



# SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, GUDLAVALLERU-521 356, Krishna District, A.P., India

(Approved by AICTE, New Delhi and Permitted by A.P. State Government)

Accredited by NAAC

Phone Nos. 08674-273737, 273888, Mobile: +91 9848779121 Fax No. 08674-273957

E-mail: principal@gecgudlavalleru.ac.in, office@gecgudlavalleru.ac.in, Web: www.gecgudlavalleru.ac.in

## PROFESSIONAL DEVELOPMENT / ADMINISTRATIVE TRAINING PROGRAMS ORGANIZED BY THE INSTITUTION

A.Y:2020-2021

S.No.	Dates	Title of the professional development/ administrative training programs organised for teaching staff and non teaching staff
1	26-10-2020 to 31-10-2020	Recent Advancements in Special Concretes
2	22-03-2021 to 27-03-2021	Innovations in Civil Engineering (ICE)
3	15-03-2021 to 20-03-2021	AICTE Sponsored Short Term Training Program on "Automation and Intelligent control of Electrical Systems-Phase-IV"
4	08-02-2021 to 10-02-2021	Industrial Automation using PLC
5	16-11-2020 to 21-11-2020	AICTE Sponsored Short Term Training Program on "Automation and Intelligent control of Electrical Systems-Phase-III"
6	21-10-2020 to 26-10-2020	AICTE Sponsored Short Term Training Program on "Automation and Intelligent control of Electrical Systems-Phase-II"
7	01-10-2020 to 03-10-2020	"Energy Saving Methodologies"
8	03-08-2020 to 08-08-2020	AICTE Sponsored Short Term Training Program on "Automation and Intelligent control of Electrical Systems-Phase-I"
9	15-06-2020 to 20-06-2020	Faculty Development Program On "Applied Research in Electrical Vehicle Technologies"
10	17-03-2021 to 19-03-2021	Three Day faculty Development Programme on "Recent Trends in Electric Vehicles – Phase – I"
11	15-06-2020 to 20-06-2020	One Week Online Faculty Development Programme on "Research Trends in Mechanical Engineering"
12	16-03-2021 to 22-03-2021	One week AICTE-ISTE sponsored Online Induction Programme on "Millimeter Wave Frequencies: Phase-II"

13	14-12-2020 to 15-12-2020	A Two Day Training Programme on Design and Development of VLSI Circuits using Mentor Graphics Tools
14	07-12-2020 to 11-12-2020	AICTE Training & Learning ATAL, Academy sponsored Online Faculty Development Programme on "Internet of Things"
15	16-11-2020 to 21-11-2020	One week AICTE-ISTE sponsored Online Induction Programme on "Millimeter Wave Frequencies"- Phase I
16	24-08-2020 to 29-08-2020	AICTE sponsored Online Short Term Training Programme on Block chain Architecture Design and Use Cases(Smart Contracts with ethereum and Solidity)
17	17-08-2020 to 22-08-2020	AICTE sponsored Online Short Term Training Programme on Block chain Architecture Design and Use Cases (Decentralized Network Synchronization)- Phase III
18	10-08-2020 to 15-08-2020	AICTE sponsored Online Short Term Training Programme on Block Chain Architecture Design and Use Cases Phase II
19	10-08-2020 to 12-08-2020	A National Level Webinar on Intellectual Property Rights & Patents – A View
20	27-07-2020 to 01-08-2020	One Week refresher Course on Embedded System Design
21	08-06-2020 to 13-06-2020	One week International Online Knowledge Development Programme on Challenges and Advancements in the Design of IoT, Embedded and VLSI systems: A Researchers View (CADIEVR-2020)
22	14-10-2020	One Day Training program on Hands on Hadoop
23	09-06-2020 to 13-06-2020	A Five Day Online FDP on Block chain Technologies
24	22-07-2020 to 26-07-2020	Five Day Online FDP On Cyber Security
25	19-01-2021 to 23-01-2021	AICTE Training And Learning (ATAL) Academy Online FDP on Data Sciences
26	31-10-2020 to 01-11-2020	Linear Algebra & Its Applications
27	04-12- 2020 & 07-12-2020	Writing for Scholarly Publications
28	03-06-2020 & 06-06-2020	2- Day Workshop on Video Mediated Reflective Micro Teaching Phase - III



**IQAC**  
**IQAC**



**Principal**  
**PRINCIPAL**  
**Seshadri Rao**  
**Gudlavalleru Engineering College**  
**Seshadri Rao Knowledge Village**  
**Gudlavalleru - 521 356, Krishna Distrct. A.P.**

**GUDLAVALLERU ENGINEERING COLLEGE**  
 Seshadri Rao Knowledge Village, GUDLAVALLERU  
Proposal to Organize FDP

Date: 17/10/2020

From  
 The Head of the Department  
 Department of Civil Engineering  
 Gudlavalleru Engineering College, Gudlavalleru.

To  
 The Principal  
 Gudlavalleru Engineering College, Gudlavalleru.

Letter No: GEC/CE/FDP/2020-2021/01

Program : FDP  
 Event : Faculty Development Programme  
 Name of the Event : "Recent Advancements in Special Concretes"  
 No. of Days : 6 days  
 Duration (Dates) : 26/10/2020 to 31/10/2020  
 Targeted Audience : Only faculty  
 If Students :  
 Expected (Year) :  
 No. of Participants :

External	Internal
56	13/92

Co-ordinator(s) : Dr. A. Sreenivasulu, Mr. PSS Anjaneya babu & Mr. phani  
 Name :  
 Designation : Professor, Asst. professor, Manoj  
 Mobile No : 9491347150  
 Associative Organization if any :  
 Resource person(s) : Mr. Prametha sri Kumar, Asst. prof.  
 I&T - professor

Sl.No	Name	Designation	Organization
1	Dr. Appa Rao.G.	Professor	IIT Madras
2	Dr. A. Raja gopal	Professor	IIT Hyderabad
3	Dr. K. Srinivasa Rao	Professor	Andhra University, Vizag
4	Dr. S. Venkateswara Rao	Assoc. prof.	NIT Warangal
5	Dr. M.S. Chauhan	Professor	MANIT, Bhopal
6	Dr. J. Kartikeyan	Assoc. Professor	NIT, Trichy

Brief profile of resource person(s) (if available enclose.)

Objective(S) of the program : 1. To give awareness for all the faculty involves  
 in research work related to <sup>advancements in</sup> Concrete  
 2. To motivate the faculty <sup>have M.Tech</sup> in the research side

Expected outcome

APPROXIMATE Expected Expenditure Statement

a	Honorarium per person/ day/ hour	Rs.
b	TA	3,000 x 6 = 18,000/-
c	Hospitality for Resource persons	
d	Banners	
e	Certificates	
f	Lunch / Dinner for Participants	
g	Snacks for Participants	
h	Scribbling pad and pen etc	
i	Guest Memento	
j	Brochures, Postage & Photography	
k	Miscellaneous if any - <i>Certificates, photos etc.</i>	2,000/-
Total		20,000/-

Amount to be Collected from participants : ~~Rs. 20,000/-~~ *Rs. 15,000/-* *per participant* *Nil*

Amount sponsored by others if any (CSI/ISTE/IETE/IEEE/Students Association/etc.) : Rs.

Budget Sanctioned by the college under FDP : Rs. (17-18) + (18-19)  
 Budget Spent FDP (till today) : Rs. (17-18)  
 Balance amount available : Rs.

Amount requested from the college to meet the expenditure : Rs. A-(B+C)

Advance amount Requested to meet the initial expenditure : Rs.

Kit/ Any other Material given by the Associative Organization : Nil

If yes type of supporting material : Nil

Approximate cost of material / Kit

which is included in the cost collected from the participants : Rs. Nil

Recommendations of the HoD : *It is use full for the faculty*  
 Signature of the HoD : *[Signature]*

Recommendations of the Dean : *Submitted to the principal for consideration*  
 Signature of the Dean : *[Signature]*

Recommendations of the Principal : *[Signature]*  
 Principal Signature

I, Dr. A. Sreenivahulu Co-ordinator of the program have received an amount of Rs. \_\_\_\_\_ (in words \_\_\_\_\_) from principals office as an advance amount to meet the Initial expenditure.

Honorarium Details: Acc. No: IFSC

1. Dr. G. Appa Rao - 10620882482 SBIN0001055
2. Dr. K. Srinivasa Rao - 30082835689 SBIN0003170
3. Dr. J. Kartikeyan - 30702354450 SBIN0001617
4. Dr. D. Ravi prasad - 6228293906 SBIN0020149
5. Dr. S. Venkateswara Rao - 62058787883 SBIN0020149
6. Dr. A. Rajagopal - 0031-399320130 SBIN14182

*[Signature]*  
 Signature of Coordinator

**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru-521356

**DEPARTMENT OF CIVIL ENGINEERING**  
**INAUGURATION**

Dt. 26/10/2020

**OF**  
**ONE WEEK ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)**

**On**

**“RECENT ADVANCEMENTS IN SPECIAL CONCRETES”**

- 2.00 to 2.04 PM - Opening Remarks by Dr.A. Sreenivasulu, Coordinator
- 2.04 to 2.08 PM - Message by **HOD- CE**, GEC Gudlavalleru
- 2.08 to 2.12 PM - Message by **Vice Principal Administration**, GEC Gudlavalleru
- 2.12 to 2.16 PM - Message by **Vice Principal Academics**, GEC Gudlavalleru
- 2.16 to 2.20 PM - Message by **Principal**, GEC Gudlavalleru
- 2.20 to 2.24 PM - Message by **Chief Guest- Dr. G. Appa Rao, Prof.- IITM**
- 2.24 to 2.26 PM - Vote of Thanks by P.S.S Anjaneya Babu

# One week online Faculty Development Program on "Recent Advancements in Special Concretes"

26-31 October 2023

DEPARTMENT OF CIVIL ENGINEERING  
GUDLWALKERU ENGINEERING COLLEGE

## WELCOME

+42 PB DK MR GV D NB ST D DR AR

Dr. S. Anand, Dr. G. SANTOSH, MRUTUJEE KAO, Dr. N. Venkatesh, Dr. S. MANJANA, Naga Babu, Dr. S. Srinivasulu, Dr. A. Venkatesh, Dr. C. RAJESH, Dr. S. K. S. Srinivas, Dr. A. Srinivasulu, Dr. P. Srinivasulu Rao, Prof. S. Srinivasulu Rao, Prof. Srinivasulu Rao, Prof. Srinivasulu Rao

Precast Construction.pdf

# PRECAST CONSTRUCTION TECHNIQUES

**Dr. G. Appa Rao**  
**Professor of Civil Engineering**  
**Indian Institute of Technology Madras**  
**Chennai 600036, India.**

+60 1 MM S DB SA AC MR PB DR



One week online Faculty Development Program on "Recent Advancements in Special Concretes"

# MECHANICAL PROPERTIES OF ALKALI ACTIVATED SLAG CONCRETE SUBJECTED TO ACID AND SULPHATE ATTACKS

SUBJECTED TO ACID AND SULPHATE ATTACKS

**Dr. K. Srinivasa Rao**  
**Professor**



Department of Civil Engineering  
College of Engineering (A)  
Andhra University

Participant list bar with icons and names:

- +43
- PB
- DK
- MR
- GV
- D
- NB
- ST
- D
- DR
- DR
- AR

# SELF COMPACTING SILICA FUME CONCRETE; FRESH AND HARDENED PROPERTIES

Dr.J.Karthikeyan,  
Associate Professor,  
Department of Civil Engg,



National Institute of Technology  
Tiruchirappalli

राष्ट्रीय प्रौद्योगिकी संस्थान  
तिरुचिरापल्ली

தேசிய தொழில்நுட்ப  
திரட்சி சிறப்பள்ளி

Just type  
KARTHIKEYAN JAYAKUMAR IN YOUTUBE SEARCH  
PAGE TO VISIT MY CHANNEL FOR MORE UPDATES

+37

DK

GK

MM

MK

S

V

D

KJ

HIRC PPT final2 [Compatibility Mode] - Microsoft PowerPoint

Home Insert Design Animations Slide Show Review View Add-Ins

Paste New Slide Delete Layout Reset

Clipboard Slides Paragraph Drawing

Find Replace Select Editing

Slide 1 of 103 "Office Theme" English (India)

93%

# static and dynamic mechanical properties of Hybrid fiber reinforced concrete.

Dr. D. Ravi Prasad  
Assistant Professor  
Department of Civil Engineering



NATIONAL INSTITUTE OF TECHNOLOGY  
WARANGAL

+10 DK GM RC NB KR S GV SV DR CT D

Dr. A. Srinivasulu

Self Compacting Mortars with inclusion of Nano materials: Message (Integrated) (Slide) - Microsoft PowerPoint

Home Insert Design Animations Slide Show Review View Q&PDF 9

Paste Copy Paste Special Clipboard New Slide Layout Reset Delete Font Paragraph Drawing

Find Replace Select Editing

Slides Outline

1 Self Compacting Mortars with inclusion of Nano materials

2

3

4

Click to add notes

Slide 1 of 55 Office Theme English (India)

# Self Compacting Mortars with inclusion of Nano materials:

## An innovative Repair material for Historical Structures



Dr. S Venkateswara Rao  
 Department of Civil Engineering  
 NIT Warangal

+32 GK H S GV MM NR HR NB DR D VS

Agave Chakraborty GK H S GV MM NR HR NB DR D VS

Download

Previous 5 of 6 Next

5th Day One Week Online FDP

Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Hide share options (Ctrl+Shift+E)

EP	AA	AC
JS	SA	DR
MM	PK	SP

+23 DS DS KN JC AK PB AM CD GV

KR AC KK EP MM GV YS MM KN SA DR VS

Type here to search

Download

Previous 3 of 6 Next

Dr. A. Srinivasulu

KJ

DR

V

Dr. S. R. S. Raddy

Activate Windows  
Go to Settings to activate Windows.

+40 DK EP OH DG KR NB DL MM S S GK MM MK

DR



GV

+46

VK

S

KK

JK

CB

KR

SA

K



V

EP

MM

PG

DL

Small text labels below the participant icons, including names like 'V. S. K. Rishi', 'D. A. Sankaran', 'G. T. N. Venkatesh', 'M. S. Ramesh', 'S. V. Suresh', 'E. V. Rajan', 'M. S. Ramesh', 'R. S. Ramesh', 'D. S. Ramesh'.

GEC Gudlavalleru, Andhra Pradesh, India

# Plasticity based models for Concrete subjected to Blast Loads



**Prof. Amirtham Rajagopal**

[rajagopal@ce.iith.ac.in](mailto:rajagopal@ce.iith.ac.in)

Department of Civil Engineering  
Indian Institute of Technology Hyderabad

31<sup>st</sup> October 2020



**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru

From  
The HoD  
Department of Civil Engineering  
Gudlavalleru Engineering College,  
GUDLAVALLERU

To  
The Principal  
Gudlavalleru Engineering College,  
GUDLAVALLERU

**UTILIZATION CERTIFICATE**

Ref Letter No : GEC/CE/FDP/2020-2021/01  
Dated : 17/10/2020  
Name of the event : FDP on "Recent Advancements in Special Concretes"  
No. of Days : 6  
Duration : 26/10/2020 to 31/10/2020  
No. of Participants participated : Internal 42 External 56  
Actual Expenditure:

Sl. No		Requested (As per Request letter)	Spent(Actual expenditure)
a	Honorarium per person/ day/ per hour	3,000/-	6 x 3,000/- = 18,000/-
b	Hospitality for Resource persons	-	-
c	TA	-	-
d	Banners	-	-
e	Certificates	2,000/-	825
f	Lunch / Dinner for Participants	-	-
g	Snacks for Participants	-	-
h	Scribbling pad and pen etc	-	-
i	Guest Memento	-	-
j	Miscellaneous if any	-	-
		Total.	Rs. <u>18,825/-</u>

Amount paid to the associative organization : Rs. -

Total Expenditure (A+B) : Rs. 18,825/-

Amount sponsored by others if any  
(CSI/ISTE/IETE/IEEE/Students Association etc.) : Rs. -

Amount Collected from participants : No          @ Rs.          / head Rs. -

Advance Amount drawn from the Office : Rs. 20,000/-

Amount due from the college/ to be returned to the college:  
(A+B) - (C+D+E) / (C+D+E) - (A+B) Rs. 1,175/-



# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK)

Seshadri Rao Knowledge Village, Gudlavalleru – 521356, A.P

Department of Civil Engineering

## *Certificate of Participation*

This is to certify that

**Dr. G. Reddy Babu**

**Professor**

**Gudlavalleru Engineering College, Gudlavalleru**

has actively participated in the One Week Faculty Development Programme on “Recent Advancements in Special Concretes” Organized by the Department of Civil Engineering, Gudlavalleru Engineering College, Gudlavalleru from 26<sup>th</sup> October to 31<sup>st</sup> October 2020.

Prof (Dr) A Sreenivasulu  
Coordinator  
Dept. of CE, GEC

Prof (Dr) P Kodanda Rama Rao  
Convener & Head  
Dept. of CE, GEC

Prof (Dr) P Ravindra Babu  
Principal  
GEC, Gudlavalleru



**GUDLAVALLERU ENGINEERING COLLEGE**  
Seshadri Rao Knowledge Village, GUDLAVALLERU  
Proposal to Organize FDP

Date:16/03/2021

From  
The Head of the Department  
Department of Civil Engineering  
Gudlavalleru Engineering College, Gudlavalleru.

To  
The Principal  
Gudlavalleru Engineering College, Gudlavalleru.

Letter No: GEC/CE /FDP/2020-2021/02

Program : FDP  
Event : Faculty Development Programme  
Name of the Event : One Week Online Faculty Development Programme on  
"Innovations in Civil Engineering"  
No. of Days : 06  
Duration (Dates) : 22-03-2021 to 27-03-2021 (Platform- Microsoft Teams)  
Targeted Audience : Faculty  
If Students :  
Expected (Year) :  
No. of Participants :

External	Internal
100	42

Co-ordinator(s) :  
Name : Mr A.H.L.Swaroop, Mr S Arun Chaitanya, &Dr S Eswar  
Designation : Sr Gr Asst Professor , Assistant Professor & Assistant Professor  
Mobile No : 9491678603 ,8500339597&9491969339

Associative Organization if any :

Resource person(s) :

Sl. No	Name	Designation	Organization
1	Dr A Raja Gopal	Professor	IIT, Hyderabad
2	Dr G Appa Rao	Professor	IITM, Chennai
3	Dr G Mahesh Reddy	Asst Professor	IIT,,Mandhi
4	Dr M.S.Chauhan	Professor	MANIT,Bhopal
5	Dr K Mallikarjuna Rao	Professor	SVUCE,Tirupathi
6	Dr T Praveen	Professor	AUCE, Visakhapatnam

Brief profile of resource person(s) (if available enclose.)

Objective(S) of the program : To enhance the technical knowledge of teaching fraternity  
in new innovations that are taking place in civil engineering

Expected outcome : All the faculty members will gain knowledge on new  
innovations and changes that are occurring in civil  
engineering

Approximate Expected Expenditure Statement

		Rs.
a	Honorarium per person/ day/ hour (5000 per person)	30000
b	Certificates	500
Total		Rs. 30500/-

Amount to be Collected from participants :

No \_ @ Rs. participant

Rs Nil

(R)

Amount sponsored by others if any  
(CSI/ISTE/IETE/IEEE/Students Association/etc.)

Nil

(r)

Budget Sanctioned

by the college under FDP : Rs. 1,00,000

Budget Spent FDP (till today) : Rs. 28,000

Balance amount available : Rs. 72,000

Amount requested from the college to meet the expenditure : Rs.30,500

A-(B+C)

Advance amount Requested to meet the initial expenditure : Rs.30,500

Kit/ Any other Material given by the Associative Organization :

If yes type of supporting material : Nil

Approximate cost of material / Kit

which is included in the cost collected from the participants :Rs.Nil

Recommendations of the HoD : This FDP is Very much useful for the junior faculty members as well as the faculty pursuing their ph.D.

Signature of the HoD *Jeeva*

Recommendations of the Vice Principal (Academics)

May be permitted to organize

Signature of the Vice Principal (Academics)

*M. Usasw* 16/03/21

Recommendations of the Principal

Principal Signature

*[Signature]*

I A.M.L. SWAROOP Co-ordinator of the program have received an amount of Rs. 30,500/- (in words Thirty thousand) from principals office as an advance amount to meet the Initial expenditure. *Subscribed only*

*Hemanth Lashmi Swaroop- Alagharu*

*[Signature]*  
Signature of Coordinator

30656290519

SBIN0001461-

**Chief Patrons:**

Dr. Nageswara Rao Vallurupalli  
Chairman  
Sri M. Srinivasa Rao  
Co - Chairman  
Er Vallurupalli Satyanarayana Rao  
Secretary & Correspondent  
Sri Vallurupalli Rama Krishna  
Co-Secretary & Correspondent

**Patron:**

Dr G.V.S.N.R.V.Prasad - Principal

**Co-Patrons:**

Dr. P.kodanda Rama Rao  
Vice Principal (Administration)  
Dr. M.R.Ch.Sastry  
Vice Principal (Academics)

**Advisors:**

Dr. P.Ravindra Babu  
Advisor to Management  
Dr. P. Nageswara Reddy  
Director (PGCRD)  
Dr B.Karuna Kumar  
Director (AS&A)  
Dr S.R.K.Reddy  
Adjunct professor, CE  
Dr. K. Radhakrishnam Raju  
Adjunct professor, CE

**Convener:**

Dr. A.Srinivasulu  
HoD i/c, CE

**Co-ordinators:**

Sri A.H.L.Swaroop  
Sr.Gr.Asst. Prof., CE

**Co- Co ordinators:**

Sri S Arun Chaitanya  
Asst. Prof., CE  
Dr S Eswar  
Asst. Prof., CE

**Co-ordination Committee:**

Dr. B.Dasu - HoD i/c, EEE  
Dr. A.Jawahar Babu - HoD, ME  
Dr. Y.Rama Krishna - HoD, ECE  
Dr. M.Babu Rao - HoD, CSE  
Dr.Ch. Kavitha - HoD, IT  
Dr.Ch. Niramal Chand - HoD, MBA  
Dr. S.Suresh - HoD, BS&H  
Dr. B.Karuna Kumar - HoD, English

**Organising Committee:**

Dr. G. Reddy Babu, Professor., CE  
Sri K. Venkateswara Rao, Assoc. Prof., CE  
Dr C.Raj Kumar, Assoc. Prof., CE  
Sri Phani Kumar V Sr.Gr. Asst. Prof., CE  
Sri G. Sai Krishna, Asst. Prof., CE  
Sri G.T.N.Veerendra, Asst. Prof., CE  
Sri Ch. Naga Bharath, Asst. Prof., CE  
Sri P.S.S. Anjaneya Babu, Asst. Prof., CE  
Sri N. Hari Pavan, Asst. Prof., CE  
Sri S. Sai Charan, Asst. Prof., CE  
Sri M. Durga Rao, Asst. Prof., CE  
Sri A.V.Phani Manoj, Asst. Prof., CE  
Ms. M. Sandhya, Asst. Prof., CE  
Sri K. Nagarjuna, Asst. Prof., CE  
Dr V.V.Praveen Kumar,Asst Prof,CE  
Sri P.P.Sai Kumar, Asst Prof,CE  
Dr Subhasish Dey,Asst Prof,CE  
Sri A.Anurag,Asst Prof,CE  
Sri K.Dinesh Kumar,Asst Prof,CE  
MrsCh.S.Tirumala Devi,Asst Prof,CE  
Ms L.Manjusha,Asst Prof,CE  
Ms M.L.Sirisha,Asst Prof,CE  
Mrs Uppala Pallavi  
Mrs. Aparna O  
Dr Sophia M  
Dr Elluri Venkata Prasad  
Mr N V SrinivasaRao  
Ms. S. Kavya Saraswathi  
Mr J K S S Ram Charan  
Mr Mathe Vinay  
Mr. M Rajendra  
Mr. B Hema NAgababu  
Ms. O Hindu  
Sri T.N S S Saran  
Sri D.Varaprasad  
Ms.S.Naga Sai Mounika

**Registration Process & Fee**

Please register by filling the google form through the link  
“<https://forms.gle/fHiFVL3u8Zpgo9Nj7>”

Last Date for Registration: 22<sup>nd</sup> March, 2021

The fee is absolutely free  
Participation certificate will be issued.

**Contact Details:**

1.Mr A.H.L.Swaroop,Sr Gr Asst Prof  
Mob:9491678603  
Email:ahls@gecgudlallerumic.in

2.Mr S.Arunchaitanya  
Mob:8555010609  
3.Dr S Eswar  
Mob:9491969339

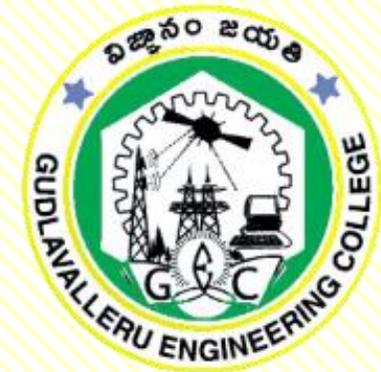
One Week Online  
Faculty Development Programme

on

**“Innovations in Civil  
Engineering”**

22<sup>nd</sup> to 27<sup>th</sup> March, 2021

Organised by  
**DEPARTMENT OF  
CIVIL ENGINEERING**



**GUDLAVALLERU ENGINEERING COLLEGE**

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

(Sponsored by A.A.N.M & V.V.R.S.R Educational Society, Gudlavalluru)

APPROVED BY AICTE, NEW DELHI, RECOGNISED BY A.P. STATE GOVT. &

ACCREDITED BY NAAC WITH "A" GRADE

PROVISION

Ph: 08674-273737

[www.gecgudlalleru.ac.in](http://www.gecgudlalleru.ac.in)

## About College

The college is promoted by **AANM & VVRSR** Educational Society, Gudlavalleru and was established in 1998. The college is situated in Gudlavalleru, surrounded by lush green fields, providing serene atmosphere to learners. The college offers B.Tech. programmes in six branches of Engineering, viz, Civil, Electrical & Electronics, Mechanical, Electronics & Communication, Computer Science and Information Technology. It also offers PG programmes in Engineering (M.Tech.) and Management (MBA). The college is permanently affiliated to JNTUK, Kakinada and obtained **Autonomous** status from U.G.C. in 2014 for a period of six years. All eligible branches of engineering are accredited by **NBA** of AICTE, New Delhi and the college is accredited by **NAAC**, New Delhi with “A” Grade.

The Institution is continuously striving for excellence by adopting changes as and when required to improve the systems, practices and performance levels.



## About Civil Engineering Department

The Department was started in the year 2009 and has been offering a full time, four year B.Tech. “**Civil Engineering**” Programme, and a two year M.Tech. Programme in “**Structural Engineering**”. The department, though the youngest in the college, has been successful in working closely on par with other departments to promote inter-disciplinary teaching & learning as well as **R&D and consultancy**. The department has established Water Environment and Land(WEL) research centre to conduct **Research & Development** activities in the fields of water and land resource inventory, mapping, monitoring and management of environment and ecosystems in the region and also Disaster Management. Further, the department is endowed with well-equipped laboratories, library, qualified & dedicated faculty and technically sound supporting staff. The department is offering consultancy services in designing, material / soil testing, surveying etc. It is continuously striving to impart quality education and enhancing competitive spirit amongst students for academic excellence. CE department is recognized as Research Centre by JNTUK, Kakinada.



## About the Faculty Development Program

**The main objective of this FDP is to enhance the knowledge of innovations in Civil Engineering to the teaching fraternity**

### Resource Persons

- Prof. A Raj Gopal**  
Professor, IIT, Hyderabad
- Prof. G Appa Rao**  
Professor, IIT, Chennai
- Prof. T.V.Praveen**  
Professor, AUCE, Visakhapatnam
- Prof. G Mallikarjuna Rao**  
Professor, SVUCE, Tirupathi
- Prof. K S Chauhan**  
Professor, MANIT, Bhopal
- Dr. G Mahesh Reddy**  
Assistant Professor, IIT, Mandhi
- Dr. K.V.R Ravi Shankar**  
Assistant Professor, NIT Warangal
- Prof. B. Madhusudhan Reddy**  
Professor, SVUCE, Tirupathi
- Prof. Dr. N.V. Ramana**  
VTU, Karnaataka
- Prof. R.V Sagar**  
IISC, Bangalore

Full Name	User Action	Timestamp
A. H. L. Sw	Joined	3/22/2021, 10:02:45 AM
Dr K.S.R.PF	Joined before	3/22/2021, 10:02:45 AM
Dr G V S N	Joined before	3/22/2021, 10:02:45 AM
Dr G V S N	Left	3/22/2021, 10:17:42 AM
GIRIPHANI	Joined	3/22/2021, 10:03:47 AM
Dr. A. Srin	Joined	3/22/2021, 10:04:23 AM
Dr. A. Srin	Left	3/22/2021, 11:03:00 AM
O. Hindu	Joined	3/22/2021, 10:04:36 AM
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S. Eswar	Joined	3/22/2021, 10:06:39 AM
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KATNENI P	Joined	3/22/2021, 10:10:53 AM
Madhav K	Joined	3/22/2021, 10:11:09 AM
Dr. G. Redc	Joined	3/22/2021, 10:11:28 AM
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Gogineni G	Joined	3/22/2021, 10:12:47 AM
Pallavi	Joined	3/22/2021, 10:13:17 AM
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Pallavi	Joined	3/22/2021, 10:40:22 AM
Lakshmi Pa	Joined	3/22/2021, 10:13:59 AM
VEERANKI	Joined	3/22/2021, 10:14:30 AM
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Sreeparvat	Joined	3/22/2021, 10:14:32 AM
M. Vijaya (	Joined	3/22/2021, 10:14:39 AM
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Priyanka G	Joined	3/22/2021, 10:15:24 AM
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Vijaya Sita	Joined	3/22/2021, 10:16:06 AM
Vijaya Sita	Left	3/22/2021, 10:34:38 AM
Vijaya Sita	Joined	3/22/2021, 10:45:28 AM
Dr.SKVST L	Joined	3/22/2021, 10:16:50 AM
Dr.SKVST L	Left	3/22/2021, 10:17:44 AM
A. Anurag	Joined	3/22/2021, 10:16:54 AM
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A. Anurag	Joined	3/22/2021, 10:45:27 AM
Dr M.R Ch	Joined	3/22/2021, 10:17:17 AM
Dr M.R Ch	Left	3/22/2021, 11:37:55 AM
Ch Naga Bf	Joined	3/22/2021, 10:17:29 AM
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Yadugani S	Left	3/22/2021, 11:29:55 AM
Dr.SKVST L	Joined	3/22/2021, 10:19:06 AM

**GUDLAVALLERU ENGINEERING COLLEGE**  
Seshadri Rao Knowledge Village, GUDLAVALLERU

Date: 31-03-2021

From  
The Head of the Department  
Department of Civil Engineering  
Gudlalleru Engineering College, Gudlalleru.

To  
The Principal  
Gudlalleru Engineering College, Gudlalleru.

**UTILIZATION CERTIFICATE**

Ref Letter No : GEC/CE /FDP/2020-2021/02  
Dated : 16-03-2021  
Name of the event : One Week Online Faculty Development Program on "Innovations in Civil Engineering"  
No. of Days : 06  
Duration : 22<sup>nd</sup> to 27<sup>th</sup> March  
No. of Participants participated : Internal: 42 External : 105  
Actual Expenditure:

Sl. No	Requested (As per Request letter)	Spent(Actual expenditure)
a	Honorarium & Certificates	30500
	Total. Rs.	30500

Amount paid to the associative organization : Rs. Nil

Total Expenditure (A+B) : Rs. 30500/- (B)

Amount sponsored by others if any  
(CSI/ISTE/IETE/IEEE/Students Association etc.) : Rs. Nil (C)

Amount Collected from participants : No \_\_\_\_\_ @ Rs. \_\_\_\_\_ / head Rs. Nil (D)

Advance Amount drawn from the Office : Rs. 30500/- (E)

Amount due from the college/ to be returned to the college:  
(A+B) - (C+D+E) / (C+D+E) - (A+B) Rs. Nil

Feedback Taken : Yes

Participants Opinion : Good, FDP is very excellent.

Remarks of the Organizer/ Coordinator : Good response is received from the participants.

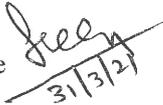
Signature



Remarks of the HoD

: The one week online FDP was organized so effectively and it has been much useful for all the participants.

Signature

  
31/3/21

Remarks of the Vice Principal Academics

: May be approved

Signature

  
31/03/21

I Attendant of Coordinator of the program has returned/received the balance amount of ₹ (in words \_\_\_\_\_) From/To The Principal's office.

Rs. 0/-

Receiver's signature

  
  
Principal

Enclosed: Proposal submitted

**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
**Seshadri Rao Knowledge Village, Gudlavalleru**

**Department of ELECTRICAL AND ELECTRONICS ENGINEERING**

12<sup>th</sup> March 2021

**CIRCULAR**

All the faculty members of EEE Department are requested to attend online AICTE Sponsored Training Program On “**AUTOMATION AND INTELLIGENT CONTROL OF ELECTRICAL SYSTEMS - Phase-IV**” From 15<sup>st</sup>- 20<sup>th</sup> March 2021.

**REGISTRATION LINK:**

<https://docs.google.com/forms/d/1M65uqwYsWDrg4YHH4MbyCLxBzYWzuYRjhSaPtIaxP8/edit?usp=sharing>

  
H.O.D

## The College:

The Gudlavalluru Engineering College was established in 1998 by A.A.N.M. & V.V.R.S.R. Educational Society, Gudlavalluru. The College is situated at Gudlavalluru village, surrounded by lush green fields providing serene atmosphere to the learners. The college offers B.Tech programme in six branches of Engineering, viz., Civil, EEE, ME, ECE, CSE & IT, and PG courses in MBA and M.Tech (SE), M.Tech (PEED), M.Tech (MD), M.Tech (VLSI&ES), and M.Tech (CSE). The College is offering two new UG courses in Artificial Intelligence & Data Science and Internet of Things with an intake of 60 from the academic year 2020-21 onwards. All the eligible UG engineering programmes have been accredited by National Board of Accreditation (NBA) of AICTE, New Delhi and by NAAC. The college is also Accredited by TCS.

## The Department:

The Department of Electrical and Electronics Engineering was established in 1998 and is offering undergraduate course in Electrical and Electronics Engineering. It has been accredited 4 times (one time under Tier-1) by the National Board of Accreditation (NBA) and recognized as Research Centre by JNTUK, Kakinada. The department has qualified and experienced staff and well equipped Labs. Students of the department have been placed in a good number of core and software organizations and excelling in examinations like GATE, CAT etc. It is also offering M.Tech course in Power Electronics and Electric Drives. Department is marching forward keeping pace with the technological advances in Electrical and Electronics Engineering.

## Location:

Gudlavalluru is located on Gudivada - Machilipatnam route and is well connected by road and rail to Gudivada (10 kms), Machilipatnam (26 kms) and Vijayawada (55 kms).

## About the Program:

This program will be a platform to train the members towards the advances in Automation and Intelligent Control of Electrical systems and provide an avenue for research in all the recent advances in the various fields of electrical Engineering.

## Objectives of the Program:

- To train the participants towards advanced industrial drive and control applications.
- To educate participants about Automation and intelligent control and its applications in different domains of electrical engineering.
- To familiarize participants about the role of AC and DC drives in industrial automation.
- To make conversation with design and control applications in Electrical vehicles, Micro grid and Renewable energy systems.

## Resource Persons:

- Dr. V.T.Somasekhar , NIT, Warangal.
- Dr. R.C. Bansal, University of Sharjah, UAE
- Dr. Praveen Tripathi , IIT, Guhawati.
- Dr. S. Sen Gupta, IIT, Kharagpur
- Dr.Lalith Chandra Saikia, NIT, Silchar
- Dr.D.Koteswara Raju, NIT, Silchar
- Dr.N.Satyananarayana, MNIT, Jaipur
- Dr.Chinmay Rajan, VMJIT, Pune



## AICTE Sponsored Short Term Training Program

on

## "AUTOMATION AND INTELLIGENT CONTROL OF ELECTRICAL

## SYSTEMS - Phase-IV"

15<sup>th</sup> - 20<sup>th</sup> March, 2021

### REGISTRATION LINK:

<https://docs.google.com/forms/d/1M-65uqwYsWDrg4YHH4MbyCLxBzYWzuYRjhSaPtIaxP8/edit?usp=sharing>

### REGISTRATION FEE:

No Registration Fee.

### REGISTRATION LINK:

### Eligibility:

Faculty members from AICTE approved Engineering Colleges, working Professionals and practicing Engineers from various Research Organizations and Industries, Post Graduate Students and Research Scholars can Apply.

### Important Dates:

**Last date for registration: 13-03-2021**  
**Confirmation through mail: 14-03-2021**

### PLATFORM:

Microsoft Teams

### *Address for Correspondence:*

#### **Coordinator:**

Dr. M. Siva Kumar, Professor & Mentor (ASA)

Mobile: 9701764651

#### **Co-Coordination:**

Dr. K. Kalyan Raj, Asst.Prof.

Mobile: 7981812072

Sri. B.Rama Krishna, Asst.Prof.

Mobile: 9494941916

#### **Organizing Committee:**

Dr. L.Ravi Srinivas, Prof.

Dr. G.Srinivasarao, Prof.

Sri. A.Amarendra, Assoc. Prof.

Smt. J.L.Santha Kumari, Assoc.Prof.

Smt. Ch.Sujatha, Assoc.Prof.

Sri. Md.Rafi Khan, Assoc.Prof.

Smt. K.Vindhya Smitha, Assoc.Prof.

Sri. E.Vargil Kumar, Assoc.Prof.

Dr. B. Dasu, Assoc. Prof & HOD(I/C)

Dr. B.Madhu Kiran, Assoc.Prof.

Dr.G.Kishore Babu, Assoc.Prof.

Dr. B.Mahesh Babu, Assoc.Prof.

Dr. J.Kiran, Asst.Prof.

Sri. G.Balaji, Asst.Prof.

Sri. K.Santhosh Kumar, Asst.Prof.

Sri. J.Hema Sundar, Asst.Prof.

Sri. G.Ramesh, Asst.Prof.

Sri. D.Vijay Arun, Asst.Prof.

Sri. V.Naga Babu, Asst.Prof.

Sri. V.Pratap Babu, Asst.Prof.

Sri. P.Bala Koteswarao, Asst.Prof.

Smt. Ch.Trinayani, Asst.Prof.

Smt.Sufia Khannam, Asst.Prof.

Sri. B.Hanuman Dileep, Asst.Prof.

### **Chief Patrons:**

Dr. Nageswara Rao Vallurupalli,

-Chairman, AANM & VVRSR, ES.

Sri. Srinivasa Rao Musunuri,

-Co-Chairman

Er. Satyanarayana Rao Vallurupalli,

-Secretary & Correspondent

Sri. Rama Krishna Vallurupalli,

-Co-Secretary & Correspondent

### **Patron:**

Dr. G.V.S.N.R.V.Prasad,

-Principal

### **Co-Patrons:**

Dr. P. Kodanda Rama Rao,

-Vice Principal Administration

Dr. M. R. Ch. Sastry-Vice Principal Academics

### **Advisors:**

Dr. B. Karuna Kumar, Director (AS&A)

Dr. P. Nageswara Reddy, Director (PG,C&T,R&D)

### **Coordinator:**

Dr. M.Siva Kumar,

- Prof. & Mentor (AS&A)

### **Co-Coordination:**

Dr. K. Kalyan Raj, Asst.Prof.

Sri. B.Rama Krishna, Asst.Prof.

### **Advisory Committee:**

Dr. A.Srinivasulu, HoD (I/C), CE

Dr.A.Jawahar Babu, HoD, ME

Dr.Y.Rama Krishna, HoD, ECE

Dr.M.Babu Rao, HoD, CSE

Dr. Ch.Kavitha, HoD, IT

Dr. Ch.Nirmal Chand, HoD, MBA

Dr.S.Suresh, HoD(I/C), BS&H.



## **AICTE Sponsored Short Term Training Program**

### **on "AUTOMATION AND INTELLIGENT CONTROL OF ELECTRICAL**

### **SYSTEMS - Phase-IV"**

**15<sup>th</sup> - 20<sup>th</sup> March, 2021**



**Organized by**

**Department of Electrical & Electronics  
Engineering**

**GUDLAVALLERU ENGINEERING COLLEGE**

**(An Autonomous Institute with Permanent Affiliation to  
JNTUK, Kakinada)**

**Seshadri Rao Knowledge Village Gudlavalluru-521 356,  
Krishna Dist. A.P. (Approved by AICTE, New Delhi,  
Accredited by NBA & NAAC with 'A' Grade)**

Phone: (08674) 273737, 273888,

Fax: (08674) 273957

**E-mail: [geceeeaictefdp@gmail.com](mailto:geceeeaictefdp@gmail.com)**

Website: [www.gecgudlavalluru.ac.in](http://www.gecgudlavalluru.ac.in)



**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village Gudlavalleru-521 356, Krishna Dist. A.P.



**Department of Electrical & Electronics Engineering**

*AICTE Sponsored Short Term Training Program on*

**"AUTOMATION AND INTELLIGENT CONTROL OF ELECTRICAL SYSTEMS - Phase-IV"**

**15<sup>th</sup> - 20<sup>th</sup> March, 2021**

**Programme Schedule**

Day	Date	Time	Resource person	Title of the Session
1	15-03-2021 (Monday)	9.45 A.M-11.00A.M (FN)	<b>Dr.D.Koteswara Raju</b> Assistant Professor, Department of Electrical Engineering, NIT, Silchar	<b>Internet of things and IOT application for Smart energy</b>
		2.00 P.M-4.00 P.M (AN)	<b>Dr.N.Satyanarayana,</b> Assistant Professor Department of Electrical Engineering, MNIT Jaipur	<b>System modeling and Linearization</b>
2	16-03-2021 (Tuesday)	10 A.M-12 P.M (FN)	<b>Dr. S. Sen</b> Professor, Department of Electrical Engineering, IIT,Kharagpur	<b>Process Automation and Control</b>
		2.00 P.M-4.00 P.M (AN)	<b>Dr. Venkata Kirthiga</b> Associate Professor Department of Electrical Engineering, NIT Tiruchirappalli	<b>Cyber Physical Systems</b>

3	17-03-2021 (Wednesday)	10 A.M-12 P.M (FN)	<b>Dr.Lalith Chandra Saikia,</b> Associate Professor, Department of Electrical Engineering, NIT,Silchar	<b>Virtual Powerplant</b>
		2.00 P.M-4.00 P.M (AN)	<b>Dr. Praveen Tripathi</b> Professor, Department of Electrical Engineering, IIT, Guhawati.	<b>Smart grids &amp; Power Management</b>
4	18-03-2021 (Thursday)	9.30 A.M-11.30 A.M (FN)	<b>Dr.Chinmay Rajhans</b> Assistant Professor, Department of Electrical Engineering, VMJIT,Pune	<b>Model Predictive Control and its Applications</b>
		2.00 P.M-4.00 P.M (AN)	<b>Dr. V.T.Somasekhar ,</b> Professor, Department of Electrical Engineering, NIT, Warangal	<b>Introduction to Open-end Winding Induction Motor Drives</b>
5	19-03-2021 (Friday)	10 A.M-12 P.M (FN)	<b>Dr. R.C. Bansal,</b> Professor, Department of Electrical Engineering, University of Sharjah, UAE.	<b>Automation &amp; Control of Conventional Power Systems</b>
		2.00 P.M-4.00 P.M (AN)	<b>Dr. Venkata Kirthiga</b> Associate Professor Department of Electrical Engineering, NIT Tiruchirappalli	<b>Cyber Physical Systems</b>
6	20-03-2021 (Saturday)	10 A.M-12 P.M (FN)	<b>Dr.D.Koteswara Raju</b> Assistant Professor, Department of Electrical Engineering, NIT, Silchar	<b>IOT-based Intelligent Management of Electric Vehicles.</b>
		2.00 P.M-4.00 P.M (AN)	<b>Dr. R.C. Bansal,</b> Professor, Department of Electrical Engineering, University of Sharjah, UAE.	<b>Automation &amp; Control of Renewable Distributed Generators (PV and Wind systems), Hybrid Power Systems, Microgrid, Smart Grid</b>

**Link for Microsoft Teams Meeting(6Days)**

**<https://tinyurl.com/bvuvv2y7>**

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**All India Council for Technical Education**  
 (A Statutory body under Ministry of HRD, Govt. of India)  
 Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)



**STTP- Sanction Letter**

Ref. No. 34-65/207/RIFD/STTP/Policy-1/2018-19

Date 21 FEB 2020

To  
 The Drawing and Disbursing Officer,  
 All India Council for Technical Education,  
 Nelson Mandela Marg,  
 Vasant Kunj, New Delhi - 110070

**Sub:** Release of grant for conduct of Short Term Training Programme (STTP) under AQIS 2018-19 during the financial year 2019-20- reg.

Sir,

This is to convey the sanction of the Council for payment of **Rs. 385666 /- (Rupees Three Lakh EightyFive Thousand Six Hundred SixtySix Only)** for conduct of Short Term Training Program as per details given below:-

1.	Name and address of the beneficiary University / Institution	GUDLAVALLERU ENGINEERING COLLEGE , SESHADRI RAO KNOWLEDGE VILLAGE, GUDLAVALLERU-521356, KRISHNA DISTRICT, ANDHRA PRADESH KRISHNA-521356 Andhra Pradesh
2.	Permanent ID of Institute	1-8998977
3.	Institute type	Unaided - Private
4.	Name of Coordinator	Dr. SIVA MANGIPUDI
5.	Amount sanctioned	Rs. 385666/-
6.	Amount to be released	Rs.385666/- Full & final payment
7.	Head of account	<b>601.15(a) Gen. Short Term Training Programme (Plan)</b>
8.	The authorized officer in whose favour Cheque/ Demand Draft/ RTGS is to be made	REGISTRAR / DIRECTOR / PRINCIPAL
9.	Title of the programme	Automation and Intelligent Control Electrical systems

- The amount of the grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the grant-in-aid bill and shall be disbursed to and credited to the Registrar/ Director/Principal of the institute through RTGS.

2. This grant-in-aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.
3. The Principal of the Institute and the Coordinator of the Program are requested to verify the correctness of the under-mentioned Bank Account / RTGS Details submitted by them alongwith the proposals, in which the grant is being released:-

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AACAG4307 M	STATE BANK OF INDIA	GUDLAVALLE RU	MAIN ROAD, GUDLAVALLE RU - 521 356, KRISHNA DISTRICT.	PRINCIPAL, GUDLAVALLE RU ENGINEERING COLLEGE	Current Account	353390358 82	SBIN00014 61

### **Instructions/Guidelines to be followed by the University/Institution**

#### **I. Disbursement of funds to University/Institutions**

- a. The full amount of the grant sanctioned is being released as advance to the University/Institute.
- b. The amount spent by the institute on the conduct of STTP shall be adjusted on the basis of utilization certificate and detailed expenditure statement submitted by the University/Institution on the prescribed format along with other mandatory documents viz feedback form, copy of proceedings and completion report etc.
- c. The above said amount of grant shall be refunded back to AICTE if the Letter of Approval (LOA) / Extension of Approval (EOA) is not issued by AICTE to the institute for the academic year 2019-20.

#### **II Maintenance of Accounts**

- a. The Institute shall strictly follow the provisions laid down in the scheme document as available on the portal.
- b. Funds covered by this grant shall be kept separately and would not be mixed up with other funds so as to know the amount of interest accrued on the grant.
- c. The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure.
- d. The grant is intended to cover items of expenditure connected with the Short Term Training Programme such as Boarding & Lodging to the participants, TA to outstation participants, Honorarium to Course Coordinator, reading material to participants, Honorarium to resource persons, TA/DA to resource persons including two outstations resource persons & working expenses (reprographic services, postage, transport, daily wages, tea/coffee etc).

#### **III. Conduct of test and issuance of certificate**

A test shall be conducted by Program Evaluation Committee (PEC) at the end of the program and the certificates shall be issued to those participants who have attended the program and have qualified in the test.

#### IV. Submission of Documents by the University/Institutions to AICTE

a. The following mandatory relevant documents are required to be submitted by the University/Institution within one month of the completion of the program:-

- (i) Original Statement of actual expenditure & Utilization Certificate in the prescribed proforma duly signed by the Head of the institution and countersigned by Registrar/Finance Officer/Govt. Auditor. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed and sealed by a Chartered Accountant endorsing the membership number and complete postal address. Format for the same is available on AICTE web portal.

The University/Institution is not required to submit bills/vouchers/invoices etc for the expenditure incurred out of recurring grants. However, such copies of bills/vouchers/invoices shall be digitized by respective institutions receiving grant and uploaded scanned copies of such bills/vouchers/invoices etc on the portal for availability and view at any point of time.

- (ii) Feedback form in the prescribed proforma.
  - (iii) Copy of the proceedings and completion report.
  - (iv) List of candidates who have successfully completed the program on the basis of the test conducted by Program Evaluation Committee (PEC).
  - (v) Report submitted by Program Evaluation Committee (PEC).
- b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University/Institution. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid adjusted.

#### V. General instructions

- a. **Preferably 10% of the participants may be industry professionals deputed by industry. Further, not more than 2 participants shall be from the host institution/group of institutions.**
- b. **Money to be reimbursed on the grant (for any reasons to include unspent amount, interest , penalty if imposed) shall be refunded back to AICTE in the form of Demand Draft payable to Member Secretary, AICTE, New Delhi.**
- c. **As AICTE needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.**
- d. **The STTP is a residential program of a duration of six days with minimum 40 participants.** The approved STTP shall be conducted within three months from the date of release of funds.
- e. **If programme is not conducted in the period of three months of the issuance of this Sanction Order, the released amount, alongwith interest accrued thereon, has to be necessarily returned back to AICTE within a month.**

- f. The expenditure under the Heads '**Honorarium to Course Coordinator**' and '**Honorarium to Resource Persons**' shall not exceed **1% & 20% respectively** of the total sanctioned grant for the Programme. However, overall expenditure shall not exceed the funds sanctioned for the Programme.
- g. Any extra money required to complete the programme must be borne by the institute from their own resources. But the quality of the activities should not be compromised.
- h. Any unavoidable circumstantial change in the program with respect to name of Project Coordinator, Venue and date for organizing STTP would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File No. 34-65/207/RIFD/STTP/Policy-1/2018-19 in your future correspondence.
- i. **Program Evaluation Committee (PEC)** is required to be constituted at institutional level. The constitution of the PEC shall be as under:
- (i) Principal/Director/Registrar of the institution (Chairperson).
  - (ii) Coordinator of the program (Member Secretary).
  - (iii) Two HoDs and one subject expert (members).

The members of the said PEC shall not be below the rank of Associate Professor. A test shall be conducted by Program Evaluation Committee (PEC) at the end of the program and the certificates shall be issued to those participants who have attended the program and have qualified in the test. The minutes of the meetings, along with PEC report, are to be submitted to the Council at end of the program along with other mandatory documents.

- j. **GoI GFR rules** (@<https://doe.gov.in/order-circular/general-financial-rules2017-0>) should be followed during utilization of grant.
- k. This Sanction Order may be treated as Offer Letter for all purposes.

**NOTE:- Any deviation from the above will invoke serious action against the Institute.**

Yours sincerely,

(Col. B Venkat)  
Director (FDC)

Copy forwarded for information and necessary action to: -

21 FEB 2020

1. **Name and Address of the Coordinator**  
Dr. SIVA MANGIPUDI  
GUDLAVALLERU ENGINEERING COLLEGE  
SESHADRI RAO KNOWLEDGE VILLAGE, GUDLAVALLERU-521356, KRISHNA  
DISTRICT, ANDHRA PRADESH  
GUDLAVALLERU 521356 Andhra Pradesh
2. **The Registrar / Director / Principal**  
GUDLAVALLERU ENGINEERING COLLEGE

Full Name	User Action	Timestamp			
GEC EEE FDP	Joined	3/15/2021, 1:22:07 PM	B. Rama Krishna	Joined	3/15/2021, 3:58:44 PM
GEC EEE FDP	Left	3/15/2021, 2:12:49 PM	SUBRAMANYAM	Joined	3/15/2021, 1:55:00 PM
GEC EEE FDP	Joined	3/15/2021, 2:12:54 PM	SUBRAMANYAM	Left	3/15/2021, 2:31:58 PM
GEC EEE FDP	Left	3/15/2021, 3:56:18 PM	P V NARASIMHARAO (C	Joined	3/15/2021, 1:55:13 PM
GEC EEE FDP	Joined	3/15/2021, 3:56:48 PM	P V NARASIMHARAO (C	Left	3/15/2021, 2:56:35 PM
GEC EEE FDP	Left	3/15/2021, 3:57:10 PM	Vindhya Smitha. K	Joined	3/15/2021, 1:59:25 PM
GEC EEE FDP	Joined	3/15/2021, 3:57:29 PM	Dr. Satyanarayana Nee	Joined	3/15/2021, 1:59:37 PM
GEC EEE FDP	Left	3/15/2021, 3:58:04 PM	Dr. Satyanarayana Nee	Left	3/15/2021, 2:01:42 PM
GEC EEE FDP	Joined	3/15/2021, 3:58:43 PM	RATHIKRINDA YEDUKO	Joined	3/15/2021, 1:59:53 PM
mekonnen getnet (Guest)	Joined before	3/15/2021, 1:22:07 PM	RATHIKRINDA YEDUKO	Left	3/15/2021, 2:16:37 PM
mekonnen getnet (Guest)	Joined	3/15/2021, 3:57:42 PM	RATHIKRINDA YEDUKO	Joined	3/15/2021, 2:18:43 PM
mekonnen getnet (Guest)	Joined	3/15/2021, 3:58:44 PM	RATHIKRINDA YEDUKO	Joined	3/15/2021, 3:57:42 PM
Mekonnen Getnet (Guest)	Joined before	3/15/2021, 1:22:07 PM	RATHIKRINDA YEDUKO	Joined	3/15/2021, 3:58:44 PM
Mekonnen Getnet (Guest)	Joined	3/15/2021, 3:57:42 PM	Dr. L.R. Srinivas	Joined	3/15/2021, 2:01:21 PM
Mekonnen Getnet (Guest)	Joined	3/15/2021, 3:58:44 PM	Dr. L.R. Srinivas	Joined	3/15/2021, 3:58:46 PM
Aruna.Mekala (Guest)	Joined	3/15/2021, 1:22:34 PM	Ch. Sujatha	Joined	3/15/2021, 2:01:21 PM
Aruna.Mekala (Guest)	Left	3/15/2021, 2:07:13 PM	Ch. Sujatha	Left	3/15/2021, 3:14:29 PM
Dr. Madhu Kiran B	Joined	3/15/2021, 1:24:53 PM	Ch. Sujatha	Joined	3/15/2021, 3:14:34 PM
Dr. Madhu Kiran B	Left	3/15/2021, 3:26:04 PM	Ch. Sujatha	Joined	3/15/2021, 3:57:42 PM
Dr. Madhu Kiran B	Joined	3/15/2021, 3:30:11 PM	Ch. Sujatha	Joined	3/15/2021, 3:58:44 PM
dvijayarun@gecgudlallerumic.in (C	Joined	3/15/2021, 1:35:26 PM	Ch. Sujatha	Left	3/15/2021, 3:59:44 PM
dvijayarun@gecgudlallerumic.in (C	Left	3/15/2021, 2:27:14 PM	Vargil Kumar	Joined	3/15/2021, 2:02:16 PM
EEE_DURGAPRAKASH	Joined	3/15/2021, 1:44:16 PM	P. Bala Koteswara Rao	Joined	3/15/2021, 2:02:20 PM
EEE_DURGAPRAKASH	Joined	3/15/2021, 3:57:42 PM	P. Bala Koteswara Rao	Left	3/15/2021, 3:10:26 PM
EEE_DURGAPRAKASH	Joined	3/15/2021, 3:58:44 PM	B. Hanuman Dileep	Joined	3/15/2021, 2:03:00 PM
Dr. Satyanarayana Neeli (Guest)	Joined	3/15/2021, 1:50:10 PM	B. Hanuman Dileep	Left	3/15/2021, 3:23:55 PM
Dr. Satyanarayana Neeli (Guest)	Left	3/15/2021, 1:52:42 PM	B. Hanuman Dileep	Joined	3/15/2021, 3:53:47 PM
B. Dasu	Joined	3/15/2021, 1:51:53 PM	B. Hanuman Dileep	Left	3/15/2021, 3:55:01 PM
B. Rama Krishna	Joined	3/15/2021, 1:52:06 PM	harivamsi (Guest)	Joined	3/15/2021, 2:03:08 PM
B. Rama Krishna	Left	3/15/2021, 3:27:25 PM	harivamsi (Guest)	Joined	3/15/2021, 3:57:42 PM
B. Rama Krishna	Joined	3/15/2021, 3:42:19 PM	harivamsi (Guest)	Joined	3/15/2021, 3:58:44 PM
B. Rama Krishna	Joined	3/15/2021, 3:57:42 PM	G. Ramesh	Joined	3/15/2021, 2:03:43 PM
			G. Ramesh	Left	3/15/2021, 2:05:03 PM

Date:

**GUDLAVALLERU ENGINEERING COLLEGE**

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village:: Gudlavalleru

AICTE sponsored Online Short Term Training Programme on

"Automation &amp; Intelligent Control Of Electrical Systems" Phase-IV

15 - 20, March 2021

**STATEMENT OF EXPENDITURE**

S. No.	Purpose	Amount	Total Amount	
1	Honorarium for experts	Dr. Ramesh Chand Bansal , Professor, Electrical Eng. Department, College of Engineering, University of Sharjah, Sharjah, UAE	15000.00	75000.00
		Dr.D.Koteswar raju, Assistant professor, NIT Silchar.	10000.00	
		Dr.N.Satyanarayan, Assistant Professor, Department of Electrical Engineering, MNIT Jaipur	5000.00	
		Dr.S.Sen, Professor, Department of Electrical Engineering, IIT, Kharagpur	10000.00	
		Dr.Venkata Kirthiga, Associate Professor, Department of Electrical Engineering, NIT Tiruchirappalli	10000.00	
		Dr.Lalith Chandra Saikia, Associate Professor, Department of Electrical Engineering, NIT, Silchar	5000.00	
		Dr.Praveen Tripathi, Professor, Department of Electrical Engineering, IIT, Guhawati	5000.00	
		Dr.Chinmay Rajhans, Assistant Professor, Department of Electrical Engineering, VMJIT, Pune	5000.00	
		Dr.V.T.Somasekhar, Professor, Department of Electrical Engineering, NIT, Warangal	10000.00	
2	Honorarium for Coordinator	Dr. M.Siva Kumar Professor, Gudlavalleru Engineering College	5000.00	5000.00
3	Lab attendant engaged during lab practices	Mr.P.Khalid, Lab Tech.Gudlavalleru Engineering College	3000.00	3000.00
4	Miscellaneous charges	(A) i. TP - Link Rs.489 ii. Purchase of Power bank Rs.899 iii. Samsung charger Rs.999 iv. extender Rs.1299 v. flexible mobile holder Rs.729	4415.00	10000.00
		(B) snacks, tea Rs3184 and stationary Rs.2401	5585.00	
Grand total		(Ninety Three thousand rupees only)		93000.00

3) Name, Signature &amp; Address of the Coordinator with Seal:

Electrical & Electronics Engineering  
Gudlavalleru Engineering College  
GUDLAVALLERU - 521 356

4) Signature of Chartered Accountant:

Name of Chartered Accountant:

the Institute: **R. Satyanarayana, B.Com., F.C.A.**Membership No: **M.No: 7189**Rubber Stamp: **Partner: M/s. Siva Krishna & Narayan  
Chartered Accountants**Full Address: **ICAI Regn. No: 0038839**

3) Signature of Head of the Institute;

Name & Designation of the Head of  
Gudlavalleru Engineering CollegeRubber Stamp: **GUDLAVALLERU-521356**

Full Address:

Date:

# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, GUDLAVALLERU – 521 356, Andhra Pradesh.



## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

*This is to certify that*

**Dr. B.MADHU KIRAN**

*From*

**GUDLAVALLERU ENGINEERING COLLEGE**

*has participated in AICTE Sponsored Short Term Training Program on “Automation and Intelligent Control of Electrical Systems-Phase-IV” organized by Department of Electrical and Electronics Engineering, Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru during 15<sup>th</sup> – 20<sup>th</sup> March, 2021.*

Prof. (Dr.) M. SIVAKUMAR  
Co-ordinator

Dr. B. Dasu  
Head of Department(I/c)

Prof. (Dr.) G.V.S.N.R.V. Prasad  
Principal

# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, GUDLAVALLERU – 521 356, Andhra Pradesh.



## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

*This is to certify that*

**Dr. B. MAHESH BABU**

*From*

**Gudlavalleru Engineering College**

*has participated in AICTE Sponsored Short Term Training Program on “Automation and Intelligent Control of Electrical Systems-Phase-IV” organized by Department of Electrical and Electronics Engineering, Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru during 15<sup>th</sup> – 20<sup>th</sup> March, 2021.*

Prof. (Dr.) M. SIVAKUMAR  
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Head of Department(I/c)

Prof. (Dr.) G.V.S.N.R.V. Prasad  
Principal



**GUDLAVALLERU ENGINEERING COLLEGE**  
**SESHADRI RAO KNOWLEDGE VILLAGE**  
**GUDLAVALLERU – 521356 KRISHNA DISTRICT (A.P) INDIA**  
**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**



\*\*\*\*\*

**Report on One Week Faculty Development Programme-2021**

***AICTE Sponsored Short Term Training Program on "AUTOMATION AND INTELLIGENT CONTROL OF ELECTRICAL SYSTEMS - Phase-IV"***

1. The Department of Electrical and Electronics Engineering of Gudlavalluru Engineering College conducted a One Week Faculty Development Programme on “AUTOMATION AND INTELLIGENT CONTROL OF ELECTRICAL SYSTEMS” during 15<sup>th</sup> to 20<sup>th</sup> March, 2021. About 64 Full time Research Scholars, PG Students and academicians from Engineering & Science colleges from EEE departments have participated in this program. .
2. The goal of this FDP is to bring together experts carrying their research on System modelling, Smart Energy systems with IoT, Control and automation. In particular, the main aim of the FDP is to enhance the learning capabilities of the participants in Energy management in Smart grid, cyber Physical systems, model predictive algorithms, control of open ended winding induction machines, IoT applications in modern power systems and Hybrid power systems. The FDP cover control and automation of modern power system with renewable energy sources and corresponding research challenges.
3. The resource persons and discourse topics for the Faculty Development Programme.

Day	Date	Time	Resource person	Title of the Session
1	15-03-2021 (Monday)	9.45 A.M-11.00A.M (FN)	<b>Dr.D.Koteswara Raju</b> Assistant Professor, Department of Electrical Engineering, NIT, Silchar	<b>Internet of things and IOT application for Smart energy</b>
		2.00 P.M-4.00 P.M (AN)	<b>Dr.N.Satyanarayana,</b> Assistant Professor. Department of Electrical Engineering, MNIT Jaipur	<b>System modeling and Linearization</b>
	16-03-2021	10 A.M-12 P.M (FN)	<b>Dr. S. Sen</b> Professor, Department of Electrical Engineering, IIT,Kharagpur	<b>Process Automation and Control</b>

2	(Tuesday)	2.00 P.M-4.00 P.M (AN)	<b>Dr. Venkata Kirthiga</b> Associate Professor, Department of Electrical Engineering, NIT Tiruchirappalli	Cyber Physical Systems
3	17-03-2021 (Wednesday)	10 A.M-12 P.M (FN)	<b>Dr.Lalith Chandra Saikia,</b> Associate Professor, Department of Electrical Engineering, NIT,Silchar	Virtual Powerplant
		2.00 P.M-4.00 P.M (AN)	<b>Dr. Praveen Tripathi</b> Professor, Department of Electrical Engineering, IIT, Guhawati.	Smart grids & Power Management
4	18-03-2021 (Thursday)	9.30 A.M-11.30 A.M (FN)	<b>Dr.Chinmay Rajhans</b> Assistant Professor, Department of Electrical Engineering, VMJIT,Pune	Model Predictive Control and its Applications
		2.00 P.M-4.00 P.M (AN)	<b>Dr. V.T.Somasekhar ,</b> Professor, Department of Electrical Engineering, NIT, Warangal	Introduction to Open-end Winding Induction Motor Drives
5	19-03-2021 (Friday)	10 A.M-12 P.M (FN)	<b>Dr. R.C. Bansal,</b> Professor, Department of Electrical Engineering, University of Sharjah, UAE.	Automation & Control of Conventional Power Systems
		2.00 P.M-4.00 P.M (AN)	<b>Dr. Venkata Kirthiga</b> Associate Professor, Department of Electrical Engineering, NIT Tiruchirappalli	Cyber Physical Systems
6	20-03-2021 (Saturday)	10 A.M-12 P.M (FN)	<b>Dr.D.Koteswara Raju,</b> Assistant Professor, Department of Electrical Engineering, NIT, Silchar	IOT-based Intelligent Management of Electric Vehicles.
		2.00 P.M-4.00 P.M (AN)	<b>Dr. R.C. Bansal,</b> Professor, Department of Electrical Engineering, University of Sharjah, UAE.	Automation & Control of Renewable Distributed Generators (PV and Wind systems), Hybrid Power Systems, Microgrid, Smart Grid

**SESHADRI RAO**  
**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
**Seshadri Rao Knowledge Village, Gudlavalleru**

**Department of ELECTRICAL AND ELECTRONICS ENGINEERING**

8<sup>th</sup> February 2021

**CIRCULAR**

All the Non-Teaching staff of EEE department are requested to attend a Three day skill-up gradation Program on “**Industrial Automation Using PLC**” from 08-02-2021 to 10-02-2021.

Venue: Control Systems Lab

  
H.O.D

### The College:

The college is promoted by AANM & VVRSR Educational Society, Gudlavalleru and was established in 1998. The college is situated in Gudlavalleru, surrounded by lush green fields, providing serene atmosphere to learners. The college offers B.Tech. programmes in eight branches of Engineering viz, Civil, Electrical & Electronics, Mechanical, Electronics & Communication, Computer Science, Information Technology, Artificial Intelligence & Data Science, Internet of Things and CSE (Artificial Intelligence and Machine Learning) with a total intake of 1320. It also offers five PG programmes in Engineering (M.Tech.) and Business Management (MBA). The college is permanently affiliated to JNTUK, Kakinada and obtained the Autonomous status from U.G.C. in the year 2014 and the status extended till 2025. All the eligible branches of engineering are accredited by NBA, New Delhi. The Institution is continuously striving for excellence by adopting changes to improve the systems, practices and performance levels. TCS.

### The Department:

The Department of Electrical and Electronics Engineering was established in 1998 and is offering undergraduate course in Electrical and Electronics Engineering. It has been accredited 4 times (one time under Tier-1) by the National Board of Accreditation (NBA) and recognized as Research Centre by JNTUK, Kakinada. The department has qualified and experienced staff and well equipped Labs. Students of the department have been placed in a good number of core and software organizations and excelling in examinations like GATE, CAT etc. It is also offering M.Tech course in Power Electronics and Electric Drives. Department is marching forward keeping pace with the technological advances in Electrical and Electronics Engineering.

### Location:

Gudlavalleru is located on Gudivada – Machilipatnam route and is well connected by road and rail to Gudivada (10 kms), Machilipatnam (26 kms) and Vijayawada (55 kms).

### Objectives of the Program:

Industrial automation is the use of control devices such as PC/PLCs/PACs to control industrial processes and machinery by replacing as much as possible labour intervention and dangerous assembly operations with automated ones. In industrial control a wide number of process variables such as temperature, flow, pressure, distance, and liquid levels can be sensed simultaneously. All these variables are acquired, processed and controlled by microprocessor systems or PC based data processing controllers. . Programmable Logic Controller (PLC) is a digital computer interface used for the automation of various electro-mechanical processes in industries. The program is written on a computer and is downloaded to the PLC via cable. These loaded programs are stored in non – volatile memory of the PLC. During the transition of relay control panels to PLC, the hard wired relay logic was exchanged for the program fed by the user. A visual programming language known as the Ladder Logic is mostly used to program the PLC.

### Course Contents:

- Introduction to Industrial Automation
- Evolution of Industrial Automation
- Role of Sensors in Automation
- Human Machine Interface
- Introduction to Programmable Logic Controllers
- Real-time Industrial Automation Applications

**Resource Persons:** Sessions will be handled by experts from reputed organizations and proficient faculty of the institution.

## A Three Day Skill-Up Gradation Program

on

## "Industrial Automation Using PLC"

08<sup>th</sup> - 10<sup>th</sup> FEB, 2021



**REGISTRATION FEE: NIL.**

### Eligibility:

Faculty members from AICTE approved Engineering Colleges, working Professionals and practicing Engineers from various Research Organizations and Industries, Post Graduate Students and Research Scholars can apply.

### Important Dates:

**Last date for registration : 04-05-2021**

**Confirmation through mail : 05-05-2021**

### **Address for Correspondence:**

#### **Coordinator:**

Dr. K. Kalyan Raj, Asst.Prof.

Mobile: 7981812072

#### **Co-Coordination:**

Sri. Md.Rafi Khan, Assoc.Prof.

Mobile: 9848907459

Dr.J.Kiran , Asst.Prof.

Mobile: 9800160024

#### **Organizing Committee:**

Dr. M. Siva Kumar, Prof. & Mentor (ASA)

Dr. L.Ravi Srinivas, Prof.

Dr. G.Srinivasarao, Prof.

Sri. A.Amarendra, Assoc. Prof.

Smt. J.L.Santha Kumari, Assoc.Prof.

Smt. Ch.Sujatha, Assoc.Prof.

Smt. K.Vindhya Smitha, Assoc.Prof.

Sri. E.Vargil Kumar, Assoc.Prof.

Dr. B.Madhu Kiran, Assoc.Prof.

Dr.G.Kishore Babu, Assoc.Prof.

Dr. B.Mahesh Babu, Assoc.Prof.

Sri. G.Balaji, Asst.Prof.

Sri. J.Hema Sundar, Asst.Prof.

Sri. G.Ramesh, Asst.Prof.

Sri. D.Vijay Arun, Asst.Prof.

Sri. V.Naga Babu, Asst.Prof.

Sri. V.Pratap Babu, Asst.Prof.

Sri. P.Bala Koteswarao, Asst.Prof.

Smt. Ch.Trinayani, Asst.Prof.

Smt.Sufia Khannam, Asst.Prof.

Sri. B.Hanuman Dileep, Asst.Prof.

Smt.Sk.Rizwana. , Asst.Prof.

Sri.R.Koti Babu, Asst.Prof.

Ms.A.Sireesha, Asst.Prof.

### **Chief Patrons:**

Dr. Nageswara Rao Vallurupalli,

-Chairman, AANM & VVRSRES.

Sri. Srinivasa Rao Musunuri,

-Co-Chairman

Er. Satyanarayana Rao Vallurupalli,

-Secretary & Correspondent

Sri. Rama Krishna Vallurupalli,

-Co-Secretary & Correspondent

### **Patron:**

Dr. G.V.S.N.R.V.Prasad,

-Principal

### **Co-Patrons:**

Dr. P. Kodanda Rama Rao,

-Vice Principal Administration

Dr. M. R. Ch. Sastry-Vice Principal Academics

### **Advisors:**

Dr. P.Ravindra Babu, Advisor to the Management

Dr. P. Nageswara Reddy, Director (PGCRD)

Dr. B. Karuna Kumar, Director (AS&A)

### **Convenor:**

Dr. B. Dasu, Assoc. Prof & HOD(I/C)

### **Coordinator:**

Dr. L. Ravi Srinivas Rao, Prof.

### **Co-Coordination:**

Sri. Md.Rafi Khan, Assoc.Prof.

### **Advisory Committee:**

Dr. A.Srinivasulu, HoD (I/C), CE

Dr.A.Jawahar Babu, HoD, ME

Dr.Y.Rama Krishna, HoD, ECE

Dr.M.Babu Rao, HoD, CSE

Dr. Ch.Kavitha, HoD, IT

Dr. Ch.Nirmal Chand, HoD, MBA

Dr. S. Suresh, HoD(I/C), BS&H.



## **A THREE DAY SKILL-UP GRADATION PROGRAM**

*on*

## **“Industrial Automation Using PLC”**

**08<sup>th</sup> - 10<sup>th</sup> FEB, 2021**



**Organized by**

**Department of Electrical & Electronics  
Engineering**

**GUDLAVALLERU ENGINEERING COLLEGE**

**(An Autonomous Institute with Permanent Affiliation to  
JNTUK, Kakinada)**

**Seshadri Rao Knowledge Village Gudlavalluru-521 356,  
Krishna Dist. A.P. (Approved by AICTE, New Delhi,  
Accredited by NBA )**

Phone: (08674) 273737, 273888,

Fax: (08674) 273957

**E-mail:** [mstesgec@gmail.com](mailto:mstesgec@gmail.com)

Website: [www.gecgudlavalluru.ac.in](http://www.gecgudlavalluru.ac.in)



## Report On Three Day Skill-Up Gradation Program On “Industrial Automation using PLC”

The Department of Electrical and Electronics Engineering of Gudlavalleru Engineering College conducted three day Skill-Up Gradation Program on “Industrial Automation using PLC” during 08<sup>th</sup> to 10<sup>th</sup> February 2021. This workshop aims to provide good opportunity for the industry, faculty members and technical staff of various engineering colleges to gain basic knowledge about industrial automation applications using PLC. This program is to provide interaction and an opportunity to share view of academicians and practicing engineers.

Industrial automation is the use of control devices such as PC/PLCs/PACs to control industrial processes and machinery by replacing as much as possible labour intervention and dangerous assembly operations with automated ones. In industrial control a wide number of process variables such as temperature, flow, pressure, distance, and liquid levels can be sensed simultaneously. All these variables are acquired, processed and controlled by microprocessor systems or PC based data processing controllers. Programmable Logic Controller (PLC) is a digital computer interface used for the automation of various electro-mechanical processes in industries. The program is written on a computer and is downloaded to the PLC via cable. These loaded programs are stored in non – volatile memory of the PLC. During the transition of relay control panels to PLC, the hard wired relay logic was exchanged for the program fed by the user. A visual programming language known as the Ladder Logic is mostly used to program the PLC. Supervisory Control and Data Acquisition is a control system architecture that uses computers, networked data communications and graphical user interfaces for high-level process supervisory management. This workshop aims to provide good opportunity for the industry, faculty members and technical staff of various engineering colleges to gain basic knowledge about industrial automation applications using PLC.





# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, GUDLAVALLERU – 521 356, Andhra Pradesh.

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

*This is to certify that*

**Sri. G. B. raghavaiah**

*From*

**Gudlavalleru Engineering College**

*has participated in Three Day Workshop on “Industrial Automation Using PLC” organized by Department of Electrical and Electronics Engineering, Gudlavalleru Engineering College, Gudlavalleru during 08<sup>th</sup> – 10<sup>th</sup> February 2021.*

**Prof. (Dr.) M. Siva Kumar**  
Convenor

**Dr. B. Dasu**  
Head of Department(I/C)



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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

*This is to certify that*

**Sri. Sd. Imran**

*From*

**Gudlavalleru Engineering College**

*has participated in Three Day Workshop on “Industrial Automation Using PLC” organized by Department of Electrical and Electronics Engineering, Gudlavalleru Engineering College, Gudlavalleru during 08<sup>th</sup> - 10<sup>th</sup> February 2021.*

**Prof. (Dr.) M. Siva Kumar**  
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**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
**Seshadri Rao Knowledge Village, Gudlavalleru**

**Department of ELECTRICAL AND ELECTRONICS ENGINEERING**

11<sup>th</sup> November 2020

**CIRCULAR**

All the faculty members of EEE Department are requested to attend online AICTE Sponsored Training Program On “**AUTOMATION AND INTELLIGENT CONTROL OF ELECTRICAL SYSTEMS - Phase-III**” From 16<sup>st</sup>- 21<sup>th</sup> November 2020.

**REGISTRATION LINK:**

[https://docs.google.com/forms/d/1H5qzkiVrMtlR29QDw6F5FJ6DcG3YPusRZR4\\_SPIBGU/edit?usp=sharing](https://docs.google.com/forms/d/1H5qzkiVrMtlR29QDw6F5FJ6DcG3YPusRZR4_SPIBGU/edit?usp=sharing)



(Dr. L. Ravi Srinivas)  
H.O.D

## The College:

The Gudlavalluru Engineering College was established in 1998 by A.A.N.M. & V.V.R.S.R. Educational Society, Gudlavalluru. The College is situated at Gudlavalluru village, surrounded by lush green fields providing serene atmosphere to the learners. The college offers B.Tech programme in six branches of Engineering, viz., Civil, EEE, ME, ECE, CSE & IT, and PG courses in MBA and M.Tech (SE), M.Tech (PEED), M.Tech (MD), M.Tech (VLSI&ES), and M.Tech (CSE). The College is offering two new UG courses in Artificial Intelligence & Data Science and Internet of Things with an intake of 60 from the academic year 2020-21 onwards. All the eligible UG engineering programmes have been accredited by National Board of Accreditation (NBA) of AICTE, New Delhi and by NAAC. The college is also Accredited by TCS.

## The Department:

The Department of Electrical and Electronics Engineering was established in 1998 and is offering undergraduate course in Electrical and Electronics Engineering. It has been accredited 4 times (one time under Tier-1) by the National Board of Accreditation (NBA) and recognized as Research Centre by JNTUK, Kakinada. The department has qualified and experienced staff and well equipped Labs. Students of the department have been placed in a good number of core and software organizations and excelling in examinations like GATE, CAT etc. It is also offering M.Tech course in Power Electronics and Electric Drives. Department is marching forward keeping pace with the technological advances in Electrical and Electronics Engineering.

## Location:

Gudlavalluru is located on Gudivada - Machilipatnam route and is well connected by road and rail to Gudivada (10 kms), Machilipatnam (26 kms) and Vijayawada (55 kms).

## About the Program:

This program will be a platform to train the members towards the advances in Automation and Intelligent Control of Electrical systems and provide an avenue for research in all the recent advances in the various fields of electrical Engineering.

## Objectives of the Program:

- To train the participants towards advanced industrial drive and control applications.
- To educate participants about Automation and intelligent control and its applications in different domains of electrical engineering.
- To familiarize participants about the role of AC and DC drives in industrial automation.
- To make conversation with design and control applications in Electrical vehicles, Micro grid and Renewable energy systems.

## Resource Persons:

- **Dr. B.K. Roy, NIT, Silchar.**
- **Dr. Amit Kumar Jain, IIT Delhi.**
- **Dr. S. Surender Reddy, Woosong University South Korea.**
- **Dr. Shankar Peddapati, NIT, AP**
- **Dr. Chilaka Ranga, NIT, Srinagar.**
- **Er. Pavan Kumar Singh , Nextr AI & Digital Solutions, Bangalore.**



## AICTE Sponsored Short Term Training Program

on

## "AUTOMATION AND INTELLIGENT CONTROL OF ELECTRICAL

## SYSTEMS - Phase-III"

**16<sup>th</sup> - 21<sup>th</sup> November, 2020**

### REGISTRATION FEE:

No Registration Fee.

### REGISTRATION LINK:

[https://docs.google.com/forms/d/1H5qxzkiVrMtIR29QDw6F5FJ6DcG3YPusRZR4\\_SPIBGU/edit?usp=sharing](https://docs.google.com/forms/d/1H5qxzkiVrMtIR29QDw6F5FJ6DcG3YPusRZR4_SPIBGU/edit?usp=sharing)

### Eligibility:

Faculty members from AICTE approved Engineering Colleges, working Professionals and practicing Engineers from various Research Organizations and Industries, Post Graduate Students and Research Scholars can Apply.

### Important Dates:

**Last date for registration : 14-11-2020**

**Confirmation through mail: 15-11-2020**

**PLATFORM: Microsoft Teams**

### *Address for Correspondence:*

#### **Coordinator:**

Dr. M. Siva Kumar, Professor & Mentor (ASA)

Mobile: 9701764651

#### **Co-Coordinator:**

Dr. B. Dasu, Assoc. Prof.

Mobile: 8096029570

Dr. K. Kalyan Raj, Asst. Prof.

Mobile: 7981812072

Sri. Y. Anil Kumar, Asst. Prof.

Mobile: 949068953

#### **Organizing Committee:**

Dr. L.Ravi Srinivas, Prof. & HoD

Dr. G.Srinivasarao, Prof.

Sri. A.Amarendra, Assoc. Prof.

Smt. J.L.Santha Kumari, Assoc.Prof.

Smt. Ch.Sujatha, Assoc.Prof.

Sri. Md.Rafi Khan, Assoc.Prof.

Smt. K.Vindhya Smitha, Assoc.Prof.

Sri. E.Vargil Kumar, Assoc.Prof.

Dr. B.Madhu Kiran, Assoc.Prof.

Dr.G.Kishore Babu, Assoc.Prof.

Dr. B.Mahesh Babu, Assoc.Prof.

Dr. J.Kiran, Asst.Prof.

Sri. G.Balaji, Asst.Prof.

Sri. K.Santhosh Kumar, Asst.Prof.

Sri. J.Hema Sundar, Asst.Prof.

Sri. G.Ramesh, Asst.Prof.

Sri. D.Vijay Arun, Asst.Prof.

Sri. V.Naga Babu, Asst.Prof.

Sri. V.Pratap Babu, Asst.Prof.

Sri. P.Bala Koteswarao, Asst.Prof.

Sri. B.Rama Krishna, Asst.Prof.

Smt. Ch.Trinayani, Asst.Prof.

Smt.Sufia Khannam, Asst.Prof.

Sri. Y.Anil Kumar, Asst.Prof.

Sri. B.Hanuman Dileep, Asst.Prof.

### **Chief Patrons:**

Dr. Nageswara Rao Vallurupalli,

-Chairman, AANM & VVRSR, ES.

Sri. Srinivasa Rao Musunuri,

-Co-Chairman

Er. Satyanarayana Rao Vallurupalli,

-Secretary & Correspondent

Sri. Rama Krishna Vallurupalli,

-Co-Secretary & Correspondent

### **Patron:**

Dr. P. Ravindra Babu,

-Principal

### **Co-Patrons:**

Dr. G.V.S.N.R.V.Prasad,

-Vice Principal Academics

Dr. B. Karuna Kumar,

-Vice Principal Administration

### **Advisor:**

Dr. P. Nageswara Reddy, Director (AS&A)

### **Coordinator:**

Dr. M.Siva Kumar,

- Prof. & Mentor (ASA)

### **Co-Coordinator:**

Dr. B. Dasu, Assoc. Prof.

Dr. K. Kalyan Raj, Asst.Prof.

Sri. Y. Anil Kumar, Asst. Prof.

### **Advisory Committee:**

Dr. P.Kodanda Rama Rao, HoD, CE

Dr. M.R.Ch. Sastry, HoD, ME

Dr. V.V.K.D.V.Prasad, HoD, ECE

Dr. S.Narayana, HoD, CSE

Dr. Ch.Kavitha, HoD, IT

Dr. Ch.Nirmal Chand, HoD, MBA

Dr. G.S.Bhaskara Rao, HoD, BS&H.



## AICTE Sponsored Short Term Training Program

on

## "AUTOMATION AND INTELLIGENT CONTROL OF ELECTRICAL SYSTEMS - Phase-III"

16<sup>th</sup> - 21<sup>th</sup> November, 2020



Organized by

Department of Electrical & Electronics  
Engineering

**GUDLAVALLERU ENGINEERING COLLEGE**

(An Autonomous Institute with Permanent Affiliation to  
JNTUK, Kakinada)

Seshadri Rao Knowledge Village Gudlavalluru-521 356,  
Krishna Dist. A.P. (Approved by AICTE, New Delhi,  
Accredited by NBA & NAAC with 'A' Grade)

Phone: (08674) 273737, 273888,

Fax: (08674) 273957

E-mail: [geceeeaiactefdp@gmail.com](mailto:geceeeaiactefdp@gmail.com)

Website: [www.gecgudlavalluru.ac.in](http://www.gecgudlavalluru.ac.in)



**GUDLAVALLERU ENGINEERING COLLEGE**  
**SESHADRI RAO KNOWLEDGE VILLAGE**  
**GUDLAVALLERU – 521356 KRISHNA DISTRICT (A.P) INDIA**  
**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

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**Programme Schedule**

Day	Date	Time	Resource person	Title of the Session
1	16-11-2020 (Monday)	9.15 A.M-11.00A.M (FN)	Mr.Pavan Kumar Singh, Director/Founder, Nextr AI and Digital Solutions, Vishakapatnam,India	Introduction to Data Science and Machine Learning
		2.00 P.M-4.00 P.M (AN)		Hands on session on Machine Learning and its application to Electrical Engineering
2	17-11-2020 (Tuesday)	10 A.M-12 A.M (FN)	Dr. Sankar Peddapati Assistant Professor, Department of Electrical Engineering, NIT Andhra Pradesh	Meta-Heuristic Optimization techniques
		2.00 P.M-4.00 P.M (AN)		MPPT Tracking in PV systems.
3	18-11-2020 (Wednesday)	10 A.M-12 A.M (FN)	Dr. S. Surender Reddy, Professor, Department of Railroad and Electrical Engineering, Woosong University, Daejeon, Republic of Korea	Impact of Electric Vehicles and Storage Systems in Optimal Operation of Hybrid Power Systems
		2.00 P.M-4.00 P.M (AN)		Various Transmission Congestion Management Methods in Deregulated Power Systems
4	19-11-2020 (Thursday)	10 A.M-12 A.M (FN)	Dr. Chilaka Ranga, Assistant Professor, Department of Electrical Engineering, NIT Srinagar, India.	Condition Monitoring and Fault Diagnosis of Power Transformer
		2.00 P.M-4.00 P.M (AN)		Recent Trends in Diagnosis of Power Transformer.

5	20-11-2020 (Friday)	10 A.M-12 A.M (FN)	<b>Dr. Binoy Krishna Roy,</b> Professor, Department of Electrical Engineering, NIT Silchar, India..	Industrial Automation – a few cases and Networked-Control System – a new trend
		2.00 P.M-4.00 P.M (AN)	<b>Dr. Dasu Butti</b> Associate Professor Department of Electrical & Electronics Engineering, GEC, Gudlavalleru, India.	Interconnected Multi-machine Power System Stabilizer Design using Heuristic Algorithms
6	21-11-2020 (Saturday)	10 A.M-12 A.M (FN)	<b>Dr. Ranjan Kumar Behera</b> Associate Professor Department of Electrical Engineering, IIT Patna, India.	High performance 3-phase and Multiphase Induction motor drives for traction applications.
		2.00 P.M-4.00 P.M (AN)	<b>Dr. Sanjib Ganguly</b> Associate Professor Department of Electronics & Electrical Engineering, IIT Guwahati, India.	Optimization Under Uncertainty - A Fuzzy-based Approach

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**All India Council for Technical Education**  
 (A Statutory body under Ministry of HRD, Govt. of India)  
 Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)



**STTP- Sanction Letter**

Ref. No. 34-65/207/RIFD/STTP/Policy-1/2018-19

Date 21 FEB 2020

To  
 The Drawing and Disbursing Officer,  
 All India Council for Technical Education,  
 Nelson Mandela Marg,  
 Vasant Kunj, New Delhi - 110070

**Sub:** Release of grant for conduct of Short Term Training Programme (STTP) under AQIS 2018-19 during the financial year 2019-20- reg.

Sir,

This is to convey the sanction of the Council for payment of **Rs. 385666 /- (Rupees Three Lakh EightyFive Thousand Six Hundred SixtySix Only)** for conduct of Short Term Training Program as per details given below:-

1.	Name and address of the beneficiary University / Institution	GUDLAVALLERU ENGINEERING COLLEGE , SESHADRI RAO KNOWLEDGE VILLAGE, GUDLAVALLERU-521356, KRISHNA DISTRICT, ANDHRA PRADESH KRISHNA-521356 Andhra Pradesh
2.	Permanent ID of Institute	1-8998977
3.	Institute type	Unaided - Private
4.	Name of Coordinator	Dr. SIVA MANGIPUDI
5.	Amount sanctioned	Rs. 385666/-
6.	Amount to be released	Rs.385666/- Full & final payment
7.	Head of account	<b>601.15(a) Gen. Short Term Training Programme (Plan)</b>
8.	The authorized officer in whose favour Cheque/ Demand Draft/ RTGS is to be made	REGISTRAR / DIRECTOR / PRINCIPAL
9.	Title of the programme	Automation and Intelligent Control Electrical systems

- The amount of the grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the grant-in-aid bill and shall be disbursed to and credited to the Registrar/ Director/Principal of the institute through RTGS.

2. This grant-in-aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.
3. The Principal of the Institute and the Coordinator of the Program are requested to verify the correctness of the under-mentioned Bank Account / RTGS Details submitted by them alongwith the proposals, in which the grant is being released:-

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AACAG4307 M	STATE BANK OF INDIA	GUDLAVALLE RU	MAIN ROAD, GUDLAVALLE RU - 521 356, KRISHNA DISTRICT.	PRINCIPAL, GUDLAVALLE RU ENGINEERING COLLEGE	Current Account	353390358 82	SBIN00014 61

### **Instructions/Guidelines to be followed by the University/Institution**

#### **I. Disbursement of funds to University/Institutions**

- a. The full amount of the grant sanctioned is being released as advance to the University/Institute.
- b. The amount spent by the institute on the conduct of STTP shall be adjusted on the basis of utilization certificate and detailed expenditure statement submitted by the University/Institution on the prescribed format along with other mandatory documents viz feedback form, copy of proceedings and completion report etc.
- c. The above said amount of grant shall be refunded back to AICTE if the Letter of Approval (LOA) / Extension of Approval (EOA) is not issued by AICTE to the institute for the academic year 2019-20.

#### **II Maintenance of Accounts**

- a. The Institute shall strictly follow the provisions laid down in the scheme document as available on the portal.
- b. Funds covered by this grant shall be kept separately and would not be mixed up with other funds so as to know the amount of interest accrued on the grant.
- c. The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure.
- d. The grant is intended to cover items of expenditure connected with the Short Term Training Programme such as Boarding & Lodging to the participants, TA to outstation participants, Honorarium to Course Coordinator, reading material to participants, Honorarium to resource persons, TA/DA to resource persons including two outstations resource persons & working expenses (reprographic services, postage, transport, daily wages, tea/coffee etc.

#### **III. Conduct of test and issuance of certificate**

A test shall be conducted by Program Evaluation Committee (PEC) at the end of the program and the certificates shall be issued to those participants who have attended the program and have qualified in the test.

#### IV. Submission of Documents by the University/Institutions to AICTE

a. The following mandatory relevant documents are required to be submitted by the University/Institution within one month of the completion of the program:-

- (i) Original Statement of actual expenditure & Utilization Certificate in the prescribed proforma duly signed by the Head of the institution and countersigned by Registrar/Finance Officer/Govt. Auditor. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed and sealed by a Chartered Accountant endorsing the membership number and complete postal address. Format for the same is available on AICTE web portal.

The University/Institution is not required to submit bills/vouchers/invoices etc for the expenditure incurred out of recurring grants. However, such copies of bills/vouchers/invoices shall be digitized by respective institutions receiving grant and uploaded scanned copies of such bills/vouchers/invoices etc on the portal for availability and view at any point of time.

- (ii) Feedback form in the prescribed proforma.
  - (iii) Copy of the proceedings and completion report.
  - (iv) List of candidates who have successfully completed the program on the basis of the test conducted by Program Evaluation Committee (PEC).
  - (v) Report submitted by Program Evaluation Committee (PEC).
- b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University/Institution. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid adjusted.

#### V. General instructions

- a. **Preferably 10% of the participants may be industry professionals deputed by industry. Further, not more than 2 participants shall be from the host institution/group of institutions.**
- b. **Money to be reimbursed on the grant (for any reasons to include unspent amount, interest , penalty if imposed) shall be refunded back to AICTE in the form of Demand Draft payable to Member Secretary, AICTE, New Delhi.**
- c. **As AICTE needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.**
- d. **The STTP is a residential program of a duration of six days with minimum 40 participants.** The approved STTP shall be conducted within three months from the date of release of funds.
- e. **If programme is not conducted in the period of three months of the issuance of this Sanction Order, the released amount, alongwith interest accrued thereon, has to be necessarily returned back to AICTE within a month.**

- f. The expenditure under the Heads '**Honorarium to Course Coordinator**' and '**Honorarium to Resource Persons**' shall not exceed **1% & 20% respectively** of the total sanctioned grant for the Programme. However, overall expenditure shall not exceed the funds sanctioned for the Programme.
- g. Any extra money required to complete the programme must be borne by the institute from their own resources. But the quality of the activities should not be compromised.
- h. Any unavoidable circumstantial change in the program with respect to name of Project Coordinator, Venue and date for organizing STTP would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File No. 34-65/207/RIFD/STTP/Policy-1/2018-19 in your future correspondence.
- i. **Program Evaluation Committee (PEC)** is required to be constituted at institutional level. The constitution of the PEC shall be as under:
- (i) Principal/Director/Registrar of the institution (Chairperson).
  - (ii) Coordinator of the program (Member Secretary).
  - (iii) Two HoDs and one subject expert (members).

The members of the said PEC shall not be below the rank of Associate Professor. A test shall be conducted by Program Evaluation Committee (PEC) at the end of the program and the certificates shall be issued to those participants who have attended the program and have qualified in the test. The minutes of the meetings, along with PEC report, are to be submitted to the Council at end of the program along with other mandatory documents.

- j. **GoI GFR rules** (@<https://doe.gov.in/order-circular/general-financial-rules2017-0>) should be followed during utilization of grant.
- k. This Sanction Order may be treated as Offer Letter for all purposes.

**NOTE:- Any deviation from the above will invoke serious action against the Institute.**

Yours sincerely,

(Col. B Venkat)  
Director (FDC)

Copy forwarded for information and necessary action to: -

21 FEB 2020

1. **Name and Address of the Coordinator**  
Dr. SIVA MANGIPUDI  
GUDLAVALLERU ENGINEERING COLLEGE  
SESHADRI RAO KNOWLEDGE VILLAGE, GUDLAVALLERU-521356, KRISHNA  
DISTRICT, ANDHRA PRADESH  
GUDLAVALLERU 521356 Andhra Pradesh
2. **The Registrar / Director / Principal**  
GUDLAVALLERU ENGINEERING COLLEGE

Timestamp	Saluta Name of the Participant(As Required on Certificate)	Name of the Institute(As Required on Certificate)	Department	Designation	Email id	Mobile Number (Whatsapp)
11/10/2022	Mr. AMARENDRA ALLURI	GUDLAVALLERU ENGINEERING COLLEGE	ELECTRICAL AND ELEC	ASSOCIATE PROFESSOR	amarendrabackup@gmail.com	9502626726
11/9/2022	Mr. ANIL KUMAR YARLAGADDA	Gudlavalleru Engineering college	ELECTRICAL AND ELEC	ASSISTANT PROFESSOR	Yanilkumar202@gmail.com	9490689853
11/9/2022	Dr. B. Mahesh Babu	Gudlavalleru engg college	ELECTRICAL AND ELEC	ASSOCIATE PROFESSOR	drbmbeee@gecgudlavalleru.com	8555026043
11/9/2022	Dr. B.MADHU KIRAN	GUDLAVALLERU ENGINEERING COLLEGE	ELECTRICAL AND ELEC	ASSOCIATE PROFESSOR	madhukiran1.eee@gmail.com	9391650890
11/12/2022	Mr. BALAJI GUTTA	GUDLAVALLERU ENGINEERING COLLEGE	ELECTRICAL AND ELEC	ASSISTANT PROFESSOR	gbalaji@gecgudlavalleru.com	7285979569
11/9/2022	Mr. N Sagar Teja Yadav	UCEK,JNTUK, KAKINADA	ELECTRICAL AND ELEC	Assistant professor (c)	nammi.sagar822@gmail.com	9491254231
11/9/2022	Mr. Srikakulapu Venkatesh	Nadimpalli satyanarayana raju institute of technology	ELECTRICAL AND ELEC	Student	venkysrikakulapu@gmail.com	8897050398
11/9/2022	Mr. Vasupalli Manoj	GMR Institute of Technology	Power Engineering	ASSISTANT PROFESSOR	manojv287@gmail.com	9110555294
11/9/2022	Dr. Mohammad Faraz Ahmer	Mewat Engineering College	ELECTRICAL AND ELEC	ASSISTANT PROFESSOR	farazahmer007@gmail.com	9837120981
11/9/2022	Mr. U.SOMU MAHESH (TECHNICAL LAB ASSISTANT)	JNTUA COLLEGE OF ENGINEERING KALIKIRI ANDHRA PRADESH	ELECTRICAL AND ELEC	Technical lab assistant	usomumahesh218@gmail.com	7013568246
11/9/2022	Mr. N V A RAVIKUMAR	GMR Institute of Technology	ELECTRICAL AND ELEC	ASSISTANT PROFESSOR	nvaravikumar23@gmail.com	8309748184
11/9/2022	Dr. A.sudhakar	MLR Institute of Technology	ELECTRICAL AND ELEC	PROFESSOR	ambarapusudhakar@gmail.com	9966424587
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11/9/2022	Dr. P.Sobha Rani	Lakireddy Balireddy college of Engineering	ELECTRICAL AND ELEC	PROFESSOR	sobhareveru@gmail.com	9959108386
11/9/2022	Dr. R K Suneeta	JB Institute of Engineering and Technology	ELECTRICAL AND ELEC	PROFESSOR	suneeta.eee@jbiet.edu.in	9392361561
11/9/2022	Mrs. B. G.Madhuri	RaghuEngineering college	ELECTRICAL AND ELEC	ASSISTANT PROFESSOR	madhuri05eee05@gmail.com	9908725792
11/9/2022	Mr. SYED ABDUL RAHEEM	VASIREDDY VENKATADRI INSTITUTE OF TECHNOLOGY	ELECTRICAL AND ELEC	ASSISTANT PROFESSOR	raheem.khit@gmail.com	8125827728
11/9/2022	Mr. Mr. GADUPUDI LAKSHMINARAYANA	VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELEC	ASSISTANT PROFESSOR	lakshminarayana_g@vnr.edu.in	9441442566
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11/16/2022	Mr. BATCHU HANUMAN DILEEP	GUDLAVALLERU ENGINEERING COLLEGE	ELECTRICAL AND ELEC	ASSISTANT PROFESSOR	hanumanb2006@gecgudlavalleru.com	9492277578
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11/9/2022	Mr. V.jagadeesh venkat	AANM AND VVRSR POLYTECHNIC COLLEGE	ELECTRICAL AND ELEC	Lecturer	jagadeeshvenkat114@gmail.com	+918919378572
11/9/2022	Mr. PRAKASH C	JCT COLLEGE OF ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELEC	ASSISTANT PROFESSOR	prakashvaiju@gmail.com	7010120569
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11/9/2022	Mr. B. Sakthikumar	Government college of engineering, bodinayakanur, Theni	ELECTRICAL AND ELEC	Student	sakthi1362002@gmail.com	7667520035
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11/16/2022	Mrs. CH. Trinayani	Gudlavalleru Engineering College	ELECTRICAL AND ELEC	ASSISTANT PROFESSOR	trinayanigeceee@gmail.com	9848048334
11/9/2022	Mr. VEERAAIAH NAGULLA	VISHNU INSTITUTE OF TECHNOLOGY, BHIMAVARAM	ELECTRICAL AND ELEC	ASSISTANT PROFESSOR	veeraiah078@gmail.com	9182583846
11/9/2022	Dr. R. KIRANMAYI	JNTUA CEA	ELECTRICAL AND ELEC	PROFESSOR	kiranmayi0109@gmail.com	9848448584
11/9/2022	Mr. CHITTIBOMMALA SIVA NARAYANA	VISHNU INSTITUTE OF TECHNOLOGY	ELECTRICAL AND ELEC	ASSISTANT PROFESSOR	siva170592@gmail.com	9491625321
11/9/2022	Dr. Dr PAPPULA SAMPATH KUMAR	BAPATLA ENGINEERING COLLEGE	ELECTRICAL AND ELEC	ASSOCIATE PROFESSOR	pappulasampathkumar@gmail.com	9949961619
11/10/2022	Mrs. ch.sujatha	gudlavalleru engineering college	ELECTRICAL AND ELEC	ASSOCIATE PROFESSOR	ksujathasagar@gmail.com	9985955293
11/9/2022	Mr. M.MANICKAM	IRT POLYTECHNIC COLLEGE, BARGUR	ELECTRICAL AND ELEC	LECTURER	manikamprema16@gmail.com	8667384998
11/9/2022	Dr. K.Sheela Sobana Rani	Sri Ramakrishna Institute of Technology	ELECTRICAL AND ELEC	ASSOCIATE PROFESSOR	yuvsheka@gmail.com	09442933334
11/9/2022	Mrs. PRABHA MAHESWARI M	Sri Ramakrishna institute of Technology	ELECTRICAL AND ELEC	ASSISTANT PROFESSOR	prabhamaheswari.eee@sriit.ac.in	9842520211
11/9/2022	Mr. RAMU BHUKYA	SHRI VISHNU ENGINEERING COLLGE FOR WOMEN(Autonomous)	ELECTRICAL AND ELEC	ASSISTANT PROFESSOR	ramu1632@svecw.edu.in	9490379598
11/9/2022	Dr. Dr.C.SHILAJA	Dr.C.SHILAJA	ELECTRICAL AND ELEC	ASSISTANT PROFESSOR	shilaja.research@gmail.com	9659631680
11/9/2022	Mr. Iyyappan M	Iyyappan M	ELECTRICAL AND ELEC	FE	iyappan.btech.eee@gmail.com	9715494725
11/17/2022	Mr. Chandra Mohan M	Bharath Institute of Higher Education and Research,BIST,Chennai	Mechatronics	ASSISTANT PROFESSOR	indiranimohan1993@gmail.com	9600880154
11/9/2022	Mr. VARAPRASAD THADI	VARAPRASAD THADI	ELECTRICAL AND ELEC	ASSOCIATE PROFESSOR	varamtech07@gmail.com	09985146338
11/9/2022	Mrs. S.GOMATHY	Sri Ramakrishna Institute of Technology	ELECTRICAL AND ELEC	ASSISTANT PROFESSOR	gomathy.eee@srit.org	9789671201
11/14/2022	Mr. D. Vijay Arun	Gudlavalleru Engineering College	ELECTRICAL AND ELEC	ASSISTANT PROFESSOR	vijayarun18@gmail.com	9032933078
11/9/2022	Dr. K. Hari Krishna	Kallam Haranadhareddy Institute of Technology	ELECTRICAL AND ELEC	PROFESSOR	harikrishnaketha81@gmail.com	9849048409
11/9/2022	Mr. PARVEZ AKHTAR KHAN	INTEGRAL UNIVERSITY LUCKNOW	MECHANICAL ENGINEE	LECTURER	parvez.trk.sbd@gmail.com	+916387098334
11/9/2022	Mr. Polu Veeraraghava Reddy	Tkr college of Engineering and Technology	ELECTRICAL AND ELEC	ASSISTANT PROFESSOR	Polu240@gmail.com	9908302343
11/9/2022	Mr. K PRABHAKARA RAO	VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY HYDERABAD	ELECTRICAL AND ELEC	ASSISTANT PROFESSOR	prabhakar.konakala@gmail.com	9492941781
11/9/2022	Mr. MR. JAGDISH PITAMBAR DHOLWANI	NATIONAL INSTITUTE OF TECHNOLOGY SILCHAR ASSAM	ELECTRICAL ENGINEEF	RESEARCH SCHOLAR	jagdishdholwani@gmail.com	8856866809
11/9/2022	Mr. Ramashis Banerjee	NIT Silchar	ELECTRICAL ENGINEEF	RESEARCH SCHOLAR	ramashisbanerjee@gmail.com	9163607633
11/9/2022	Mr. R Mohan Kumar	Sri Ramakrishna Engineering College	ELECTRICAL AND ELEC	ASSISTANT PROFESSOR	mohankumar.r@sec.ac.in	9942159421

**GUDLAVALLERU ENGINEERING COLLEGE(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village Gudlavalleru-521 356, Krishna Dist. A.P.**

**Department of Electrical & Electronics Engineering  
AICTE Sponsored Short Term Training Program on  
"AUTOMATION AND INTELLIGENT CONTROL OF ELECTRICALSYSTEMS - Phase-III"**

**Attendance Report**

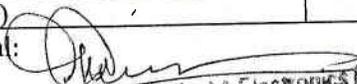
S.no	Full Name	Full Name	Full Name	Full Name	Full Name	Full Name	Full Name	Full Name	Full Name	Full Name	Full Name	Full Name
1	GEC EEE FDP	GEC EEE FDP	GEC EEE FDP	GEC EEE FDP	GEC EEE FDP	GEC EEE FDP	GEC EEE FDP	GEC EEE FDP	GEC EEE FDP	GEC EEE FDP	GEC EEE FDP	GEC EEE FDP
2	Y. Anil Kumar	Y. Anil Kumar	Ch. Sujatha	Y. Anil Kumar	Ch. Sujatha	Ch. Sujatha	Ch. Sujatha	Y. Anil Kumar	Amarendra a Alluri	Y. Anil Kumar	Dr. K. Kalyanraj	B. Dasu
3	Ch. Sujatha	Ch. Sujatha	Dr. Jasthi kiran	prakash (Guest)	B. Dasu	B. Dasu	Dr. G. Kishore Babu	B. Dasu	Ch. Sujatha	B. Rama Krishna	Dr. Srinivasa Rao Gampa	Dr. Sudheer Vinnakoti (Guest)
4	Dr. Sudheer Vinnakoti	Dr. Sudheer Vinnakoti	Dr. Srinivasa Rao Gampa	BMB	NAVEEN	NAVEEN	B. Rama Krishna	Narayan Malakar (Guest)	Dr. K. Kalyanraj	Dr. Sudheer Vinnakoti (Guest)	Vindhya Smitha. K	Polu240
5	Hema Sundar	Hema Sundar	Dr. G. Kishore Babu	B. Rama Krishna	Vargil Kumar	Vargil Kumar	Dr. Srinivasa Rao Gampa	prakash (Guest)	Dr. G. Kishore Babu	Ch. Sujatha	Amarendra a Alluri	Ranjith Krishna
6	V. Naga Babu	V. Naga Babu	Vargil Kumar	Dr S Srinivasulu Raju (Guest)	Ranjith Krishna (Guest)	Ranjith Krishna (Guest)	B. Dasu	Thandava Krishna Sai Pandraju	B. Dasu	Dr kiran jasthi (Guest)	Sanmukha Naga Raju Vonteddu (Guest)	Vijaya lakshmi A S V (Guest)

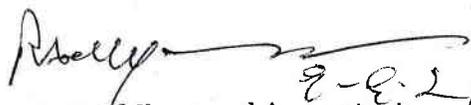
**GUDLAVALLERU ENGINEERING COLLEGE**  
 (An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
 Seshadrirao Knowledge Village::Gudlalleru  
**AICTE sponsored Online Short Term Training Programme on**  
**"Automation & Intelligent Control Of Electrical Systems" Phase-III**  
**16 – 21, November 2020**

**STATEMENT OF EXPENDITURE**

S. No.	Purpose	Amount	Total Amount	
1	Honorarium for experts	Mr.Pavan Kumar Singh, Director/Founder, Nextr AI and Digital Solutions, Vishakapatnam, India	10000.00	70000.00
		Dr. Sankar Peddapati Assistant Professor, Department of Electrical Engineering, National Institute of Technology, Andhra Pradesh	10000.00	
		Dr. S. Surender Reddy, Professor, Department of Railroad and Electrical Engineering, Woosong University, Daejeon, Republic of Korea.	10000.00	
		Dr. Chilaka Ranga, Assistant Professor, Department of Electrical Engineering, NIT Srinagar, India.	10000.00	
		Dr. Binoy Krishna Roy, Professor, Department of Electrical Engineering, NIT Silchar, India.	10000.00	
		Dr.Ranjan kumar Behra, Professor, Indian Institute of Technology, Patna	10000.00	
		Dr. Sanjib Ganguly Associate Professor Department of Electronics &Electrical Engineering, IIT Guwahati,India.	10000.00	
2	Honorarium for Coordinator	Dr. M.Siva Kumar Professor, Gudlalleru Engineering College	5000.00	5000.00
3	Lab attendant engaged during lab practices	Mr.M.S.S.Saikumar, Lab Tech. Gudlalleru Engineering College	3000.00	3000.00
4	Miscellaneous charges	(A) Purchase of items for online lectures. i. Head phones Rs.3490 ii. UTG cable Rs.299 iii. Logitech webcam Rs.2595	6384.00	10000.00
		(B) snacks, tea Rs2004 and stationary Rs.1612	3616.00	
Grand total			(Eighty-eight thousand rupees only)	88000.00

1) Name, Signature & Address of the Coordinator with Seal:

  
 Electrical & Electronics Engineering  
 Gudlalleru Engineering College  
**GUDLAVALLERU - 521 356**

2) Signature of Chartered Accountant:  
  
 Name of Chartered Accountant:  
 the Institute: **R. Satyanarayana, B.Com., F.C.A.**  
 Membership No: **M.No: 7189**  
 Rubber Stamp: **Partner: M/s. Siva Krishna & Narayan**  
**Chartered Accountants**  
 Full Address: **ICAI Regn. No: 003883S**

3) Signature of Head of the Institute;  
 Name & Designation of the Head of  
 Gudlalleru Engineering College  
 Rubber Stamp: **GUDLAVALLERU-521356**  
 Full Address:  
 Date:



# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, GUDLAVALLERU – 521 356, Andhra Pradesh.



## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

*This is to certify that*

**Dr. Srinivasa Rao Gampa**

*From*

**GUDLAVALLERU ENGINEERING COLLEGE(JNTUK)**

*has participated in AICTE Sponsored Short Term Training Program on “Automation and Intelligent Control of Electrical Systems-Phase-III” organized by Department of Electrical and Electronics Engineering, Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru during 16<sup>th</sup> – 21<sup>st</sup> Novemeber, 2020.*

Prof. (Dr.) M. SIVAKUMAR  
Co-ordinator

Prof. (Dr.) L. R. SRINIVAS  
Head of Department

Prof. (Dr.) P. RAVINDRA BABU  
Principal



# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, GUDLAVALLERU – 521 356, Andhra Pradesh.



## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

*This is to certify that*

**Dr. L Ravi Srinivas**

*From*

**Gudlavalleru Engineering College**

*has participated in AICTE Sponsored Short Term Training Program on “Automation and Intelligent Control of Electrical Systems-Phase-III” organized by Department of Electrical and Electronics Engineering, Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru during 16<sup>th</sup> – 21<sup>st</sup> Novemeber, 2020.*

Prof. (Dr.) M. SIVAKUMAR  
Co-ordinator

Prof. (Dr.) L. R. SRINIVAS  
Head of Department

Prof. (Dr.) P. RAVINDRA BABU  
Principal



**GUDLAVALLERU ENGINEERING COLLEGE  
SESHADRI RAO KNOWLEDGE VILLAGE  
GUDLAVALLERU – 521356 KRISHNA DISTRICT (A.P) INDIA  
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

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**Report on One Week Faculty Development Programme-2020**

***AICTE Sponsored Short Term Training Program on "AUTOMATION AND INTELLIGENT CONTROL OF ELECTRICALSYSTEMS - Phase-III"***

1. The Department of Electrical and Electronics Engineering of Gudlavalleru Engineering College conducted a One Week Faculty Development Programme on “**AUTOMATION AND INTELLIGENT CONTROL OF ELECTRICALSYSTEMS**” during 16<sup>th</sup> to 21<sup>st</sup> November 2020. About 45 Full time Research Scholars, PG Students and academicians from Engineering & Science colleges from EEE departments have participated in this program.
2. The goal of this FDP is to bring together experts carrying their research on renewable energy source, microgrids and artificial Intelligence. In particular, the main aim of the FDP is to enhance the learning capabilities of the participants in Machine learning, Fault Identification and classification in transformers , Meta-Heuristic Optimization techniques, Optimal Operation of Hybrid Power Systems and fuzzy-logic for optimization during uncertainties. The FDP cover planning and control of the power system with renewable energy sources and corresponding research challenges.
3. The resource persons and discourse topics for the Faculty Development Programme

Day	Date	Time	Resource person	Title of the Session
1	<b>16-11-2020 (Monday)</b>	<b>9.15 A.M-11.00A.M (FN)</b>	<b>Mr.Pavan Kumar Singh,</b> Director/Founder, Nextr AI and Digital Solutions, Vishakapatnam,India	Introduction to Data Science and Machine Learning
		<b>2.00 P.M-4.00 P.M (AN)</b>		Hands on session on Machine Learning and its application to Electrical Engineering

2	17-11-2020 (Tuesday)	10 A.M-12 A.M (FN)	Dr. Sankar Peddapati Assistant Professor, Department of Electrical Engineering, NIT Andhra Pradesh	Meta-Heuristic Optimization techniques
		2.00 P.M-4.00 P.M (AN)		MPPT Tracking in PV systems.
3	18-11-2020 (Wednesday)	10 A.M-12 A.M (FN)	Dr. S. Surender Reddy, Professor, Department of Railroad and Electrical Engineering, Woosong University, Daejeon, Republic of Korea	Impact of Electric Vehicles and Storage Systems in Optimal Operation of Hybrid Power Systems
		2.00 P.M-4.00 P.M (AN)		Various Transmission Congestion Management Methods in Deregulated Power Systems
4	19-11-2020 (Thursday)	10 A.M-12 A.M (FN)	Dr. Chilaka Ranga, Assistant Professor, Department of Electrical Engineering, NIT Srinagar, India.	Condition Monitoring and Fault Diagnosis of Power Transformer
		2.00 P.M-4.00 P.M (AN)		Recent Trends in Diagnosis of Power Transformer.
5	20-11-2020 (Friday)	10 A.M-12 A.M (FN)	Dr. Binoy Krishna Roy, Professor, Department of Electrical Engineering, NIT Silchar, India..	Industrial Automation – a few cases and Networked-Control System – a new trend
		2.00 P.M-4.00 P.M (AN)	Dr. Dasu Butti Associate Professor Department of Electrical & Electronics Engineering, GEC, Gudlavalleru, India.	Interconnected Multi-machine Power System Stabilizer Design using Heuristic Algorithms
6	21-11-2020 (Saturday)	10 A.M-12 A.M (FN)	Dr. Ranjan Kumar Behera Associate Professor Department of Electrical Engineering, IIT Patna, India.	High performance 3-phase and Multiphase Induction motor drives for traction applications.
		2.00 P.M-4.00 P.M (AN)	Dr. Sanjib Ganguly Associate Professor Department of Electronics & Electrical Engineering, IIT Guwahati, India.	Optimization Under Uncertainty - A Fuzzy-based Approach

**GUDLAVALLERU ENGINEERING COLLEGE**  
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**Seshadri Rao Knowledge Village, Gudlavalleru**

**Department of ELECTRICAL AND ELECTRONICS ENGINEERING**

17<sup>th</sup> September 2020

**CIRCULAR**

All the faculty members of EEE Department are requested to attend online AICTE Sponsored Training Program On “**AUTOMATION AND INTELLIGENT CONTROL OF ELECTRICAL SYSTEMS - Phase-II**” From 21<sup>st</sup>- 26<sup>th</sup> September 2020.

**REGISTRATION LINK:**

[https://docs.google.com/forms/d/1MwrMhY7m579L2pQ\\_0lmovRzsjkEGs7oMfWRoin0KfV8/edit?usp=sharing](https://docs.google.com/forms/d/1MwrMhY7m579L2pQ_0lmovRzsjkEGs7oMfWRoin0KfV8/edit?usp=sharing)



(Dr. L. Ravi Srinivas)  
H.O.D

### The College:

The Gudlavalleru Engineering College was established in 1998 by A.A.N.M. & V.V.R.S.R. Educational Society, Gudlavalleru. The College is situated at Gudlavalleru village, surrounded by lush green fields providing serene atmosphere to the learners. The college offers B.Tech programme in six branches of Engineering, viz., Civil, EEE, ME, ECE, CSE & IT, and PG courses in MBA and M.Tech (SE), M.Tech (PEED), M.Tech (MD), M.Tech (VLSI&ES), and M.Tech (CSE). The College is offering two new UG courses in Artificial Intelligence & Data Science and Internet of Things with an intake of 60 from the academic year 2020-21 onwards. All the eligible UG engineering programmes have been accredited by National Board of Accreditation (NBA) of AICTE, New Delhi and by NAAC. The college is also Accredited by TCS.

### The Department:

The Department of Electrical and Electronics Engineering was established in 1998 and is offering undergraduate course in Electrical and Electronics Engineering. It has been accredited 4 times (one time under Tier-1) by the National Board of Accreditation (NBA) and recognized as Research Centre by JNTUK, Kakinada. The department has qualified and experienced staff and well equipped Labs. Students of the department have been placed in a good number of core and software organizations and excelling in examinations like GATE, CAT etc. It is also offering M.Tech course in Power Electronics and Electric Drives. Department is marching forward keeping pace with the technological advances in Electrical and Electronics Engineering.

### Location:

Gudlavalleru is located on Gudivada - Machilipatnam route and is well connected by road and rail to Gudivada (10 kms), Machilipatnam (26 kms) and Vijayawada (55 kms).

### About the Program:

This program will be a platform to train the members towards the advances in Automation and Intelligent Control of Electrical systems and provide an avenue for research in all the recent advances in the various fields of electrical Engineering.

### Objectives of the Program:

- To train the participants towards advanced industrial drive and control applications.
- To educate participants about Automation and intelligent control and its applications in different domains of electrical engineering.
- To familiarize participants about the role of AC and DC drives in industrial automation.
- To make conversation with design and control applications in Electrical vehicles, Micro grid and Renewable energy systems.

### Resource Persons:

- **Dr. R.C. Bansal, University of Sharjah, UAE.**
- **Dr. Sandip Ghosh, IIT, BHU.**
- **Dr. Rajiv Ranjan Sahay, IIT, Kharagpur.**
- **Dr. D.Koteswara Raju, NIT, Silchar.**
- **Dr. Arvind Singh, Shandong University, China.**
- **Dr. Vimlesh Verma, NIT, Patna.**
- **Dr. Y.V. Hote, IIT, Roorkee.**
- **Dr. Ritesh Kumar Keshri, VNIT, Nagpur.**



## AICTE Sponsored Short Term Training Program

on

## "AUTOMATION AND INTELLIGENT CONTROL OF ELECTRICAL

## SYSTEMS - Phase-II"

**21<sup>st</sup> - 26<sup>th</sup> September, 2020**

### REGISTRATION FEE:

No Registration Fee.

### REGISTRATION LINK:

[https://docs.google.com/forms/d/1MwrMhY7m579L2pQ\\_0lmovRzsjkEGs7oMfWRoin0KfV8/edit?usp=sharing](https://docs.google.com/forms/d/1MwrMhY7m579L2pQ_0lmovRzsjkEGs7oMfWRoin0KfV8/edit?usp=sharing)

### Eligibility:

Faculty members from AICTE approved Engineering Colleges, working Professionals and practicing Engineers from various Research Organizations and Industries, Post Graduate Students and Research Scholars can Apply.

### Important Dates:

**Last date for registration: 19-09-2020**  
**Confirmation through mail: 20-09-2020**

### PLATFORM:

Microsoft Teams.

### Address for Correspondence:

#### Coordinator:

Dr. M. Siva Kumar, Professor & Mentor (ASA)

Mobile: 9701764651

#### Co-Coordinators:

Sri. B. Dasu, Assoc. Prof.

Mobile: 8096029570

Dr. K. Kalyan Raj, Asst.Prof.

Mobile: 7981812072

Sri. D. Bhavana Rushi, Asst. Prof.

Mobile: 7702488355

#### Organizing Committee:

Dr. L.Ravi Srinivas, Prof. & HoD

Dr. G.Srinivasarao, Prof.

Sri. A.Amarendra, Assoc. Prof.

Smt. J.L.Santha Kumari, Assoc.Prof.

Smt. Ch.Sujatha, Assoc.Prof.

Sri. Md.Rafi Khan, Assoc.Prof.

Smt. K.Vindhya Smitha, Assoc.Prof.

Sri. E.Vargil Kumar, Assoc.Prof.

Dr. B.Madhu Kiran, Assoc.Prof.

Dr.G.Kishore Babu, Assoc.Prof.

Dr. B.Mahesh Babu, Assoc.Prof.

Dr. J.Kiran, Asst.Prof.

Sri. G.Balaji, Asst.Prof.

Sri. K.Santhosh Kumar, Asst.Prof.

Sri. J.Hema Sundar, Asst.Prof.

Sri. G.Ramesh, Asst.Prof.

Sri. D.Vijay Arun, Asst.Prof.

Sri. V.Naga Babu, Asst.Prof.

Sri. V.Pratap Babu, Asst.Prof.

Sri. P.Bala Koteswarao, Asst.Prof.

Sri. B.Rama Krishna, Asst.Prof.

Smt. Ch.Trinayani, Asst.Prof.

Smt.Sufia Khannam, Asst.Prof.

Sri. Y.Anil Kumar, Asst.Prof.

Ms. Sk.Jahera, Asst.Prof.

Sri. B.Hanuman Dileep, Asst.Prof.

### Chief Patrons:

Dr. Nageswara Rao Vallurupalli,

-Chairman, AANM & VVRSR, ES.

Sri. Srinivasa Rao Musunuri,

-Co-Chairman

Er. Satyanarayana Rao Vallurupalli,

-Secretary & Correspondent

Sri. Rama Krishna Vallurupalli,

-Co-Secretary & Correspondent

### Patron:

Dr. P. Ravindra Babu,

-Principal

### Co-Patrons:

Dr. G.V.S.N.R.V.Prasad,

-Vice Principal Academics

Dr. B. Karuna Kumar,

-Vice Principal Administration

### Advisor:

Dr. P. Nageswara Reddy, Director (AS&A)

### Coordinator:

Dr. M.Siva Kumar,

- Prof. & Mentor (ASA)

### Co-Coordinators:

Sri. B. Dasu, Assoc. Prof.

Dr. K. Kalyan Raj, Asst.Prof.

Sri. D. Bhavana Rushi, Asst. Prof.

### Advisory Committee:

Dr. P.Kodanda Rama Rao, HoD, CE

Dr. M.R.Ch. Sastry, HoD, ME

Dr. V.V.K.D.V.Prasad, HoD, ECE

Dr. S.Narayana, HoD, CSE

Dr. Ch.Kavitha, HoD, IT

Dr. Ch.Nirmal Chand, HoD, MBA

Dr. G.S.Bhaskara Rao, HoD, BS&H.



## AICTE Sponsored Short Term Training Program

on

## "AUTOMATION AND INTELLIGENT CONTROL OF ELECTRICAL SYSTEMS - Phase-II"

21<sup>st</sup> - 26<sup>th</sup> September, 2020



Organized by

Department of Electrical & Electronics  
Engineering

**GUDLAVALLERU ENGINEERING COLLEGE**

(An Autonomous Institute with Permanent Affiliation to  
JNTUK, Kakinada)

Seshadri Rao Knowledge Village Gudlavalluru-521

356, Krishna Dist. A.P. (Approved by AICTE, New  
Delhi, Accredited by NBA & NAAC with 'A' Grade)

Phone: (08674) 273737, 273888,

Fax: (08674) 273957

E-mail: [geceeeiaictefdp@gmail.com](mailto:geceeeiaictefdp@gmail.com)

Website: [www.gecgudlavalluru.ac.in](http://www.gecgudlavalluru.ac.in)



**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village Gudlavalleru-521 356, Krishna Dist. A.P.



**Department of Electrical & Electronics Engineering**

**AICTE Sponsored Short Term Training Program on**

**"AUTOMATION AND INTELLIGENT CONTROL OF ELECTRICAL SYSTEMS - Phase-II"**

**Programme Schedule**

<b>Day</b>	<b>Date</b>	<b>Time</b>	<b>Resource person</b>	<b>Title of the Session</b>
<b>1</b>	<b>21-9-2020 (Monday)</b>	<b>9.15 A.M-11.00A.M (FN)</b>	<b>Dr. Ritesh Kumar Keshri,</b> Assistant Professor, Department of Electrical Engineering, Visvesvaraya National Institute of Technology, Nagpur.	PM-BLDC Motor Drive and its Control for Light Electric Vehicle Application
		<b>2.00 P.M-4.00 P.M (AN)</b>	<b>Dr. R.C. Bansal,</b> Professor, Department of Electrical Engineering University of Sharjah, UAE.	Automation and intelligent control of renewable energy (wind, PV)
<b>2</b>	<b>22-9-2020 (Tuesday)</b>	<b>10 A.M-12 A.M (FN)</b>	<b>Dr. Sandip Ghosh,</b> Associate Professor, Department of Electrical Engineering, Indian Institute of Technology, BHU	Robust control of Induction motor
		<b>2.00 P.M-4.00 P.M (AN)</b>	<b>Dr. Rajiv Ranjan Sahay,</b> Assistant Professor, Department of Electrical Engineering, Indian Institute of Technology, Kharagpur.	Seeing through the fence: Image de-fencing using a video sequence

3	<b>23-9-2020</b> (Wednesday)	<b>10 A.M-12 A.M</b> (FN)	<b>Dr. Arvind Singh,</b> Assistant Professor, School of Electrical Engineering, Shandong University, China.	Intelligent Energy management system and Artificial intelligence-based power system fault classification and location
		<b>2.00 P.M-4.00 P.M</b> (AN)		
4	<b>24-9-2020</b> (Thursday)	<b>10 A.M-12 A.M</b> (FN)	<b>Dr. D.Koteswara Raju,</b> Assistant Professor, Department of Electrical Engineering, National Institute of Technology, Silchar.	Role of Artificial Intelligence in Energy Storage Systems
		<b>1.00 P.M-2.00 P.M</b> (AN)		
		<b>2.00 P.M-4.00 P.M</b>	<b>Dr. R.C. Bansal,</b> Professor, Department of Electrical Engineering University of Sharjah, UAE.	Hands-on Session
5	<b>25-9-2020</b> (Friday)	<b>10 A.M-12 A.M</b> (FN)	<b>Dr. D.Koteswara Raju,</b> Assistant Professor, Department of Electrical Engineering, National Institute of Technology, Silchar.	Role of Artificial Intelligence in Energy Storage Systems
		<b>2.00 P.M-4.00 P.M</b> (AN)		
6	<b>26-9-2020</b> (Saturday)	<b>10 A.M-12 A.M</b> (FN)	<b>Dr. Y.V. Hote,</b> Associate professor, Department of Electrical Engineering, Indian Institute of Technology, Roorkee.	Challenges in Modelling and Control of Electrical Systems: Theoretical and Practical Aspects
		<b>2.00 P.M-4.00 P.M</b> (AN)		

**Microsoft Teams Link (For 6 Days) :**

[https://teams.microsoft.com/l/meetup-join/19%3ameeting\\_MTBiODVjZDAZtZDdlMC00NjJmLTkNTgtZTVjNWRjZThiMTgw%40thread.v2/0?context=%7b%22id%22%3a%22df7217c9-cec8-4cc2-8e6a-a1cfbfadb321%22%2c%22oid%22%3a%22da04d80c-7519-466a-9391-f1462bfdac6e%22%7d](https://teams.microsoft.com/l/meetup-join/19%3ameeting_MTBiODVjZDAZtZDdlMC00NjJmLTkNTgtZTVjNWRjZThiMTgw%40thread.v2/0?context=%7b%22id%22%3a%22df7217c9-cec8-4cc2-8e6a-a1cfbfadb321%22%2c%22oid%22%3a%22da04d80c-7519-466a-9391-f1462bfdac6e%22%7d)

66

**All India Council for Technical Education**  
 (A Statutory body under Ministry of HRD, Govt. of India)  
 Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)



**STTP- Sanction Letter**

Ref. No. 34-65/207/RIFD/STTP/Policy-1/2018-19

Date 21 FEB 2020

To  
 The Drawing and Disbursing Officer,  
 All India Council for Technical Education,  
 Nelson Mandela Marg,  
 Vasant Kunj, New Delhi - 110070

**Sub:** Release of grant for conduct of Short Term Training Programme (STTP) under AQIS 2018-19 during the financial year 2019-20- reg.

Sir,

This is to convey the sanction of the Council for payment of **Rs. 385666 /- (Rupees Three Lakh EightyFive Thousand Six Hundred SixtySix Only)** for conduct of Short Term Training Program as per details given below:-

1.	Name and address of the beneficiary University / Institution	GUDLAVALLERU ENGINEERING COLLEGE , SESHADRI RAO KNOWLEDGE VILLAGE, GUDLAVALLERU-521356, KRISHNA DISTRICT, ANDHRA PRADESH KRISHNA-521356 Andhra Pradesh
2.	Permanent ID of Institute	1-8998977
3.	Institute type	Unaided - Private
4.	Name of Coordinator	Dr. SIVA MANGIPUDI
5.	Amount sanctioned	Rs. 385666/-
6.	Amount to be released	Rs.385666/- Full & final payment
7.	Head of account	<b>601.15(a) Gen. Short Term Training Programme (Plan)</b>
8.	The authorized officer in whose favour Cheque/ Demand Draft/ RTGS is to be made	REGISTRAR / DIRECTOR / PRINCIPAL
9.	Title of the programme	Automation and Intelligent Control Electrical systems

- The amount of the grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the grant-in-aid bill and shall be disbursed to and credited to the Registrar/ Director/Principal of the institute through RTGS.

2. This grant-in-aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.
3. The Principal of the Institute and the Coordinator of the Program are requested to verify the correctness of the under-mentioned Bank Account / RTGS Details submitted by them alongwith the proposals, in which the grant is being released:-

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AACAG4307 M	STATE BANK OF INDIA	GUDLAVALLE RU	MAIN ROAD, GUDLAVALLE RU - 521 356, KRISHNA DISTRICT.	PRINCIPAL, GUDLAVALLE RU ENGINEERING COLLEGE	Current Account	353390358 82	SBIN00014 61

### **Instructions/Guidelines to be followed by the University/Institution**

#### **I. Disbursement of funds to University/Institutions**

- a. The full amount of the grant sanctioned is being released as advance to the University/Institute.
- b. The amount spent by the institute on the conduct of STTP shall be adjusted on the basis of utilization certificate and detailed expenditure statement submitted by the University/Institution on the prescribed format along with other mandatory documents viz feedback form, copy of proceedings and completion report etc.
- c. The above said amount of grant shall be refunded back to AICTE if the Letter of Approval (LOA) / Extension of Approval (EOA) is not issued by AICTE to the institute for the academic year 2019-20.

#### **II Maintenance of Accounts**

- a. The Institute shall strictly follow the provisions laid down in the scheme document as available on the portal.
- b. Funds covered by this grant shall be kept separately and would not be mixed up with other funds so as to know the amount of interest accrued on the grant.
- c. The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure.
- d. The grant is intended to cover items of expenditure connected with the Short Term Training Programme such as Boarding & Lodging to the participants, TA to outstation participants, Honorarium to Course Coordinator, reading material to participants, Honorarium to resource persons, TA/DA to resource persons including two outstations resource persons & working expenses (reprographic services, postage, transport, daily wages, tea/coffee etc).

#### **III. Conduct of test and issuance of certificate**

A test shall be conducted by Program Evaluation Committee (PEC) at the end of the program and the certificates shall be issued to those participants who have attended the program and have qualified in the test.

#### IV. Submission of Documents by the University/Institutions to AICTE

a. The following mandatory relevant documents are required to be submitted by the University/Institution within one month of the completion of the program:-

- (i) Original Statement of actual expenditure & Utilization Certificate in the prescribed proforma duly signed by the Head of the institution and countersigned by Registrar/Finance Officer/Govt. Auditor. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed and sealed by a Chartered Accountant endorsing the membership number and complete postal address. Format for the same is available on AICTE web portal.

The University/Institution is not required to submit bills/vouchers/invoices etc for the expenditure incurred out of recurring grants. However, such copies of bills/vouchers/invoices shall be digitized by respective institutions receiving grant and uploaded scanned copies of such bills/vouchers/invoices etc on the portal for availability and view at any point of time.

- (ii) Feedback form in the prescribed proforma.
  - (iii) Copy of the proceedings and completion report.
  - (iv) List of candidates who have successfully completed the program on the basis of the test conducted by Program Evaluation Committee (PEC).
  - (v) Report submitted by Program Evaluation Committee (PEC).
- b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University/Institution. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid adjusted.

#### V. General instructions

- a. **Preferably 10% of the participants may be industry professionals deputed by industry. Further, not more than 2 participants shall be from the host institution/group of institutions.**
- b. **Money to be reimbursed on the grant (for any reasons to include unspent amount, interest , penalty if imposed) shall be refunded back to AICTE in the form of Demand Draft payable to Member Secretary, AICTE, New Delhi.**
- c. **As AICTE needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.**
- d. **The STTP is a residential program of a duration of six days with minimum 40 participants.** The approved STTP shall be conducted within three months from the date of release of funds.
- e. **If programme is not conducted in the period of three months of the issuance of this Sanction Order, the released amount, alongwith interest accrued thereon, has to be necessarily returned back to AICTE within a month.**

- f. The expenditure under the Heads '**Honorarium to Course Coordinator**' and '**Honorarium to Resource Persons**' shall not exceed **1% & 20% respectively** of the total sanctioned grant for the Programme. However, overall expenditure shall not exceed the funds sanctioned for the Programme.
- g. Any extra money required to complete the programme must be borne by the institute from their own resources. But the quality of the activities should not be compromised.
- h. Any unavoidable circumstantial change in the program with respect to name of Project Coordinator, Venue and date for organizing STTP would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File No. 34-65/207/RIFD/STTP/Policy-1/2018-19 in your future correspondence.
- i. **Program Evaluation Committee (PEC)** is required to be constituted at institutional level. The constitution of the PEC shall be as under:
- (i) Principal/Director/Registrar of the institution (Chairperson).
  - (ii) Coordinator of the program (Member Secretary).
  - (iii) Two HoDs and one subject expert (members).

The members of the said PEC shall not be below the rank of Associate Professor. A test shall be conducted by Program Evaluation Committee (PEC) at the end of the program and the certificates shall be issued to those participants who have attended the program and have qualified in the test. The minutes of the meetings, along with PEC report, are to be submitted to the Council at end of the program along with other mandatory documents.

- j. **GoI GFR rules** (@<https://doe.gov.in/order-circular/general-financial-rules2017-0>) should be followed during utilization of grant.
- k. This Sanction Order may be treated as Offer Letter for all purposes.

**NOTE:- Any deviation from the above will invoke serious action against the Institute.**

Yours sincerely,

(Col. B Venkat)  
Director (FDC)

Copy forwarded for information and necessary action to: -

21 FEB 2020

1. **Name and Address of the Coordinator**  
Dr. SIVA MANGIPUDI  
GUDLAVALLERU ENGINEERING COLLEGE  
SESHADRI RAO KNOWLEDGE VILLAGE, GUDLAVALLERU-521356, KRISHNA  
DISTRICT, ANDHRA PRADESH  
GUDLAVALLERU 521356 Andhra Pradesh
2. **The Registrar / Director / Principal**  
GUDLAVALLERU ENGINEERING COLLEGE

**AICTE Sponsored Short Term Training Program**

on

**"AUTOMATION AND INTELLIGENT CONTROL OF ELECTRICAL SYSTEMS - Phase-II"**

**21st - 26th September, 2020**

S.No	Email Address	Salutation	Participant	Name of the Institution
1	kalyan20.kaniganti@gmail.com	Dr	Kalyan Raj	Gudlavalleru Engineering College
2	dasu.geceeee@gmail.com	Mr.	Dasu Butti	Gudlavalleru Engineering College
3	bhavanarushi.dontu@gmail.com	Mr.	Bhavana Rushi Dontu	Gudlavalleru Engineering College
4	ravikiran.inapakurthi@raghuenggcollege.in	Mr.	Ravikiran Inapakurthi	RAGHU ENGINEERING COLLEGE
5	pavanchand217@gmail.com	Mr.	J.V.Pavan Chand	LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING
6	samujeer92@gmail.com	Mr.	SYED ABDUL MUJEER	LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING
7	mvsk258@gmail.com	Mr.	M.V.SURESH	RAGHU ENGINEERING COLLEGE
8	sanitha.248@gmail.com	Mrs.	TATIPARTHI SANEETHA	A.A.N.M & V.V.R.S.R POLYTECHNIC COLLEGE
9	malothchinnalal@tkrcet.com	Mr.	M.CHINNALAL	TKRCET HYDERABAD
10	ganta.ramesh25@gmail.com	Mr.	Ramesh Ganta	COLLEGE
11	prathapbabu.v@gmail.com	Mr.	PRATHAP BABU VUYYURU	GUDLAVALLERU ENGINEERING COLLEGE
12	mkb2gbu@gmail.com	Mr.	Mukesh Kumar Bhaskar	GAUTAM BUDDHA UNIVERSITY, GREATER NOIDA
13	varamtech07@gmail.com	Mr.	VARAPRASAD THADI	SRI VENKATESA PERUMAL COLLEGE OF ENGINEERING AND TECHNOLOGY
14	Polu240@gmail.com	Mr.	Polu Veeraraghava Reddy	TKR COLLEGE OF ENGINEERING AND TECHNOLOGY
15	prabhamaheswari.eee@srit.org	Mrs.	PRABHA MAHESWARI M	SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY
16	Chaituvysyaraju@gmail.com	Mr.	Chaitanya vysyaraju.	VISWANADHA INSTITUTE OF TECHNOLOGY AND MANAGEMENT
17	veeraiah078@gmail.com	Mr.	VEERAIAH.NAGULLA	VISHNU INSTITUTE OF TECHNOLOGY, BHIMAVARAM
18	rafikhan.md@gmail.com	Mr.	MOHAMMAD RAFI KHAN	GUDLAVALLERU ENGINEERING COLLEGE, GUDLAVALLERU
19	shreniks2k7@rediffmail.com	Mr.	Shrenik Suresh Sarade	WALCHAND COLLEGE OF ENGINEERING, SANGLI

**AICTE Sponsored Short Term Training Program**  
**On**  
**"Automation and Intelligent Control of Electrical Systems - Phase-II"**

**ATTENDANCE ON 26.09.2020**

S.No	Full Name	User Action	Timestamp
1	GEC EEE FDP	Joined	9/26/2020, 9:36:23 AM
2	Amarendra Alluri	Joined	9/26/2020, 10:59:15 AM
3	B. Dasu	Joined	9/26/2020, 9:36:29 AM
4	B. Rama Krishna	Joined	9/26/2020, 10:02:22 AM
5	Bindu	Joined	9/26/2020, 11:25:25 AM
6	BINDU PRIYA (Guest)	Joined	9/26/2020, 10:42:54 AM
7	BMB	Joined	9/26/2020, 9:36:29 AM
8	Ch. Sujatha	Joined	9/26/2020, 9:40:15 AM
9	D. Vijay Arun	Joined	9/26/2020, 10:14:38 AM
10	Dr S Srinivasulu Raju (Guest)	Joined	9/26/2020, 11:45:21 AM
11	Dr. G. Kishore Babu	Joined	9/26/2020, 10:13:59 AM
12	Dr. Jasthi kiran	Joined	9/26/2020, 10:34:02 AM
13	Dr. K. Kalyanraj	Joined	9/26/2020, 9:48:28 AM
14	Dr. M. Siva Kumar	Joined	9/26/2020, 9:49:37 AM
15	Dr. Madhu Kiran B	Joined	9/26/2020, 9:54:47 AM
16	Dr. Srinivasa Rao Gampa	Joined	9/26/2020, 9:36:29 AM
17	Dr. SURESH CHINTALAPUDI	Joined	9/26/2020, 10:03:47 AM
18	Dr.C.Shilaja	Joined	9/26/2020, 10:21:48 AM
19	DR.DHAL P.K.	Joined	9/26/2020, 11:37:27 AM
20	G Ramesh (Guest)	Joined	9/26/2020, 10:11:28 AM
21	G. Balaji	Joined	9/26/2020, 10:10:02 AM
22	JAGDISH PITAMBAR DHOLWANI	Joined	9/26/2020, 11:10:52 AM
23	Kasoju bharath Kumar	Joined	9/26/2020, 11:02:46 AM
24	M CHINNALAL (Guest)	Joined	9/26/2020, 11:20:20 AM
25	M.CHINNALAL	Joined	9/26/2020, 10:15:58 AM
26	N.Veekshitha (Guest)	Joined	9/26/2020, 9:59:40 AM
27	Naveen Sharma	Joined	9/26/2020, 10:19:39 AM
28	Nuthulapati Rajesh Babu	Joined	9/26/2020, 10:23:24 AM
29	POLU VEERARAGHAVA REDDY	Joined	9/26/2020, 10:04:01 AM
30	Prathap Babu	Joined	9/26/2020, 10:07:14 AM
31	R.VELMURUGAN	Joined	9/26/2020, 10:46:59 AM
32	Rafi Khan	Joined	9/26/2020, 10:28:10 AM
33	ravikiran.inapakurthi	Joined	9/26/2020, 11:20:37 AM
34	Ravikumar.nva	Joined	9/26/2020, 9:36:29 AM
35	S.IMMANUEL EBENEZER	Joined	9/26/2020, 10:35:23 AM
36	Santhosh Kumar	Joined	9/26/2020, 9:36:29 AM
37	Sufia Khanam	Joined	9/26/2020, 10:04:33 AM
38	T.Murugeswari (Guest)	Joined	9/26/2020, 9:51:46 AM
39	TARUN	Joined	9/26/2020, 11:48:59 AM
40	Thandava Krishna Sai Pandraju	Joined	9/26/2020, 11:37:27 AM
41	Unknown User	Joined	9/26/2020, 9:53:56 AM
42	V. Naga Babu	Joined	9/26/2020, 9:49:23 AM
43	varaprasad	Joined	9/26/2020, 10:02:45 AM
44	Vargil Kumar	Joined	9/26/2020, 10:37:58 AM
45	vasu.ganji	Joined	9/26/2020, 11:54:24 AM

**AICTE Sponsored Short Term Training Program**  
**On**  
**"Automation and Intelligent Control of Electrical Systems - Phase-II"**  
**ATTENDENCE ON 26.09.2020**

<b>S.No</b>	<b>Full Name</b>	<b>User Action</b>	<b>Timestamp</b>
46	Vijaya lakshmi A S V (Guest)	Joined	9/26/2020, 10:08:01 AM
47	vimlesh.verma	Joined	9/26/2020, 10:49:35 AM
48	Vindhya Smitha. K	Joined	9/26/2020, 9:40:10 AM
49	VIT0032_EEE	Joined	9/26/2020, 11:24:11 AM
50	Y. Anil Kumar	Joined	9/26/2020, 10:07:04 AM
51	Yogesh VijayHote	Joined	9/26/2020, 9:55:31 AM



# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, GUDLAVALLERU – 521 356, Andhra Pradesh.



## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

*This is to certify that*

**Mr. Dasu Butti**

*from*

**Gudlavalleru Engineering College**

*has participated in AICTE Sponsored Short Term Training Program on “Automation and Intelligent Control of Electrical Systems-Phase-II” organized by Department of Electrical and Electronics Engineering, Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru during 21<sup>st</sup> – 26<sup>th</sup> September, 2020.*

**Prof. (Dr.) M. SIVAKUMAR**  
Co-ordinator

**Prof. (Dr.) L. R. SRINIVAS**  
Head of Department

**Prof. (Dr.) P. RAVINDRA BABU**  
Principal



# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, GUDLAVALLERU – 521 356, Andhra Pradesh.



## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

*This is to certify that*

**Dr. B. Mahesh Babu**

*from*

**GUDLAVALLERU ENGINEERING COLLEGE**

*has participated in AICTE Sponsored Short Term Training Program on “Automation and Intelligent Control of Electrical Systems-Phase-II” organized by Department of Electrical and Electronics Engineering, Gudlavalluru Engineering College, Seshadri Rao Knowledge Village, Gudlavalluru during 21<sup>st</sup> – 26<sup>th</sup> September, 2020.*

**Prof. (Dr.) M. SIVAKUMAR**  
Co-ordinator

**Prof. (Dr.) L. R. SRINIVAS**  
Head of Department

**Prof. (Dr.) P. RAVINDRA BABU**  
Principal



**GUDLAVALLERU ENGINEERING COLLEGE  
SESHADRI RAO KNOWLEDGE VILLAGE  
GUDLAVALLERU – 521356 KRISHNA DISTRICT (A.P)  
INDIA**

**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

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**Report on One Week Faculty Development Programme-2020**

***AICTE Sponsored Short Term Training Program on “AUTOMATION AND INTELLIGENT CONTROL OF ELECTRICAL SYSTEMS - Phase-II”***

1. The Department of Electrical and Electronics Engineering of Gudlavalleru Engineering College conducted a One Week Faculty Development Programme on “AUTOMATION AND INTELLIGENT CONTROL OF ELECTRICAL SYSTEMS” during 21<sup>st</sup> to 26<sup>th</sup> October 2020. About 114 Full time Research Scholars, PG Students and academicians from Engineering & Science colleges from EEE departments have participated in this program.
2. The goal of this FDP is to bring together experts carrying their research on renewable energy sources and micro grids. In particular, the main aim of the FDP is to enhance the learning capabilities of the participants in Induction motor control, energy storage systems, AI technique applies to smart grids, power converters for electric vehicles, Image de-fencing. The FDP will cover planning, control and protection of the power system with renewable energy sources and corresponding research challenges will be discussed.
3. The resource persons and discourse topics for the Faculty Development Programme

Day	Date	Time	Resource person	Title of the Session
1	21-9-2020	9.15 A.M- 12 A.M (FN)	Dr. Keshri Ritesh Kumar, Assistant Professor, Department of Electrical Engineering, Visvesvaraya National Institute of Technology, Nagpur.	PM-BLDC Motor Drive and its Control for Light Electric Vehicle Application
		2.00 P.M- 4.00 P.M (AN)	Dr. R.C. Bansal, Professor, Department of Electrical Engineering University of Sharjah, UAE.	Automation and intelligent control of renewable energy (wind, PV)
2	22-9-2020	10 A.M- 12 A.M (FN)	Dr. Sandip Ghosh, Associate Professor, Department of Electrical Engineering, Indian Institute of Technology, BHU	Robust control of Induction motor

		2.00 P.M- 4.00 P.M (AN)	Dr. Rajiv Ranjan Sahay, Assistant Professor, Department of Electrical Engineering, Indian Institute of Technology, Kharagpur.	Seeing through the fence: Image de- fencing using a video sequence".
3	23-9-2020	10 A.M- 12 A.M (FN)	Dr. Arvind Singh, Assistant Professor, School of Electrical Engineering, Shandong University, China.	Intelligent Energy management system and Artificial intelligence-based power system fault classification and location.
		2.00 P.M- 4.00 P.M (AN)		
4	24-9-2020	10 A.M-12 A.M (FN)	Dr. D.Koteswara Raju, Assistant Professor, Department of Electrical Engineering, National Institute of Technology, Silchar.	Role of Artificial Intelligence in Energy Storage Systems
		2.00 P.M- 4.00 P.M (AN)	Dr. R.C. Bansal, Professor, Department of Electrical Engineering University of Sharjah, UAE.	Automation and intelligent control of Conventional Power systems, Smart Grid
5	25-9-2020	10 A.M- 12 A.M (FN)	Dr. D.Koteswara Raju, Assistant Professor, Department of Electrical Engineering, National Institute of Technology, Silchar.	Role of Artificial Intelligence in Energy Storage Systems
		2.00 P.M- 4.00 P.M (AN)	Dr. Vimlesh Verma, Assistant Professor, Department of Electrical Engineering, National Institute of Technology, Patna.	Advanced Control of Induction Motor Drives
6	26-9-2020	10 A.M- 12 A.M (FN)	Dr. Y.V. Hote, Associate professor, Department of Electrical Engineering, Indian Institute of Technology, Roorkee.	Challenges in Modelling and Control of Electrical Systems: Theoretical and Practical Aspects
		2.00 P.M- 4.00 P.M (AN)		

H.O.D

**SESHADRI RAO**  
**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
**Seshadri Rao Knowledge Village, Gudlavalleru**

**Department of ELECTRICAL AND ELECTRONICS ENGINEERING**

07<sup>th</sup> October 2020

**CIRCULAR**

All the Non-Teaching staff of EEE department are requested to attend a Three day skill-up gradation Program on “**Energy Saving Methodologies**” from 07-10-2020 to 09-10-2021.

Venue: Power Systems Lab

  
H.O.D

### The College:

The college is promoted by AANM & VVRSR Educational Society, Gudlavalluru and was established in 1998. The college is situated in Gudlavalluru, surrounded by lush green fields, providing serene atmosphere to learners. The college offers B.Tech. programmes in eight branches of Engineering viz, Civil, Electrical & Electronics, Mechanical, Electronics & Communication, Computer Science, Information Technology, Artificial Intelligence & Data Science, Internet of Things and CSE (Artificial Intelligence and Machine Learning) with a total intake of 1320. It also offers five PG programmes in Engineering (M.Tech.) and Business Management (MBA). The college is permanently affiliated to JNTUK, Kakinada and obtained the Autonomous status from U.G.C. in the year 2014 and the status extended till 2025. All the eligible branches of engineering are accredited by NBA, New Delhi. The Institution is continuously striving for excellence by adopting changes to improve the systems, practices and performance levels. TCS.

### The Department:

The Department of Electrical and Electronics Engineering was established in 1998 and is offering undergraduate course in Electrical and Electronics Engineering. It has been accredited 4 times (one time under Tier-1) by the National Board of Accreditation (NBA) and recognized as Research Centre by JNTUK, Kakinada. The department has qualified and experienced staff and well equipped Labs. Students of the department have been placed in a good number of core and software organizations and excelling in examinations like GATE, CAT etc. It is also offering M.Tech course in Power Electronics and Electric Drives. Department is marching forward keeping pace with the technological advances in Electrical and Electronics Engineering.

### Location:

Gudlavalluru is located on Gudivada – Machilipatnam route and is well connected by road and rail to Gudivada (10 kms), Machilipatnam (26 kms) and Vijayawada (55 kms).

### Objectives of the Program:

Energy conservation is not about making limited resources last as long as they can, that would mean that you are doing nothing more than prolong a crisis until you finally run out of energy resources altogether. Conservation is the process of reducing demand on a limited supply and enabling that supply to begin to rebuild itself. Many times the best way of doing this is to replace the energy used with an alternate source. Energy conservation is one of the words you are hearing more and more these days. Unfortunately, a lot of the places you will hear about it will be in ads marketing products or lifestyle habits that may have nothing to do with actual energy conservation. To learn what real energy conservation techniques are, you have to begin to understand the theory of conservation behind them.

### Course Contents:

- Why it is Important?
- Practical Methods of Energy Conservation
- Install CFL Lights
- Lower the Room Temperature
- Get Energy Audit Done
- Use Energy Efficient Appliances
- Install Energy Efficient Windows
- Other Energy Conservation Techniques

**Resource Persons:** Sessions will be handled by experts from reputed organizations and proficient faculty of the institution.

## A Three Day Skill-Up Graduation Program

on

## "Energy Saving Methodologies"

07<sup>th</sup> - 10<sup>th</sup> OCTOBER 2020



**REGISTRATION FEE: NIL.**

### Eligibility:

Faculty members from AICTE approved Engineering Colleges, working Professionals and practicing Engineers from various Research Organizations and Industries, Post Graduate Students and Research Scholars can apply.

### Important Dates:

**Last date for registration : 05-10-2020**

**Confirmation through mail: 06-10-2020**

### **Address for Correspondence:**

#### **Coordinator:**

Mr. A. Amarendra, *Assoc.Prof.*

**Mobile: 7981812072**

#### **Co-Coordinators:**

Sri. Md.Rafi Khan, *Assoc.Prof.*

**Mobile: 9848907459**

#### **Organizing Committee:**

Dr. M. Siva Kumar, *Prof. & Mentor (ASA)*

Dr. L.Ravi Srinivas, *Prof.*

Dr. G.Srinivasarao, *Prof.*

Sri. A.Amarendra, *Assoc. Prof.*

Smt. J.L.Santha Kumari, *Assoc.Prof.*

Smt. Ch.Sujatha, *Assoc.Prof.*

Smt. K.Vindhya Smitha, *Assoc.Prof.*

Sri. E.Vargil Kumar, *Assoc.Prof.*

Dr. B.Madhu Kiran, *Assoc.Prof.*

Dr.G.Kishore Babu, *Assoc.Prof.*

Dr. B.Mahesh Babu, *Assoc.Prof.*

Sri. G.Balaji, *Asst.Prof.*

Sri. J.Hema Sundar, *Asst.Prof.*

Sri. G.Ramesh, *Asst.Prof.*

Sri. D.Vijay Arun, *Asst.Prof.*

Sri. V.Naga Babu, *Asst.Prof.*

Sri. V.Pratap Babu, *Asst.Prof.*

Sri. P.Bala Koteswarao, *Asst.Prof.*

Smt. Ch.Trinayani, *Asst.Prof.*

Smt.Sufia Khannam, *Asst.Prof.*

Sri. B.Hanuman Dileep, *Asst.Prof.*

Smt.Sk.Rizwana. , *Asst.Prof.*

Sri.R.Koti Babu, *Asst.Prof.*

Ms.A.Sireesha, *Asst.Prof.*

#### **Chief Patrons:**

Dr. Nageswara Rao Vallurupalli,

-*Chairman, AANM & VVRSRES.*

Sri. Srinivasa Rao Musunuri,

-*Co-Chairman*

Er. Satyanarayana Rao Vallurupalli,

-*Secretary & Correspondent*

Sri. Rama Krishna Vallurupalli,

-*Co-Secretary & Correspondent*

#### **Patron:**

Dr. G.V.S.N.R.V.Prasad,

-*Principal*

#### **Co-Patrons:**

Dr. P. Kodanda Rama Rao,

-*Vice Principal Administration*

Dr. M. R. Ch. Sastry-*Vice Principal Academics*

#### **Advisors:**

Dr. P.Ravindra Babu, *Advisor to the Management*

Dr. P. Nageswara Reddy, *Director (PGCRD)*

Dr. B. Karuna Kumar, *Director (AS&A)*

#### **Convenor:**

Dr. B. Dasu, *Assoc. Prof & HOD(I/C)*

#### **Coordinator:**

Dr. L. Ravi Srinivas Rao, *Prof.*

#### **Co-Coordinators:**

Sri. Md.Rafi Khan, *Assoc.Prof.*

#### **Advisory Committee:**

Dr. A.Srinivasulu, *HoD (I/C), CE*

Dr.A.Jawahar Babu, *HoD, ME*

Dr.Y.Rama Krishna, *HoD, ECE*

Dr.M.Babu Rao, *HoD, CSE*

Dr. Ch.Kavitha, *HoD, IT*

Dr. Ch.Nirmal Chand, *HoD, MBA*

Dr. S. Suresh, *HoD(I/C), BS&H.*



## **A THREE DAY SKILL-UP GRADATION PROGRAM**

*on*

### **“Energy Saving Methodologies”**

**07<sup>th</sup> - 09<sup>th</sup> OCTOBER 2020**



**Organized by**

**Department of Electrical & Electronics  
Engineering**

**GUDLAVALLERU ENGINEERING COLLEGE**

**(An Autonomous Institute with Permanent Affiliation to  
JNTUK, Kakinada)**

**Seshadri Rao Knowledge Village Gudlavalleru-521 356,  
Krishna Dist. A.P. (Approved by AICTE, New Delhi,  
Accredited by NBA )**

Phone: (08674) 273737, 273888,

Fax: (08674) 273957

**E-mail:** [mstesgec@gmail.com](mailto:mstesgec@gmail.com)

Website: [www.gecgudlavalleru.ac.in](http://www.gecgudlavalleru.ac.in)

# Gudlalleru Engineering College

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, Gudlalleru

## Department of Electrical and Electronics Engineering

A Three Day Skill-Upgradation Programms on "Energy Saving Methodologies"

01-03 October 2020

S.No	Name of the Participant	10-01-20		10-08-20		10-09-20	
		F.N	A.N	F.N	A.N	F.N	A.N
1	Sri. .K. Chandra Sekhar						
2	Sri. .V. V. Chandra Kumar						
3	Sri. .M. Pavan Kumar						
4	Sri. M. S. S. Sai Kumar						
5	Sri. P. Khalid						
6	Sri. G. V. Raghavaiah						
7	Sri. M. Maheswara Rao						
8	Sri. Sd. Imran						

Faculty Co-ordinator



# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, GUDLAVALLERU – 521 356, Andhra Pradesh.

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

*This is to certify that*

**Sri. M. Maheswara Rao**

*From*

**Gudlavalleru Engineering College**

*has participated in Three Day Workshop on “Energy Saving Methodologies” organized by Department of Electrical and Electronics Engineering, Gudlavalleru Engineering College, Gudlavalleru during 01<sup>th</sup> - 03<sup>th</sup> October 2020.*

**A. Amarendra**  
Convenor

**Prof. (Dr.) L. Ravi Srinivas**  
Head of Department



# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, GUDLAVALLERU – 521 356, Andhra Pradesh.

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

*This is to certify that*

**Sri. M. Pavan Kumar**

*From*

**Gudlavalleru Engineering College**

*has participated in Three Day Workshop on “Energy Saving Methodologies” organized by Department of Electrical and Electronics Engineering, Gudlavalleru Engineering College, Gudlavalleru during 01<sup>th</sup> - 03<sup>th</sup> October 2020.*

**A. Amarendra**  
Convenor

**Prof. (Dr.) L. Ravi Srinivas**  
Head of Department

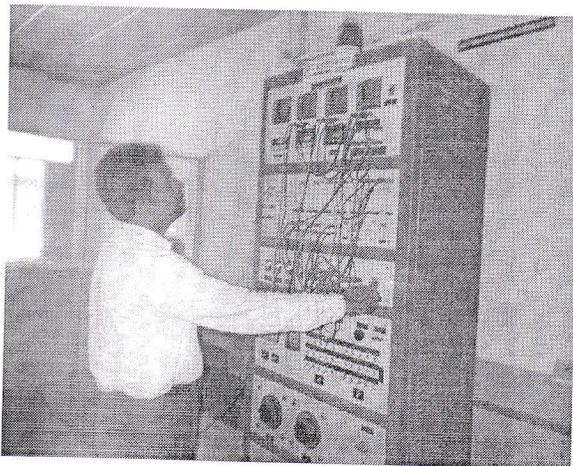
## Report On Three Day Skill-Up Gradation Program On “Energy Saving Methodologies”

The Department of Electrical and Electronics Engineering of Gudlavalleru Engineering College conducted three day Skill-Up Gradation Program on “Energy Saving Methodologies” during 07<sup>st</sup> to 09<sup>th</sup> October 2020. This workshop aims to provide good opportunity for the industry, faculty members and technical staff of various engineering colleges to gain basic knowledge about Energy Conservation: Importance and Techniques of Energy Conservation. This program is to provide interaction and an opportunity to share view of academicians and practicing engineers.

Energy conservation is one of the words you are hearing more and more these days. Unfortunately, a lot of the places you will hear about it will be in ads marketing products or lifestyle habits that may have nothing to do with actual energy conservation. To learn what real energy conservation techniques are, you have to begin to understand the theory of conservation behind them.

Energy conservation is not about making limited resources last as long as they can, that would mean that you are doing nothing more than prolong a crisis until you finally run out of energy resources altogether. Conservation is the process of reducing demand on a limited supply and enabling that supply to begin to rebuild itself. Many times the best way of doing this is to replace the energy used with an alternate source. In the case of fossil fuels, conservation also can include finding new ways to tap into the Earth’s supply so that the commonly used oil fields are not drained completely. This allows for those fields to replenish themselves more.

This workshop aims to provide good opportunity for the industry, faculty members and technical staff of various engineering colleges to gain basic knowledge about energy conservation techniques is to reduce demand, protect and replenish supplies, develop and use alternative energy sources, and to clean up the damage from the prior energy processes.



A handwritten signature in blue ink, consisting of stylized cursive letters, positioned above a horizontal blue line.

**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
**Seshadri Rao Knowledge Village, Gudlavalleru**

**Department of ELECTRICAL AND ELECTRONICS ENGINEERING**

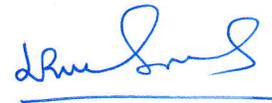
27<sup>th</sup> July 2020

**CIRCULAR**

All the faculty members of EEE Department are requested to attend online AICTE Sponsored Training Program On “AUTOMATION AND INTELLIGENT CONTROL OF ELECTRICAL SYSTEMS - Phase-I ” From 3<sup>rd</sup> to 8<sup>th</sup> August, 2020.

**REGISTRATION LINK:**

[https://docs.google.com/forms/d/e/1FAIpQLSeI6dXbngOGP4zvCnhdShMlzZCfydX68mQnoElc9ScXA5F9w/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSeI6dXbngOGP4zvCnhdShMlzZCfydX68mQnoElc9ScXA5F9w/viewform?usp=sf_link)



(Dr. L. Ravi Srinivas)  
H.O.D

### The College:

The Gudlavalleru Engineering College was established in 1998 by A.A.N.M. & V.V.R.S.R. Educational Society, Gudlavalleru. The College is situated at Gudlavalleru village, surrounded by lush green fields providing serene atmosphere to the learners. The college offers B.Tech programme in six branches of Engineering, viz., Civil, EEE, ME, ECE, CSE & IT, and PG courses in MBA and M.Tech (SE), M.Tech (PEED), M.Tech (MD), M.Tech (VLSI&ES), and M.Tech (CSE). The College is offering two new UG courses in Artificial Intelligence & Data Science and Internet of Things with an intake of 60 from the academic year 2020-21 onwards. All the eligible UG engineering programmes have been accredited by National Board of Accreditation (NBA) of AICTE, New Delhi and by NAAC. The college is also Accredited by TCS.

### The Department:

The Department of Electrical and Electronics Engineering was established in 1998 and is offering undergraduate course in Electrical and Electronics Engineering. It has been accredited 4 times (one time under Tier-1) by the Nation board of Accreditation (NBA) and recognized as Research Centre by JNTUK, Kakinada. The department has qualified and experienced staff and well equipped Labs. Students of the department have been placed in a good number of core and software organizations and excelling in examinations like GATE, CAT etc. It is also offering M.Tech course in Power Electronics and Electric Drives. Department is marching forward keeping pace with the technological advances in Electrical and Electronics Engineering.

### Location:

Gudlavalleru is located on Gudivada - Machilipatnam route and is well connected by road and rail to Gudivada (10 kms), Machilipatnam (26 kms) and Vijayawada (55 kms).

### About the Program:

This program will be a platform to train the members towards the advances in Automation and Intelligent Control of Electrical systems and provide an avenue for research in all the recent advances in the various fields of electrical Engineering.

### Objectives of the Program:~

- To train the participants towards advanced industrial drive and control applications.
- To educate participants about Automation and intelligent control and its applications in different domains of electrical engineering.
- To familiarize participants about the role of AC and DC drives in industrial automation.
- To make conversation with design and control applications in Electrical vehicles, Micro grid and Renewable energy systems.

### Resource Persons:

- Dr. Debapriya Das, IIT-Kharagpur
- Dr. Sukumar Misra, IIT-Delhi
- Dr. Ranjan Kumar Behra, IIT-Patna
- Dr. Bhimrao Umre, NIT-Nagpur
- Dr. D. Koteswara Raju, NIT-Silchar
- Dr. N. Selva Ganesan, Indian Institute of Space Science and Technology, Thiruvananthapuram



## AICTE Sponsored Short Term Training Program

### on "AUTOMATION AND INTELLIGENT CONTROL OF ELECTRICAL SYSTEMS - Phase-I"

**3<sup>rd</sup> - 8<sup>th</sup> August, 2020**

### REGISTRATION FEE:

No Registration Fee.

### REGISTRATION LINK:

[https://docs.google.com/forms/d/e/1FAIpQLSel6dXb-ngOGP4zvCnhdShMlzZCfydX68mQnoElc9ScXA5F9w/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSel6dXb-ngOGP4zvCnhdShMlzZCfydX68mQnoElc9ScXA5F9w/viewform?usp=sf_link)

### Eligibility:

Faculty members from AICTE approved Engineering Colleges, working Professionals and practicing Engineers from various Research Organizations and Industries, Post Graduate Students and Research Scholars can Apply.

### Important Dates:

**Last date for registration: 30-07-2020**  
**Confirmation through mail: 01-08-2020**

### PLATFORM:

Microsoft Teams Application.

### Address for Correspondence:

#### Convener:

Dr. M. Siva Kumar, Professor & Mentor (ASA)

Mobile: 9701764651

#### Coordinator:

Sri. B. Dasu, Assoc. Prof.

Mobile: 8096029570

#### Co-Coordinator:

Sri. D. Bhavana Rushi, Asst. Prof.

Mobile: 7702488355

#### Organizing Committee:

Dr. L.Ravi Srinivas, Prof. & HoD

Dr. G.Srinivasarao, Prof.

Sri. A.Amarendra, Assoc. Prof.

Smt. J.L.Santha Kumari, Assoc.Prof.

Smt. Ch.Sujatha, Assoc.Prof.

Sri. Md.Rafi Khan, Assoc.Prof.

Smt. K.Vindhya Smitha, Assoc.Prof.

Sri. E.Vargil Kumar, Assoc.Prof.

Dr. B.Madhu Kiran, Assoc.Prof.

Dr.G.Kishore Babu, Assoc.Prof.

Dr. B.Mahesh Babu, Assoc.Prof.

Dr. K.Kalyan Raj, Asst.Prof.

Dr. J.Kiran, Asst.Prof.

Sri. G.Balaji, Asst.Prof.

Sri. K.Santhosh Kumar, Asst.Prof.

Sri. J.Hema Sundar, Asst.Prof.

Sri. G.Ramesh, Asst.Prof.

Sri. D.Vijay Arun, Asst.Prof.

Sri. V.Naga Babu, Asst.Prof.

Sri. V.Pratap Babu, Asst.Prof.

Sri. P.Bala Koteswarao, Asst.Prof.

Sri. B.Rama Krishna, Asst.Prof.

Smt. Ch.Trinayani, Asst.Prof.

Smt.Sufia Khannam, Asst.Prof.

Sri. Y.Anil Kumar, Asst.Prof.

Ms. Sk.Jahera, Asst.Prof.

Sri. B.Hanuman Dileep, Asst.Prof.

### Chief Patrons:

Dr. Nageswara Rao Vallurupalli,

-Chairman, AANM & VVRSR, ES.

Sri. Srinivasa Rao Musunuri,

-Co-Chairman

Er. Satyanarayana Rao Vallurupalli,

-Secretary & Correspondent

Sri. Rama Krishna Vallurupalli,

-Co-Secretary & Correspondent

### Patron:

Dr. P. Ravindra Babu,

-Principal

### Co-Patrons:

Dr. G.V.S.N.R.V.Prasad,

-Vice Principal Academics

Dr. B. Karuna Kumar,

-Vice Principal Administration

### Advisor:

Dr. P. Nageswara Reddy, Director (AS&A)

### Convener:

Dr. M.Siva Kumar,

- Prof. & Mentor (ASA)

### Coordinator:

Sri. B. Dasu, Assoc. Prof.

### Co-Coordinator:

Sri. D. Bhavana Rushi, Asst. Prof.

### Advisory Committee:

Dr. P.Kodanda Rama Rao, HoD, CE

Dr. M.R.Ch. Sastry, HoD, ME

Dr. V.V.K.D.V.Prasad, HoD, ECE

Dr. S.Narayana, HoD, CSE

Dr. Ch.Kavitha, HoD, IT

Dr. Ch.Nirmal Chand, HoD, MBA

Dr. G.S.Bhaskara Rao, HoD, BS&H

Dr. M.Vijaya Lakshmi, HoD, English



## AICTE Sponsored Short Term Training Program

on

## "AUTOMATION AND INTELLIGENT CONTROL OF ELECTRICAL

## SYSTEMS - Phase-I"

3<sup>rd</sup> - 8<sup>th</sup> August, 2020



## Department of Electrical & Electronics Engineering

### GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent  
Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village

Gudlavalleru-521 356, Krishna Dist. A.P.

(Approved by AICTE, New Delhi, Accredited by  
NBA & NAAC with 'A' Grade)

Phone: (08674) 273737, 273888,

Fax: (08674) 273957

E-mail: [geceeeeaictefdp@gmail.com](mailto:geceeeeaictefdp@gmail.com)

Website: [www.gecgudlavalleru.ac.in](http://www.gecgudlavalleru.ac.in)

# AICTE Sponsored Short Term Training Program

*On*

**"Automation and Intelligent Control of Electrical Systems - Phase-I"**

## Program Schedule

### **Day 1: 03-08-2020**

9:30 AM – 10:00 AM: Inaugural Function

10:00 AM– 12:00 Noon : Session-I by [Prof.\(Dr.\) Sukumar Misra, IIT-Delhi](#)

### **Day 2: 04-08-2020**

10:00 AM – 12:00 Noon : Session-I by [Prof.\(Dr.\) Bhimrao Umre, VNIT-Nagpur](#)

### **Day 3: 05-08-2020**

10:00 AM – 12:00 Noon: Session-I by [Prof.\(Dr.\) Debapriya Das, IIT-Kharagpur](#)

3:00 PM – 4:00 PM: Session-II by [Prof.\(Dr.\) Debapriya Das, IIT-Kharagpur](#)

### **Day 4: 06-08-2020**

10:00 AM – 12:00 Noon: Session-I by [Prof.\(Dr.\) Ranjan Kumar Behera, IIT-Patna](#)

2:00 PM– 4:00 PM: Session-II by [Prof.\(Dr.\) Ranjan Kumar Behera, IIT-Patna](#)

### **Day 5: 07-08-2020**

10:00 AM – 12:00 Noon: Session-I by [Dr. D. Koteswara Raju, NIT-Silchar](#)

2:00 PM– 4:00 PM: Session-II by [Dr. D. Koteswara Raju, NIT-Silchar](#)

### **Day 6: 08-08-2020**

10:00 AM– 12:00 Noon: Session-I by [Prof.\(Dr.\) N. Selva Ganesan, IISST- Thiruvananthapuram](#)

Followed by valedictory function and Vote of Thanks.

66

**All India Council for Technical Education**  
 (A Statutory body under Ministry of HRD, Govt. of India)  
 Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)



**STTP- Sanction Letter**

Ref. No. 34-65/207/RIFD/STTP/Policy-1/2018-19

Date 21 FEB 2020

To  
 The Drawing and Disbursing Officer,  
 All India Council for Technical Education,  
 Nelson Mandela Marg,  
 Vasant Kunj, New Delhi - 110070

**Sub:** Release of grant for conduct of Short Term Training Programme (STTP) under AQIS 2018-19 during the financial year 2019-20- reg.

Sir,

This is to convey the sanction of the Council for payment of **Rs. 385666 /- (Rupees Three Lakh EightyFive Thousand Six Hundred SixtySix Only)** for conduct of Short Term Training Program as per details given below:-

1.	Name and address of the beneficiary University / Institution	GUDLAVALLERU ENGINEERING COLLEGE , SESHADRI RAO KNOWLEDGE VILLAGE, GUDLAVALLERU-521356, KRISHNA DISTRICT, ANDHRA PRADESH KRISHNA-521356 Andhra Pradesh
2.	Permanent ID of Institute	1-8998977
3.	Institute type	Unaided - Private
4.	Name of Coordinator	Dr. SIVA MANGIPUDI
5.	Amount sanctioned	Rs. 385666/-
6.	Amount to be released	Rs.385666/- Full & final payment
7.	Head of account	<b>601.15(a) Gen. Short Term Training Programme (Plan)</b>
8.	The authorized officer in whose favour Cheque/ Demand Draft/ RTGS is to be made	REGISTRAR / DIRECTOR / PRINCIPAL
9.	Title of the programme	Automation and Intelligent Control Electrical systems

- The amount of the grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the grant-in-aid bill and shall be disbursed to and credited to the Registrar/ Director/Principal of the institute through RTGS.

2. This grant-in-aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.
3. The Principal of the Institute and the Coordinator of the Program are requested to verify the correctness of the under-mentioned Bank Account / RTGS Details submitted by them alongwith the proposals, in which the grant is being released:-

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AACAG4307 M	STATE BANK OF INDIA	GUDLAVALLE RU	MAIN ROAD, GUDLAVALLE RU - 521 356, KRISHNA DISTRICT.	PRINCIPAL, GUDLAVALLE RU ENGINEERING COLLEGE	Current Account	353390358 82	SBIN00014 61

### **Instructions/Guidelines to be followed by the University/Institution**

#### **I. Disbursement of funds to University/Institutions**

- a. The full amount of the grant sanctioned is being released as advance to the University/Institute.
- b. The amount spent by the institute on the conduct of STTP shall be adjusted on the basis of utilization certificate and detailed expenditure statement submitted by the University/Institution on the prescribed format along with other mandatory documents viz feedback form, copy of proceedings and completion report etc.
- c. The above said amount of grant shall be refunded back to AICTE if the Letter of Approval (LOA) / Extension of Approval (EOA) is not issued by AICTE to the institute for the academic year 2019-20.

#### **II Maintenance of Accounts**

- a. The Institute shall strictly follow the provisions laid down in the scheme document as available on the portal.
- b. Funds covered by this grant shall be kept separately and would not be mixed up with other funds so as to know the amount of interest accrued on the grant.
- c. The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure.
- d. The grant is intended to cover items of expenditure connected with the Short Term Training Programme such as Boarding & Lodging to the participants, TA to outstation participants, Honorarium to Course Coordinator, reading material to participants, Honorarium to resource persons, TA/DA to resource persons including two outstations resource persons & working expenses (reprographic services, postage, transport, daily wages, tea/coffee etc).

#### **III. Conduct of test and issuance of certificate**

A test shall be conducted by Program Evaluation Committee (PEC) at the end of the program and the certificates shall be issued to those participants who have attended the program and have qualified in the test.

#### IV. Submission of Documents by the University/Institutions to AICTE

a. The following mandatory relevant documents are required to be submitted by the University/Institution within one month of the completion of the program:-

- (i) Original Statement of actual expenditure & Utilization Certificate in the prescribed proforma duly signed by the Head of the institution and countersigned by Registrar/Finance Officer/Govt. Auditor. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed and sealed by a Chartered Accountant endorsing the membership number and complete postal address. Format for the same is available on AICTE web portal.

The University/Institution is not required to submit bills/vouchers/invoices etc for the expenditure incurred out of recurring grants. However, such copies of bills/vouchers/invoices shall be digitized by respective institutions receiving grant and uploaded scanned copies of such bills/vouchers/invoices etc on the portal for availability and view at any point of time.

- (ii) Feedback form in the prescribed proforma.
  - (iii) Copy of the proceedings and completion report.
  - (iv) List of candidates who have successfully completed the program on the basis of the test conducted by Program Evaluation Committee (PEC).
  - (v) Report submitted by Program Evaluation Committee (PEC).
- b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University/Institution. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid adjusted.

#### V. General instructions

- a. **Preferably 10% of the participants may be industry professionals deputed by industry. Further, not more than 2 participants shall be from the host institution/group of institutions.**
- b. **Money to be reimbursed on the grant (for any reasons to include unspent amount, interest , penalty if imposed) shall be refunded back to AICTE in the form of Demand Draft payable to Member Secretary, AICTE, New Delhi.**
- c. **As AICTE needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.**
- d. **The STTP is a residential program of a duration of six days with minimum 40 participants.** The approved STTP shall be conducted within three months from the date of release of funds.
- e. **If programme is not conducted in the period of three months of the issuance of this Sanction Order, the released amount, alongwith interest accrued thereon, has to be necessarily returned back to AICTE within a month.**

- f. The expenditure under the Heads '**Honorarium to Course Coordinator**' and '**Honorarium to Resource Persons**' shall not exceed **1% & 20% respectively** of the total sanctioned grant for the Programme. However, overall expenditure shall not exceed the funds sanctioned for the Programme.
- g. Any extra money required to complete the programme must be borne by the institute from their own resources. But the quality of the activities should not be compromised.
- h. Any unavoidable circumstantial change in the program with respect to name of Project Coordinator, Venue and date for organizing STTP would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File No. 34-65/207/RIFD/STTP/Policy-1/2018-19 in your future correspondence.
- i. **Program Evaluation Committee (PEC)** is required to be constituted at institutional level. The constitution of the PEC shall be as under:
- (i) Principal/Director/Registrar of the institution (Chairperson).
  - (ii) Coordinator of the program (Member Secretary).
  - (iii) Two HoDs and one subject expert (members).

The members of the said PEC shall not be below the rank of Associate Professor. A test shall be conducted by Program Evaluation Committee (PEC) at the end of the program and the certificates shall be issued to those participants who have attended the program and have qualified in the test. The minutes of the meetings, along with PEC report, are to be submitted to the Council at end of the program along with other mandatory documents.

- j. **GoI GFR rules** (@<https://doe.gov.in/order-circular/general-financial-rules2017-0>) should be followed during utilization of grant.
- k. This Sanction Order may be treated as Offer Letter for all purposes.

**NOTE:- Any deviation from the above will invoke serious action against the Institute.**

Yours sincerely,

(Col. B Venkat)  
Director (FDC)

Copy forwarded for information and necessary action to: -

21 FEB 2020

1. **Name and Address of the Coordinator**  
Dr. SIVA MANGIPUDI  
GUDLAVALLERU ENGINEERING COLLEGE  
SESHADRI RAO KNOWLEDGE VILLAGE, GUDLAVALLERU-521356, KRISHNA  
DISTRICT, ANDHRA PRADESH  
GUDLAVALLERU 521356 Andhra Pradesh
2. **The Registrar / Director / Principal**  
GUDLAVALLERU ENGINEERING COLLEGE

AICTE Sponsored Short Term Training Program  
on  
"AUTOMATION AND INTELLIGENT CONTROL OF ELECTRICAL  
SYSTEMS - Phase-I"  
3rd - 8th August, 2020

S.No	Email Address	Name of the Participant	Name of the Institution	Designation
1	bhavanarushi.dontu@gmail.com	BHAVANA RUSHI DONTU	Gudlavalleru Engineering College	Assistant Professor
2	manoj.v@gmrit.edu.in	VASUPALLI MANOJ	GMR Institute of Technology	Assistant Professor
3	kish.eee01@gmail.com	Dr. KISHOR BABU GUNTI	Gudlavalleru Engineering College	Associate Professor
4	velsvictor@gmail.com	Dr.R.VELMURUGAN	Malla Reddy Engineering College for Women Telangana	Professor
5	hothri.ravikindi@gmail.com	HOTHRI RAVIKINDI	Tirumala Engineering College	Associate professor
6	yanilkumar202@gmail.com	ANIL KUMAR YARLAGADDA	Gudlavalleru engineering college	Assistant professor
7	nagababu243@gmail.com	VISWANADHAPALLI NAGABABU	GUDLAVALLERU ENGINEERING COLLEGE	Assistant professor
8	srinu85@gmail.com	Dr.S SRINIVASULU RAJU	Velagapudi Ramakrishna Siddhartha Engineering College	Assistant Professor
9	chaituvysyaraju@gmail.com	Chaitanya vysyaraju	Viswanadha institute of technology and management	Assistant professor
10	biradaric@gmail.com	INDUMATI BIRADAR	MBES College of Engineering	Vice principal
11	srinivas.sirish@gvpce.ac.in	Dr.T Srinivas Sirish	GVPCE (A)	Professor
12	kalyan20.kaniganti@gmail.com	Dr.KALYAN RAJ KANIGANTI	Gudlavalleru Engineering College	Assistant professor
13	ganta.ramesh25@gmail.com	Ganta Ramesh	Gudlavalleru Engineering College	Assistant professor
14	ravi0258@gmail.com	VENKATARAVIKUMAR ANDE	LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING	ASSISTANT PROFESSOR

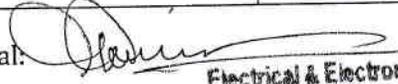
**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village::Gudlavalleru

*AICTE sponsored Online Short Term Training Programme on*  
**"Automation & Intelligent Control Of Electrical Systems" Phase-I**  
03 – 08, August 2020

**STATEMENT OF EXPENDITURE**

S. No.	Purpose	Amount	Total Amount	
1	Honorarium for experts	Dr.Sukumar Mishra, Professor, EE department, Indian Institute of Technology Delhi	15000.00	75000.00
		Dr.Bhimarao S Umre, Professor & Dean(Student Affairs), VNIT,Nagpur.	10000.00	
		Dr.Debapriya Das, Professor,EE department Indian Institute of Technology Kharagpur	15000.00	
		Dr.Ranjan kumar Behra, Associate Professor, Indian Institute of Technology patna	15000.00	
		Dr.D.Koteswar raju, Assistant professor, NIT Silchar	10000.00	
		Dr.N.Selvaganesan,Professor, Department of Avionics, Indian Institute of Space science and Technology,Trivendram	10000.00	
2	Honorarium for Coordinator	Dr. M.Siva Kumar Professor, Gudlavalleru Engineering College	5,000.00	5,000.00
3	Lab attendant engaged during lab practices	Mr.V.V.Chandra Kumar, Lab Tech. Gudlavalleru Engineering College	3,000.00	3,000.00
4	Miscellaneous charges	(A) Purchase of Seagate – 1TB external hard disk for storing all data related to phase – I program	4099.00	4960.00
		(B) Purchase of stationary items	861.00	
		(C) snacks, tea	5040.00	5040.00
Grand total (Ninety Three thousand only)				93000.00

1) Name, Signature & Address of the Coordinator with Seal:

  
Electrical & Electronics Engineering  
Gudlavalleru Engineering College  
GUDLAVALLERU - 521 356

2) Signature of Chartered Accountant:

Name of Chartered Accountant:

the Institute:

Membership No: **R. Satyanarayana, B.Com., F.C.A.**

Rubber Stamp: **M.No: 7189**

Full Address: **Partner: M/s. Siva Krishna & Narayan**

**Chartered Accountants**

**ICAI Regn. No: 0038838**

Date:

3) Signature of Head of the Institute;

Name & Designation of the Head of

**PRINCIPAL**

Rubber Stamp: **Gudlavalleru Engineering College**

Full Address: **GUDLAVALLERU-521356**

Date:



# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, GUDLAVALLERU – 521 356, Andhra Pradesh.



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

## *Certificate of Participation*

*This is to certify that*

**Dr.L Ravi Srinivas**

*from*

**Gudlavalleru Engineering College**

*has participated in AICTE Sponsored Short Term Training Program on “Automation and Intelligent Control of Electrical Systems-Phase-I” organized by Department of Electrical and Electronics Engineering, Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru during 3<sup>rd</sup> – 8<sup>th</sup> August, 2020.*

Prof. (Dr.) M. SIVAKUMAR  
Co-ordinator

Prof. (Dr.) L. R. SRINIVAS  
Head of Department

Prof. (Dr.) P. RAVINDRA BABU  
Principal



# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, GUDLAVALLERU – 521 356, Andhra Pradesh.



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

## *Certificate of Participation*

*This is to certify that*

**Dr.G Srinivasa Rao**

*from*

**Gudlavalleru Engineering College**

*has participated in AICTE Sponsored Short Term Training Program on “Automation and Intelligent Control of Electrical Systems-Phase-I” organized by Department of Electrical and Electronics Engineering, Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru during 3<sup>rd</sup> – 8<sup>th</sup> August, 2020.*

Prof. (Dr.) M. SIVAKUMAR  
Co-ordinator

Prof. (Dr.) L. R. SRINIVAS  
Head of Department

Prof. (Dr.) P. RAVINDRA BABU  
Principal



**GUDLAVALLERU ENGINEERING COLLEGE**  
**SESHADRI RAO KNOWLEDGE VILLAGE**  
**GUDLAVALLERU – 521356 KRISHNA DISTRICT (A.P)**  
**INDIA**

**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

\*\*\*\*\*

**Report on One Week Faculty Development Programme-2020**

***AICTE Sponsored Short Term Training Program on "AUTOMATION AND INTELLIGENT CONTROL OF ELECTRICAL SYSTEMS - Phase-I"***

1. The Department of Electrical and Electronics Engineering of Gudlavalleru Engineering College conducted a One Week Faculty Development Programme on "AUTOMATION AND INTELLIGENT CONTROL OF ELECTRICAL SYSTEMS" during 3<sup>rd</sup> to 8<sup>th</sup> August 2020. About 103 Full time Research Scholars, PG Students and academicians from Engineering & Science colleges from EEE departments have participated in this program.
2. The goal of this FDP is to bring together experts carrying their research on renewable energy sources and microgrids. In particular, the main aim of the FDP is to enhance the learning capabilities of the participants in photovoltaic's, FACTS devices, AI technique applies to smart grids, Zero bus Load flow Fractional-Order Controllers. The FDP cover planning and control of the power system with renewable energy sources and corresponding research challenges.
3. The resource persons and discourse topics for the Faculty Development Programme

S.No	Date & Day	Resource Person	Title of the Session
1	3-8-2020	Prof.(Dr.) Sukumar Misra, IIT-Delhi	Control of Grid connected PV System
2	4-8-2020	Prof.(Dr.) Bhimrao Umre, VNIT-Nagpur	Mitigation of Torsional Oscillations in Turbo-Alternator Set at Thermal Power Plant with FACTS Controllers
3	5-8-2020	Prof.(Dr.) Debapriya Das, IIT-Kharagpur	Micro grid/Virtual Power Plant and Zero Bus Load Flow
4	6-8-2020	Prof.(Dr.) Ranjan Kumar Behera, IIT-Patna	Smart micro grid Technology and integration
5	7-8-2020	Dr. D. Koteswara Raju, NIT-Silchar	Smart Grid & Integration of Renewable Energy Resources Modern Advances in Power Management Strategies for Optimal Operation of Distributed Energy Resources in Micro grids
6	8-8-2020	Prof.(Dr.) N. Selva Ganesan, IISST- Thiruvananthapuram	Limit cycle prediction and suppression using Integer and Fractional-Order Controllers for system with Backlash/Relay Nonlinearity Shaping Limit Cycle Performance of Fractional-Order Controllers for Plants Containing Backlash

H.O.D

**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
**Seshadri Rao Knowledge Village, Gudlavalleru**

**Department of ELECTRICAL AND ELECTRONICS ENGINEERING**

9<sup>th</sup> June 2020

**CIRCULAR**

All the faculty of EEE Department is requested to attend online FDP Program on "**Applied Research In Electric Vehicle Technologies**" From 15-06-2020 to 20-06-2020.



(Dr. L. Ravi Srinivas)  
H.O.D

## ABOUT THE COLLEGE

The Gudlavalleru Engineering college is promoted by AANM & VVRSR Educational Society and was established in 1998. The college is located in Gudlavalleru, a rural area surrounded by lush green fields, providing serene atmosphere to learners. The institute is approved by AICTE, New Delhi and permanently affiliated to JNTUK, Kakinada. The institution was accredited by NAAC with "A" Grade. The college offers B.Tech programmes in six branches of Engineering, viz, Civil, Computer Science, Electrical & Electronics, Electronics & Communication, Information Technology, and Mechanical. It also offers PG programmes including MBA. All the UG Programmes are accredited by NBA. The Institution is continuously striving for excellence by adopting changes to improve the systems, practices and performance.

## ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering has been playing a vital role in producing technologists of high calibre ever since it was established in the year 1998. The Department has been offering a full time four - year B.Tech Degree course since the inception of the institution. The department is also offering M.Tech course in Power Electronics & Electric Drives from the academic year 2009-2010. The department has well qualified, experienced faculty and good laboratory facilities with state-of-the-art equipment. The department has very strong interaction with several reputed industries and R&D organizations. The Department is recognized as Research centre by JNTUK, Kakinada.

## SCOPE OF THE PROGRAM

The goal of this FDP is to bring together experts working at the crossroads of Electric Vehicle Technologies to explore the challenges faced during control and operation of new generation Electrical systems. In particular, the main aim of the FDP is to elicit new connections among these diverse fields, identify tools, best practices & design principles. The FDP will cover selection of batteries, selection of electric motors for specific capacity vehicles, design of battery chargers with specific applications to electric vehicles etc. The FDP also emphasizes on the importance of designing controllers for various electrical problems.

## WHO SHALL PARTICIPATE?

The FDP is aimed at the multi- facet audience from Industry participants, Full time Research Scholars and academicians from Engineering & Science colleges in EEE. We will confirm your participation by email based on first come first serve basis.

## RESOURCE PERSON:

1. Srujana Raghupatruni Patnaik  
Chief Executive Officer,  
Cellerite Systems, Hyderabad.

**One week  
International online  
Faculty Development Program (FDP)  
On  
"Applied Research in Electric Vehicle  
Technologies"  
Jun 15- 20, 2020**



**Organized by  
Department of EEE  
Gudlavalleru Engineering College(Autonomous)  
Sheshadri Rao Knowledge Village  
Gudlavalleru – 521356  
Krishna District, Andhra Pradesh, India.  
[www.gecgudlavalleru.ac.in](http://www.gecgudlavalleru.ac.in)**

**Chief Patrons:**

Dr. Nageswara Rao Vallurupalli, Chairman  
 Sri Srinivasa Rao Musunuri, Co-Chairman  
 Er. Satyanarayana Rao Vallurupalli, Secretary &  
 Correspondent  
 Sri Ramakrishna Vallurupalli, Co-Secretary &  
 Correspondent

**Patron:**

Dr. P. Ravindra Babu, Principal

**Co-patrons:**

Dr. G. V. S. N. R. V. Prasad, Vice Principal-Academics  
 Dr. B. Karuna Kumar, Vice Principal-Administration

**Advisor:**

Dr. P. N. Reddy, Director (AS&A)

**Convener:**

Dr. L.Ravi Srinivas, Professor & Head, EEE Dept.

**Coordinator:**

Sri.E.Vargil Kumar Assoc. Prof.

**Co-Coordiators:**

Sri.G.Ramesh

Assistant Professor, EEE Dept.

**Advisory committee:**

Dr.P.Kodanda Ramarao, Professor & HOD-CE  
 Dr.G.Reddy Babu,Professor,CE  
 Dr. M. Siva Kumar, Professor & Mentor (AS&A),EEE  
 Dr.G.SrinivasaRao, Professor,EEE  
 Dr.M.R.Ch.Sastry, Professor & HOD-ME  
 Dr.A.JawaharaBabu, Professor& Mentor (AS&A),ME  
 Dr.K.SyamSundar, Professor, ME &COE  
 Dr. A. V. N. Tilak, Professor,ECE  
 Dr. V. V. K. D. V. Prasad, Professor & HOD-ECE  
 Dr. M. Kamaraju, Professor & Mentor (AS&A),ECE  
 Dr K. N. Prakash, Professor, ECE  
 Dr.R.S. Rao, Professor, ECE  
 Dr. Y.Ramakrishna, Professor,ECE  
 Dr.D.Ravi Krishna reddy.Professor, ECE  
 Dr.Ch.Balasawamy,Professor,ECE  
 Dr.S.Narayana,Professor & HOD-CSE  
 Dr.M.BabuRao,Professor& Mentor (AS&A),CSE  
 Dr.Ch.Kavitha,Professor& HOD-IT  
 Dr.M.V.L.N.Raja Rao,Professor & Mentor (AS&A),IT  
 Dr.M.Nirmal Chand, Professor & HOD-MBA  
 Dr.G.S.Bhaskara Rao,Professor & HOD-BS&H  
 Dr.P.Ramanujam,Director,ELTC  
 Dr.M.VijayaLakshmi,HOD- English

**Organizing committee:**

Sri.A.Amarendra Assoc. Prof  
 Smt.J.L.Santha Kumari Assoc. Prof  
 Smt.Ch.Sujatha Assoc. Prof  
 Smt.K.Vindhya Smitha Assoc. Prof  
 Sri.E.Vargil Kumar Assoc. Prof  
 Sri.B.Dasu Assoc. Prof  
 Dr.Madhu Kiran Buddi Assoc. Prof  
 Dr.G.Kishor Babu Assoc. Prof  
 Dr.K.Kalyan Raj Assist. Prof  
 Dr.J.Kiran Assist. Prof  
 Sri G.Balaji Assist. Prof  
 Sri B.Mahesh Babu Assist. Prof  
 Sri.K. Santhosh Kumar Assist. Prof  
 Sri.J. Hemasundar Assist. Prof  
 Sri.G.Ramesh Assist. Prof  
 Sri.D.Vijay Arun Assist. Prof  
 Sri. V.Naga Babu Assist. Prof  
 Sri.V.Prathap Babu Assist. Prof  
 Sri.D.Bhavana Rushi Assist. Prof  
 Sri.P.Bala Koteswara Rao Assist. Prof  
 Sri. B. Rama Krishna Assist. Prof  
 Ms. Ch. Trinayani Assist. Prof  
 Ms.Sufia Khanam Assist. Prof  
 Sri.Y.Anil Kumar Assist. Prof  
 Ms.Sk.Jahera Assist. Prof  
 Sri.B.Hanuman Dileep Assist. Prof

**Address for correspondence**

Convener,  
 Knowledge Development Programme  
 Department of EEE  
 Gudlavalleru Engineering College,Gudlavalleru.

**Further details contact:**

G.Ramesh



9490991727



9490991727



geceeeefdp@gmail.com

**Registration link:**

<https://forms.gle/mo1hwjW72gkkRBo98>

**whatsapp link:**

<https://chat.whatsapp.com/Jr7IsGEvUaq8Drbhb2CrVJ>

**Important Deadlines**

FDP dates	15-20 Jun 2020
Last date for registration	13 Jun 2020
Date of confirmation	14 Jun 2019



# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
(Sponsored by A. A. N. M & V. V. R. S. R Educational Society, Gudlavalluru)  
Approved by AICTE, New Delhi and Permitted by AP State Government  
Accredited by NAAC with 'A' Grade



Counselling Code : **GDLV**

**One week International online Faculty Development Programme on**

**“Applied Research in Electric Vehicle Technologies”.**

**15<sup>th</sup> - 20<sup>th</sup> June, 2020.**

**2:00 P.M To 4:00 P.M (IST).**

**Organized by**

***Department of Electrical & Electronics Engineering***

## **Resource Person:**

1. Smt.Srujana Raghupatruni patnaik  
Chief Executive officer,  
Cellerite systems, Hyderabad.

### **Guide lines:**

- ❖ No Registration FEE
- ❖ e-participation certificate will be provided through your e-mail only after given overall feedback
- ❖ Registration must be done using google link:  
<https://forms.gle/mo1hwjW72gkkRBo98>
- ❖ Whatsapp link:  
<https://chat.whatsapp.com/Jr7IsGEvUaq8Drbhb2CrVJ>

**Contact:**



geceeeefdp@gmail.com



9490991727



9490991727

<b>Event</b>	Day 1 <b>One week online FDP- Applied Research in Electric Vehicle Technologies</b>
<b>Event Address for Attendees</b>	<a href="https://tinyurl.com/yd4mfeo4">https://tinyurl.com/yd4mfeo4</a>
<b>Date and Time</b>	15/06/2020 (2.00pm to 4.00 pm)
<b>Description</b>	Introduction - Electric Vehicle Technologies

<b>Event</b>	Day 2 <b>One week online FDP- Applied Research in Electric Vehicle Technologies</b>
<b>Event Address for Attendees</b>	<a href="https://tinyurl.com/y9j5y72l">https://tinyurl.com/y9j5y72l</a>
<b>Date and Time</b>	16/06/2020 (2.00pm to 4.00 pm)
<b>Description</b>	Electric Vehicle – Drive Train Motors

<b>Event</b>	Day 3 <b>One week online FDP- Applied Research in Electric Vehicle Technologies</b>
<b>Event Address for Attendees</b>	<a href="https://tinyurl.com/ydajq2su">https://tinyurl.com/ydajq2su</a>
<b>Date and Time</b>	17/06/2020 (2.00pm to 4.00 pm)
<b>Description</b>	Batteries, BMS, Testing

<b>Event</b>	Day 4 <b>One week online FDP- Applied Research in Electric Vehicle Technologies</b>
<b>Event Address for Attendees</b>	<a href="https://tinyurl.com/yb5reqv">https://tinyurl.com/yb5reqv</a>
<b>Date and Time</b>	18/06/2020 (2.00pm to 4.00 pm)
<b>Description</b>	Electric Vehicle Charging, Types, Impact on Grid.

<b>Event</b>	Day 5 <b>One week online FDP- Applied Research in Electric Vehicle Technologies</b>
<b>Event Address for Attendees</b>	<a href="https://tinyurl.com/y7xrj7u6">https://tinyurl.com/y7xrj7u6</a>
<b>Date and Time</b>	19/06/2020 (2.00pm to 4.00 pm)
<b>Description</b>	Innovations and Recent trends in EVS

<b>Event</b>	Day 6 <b>One week online FDP- Applied Research in Electric Vehicle Technologies</b>
<b>Event Address for Attendees</b>	<a href="https://tinyurl.com/y9j6b2a7">https://tinyurl.com/y9j6b2a7</a>
<b>Date and Time</b>	20/06/2020 (2.00pm to 4.00 pm)
<b>Description</b>	Worldwide Adoption, policies and Standards

**FDP Registration**

Timestamp	Email Address	Name of The College
6/10/2020 16:38:20	hanumanb2006@gecgudlallerumic.in	GUDLAVALLERU ENGINEERING COLLEGE
6/10/2020 16:59:34	rkboni143@gmail.com	GUDLAVALLERU ENGINEERING COLLEGE
6/10/2020 17:12:31	uday4318@gmail.com	VASAVI COLLEGE OF ENGINEERING (A)
6/10/2020 17:23:45	gubbanaveen231@gmail.com	Narasaraopeta Engineering College
6/10/2020 17:26:11	msubbu250e@gmail.com	Narasaraopeta engineering college
6/10/2020 17:45:18	kish.eee01@gmail.com	GUDLAVALLERU ENGINEERING COLLEGE
6/10/2020 17:58:21	guttabalaji.eee@gmail.com	Gudlalleru Engineering College
6/10/2020 18:12:46	durgendra@outlook.in	Aditya Engineering college,surampalem
6/10/2020 18:19:46	bhavanarushi.dontu@gmail.com	Gudlalleru Engineering College
6/10/2020 18:52:13	k.kalyankumar@vardhaman.org	VARDHAMAN COLLEGE OF ENGINEERING
6/10/2020 20:12:23	dallisrinivas@gmail.com	Gayatri vidya parishad college of engineering for women
6/10/2020 20:17:47	devendra.p@gvpcew.ac.in	GVP College of engineering for women
6/10/2020 20:21:13	gsrsanjeevini@gvpcew.ac.in	Gayatri Vidya Parishad College of Engineering for Women
6/10/2020 21:41:58	jak.siddu@gmail.com	TIRUMALA ENGINEERING COLLEGE
6/10/2020 21:42:58	vmr232108@gmail.com	VKR, VNB & AGK COLLEGE OF ENGINEERING
6/10/2020 21:43:03	amamune@gmail.com	BVSR ENGINEERING COLLEGE
6/10/2020 21:43:06	dsanthosh@cmrcet.org	CMR COLLEGE OF ENGINEERING AND TECHNOLOGY
6/10/2020 21:43:35	satyapavankumar229@gmail.com	SIMHADHRI EDUCATIONAL SOCIETY GROUP OF INSTITUTIONS
6/10/2020 21:43:46	powerasish4@gmail.com	SRI SIVANI COLLEGE OF ENGINEERING
6/10/2020 21:43:57	venkateswararao283@gmail.com	Aditya College of Engineering & Technology
6/10/2020 21:44:42	venna.gopilatha@gmail.com	V.K.R,V.N.B&A.G.K COLLEGE OF ENGINEERING
6/10/2020 21:44:44	yellaji202@gmail.com	NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY
6/10/2020 21:45:27	shivalucky6@gmail.com	SIMHADHRI EDUCATIONAL SOCIETY
6/10/2020 21:47:58	bala.sirisha202@gmail.com	V.K.R,V.N.B & A.G.K COLLEGE OF ENGINEERING
6/10/2020 21:48:06	venkatesh15793@gmail.com	The National Institute of Engineering
6/10/2020 21:48:51	mangipudisreedevi@gmail.com	Nadimpalli Satyanarayana Raju Institute of Technology
6/10/2020 21:48:54	ravikumar@diet.edu.in	Dadi Institute Of Engg. & Technology
6/10/2020 21:49:06	mohanmurali227@gmail.com	NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY

6/10/2020 21:52:16	varadausha27@gmail.com	NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY
6/10/2020 21:54:26	eeetec.2012@gmail.com	Tirumala Engineering College
6/10/2020 21:55:02	pdkodandaramakesav@gmail.com	St.anns College of Engineering and Technology
6/10/2020 21:56:35	srinivasrayudu245@gmail.com	ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY
6/10/2020 21:57:35	Jani.eee215@gmail.com	TIRUMALA ENGINEERING COLLEGE
6/10/2020 21:58:30	chinnualladi@gmail.com	VNR COLLEGE OF ENGINEERING
6/10/2020 21:59:02	pradeep@nitsikkim.ac.in	National Institute of Technology Sikkim
6/10/2020 22:01:42	palavalasamahesh@gmail.com	NS Raju Institute of Technology
6/10/2020 22:12:01	rajasekhar.balla@gmail.com	ANITS
6/10/2020 22:13:14	anjishelectrical@gmail.com	NEWTON'S INSTITUTE OF ENGINEERING
6/10/2020 22:15:45	saleem238@gmail.com	AEC
6/10/2020 22:25:51	tejabhanu63@gmail.com	Chalapathi Institute of Engineering & Technology
6/10/2020 22:44:47	yannareddy.p@gmail.com	Swarnandra College of Engineering and technology, Narsapur, AP
6/10/2020 22:55:17	rajanikant.metri@ritindia.edu	Rajarambapu Institute of Technology, Rajaramnagar, Islampur
6/10/2020 23:25:47	saikrishnauce@gmail.com	VIVEKANANDA INSTITUTE OF TECHNOLOGY AND SCIENCE-KARIMNAGAR
6/10/2020 23:55:46	sivaroja@gmail.com	RAJIV GANDHI COLLEGE OF ENGINEERING AND TECHNOLOGY, PONDICHER
6/11/2020 2:03:55	bharath.pulavarthi@ritindia.edu	Rajarambapu institute of Technology Islampur
6/11/2020 4:59:38	kumarnmg@vidyanikethan.edu	Sree Vidyanikethan Engineering College
6/11/2020 6:15:15	baluurce@gmail.com	USHA RAMA COLLEGE OF ENGINEERING AND TECHNOLOGY
6/11/2020 6:31:37	srikanth.islavatu@ritindia.edu	Rajarambapu Institute of Technology
6/11/2020 6:48:44	supriya.maddali@gmail.com	V.K.R,V.N.B& A.G.K COLLEGE OF ENGINEERING
6/11/2020 7:32:39	sreeajeet@gmail.com	Newton's institute of engineering
6/11/2020 7:36:40	ramireddy8@gmail.com	LOYOLA INSTITUTE OF TECHNOLOGY AND MANAGEMENT (LITAM)
6/11/2020 9:21:25	rajaveni9119@gmail.com	IDEAL INSTITUTE OF TECHNOLOGY
6/11/2020 9:56:51	jayababu.badugu@gmail.com	Vigan's LARA Institute of Technology &Science,Vadlamudi
6/11/2020 10:01:48	balaram993@gmail.com	NS RAJU INSTITUTE OF TECHNOLOGY
6/11/2020 10:14:27	rahulpatild13@gmail.com	Rajarambapu Institute of Technology
6/11/2020 10:27:47	uddandujagruthi@gmail.com	A.V.N.Polytechnic
6/11/2020 10:37:56	sachin.kumbhar@ritindia.edu	RIT, Islampur, Sangli, Maharashtra
6/11/2020 10:51:15	nagababu243@gmail.com	Gudlalleru engineering college
6/11/2020 10:52:11	kallurisrinivas2@gmail.com	Dadi institute of Engineering and Technology

6/20/2020 17:50:34	shaiksaida457@gmail.com	PNC&VIJAI INSTITUTE OF ENGINEERING AND TECHNOLOGY	Excellent	5	Yes
6/20/2020 17:54:19	jayaraju2006@gmail.com	TIRUMALA ENGINEERING COLLEGE NARASARAOPET	Excellent	5	Yes
6/20/2020 17:59:14	kogantisrilakshmi29@gmail.com	sreenidhi institute of science and technology	Excellent	5	Yes
6/20/2020 18:01:07	18311A02G4@sreenidhi.edu.in	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	Good	4	Yes
6/20/2020 18:01:11	sprcbtech07@gmail.com	GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY	Excellent	5	Yes
6/20/2020 18:01:26	vs.soumya@nitte.edu.in	NMAMIT, Nitte	Good	4	Yes
6/20/2020 18:02:21	mahi9vkb@gmail.com	Geethanjali college of engineering and technology	Excellent	5	Yes
6/20/2020 18:09:27	yadunand.allam@gmail.com	Brahmaiah College of engineering nellore	Excellent	5	Yes
6/20/2020 18:12:25	18311A02E0@sreenidhi.edu.in	Sreenidhi Institute of Science and Technology	Excellent	4	Yes
6/20/2020 18:17:40	rayuduyadav3049@gmail.com	Sree Vidyanikethan Engineering College	Good	4	Yes
6/20/2020 18:28:10	mohanmurali227@gmail.com	NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY	Excellent	5	Yes
6/20/2020 18:31:07	sachin.kumbhar@ritindia.edu	RIT, Sakharale, Maharashtra.	Excellent	5	Yes
6/20/2020 18:41:38	girishjoshi85@nitte.edu.in	NMAMIT NITTE	Excellent	5	Yes
6/20/2020 18:49:26	upenderrao.vmtw@gmail.com	VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY	Excellent	5	Yes
6/20/2020 19:00:15	sulochanadolly50@gmail.com	Pallavi engineering college	Good	4	Yes
6/20/2020 19:06:40	malli.vnit@gmail.com	Vignana bhārathi institute of technology	Excellent	5	Yes
6/20/2020 19:06:51	irajugoud.989@gmail.com	jyothishmathi Institute of technological sciences	Excellent	5	Yes
6/20/2020 19:11:09	eeeaslam@gmail.com	Universal College of Engineering and Technology ,Guntur	Good	4	Yes
6/20/2020 19:13:15	kousarsana199@gmail.com	KHIT-GUNTUR	Excellent	5	Yes
6/20/2020 19:14:04	venkatk.physics@gmail.com	NNRESGI	Excellent	4	Yes
6/20/2020 19:14:09	lakshmi3019@gmail.com	SREE VIDYANIKETHAN ENGINEERING COLLEGE	Good	3	Yes
6/20/2020 19:28:35	nayiniaparnareddy1997@gmail.com	Jyothishmathi Institute Of Technological Sciences	Good	5	Yes
6/20/2020 19:41:22	cianna.arulraj@gmail.com	ANNAUNIVERSITY REGIONAL CAMPUS COIMBATORE	Good	4	Yes
6/20/2020 20:05:13	anjaiahaderla@tkrcet.com	TKR COLLEGE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)	Excellent	5	Yes
6/20/2020 20:10:43	mallesham.g@gmail.com	Indur Institute of Engineering and Technology	Excellent	4	Yes

**GUDLAVALLERU ENGINEERING COLLEGE**  
Seshadri Rao Knowledge Village, GUDLAVALLERU

From  
The HoD  
Department of EEE  
Gudlavalleru Engineering College,  
GUDLAVALLERU

To  
The Principal  
Gudlavalleru Engineering College,  
GUDLAVALLERU

**UTILIZATION CERTIFICATE**

Ref Letter No : \_\_\_\_\_  
Dated : \_\_\_\_\_  
Name of the event : FDP  
No. of Days : one week  
Duration : 15<sup>th</sup> June - 20<sup>th</sup> June 2020.  
No. of Participants participated : Internal 30 External 230

Actual Expenditure:

Sl. No		Requested (As per Request letter)	Spent(Actual expenditure)
a	Honorarium per person/ day/ per hour		<u>20,000/-</u>
b	Hospitality for Resource persons		<u>-</u>
c	TA		<u>-</u>
d	Banners		<u>-</u>
e	Certificates		<u>-</u>
f	Lunch / Dinner for Participants		<u>-</u>
g	Snacks for Participants		<u>-</u>
h	Scribbling pad and pen etc		<u>-</u>
i	Guest Memento		<u>-</u>
j	Miscellaneous if any		<u>-</u>
		Total.	Rs. <u>20,000/-</u>

Amount paid to the associative organization : Rs. -

Total Expenditure (A+B) : Rs. 20,000/-

Amount sponsored by others if any  
(CSI/ISTE/IETE/IEEE/Students Association etc.) : Rs. -

Amount Collected from participants : No \_\_\_\_\_ @ Rs. \_\_\_\_\_ / head Rs. -

Advance Amount drawn from the Office : Rs. -

Amount due from the college/ to be returned to the college:  
(A+B) - (C+D+E) / (C+D+E) - (A+B) Rs. -

(B)

(C)

(D)

(E)

Feedback Taken :  Yes/No

Participants Opinion : Good

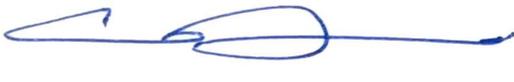
Remarks of the Organizer/ Coordinator :

Signature : 

Remarks of the HoD : can be considered

Signature : 

Remarks of the ~~Dean~~ Vice principal (Academic) : Submitted to the principal for consideration

Signature : 

I G. Ramesh Coordinator of the program has ~~returned~~/received the balance amount of Rs. 20,000/- (in words \_\_\_\_\_) From/~~To~~ The Principal's office.

  
Receivers signature

  
Principal

Enclosed: Proposal submitted

01/07/2020  
Gudlavalluru

To

The principal,  
Gudlavalluru Engineering College,  
Gudlavalluru.

Subject: Sanction honorarium to FDP resource person - Resd.

Respected Sir,

We, department of EEE organised one week online Faculty Development program (FDP) on "Applied Research in Electric Vehicle Technologies" during 15<sup>th</sup> - 20<sup>th</sup> June 2020 with the resource person: Sujana Rashupatruni patnaik, chief executive officer, Cellerite systems, Hyderabad.

In this regard, I would like to request you to sanction the honorarium of Rs 20,000/- to resource person. So please sanction the amount.

Resource person Account details:

A/c NO: 52205219480

A/c name: Sujana Rashupatruni

Branch: P&SB Ranjara hills

IFSC code: SBIN0020940

Thanking you Sir,

~~Submitted to the principal for consideration~~



Rs 20,000/-  


Yours Faithfully



G. Ramesh

FDP Co-ordinator



**GUDLAVALLERU ENGINEERING COLLEGE**  
**SESHADRI RAO KNOWLEDGE VILLAGE**  
**GUDLAVALLERU – 521356 KRISHNA DISTRICT (A.P) INDIA**  
**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

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**Report on One Week on line Faculty Development Programme-June 2020**

**“Applied Research in Electric Vehicle Technologies”**

The Department of Electrical and Electronics Engineering of Gudlavalleru Engineering College conducted one week Online Faculty Development Program (FDP) on “Applied Research in Electric Vehicle Technologies” during 15<sup>th</sup> to 20<sup>th</sup> June 2020 by Srujana Raghupatruni Patnaik, Chief Executive Officer, Cellerite Systems, Hyderabad. About 250 participants from various Engineering Colleges across India have been participated in this program. The main objective of this program is to provide interaction and an opportunity to share view of academicians and practicing engineers.

The aim of the FDP is to bring together experts working at the crossroads of Electric Vehicle Technologies to explore the challenges faced during control and operation of new generation Electrical systems. In particular, the main aim of the FDP is to elicit new connections among these diverse fields, identify tools, best practices & design principles. The FDP has covered selection of batteries, selection of electric motors for specific capacity vehicles, design of battery chargers with specific applications to electric vehicles etc. The FDP has also emphasized on the importance of designing controllers for various electrical problems.

<b>Event</b>	Day 1 <b>One week online FDP- Applied Research in Electric Vehicle Technologies</b>
<b>Event Address for Attendees</b>	<a href="https://tinyurl.com/yd4mfeo4">https://tinyurl.com/yd4mfeo4</a>
<b>Date and Time</b>	15/06/2020 (2.00pm to 4.00 pm)
<b>Description</b>	Introduction - Electric Vehicle Technologies

<b>Event</b>	Day 2 <b>One week online FDP- Applied Research in Electric Vehicle Technologies</b>
<b>Event Address for Attendees</b>	<a href="https://tinyurl.com/y9j5y72l">https://tinyurl.com/y9j5y72l</a>
<b>Date and Time</b>	16/06/2020 (2.00pm to 4.00 pm)
<b>Description</b>	Electric Vehicle -- Drive Train Motors

<b>Event</b>	Day 3 <b>One week online FDP- Applied Research in Electric Vehicle Technologies</b>
<b>Event Address for Attendees</b>	<a href="https://tinyurl.com/ydaiq2su">https://tinyurl.com/ydaiq2su</a>
<b>Date and Time</b>	17/06/2020 (2.00pm to 4.00 pm)
<b>Description</b>	Batteries, BMS, Testing

<b>Event</b>	Day 4 <b>One week online FDP- Applied Research in Electric Vehicle Technologies</b>
<b>Event Address for Attendees</b>	<a href="https://tinyurl.com/yb5ereqv">https://tinyurl.com/yb5ereqv</a>
<b>Date and Time</b>	18/06/2020 (2.00pm to 4.00 pm)
<b>Description</b>	Electric Vehicle Charging, Types, Impact on Grid.

<b>Event</b>	Day 5 <b>One week online FDP- Applied Research in Electric Vehicle Technologies</b>
<b>Event Address for Attendees</b>	<a href="https://tinyurl.com/y7xrj7u6">https://tinyurl.com/y7xrj7u6</a>
<b>Date and Time</b>	19/06/2020 (2.00pm to 4.00 pm)
<b>Description</b>	Innovations and Recent trends in EVS

<b>Event</b>	Day 6 <b>One week online FDP- Applied Research in Electric Vehicle Technologies</b>
<b>Event Address for Attendees</b>	<a href="https://tinyurl.com/y9j6b2a7">https://tinyurl.com/y9j6b2a7</a>
<b>Date and Time</b>	20/06/2020 (2.00pm to 4.00 pm)
<b>Description</b>	Worldwide Adoption, policies and Standards



**H.O.D**  
**(Dr.L.Ravi Srinivas)**



# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru – 521356, Krishna District (A.P.)  
(Approved by AICTE, New Delhi and Permitted by A.P. State Government)

Accredited by NAAC with 'A' Grade

## *Certificate of Participation*

*This is to certify that Dr. M.Siva Kumar of Gudlavalleru Engineering College has actively participated in one week online Faculty Development programme on “Applied Research in Electric vehicle Technologies” organized by Department of Electrical & Electronics Engineering, Gudlavalleru Engineering College, Gudlavalleru, from 15th - 20th June, 2020.*

**G Ramesh**  
**Co-Ordinator**

**Dr. L. Ravi Srinivas**  
**Convener & H.O.D**

**Dr. P. Ravindra Babu**  
**Principal**

## About GEC

The Gudlavalleru Engineering College was established in 1998 by A.A.N.M. & V.V.R.S.R. Educational Society, Gudlavalleru. The College is situated at Gudlavalleru village, surrounded by lush green fields providing serene atmosphere to the learners. The college offers B.Tech programme in six branches of Engineering, viz., Civil, EEE, ME, ECE, CSE & IT, and PG courses in MBA and M.Tech (SE), M.Tech (PEED), M.Tech (MD), M.Tech (VLSI&ES), and M.Tech (CSE). The College is offering two new UG courses in Artificial Intelligence & Data Science and Internet of Things with an intake of 60 from the academic year 2020-21 onwards. All the eligible UG engineering programmes have been accredited by National Board of Accreditation (NBA) of AICTE, New Delhi and by NAAC. The college is also Accredited by TCS.

## About the Department

The Department of Mechanical Engineering was established in 1998 and is offering B.Tech course in Mechanical Engineering and M.Tech in Machine Design. The department has qualified and experienced staff and well equipped laboratories with the state-of-the-art facilities. It has been accredited 4 times (one time under Tier-1) by the National Board of Accreditation (NBA) and recognized as Research Centre by JNTUK, Kakinada. Students of the department have added value to the department by getting placed in reputed core and software companies and by excelling in competitive examinations. The Department is marching forward keeping pace with the technological advances in Mechanical Engineering.

## About the FDP

The main aim of the online faculty development program is to introduce advances in academic research as well as industry practices in development of solar energy driven electric vehicles, role of hybrid energy storage systems for EVs applications, energy sources hybridization and future of Electric Vehicles. Lectures from eminent speakers from premier institutions and industries will be delivered and will help to know about the recent trends in electric vehicles.

## Chief Patrons

Dr. Nageswara Rao Vallurupalli, *Chairman*  
Sri Srinivasa Rao Musunuri, *Co-Chairman*  
Er. Satyanarayana Rao Vallurupalli, *Secretary & Correspondent*  
Sri Ramakrishana Vallurupalli, *Co-Secretary & Correspondent*

## Patron

Dr. G.V.S.N.R.V. Prasad, *Principal*

## Co-Patrons

Dr. M. R. Ch. Sastry, *Vice Principal, Academics*  
Dr. P. Kodanda Rama Rao, *Vice Principal, Administration*

## Advisor

Dr. P. Ravindra Babu, *Advisor to the Management*  
Dr. P. Nageswara Reddy, *Director (R&D, C&T, PG Studies)*  
Dr. B. Karuna Kumar, *Director (AS&A)*

## Convener

Dr. A. Jawahar Babu, *Professor & HoD, ME*

## Coordinators

Dr. Narasimha Suri Tinnaluri, *Assistant Professor*  
(Contact No: 9704838763)  
Dr. Prabhakar Rao Ganji, *Associate Professor*  
(Contact No: 8332877053)

## Important Dates

Last Date for Registration : 14-03-2021  
Confirmation through E-Mail : 15-03-2021  
Dates of Programme : 17<sup>th</sup> -19<sup>th</sup> March 2021  
(10.00 AM to 12.00 Noon)

## Resource Persons:

- Dr. K. Srinivas Reddy, IIT Madras
- Dr. D. Raveendhra, Zunik Energies Pvt. Ltd., Samalkot
- Dr. A. Geetha, SRMSIT, Chennai

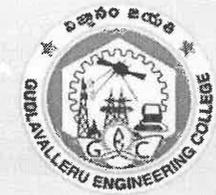
## Registration link:

[https://docs.google.com/forms/d/1YSI8xH3D385jxKYhovpKZCOS8bEOfTW\\_e7GmwKxMW9s/edit](https://docs.google.com/forms/d/1YSI8xH3D385jxKYhovpKZCOS8bEOfTW_e7GmwKxMW9s/edit)

## Certificate:

E-certificate will be given to the registered participants who attend all the sessions.

No Registration Fee  
The number of participants is limited to 150



# Three Days Online Faculty Development Programme on Recent Trends in Electric Vehicles-PHASE 1

17<sup>th</sup> - 19<sup>th</sup> March 2021



Organized by

Department of Mechanical Engineering  
GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with permanent affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village

Gudlavalleru-521356

Krishna Dt. Andhra Pradesh, India.

Phone: 08674-273737, 273888

Fax: 08674-273957

E-Mail: [tnsuri.suri@gmail.com](mailto:tnsuri.suri@gmail.com)

Website: [www.gecgudlavalleu.ac.in](http://www.gecgudlavalleu.ac.in)

**GUDLAVALLERU ENGINEERING COLLEGE**  
Seshadri Rao Knowledge Village, GUDLAVALLERU

Proposal to Organize FDP

Date: 08/03/2021

From  
The HoD  
Department of Mechanical Engineering  
Gudlalleru Engineering College,  
GUDLAVALLERU

To  
The Principal  
Gudlalleru Engineering College,  
GUDLAVALLERU

Letter No: GEC/ME/FDP/2020-2021/1

Program : Three Day Online Faculty Development Program

Event : National

Name of the Event : Recent Trends in Electric Vehicles – Phase I

No. of Days : Three Days

Duration : 17/03/2021-19/03/2021

Targeted Audience : Faculty

Expected No. of Participants:

External	Internal
120	30

Co-ordinator(s) :

S. No	Name	Designation	Mobile No
1	Dr. Narasimha Suri Tinnaluri	Assistant Professor	9704838763
2	Dr. Prabhakar Rao Ganji	Associate Professor	8332877053

Associative Organization if any : No

Resource person(s) :

S. No	Name	Designation	Organization
1	Dr. K. Srinivas Reddy	Professor/ Mechanical Engineering	IITM, Madras
2	Dr. Dogga Raveendhra	Chief Technology Officer	Zunik Energies Pvt. Ltd./ Samalkot, East Godavari
3	Dr. A. Geetha	Assistant Professor/ Electrical and Electronics Engineering	SRM Institute of Science and Technology, Chennai

Brief profile of resource person(s) (if available enclose.)

**Objective(S) of the program:**

1. To create awareness on recent trends in hybrid energy storage and charging systems and its applications.
2. To facilitate the participants to understand the development of solar energy driven Electric vehicles.

**Expected outcome: At the end of the program faculty will be able to**

1. choose various energy storage and charging systems
2. design of solar energy driven Electric vehicles.

Approximate Expected Expenditure Statement

		Rs.
a	Honorarium per person/ day @Rs.5000/- per 2 hours (3 days x 5000/- per day)	15,000/-
b	Hospitality for Resource persons	---
c	TA	---
d	Banners	---
e	Certificates	500/-
f	Lunch / Dinner for Participants	---
g	Snacks for Participants	---
h	Scribbling pad and pen etc	---
i	Guest Memento	---
j	Miscellaneous	---
	Total	Rs. 15,500/-

Amount to be Collected from participants : NIL

No \_\_\_\_\_ @ Rs. \_\_\_\_\_ / participant Rs. NIL

Amount sponsored by others if any : NIL  
(CSI/ISTE/IETE/IEEE/Students Association/etc.) Rs. NIL

Budget Sanctioned  
by the college under FDP/SDP : Rs: 1,00,000/-  
Budget Spent FDP/SDP (till today) : Rs: 61,053

Balance amount available : Rs: 38,947/-

Amount requested from the college to meet the expenditure : Rs.15,500/-  
A-(B+C)

Advance amount Requested to meet the initial expenditure : Rs. 15,500/-

Kit/ Any other Material given by the Associative Organization : No

If yes type of supporting material : No

Approximate cost of material / Kit

which is included in the cost collected from the participants : No

Recommendations of the HoD

Approval may kindly be given on the proposed topic as it is the latest trend in automobile sector.

Signature of the HoD



Recommendations of the Vice Principal Academics

May be permitted to organize faculty development programme

Signature of the Vice Principal Academics

MK usasw 03/21

Recommendations of the Principal

Approved



Principal Signature

I Dr. Narasimha Suri Tinnaluri Co-ordinator of the program have received an amount of Rs. 15,500/- (in words Fifteen thousand five hundred rupees only) from principal's office as an advance amount to meet the Initial expenditure.



Signature of Co-ordinator

# Gudlavalleru Engineering College

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, GUDLAVALLERU

*Dept. of Mechanical Engineering*

**FDP on "Recent Trends in Electric Vehicles: Phase-I" during 17th - 19th March, 2021, Registered Participants**

S.No.	Mail ID	Name of the Participant	Designation	Institute	Address	Cell No.
1	premshines0713@gmail.com	Premdas Nalluri	Assistant Professor	GEC	Gudlavalleru	9652633620
2	syamsundarkota@gmail.com	Kota Syam Sundar	Professor	Gudlavalleru Engineering College	Department of Mechanical engineering	9949253888
3	bazanircee@gmail.com	Dr BAZANI SHAIK	Professor	RAMACHANDRA COLLEGE OF ENGINEERING	Eluru	9966786948
4	chsai1997@gmail.com	Sai	Assistant lecturer	Bapatla polytechnic college	Bapatla	6303822762
5	pravinbachhav@gmail.com	Pravin B Bachhav	Manager	CIPET Aurangabad	Flat no A3601, flamingo apartment, midc chikalhana	9325687905
6	ykoteswararao85@gmail.com	YANIGANDLA KOTESWARA RAO	LECTURER	BAPATLA POLYTECHNIC	Near talimkhana, srungarapuram, bapatla	9989377586
7	vgar2014@gmail.com	V Ganesh Ram	Lecturer(Mechanical)	CIPET Aurangabad	C12/170, Kendriya vihar, paruthipattu, Avadi, Chennai-600071	7358664508
8	raonaidupalem@gmail.com	Prof .Muppa Lakshman Rao	Principal	Baptla polytechnic college	Principal, Baptla polytechnic college, Baptla ,AP.,	9849140465
9	drpk.jogi@gmail.com	JOGI. Phani Kumar	Assistant Professor	Gudlavalleru Engineering College	Assistant Professor, Dept of ME, Gudlavalleru Engineering College, Gudlavalleru	9177311577
10	nagaraju.megec@gmail.com	Naga Raju Tenali	Assistant professor	Gudlavalleru Engineering college	Gudlavalleru	9866117962
11	raghava.306@gmail.com	Raghavendra Yeddu	Assistant professor	Raghu engineering college	D no 39-29-41 BHEEMANAGAR PUNJAB HOTEL	9290926811
12	kiranbabu.battula58@gmail.com	B Kiran	Assistant Professor	Usha Rama College of Engineering and Technology	Usha Rama College of Engineering and Technology	9949221277
13	vvreddy.324@gmail.com	V VENKATRAMI REDDY	Assistant professor	LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING	Mylavaram	9989460311

**FDP on "Recent Trends in Electric Vehicles: Phase-I" during 17th - 19th March, 2021, Registered Participants**

S.No.	Mail ID	Name of the Participant	Designation	Institute	Address	Cell No.
14	preetamsbharadiya@gmail.com	Preetam Satish Bharadiya	Lecturer (Plastics Engineering & Technology)	Central Institute of Petrochemical Engineering & Technology: Center for skilling & technical support, Aurangabad, Maharashtra, India	N4 sector, Aurangabad-431001, Maharashtra, India	9403834810
15	haritha.potluri@gmail.com	Dr. P. HARITHA	Assistant Professor	GUDLAVALLERU ENGINEERING COLLEGE	GUDLAVALLERU	8121727473
16	vamsikrishna.mamidi@svcolleges.edu.in	Dr. Vamsi Krishna Mamidi	Associate Professor	Dr.M. Vamsi Krishna	Sri venkateswara college of engineering	8978407734
17	venkateswarareddyk7@gmail.com	KOLAGOTLA VENKATESWARA REDDY	ASSISTANT PROFESSOR	LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING	MYLAVARAM	7386872267
18	lrphysics123@gmail.com	S LAKSHMI RANGAIAH	Lecturer in Physics	KSN GOVT DEGREE COLLEGE FOR WOMEN	BHAIRAV NAGAR, ANANTAPUR	9440418274
19	jonnalasu@yahoo.co.in	JONNALA SUBBA REDDY	Associate Professor	LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING, MYLAVARAM	Mylavaram - 521230	9985100936
20	srinukarnati123@gmail.com	KARNATI SRINIVASA RAO	Assistant professor	Lakireddy Balireddy college of engineering	Mylavaram	8790555415
21	pottipoguchanti@gmail.com	P chanti	Assistant professor	R K COLLEGE OF ENGINEERING	Kethanakonda	8185862068
22	nsuneel.me@nsrit.edu.in	NAKKA.SUNEEL KUMAR	Assistent Professor	NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY	Vishakhapatnam	9666963486
23	bajireddy.mtech@gmail.com	SEELAM BAJI KARIMULLA REDDY	Assistant professor	GUDLAVALLERU ENGINEERING COLLEGE	Mechanical engineering department	7416720430
24	mousamchoudhury@gmail.com	Mousam Choudhury	Senior Technical Officer	CIPET CSTS Aurangabad	CIPET CSTS Aurangabad Maharashtra	9777133903
25	usharani.me@nsrit.edu.in	USHA RANI BHUPATHI	Assistant Professor	Nadimpalli satyanarayana Raju Institute of Engineering and Technology	Sontyam	9000920231

**FDP on "Recent Trends in Electric Vehicles: Phase-I" during 17th - 19th March, 2021, Registered Participants**

S.No.	Mail ID	Name of the Participant	Designation	Institute	Address	Cell No.
26	krishnakumar.tirupathi@gmail.com	T T V S R KRISHNA KUMAR	Assistant professor	Nadimapalli satyanarayana raju institute of technology (A),sontyam	Sontyam	9032570287
27	anusha.mylavarapu@aec.edu.in	anusha mylavarapu	Assistant professor	Aditya Engineering college	Kakinada	9542721665
28	mahendra.rana32@gmail.com	MAHENDRA SINGH RANA	Senior Technical Assistant (SG)	Central Institute of Petrochemicals Engineering & Technology	Centre for Skilling and Technical Support (CSTS), Plot No. J - 3/2 , MIDC Industrial Area , Chikalhana , Aurangabad - 431006	9415000668
29	karankakade07@gmail.com	Karan Arun Kakade	Lecturer ( Plastics Engineering and Technology)	CIPET AURANGABAD	502, Venus Heights, Manibadra society, Swaminarayan gurukul school road, Chala - Vapi, 396191	8000060671
30	yashgandhi013@gmail.com	Yashkumar Gandhi	Assistant Manager	Varroc Engineering Ltd.	King's Nest PG Accommodation, N1, CIDCO, Aurangabad, Maharashtra	9327549355
31	ank21093@gmail.com	Ankit verma	Sr.Engineer	Dhoot Electricals Systems Pvt ltd	N1 Cidco	7599221151
32	udayalakshmi37@gmail.com	Udaya Lakshmi Bondada	Assistant professor	LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING,MYLAVRAM	Lbrce,mylavaram	8297502989
33	tapaswini123sahu@gmail.com	TAPASWINI SAHU	ASST.PROF	DRIEMS	Plot-1026, Ghatikia, Near CET engg College, Bhubaneswar, ODISHA	9437195274
34	ramprasad.vizag@gmail.com	Kona Ram Prasad	Assistant Professor	Nadimpalli Satyanarayana Raju Institute of Technology	Visakhapatnam	7569323977
35	dks123kosala@gmail.com	DILLIP KUMAR SAHOO	PROFESSOR	SE&RC	Bhubaneswar, odisha	7978614949
36	chittemma.eee@jntukucev.ac.in	Chittemma Yerra	Assistant Professor	Jntukucev	Eee department, jntukucev	7932567501
37	samparkasheesh@gmail.com	Asheesh Kumar	Assistant Professor	MAHATMA GANDHI INSTITUTE OF TECHNOLOGY, HYDERABAD	H.No. -509 , Gyandeeep Towers, Moosarambagh, Malakpet, Hyderabad-36	9450372340

**FDP on "Recent Trends in Electric Vehicles: Phase-I" during 17th - 19th March, 2021, Registered Participants**

S.No.	Mail ID	Name of the Participant	Designation	Institute	Address	Cell No.
38	udaya7274@gmail.com	Udaya Sri Kakarla	Associate Professor	KG Reddy College of Engineering and Technology	Flat No: 102, plot Ni: 16-11-16/D/B/2, Sreya Bethany Appartments, Sripuram Colony, Hyderabad.	9490117270
39	venkatesan@arunai.org	VENKATESAN S	Assistant professor	Arunai Engineering College, Tiruvannamalai	Arunai engineering college, velu nagar, Mathue, Tiruvannamalai, Tamilnadu. Pin:606603	7904872974
40	kannanc305@gmail.com	C.Kannan	Assistant professor	Arunai Engineering College	Tiruvannamalai	9841005438
41	rajuyadav523@gmail.com	AMBATI NAGARAJU	ASSISTENT PROFESSOR	NBKRIST	VIDYANAGAR KOTA MD, SPSR NELLORE DT, ANDHRA PRADESH 524413.	9491354647
42	johnsagark@gmail.com	Johnsagar Kuraganti	Lecturer	Bapatla Polytechnic	Bapatla	9866701604
43	sachin93gupta@gmail.com	Sachin Kumar Gupta	Assistant professor	Aditya Engineering College	Mechanical engineering, Aditya Engineering College, Surampalem	9092668474
44	subashr088@gmail.com	SUBASHKARAN R	ASSISTANT PROFESSOR	ARUNAI ENGINEERING COLLEGE	TIRUVANNAMALAI	9047128755
45	suresh.me@nsrit.edu.in	J Suresh Kumar	Assistant professor	Nadimpalli Satyanarayana Raju institute of science and technology	NSRIT college	9966101417
46	kanullakarthik84@gmail.com	KANULLA KARTHIK	ASSISTANT PROFESSOR	LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING	Mylavaram-521230	7032023534
47	pranu304@gmail.com	B PRANEETH	Asst. Professor	Amrita Sai Institute of Science & Technology	D.no-18-7-17, Kuddusnagar, vijayawada.	9985206070
48	velnathan@gmail.com	V.VELMURUGAN	ASSISTANT PROFESSOR	ARUNAI ENGINEERING COLLEGE	ARUNAI ENGINEERING COLLEGE, DEPT. OF EIE, TIRUVANNAMALAI, TAMILNADU, INDIA	9786210986
49	nandha30electra@gmail.com	C. Nandhakumar	Assistant Professor	Arunai Engineering College, Thiruvannamalai.	31/C9, Ajeez Colony, 4th street, Thiruvannamalai -606601.	9865714571
50	banda.hari@villacollege.edu.mv	B. HARI	LECTURER	VILLA COLLEGE, Maldives	Maldives	60 7360532

**FDP on "Recent Trends in Electric Vehicles: Phase-I" during 17th - 19th March, 2021, Registered Participants**

S.No.	Mail ID	Name of the Participant	Designation	Institute	Address	Cell No.
51	nagendlabharathi@gmail.com	N.BHARATHI	Lecturer	Bapatla polytechnic College	D.no 5-102/A Rayavaram (vill), macherla (md),guntur (dt) pin 522426	6281514987
52	chemichilak@gmail.com	J. THILAGAN	Assistant Professor	Arunai Engineering College,Tiruvannamalai 606603, Tamilnadu	Mr. J. THILAGAN B.E., M.Tech., M.B.A., Assistant Professor, Department of Chemical Engineering, Arunai Engineering College, Tiruvannamalai 606603, Tamilnadu	7667375050
53	mvsrpooja@gmail.com	MADUPU POOJITHA	Assistant Professor	NALLA NARASIMHA REDDY EDUCATION SOCIETY'S GROUP OF INSTITUTIONS	Hyderabad	7075681262
54	tjpk@pvpsiddhartha.ac.in	T J PRASANNA KUMAR	Assistant Professor	Prasad V Potluri Siddhartha Institute of Technology	Department of Mechanical engineering, PVPSIT, KANURU, VIJAYAWADA	8885561986
55	dbjani@rediffmail.com	JANI DILIP BATUKRAY	Associate professor	Government Engineering College, Dahod	Government engineering college Dahod	9428044640
56	prassu.p2017@gmail.com	Mrs. P. Prasanna Kumari	Assistant Professor	VIGNAN'S INSTITUTE OF ENGINEERING FOR WOMEN	Chinamushidiwada, pendurthy, Visakhapatnam	9059604983
57	esrlitam@gmail.com	Dr.E.SUBBARAO	Professor	Svist	C.k.dinne, Kadapa,A.P.	9441169264
58	drmaa786@gmail.com	Dr Mohammed Abid Ali	Professor	PSCMR College of Engineering & Technology Vijayawada	Vijayawada	9441581156
59	ppprasanthi@pvpsit.ac.in	Dr. Phani Prasanthi	Associate Professor	Prasad v potluri Siddhartha Institute of Technology	Kanuru vijayawada	9032963948
60	vnbrao24ster@gmail.com	Dr VAKADA NAGABHUSHANA RAO	Professor	RAGHU INSTITUTE OF TECHNOLOGY (A)	VISAKHAPATNAM	9177147058
61	kandunuri.123@gmail.com	Dr.K.L.N.Murthy	Professor	A.M.Reddy memorial college of Engineering	A.M.Reddy memorial college of engineering, Narasaraopet	9985419628

**FDP on "Recent Trends in Electric Vehicles: Phase-I" during 17th - 19th March, 2021, Registered Participants**

S.No.	Mail ID	Name of the Participant	Designation	Institute	Address	Cell No.
62	venkatrao.me54@gmail.com	KASUKURTHI VENKATARAO	Assistant Professor	PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY	Department of Mechanical Engineering, PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY	99517 69585
63	sumanthchpvpst@gmail.com	MOHAN SUMANTH CH	Assistant professor	PRASAD V POTLURI SIDDHARTH INSTITUTE OF TECHNOLOGY	Me department pvpsit	9030105759
64	pvv460@gmail.com	P Venkata Vineeth	Research scholar	S V University	Department of Mechanical engineering	8801512305
65	dkesava131@gmail.com	Dandu Kesava	Assistant Professor	VIGNAN'S INSTITUTE OF ENGINEERING FOR WOMEN	Kapujaggarajupeta, VSEZ Post	8886365817
66	anoosha.peyyala@gmail.com	Dr.P.Anusha	Assistant professor	P V P Siddhartha Institute of Technology	Vijayawada	9492173371
67	chandradeepak214@gmail.com	Karanam Deepak	Assistant professor	G.pullaiah college of Engineering and Technology	H No 11/80 A1 krishna nagar kurnool	9110508554
68	2venkee@gmail.com	Venkateswarlu Velisala	Professor	VKR VNB & AGK College of Engineering	Gudivada	7013562175
69	chandrasekhararao@rgukt.ac.in	Dr.V.Chandra Sekhara Rao P	Assistant Professor	RGUKT-BASAR	RGUKT-BASAR, Telangana 504107	9444240356
70	reddy865@gmail.com	Srinivasa Reddy Badduri	Assistant professor	KITS, Warangal	Mechanical engineering department	9848494193
71	rk.9494209993@gmail.com	RATNA KUMAR GOTRU	Assistant Professor	Gudlavalleru Engineering College	1-79, James peta, Gudlavalleru	9494209993
72	karunkumar.4g@gmail.com	Dr.G Karuna Kumar	asst professor	Gudlavalleru engineering college	Gudlavalleru engineering college	9502789200
73	suryanaayna0143@gmail.com	PATNALA SURYA NARAYANA	Lecturer in Mechanical depaetment	S M V M POLYTECHNIC TANUKU	Sajjapuram,SMVM POLYTECHNIC HOSTEL ,TANUKU	8121971840
74	girishmnnit4951@gmail.com	Girish Gupta	Assistant professor	Jkie bilaspur	Mahamaya mandir road durjaban para pandariya ward no 15 pandariya district kabirdham	7869646037

**FDP on "Recent Trends in Electric Vehicles: Phase-I" during 17th - 19th March, 2021, Registered Participants**

S.No.	Mail ID	Name of the Participant	Designation	Institute	Address	Cell No.
75	girjas.patel@sruraipur.ac.in	Dr. Girja Shankar Patel	Librarian	Shri Rawatpura Sarkar University, Raipur	MIG-763, Vishwa Bank Collony kurud, bhilai, Cg 490024	19826232731
76	gita.sahu@sruraipur.ac.in	Gita Sahu	Assistant professor	Shri Rawatpura Sarkar University Raipur	Shri Rawatpura Sarkar University Raipur	8839942331
77	nandhajfk@gmail.com	M. NANDHA KUMAR	ASSISTANT PROFESSOR	EXCEL ENGINEERING COLLEGE	334, VIVEKANANDHAR SALAI, NARAYANAVALASU, ERODE - 638011	9629231032
78	rvinomech@gmail.com	Dr.R.Vinoth	Associated Professor	Excel Engineering College	Department of Mechanical Engineering Excel Engineering College Namakkal Tamilnadu	9944280433
79	syamdegala@gmail.com	SYAM KUMAR DEGALA	Assistant Professor	Pace Institute of Technology and Sciences	Vallur, Ongole	8977312119
80	sakthirames@gmail.com	T.M SAKTHI MURUGA	Assistant professor	Excel Engineering College	Komarapalayam	9843486843
81	adithyasiddhartha12@gmail.com	Dr. Y. Vinodhini	Professor	AUCBM	Hyderabad	8143134859
82	ashokkumarrtk7@gmail.com	Mr. Ashok Kumar	Assistant Professor	Yash college of Education, Rurkee, Rohtak, Haryana, PIN - 124001	ashokkumarrtk7@gmail.com	94169815110
83	ekta102dewangan@gmail.com	Ms.Ekta Dewangan	Assistant Professor	Shri Rawatpura Sarkar University	Raipur	9691391136
84	shradhaupadhyay97@gmail.com	Shradha Upadhyay	Asst Professor	Shri Rawatpura Sarkar University, Raipur (CG)	Shri Rawatpura Sarkar University, Raipur (CG)	8517903598
85	ppgowthammech@gmail.com	GOWTHAM.PP	Assistant Professor	EXcel Engineering College	EXcel Engineering College	8883773636
86	souradeepro@dscc.ac.in	Mr. Souradeep Roy	Lecturer	Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, JIS GROUP, West Bengal	Civil Engineering Dept., Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, JIS GROUP, Dumdum, Kolkata, West Bengal.	7595872852
87	rajeshsp37@gmail.com	S.P.RAJESH	Assistant Professor	Excel College of Engineering and Technology	Excel group institution	9688276727

**FDP on "Recent Trends in Electric Vehicles: Phase-I" during 17th - 19th March, 2021, Registered Participants**

S.No.	Mail ID	Name of the Participant	Designation	Institute	Address	Cell No.
88	aruljik@gmail.com	ARULKUMAR K	Mechanical Engineering	Excel Engineering College	18/8A Srinivasa Street, Gobichettipalayam	9894923800
89	boseriya33@gmail.com	Manisha Bose	Assistant Professor	Shri Rawatpura Sarkar University	Shri Rawatpura Sarkar University	7999590692
90	maheshmyanpawar@gmail.com	Mahesh Myanpawar	Lecturer	CIPET, AURANGABAD	Plot no-35/A, New Shanti Niketan Colony, Trimurti Chowk, Akashwani, Aurangabad-431001	9923185048
91	selvakumar.ecet@excelcolleges.com	N.SELVAKUMAR	Assistant Professor	Excel Engineering College	Pallakapalayam(po), Komarapalayam (Tk), Namakkal- 637303.	9944774554
92	muraliboni4@gmail.com	Muralikrishna Boni	Research scholar	Nit Warangal	Nit warangal	8885223271
93	rajumechanical786@gmail.com	GANTA RAJU	Assistant professor	BONAM VENKATA CHALAMAYYA ENGINEERING COLLEGE	Odalarevu	9491949264
94	vijaysundarbe@gmail.com	Dr.s.vijayakumar	Professor	BVC Engineering college (Autonomous)	Odalarevu, Amalapuram, andhrapradesh	9159804849
95	satyasrinivas4@gmail.com	Veera Satya srinivas Gollapalli	Assistant professor	Aditya college of Engineering and Technology	Gollaprolu	9959406080
96	Shilpi.srivastava@kalingauniversity.ac.in	Dr. Shilpi Shrivastava	Professor	Kalinga University Naya Raipur	Kalinga University Naya Raipur Chhattisgarh	8878101537
97	arif309mech@gmail.com	Abdul Arif	Assistant professor	Aditya college of Engineering and Technology	Aditya college of Engineering and Technology, East Godavari- 533437	7036358658
98	sai.swathi318@gmail.com	Maddu Sai Swathi	Assistant Professor	Aditya College of Engineering & Technology	Aditya Nagar ,Surampalem	9959746682
99	prof.akhileshsingh@gmail.com	Dr. Akhilesh Kumar Singh	Associate Professor	Aditya College of Engineering and Technology, Surampalem, A.P.	Aditya College of Engineering and Technology, Surampalem, A.P.	9612625040
100	drdanaiahpuli@gmail.com	Dr DANAI AH PULI	Professor	Aditya College of Engineering and Technology Surampalem	Mechanical Engineering department, Aditya College of Engineering and Technology Surampalem	7901533324

**FDP on "Recent Trends in Electric Vehicles: Phase-I" during 17th - 19th March, 2021, Registered Participants**

S.No.	Mail ID	Name of the Participant	Designation	Institute	Address	Cell No.
101	hemanthyalla97@gmail.com	Yalla Hemanth	Assistant Professor	Ramachandra College of Engineering	NH - 5, ByPass Road, Vatluru (V), Eluru, West Godavari Dst.	9494598927
102	farooqui.mm@rediffmail.com	Dr MKM Farokhi	Professor	VVIT	VVIT.Nambur.guntur	9885060475
103	subhasdey633@gmail.com	SUBHASHISH DEY	Assistant Professor	Gudlavalleru Engineering College	SUBHASHISH DEY, Gudlavalleru Engineering College, Andhra Pradesh, India	6291284104
104	baluvurisudhakar@rcee.ac.in	B. SUDHAKARA RAO	Associate Professor	Ramchandra college of engineering	Rce	8374229677
105	vijaylokhande20@gmail.com	Vijay Lokhande	Faculty	CIPET	Aurangabad	9975302108
106	sivakumar.cee@jntukucev.ac.in	PANIGRAHI SIVA KUMAR	Assistant Professor	University College of Engineering Vizianagaram	EEE DEPARTMENT, JNTUK UCEV	9032475841
107	surendrayadav.337@gmail.com	VEERLA SAI SURENDRA	ASSISTANT PROFESSOR	RAMACHANDRA COLLEGE OF ENGINEERING	ELURU	8121234850
108	pvsmkumar66@gmail.com	Pulivarthi Surendra Mohan Kumar	Professor	Vasireddy Venkatadri institute of technology	Vvit namburu	9491185052
109	dvsrao@vvit.net	D V SESHAGIRIRAO	Associate Professor	VVIT	VVIT	9951159363
110	raghavendra.mathe@gmail.com	M V RAGHAVENDRA RAO	Assistant Professor	Ramachandra College of Engineering	Eluru	9963404235
111	basa_aditya@vvit.net	Basa Aditya Mani Sai Pavan	Assistant Professor	Vasireddy Venkatadri institute of technology	Namburu	9885213476
112	rammi204@gmail.com	Ramesh pulipati	Lecturer	Bapatla polytechnic College	Murukondapadu post Bapatla	9642114395
113	drdhaneshjoshi@gmail.com	Dr Dhanesh Joshi	Assistant Professor	Shri Rawatpura Sarkar University Raipur	Prayag vihar colony santoshi nagar raipur chhattisgarh	9425211714
114	shaikgouse7225@gmail.com	SHAIK GOUSE BASHA	Assistant professor	PACE INSTITUTE OF TECHNOLOGY & SCIENCES	VALLURU, PRAKASAM DISTRICT	9182611745
115	prasadrtnala2012@gmail.com	Ratnala Prasad	Assistant professor	Aditya college of engineering & Technology	Surampalem	8309184223
116	suresh.avula321@gmail.com	AVULA SURESH	Assistant professor	Bapatla engineering college	Bapatla	9441463587

**FDP on "Recent Trends in Electric Vehicles: Phase-I" during 17th - 19th March, 2021, Registered Participants**

S.No.	Mail ID	Name of the Participant	Designation	Institute	Address	Cell No.
117	iftekharhussainb@gmail.com	Dr. B. IFTEKHAR HUSSAIN	Associate Professor	Bapatla Engineering College	Department of Mechanical Engineering, Bapatla Engineering College, BAPATLA-522102, Guntur District, Andhra Pradesh	9966673866
118	siddik.hrd@rcee.ac.in	SIDDIKALI P	Assistant professor	Ramachandra College of engineering	Eluru	7416396321
119	vimalkumar@arunai.org	Vimalkumar	HOD Chemical	Arunai Engineering College	Department of Chemical engineering, Arunai Engineering College, Tiruvanaamalai	9442416135

**GUDLAVALLERU ENGINEERING COLLEGE**  
Seshadri Rao Knowledge Village, GUDLAVALLERU

Dt: 30-03-2021

From  
The HoD  
Department of Mechanical Engineering  
Gudlalleru Engineering College,  
Seshadri Rao Knowledge Village,  
GUDLAVALLERU - 521 356.

To  
The Principal  
Gudlalleru Engineering College,  
Seshadri Rao Knowledge Village,  
GUDLAVALLERU - 521 356.

**UTILIZATION CERTIFICATE**

Ref Letter No : GEC/ME/FDP/2020-2021/1  
Dated : 08-03-2021  
Name of the event : Three Day Online FDP on "Recent Trends in Electric Vehicles – Phase 1"  
No. of Days : 03  
Duration : 17<sup>th</sup> – 19<sup>th</sup> March, 2021

No. of Participants participated : Internal - 30 External - 110

**Actual Expenditure:**

S. No	Description	Requested (As per Request letter)	Spent(Actual expenditure)
a	Honorarium per person/ day/ 2 hours Dr. K. Srinivas Reddy– 5,000/- Dr. A. Geetha – 5,000/-	15,000 .00	10,000.00 /
b	Hospitality for Resource persons	-	-
c	TA	-	-
d	Banners	-	-
e	Certificates	500.00	378.00 /
f	Lunch / Dinner for Participants	-	-
g	Snacks for Participants	-	-
h	Scribbling pad and pen etc	-	-
i	Guest Memento	-	-
j	Miscellaneous (Printing PPTs & Certificate Xerox)	-	200.00 /
Total.		Rs.	<b>10,578.00</b>

*AT* 30/3/21

**CALCULATIONS  
VERIFIED BY**

Signature

Amount paid to the associative organization	:	Rs. NIL	(B)
Total Expenditure (A+B)	:	Rs. 10,578.00	
Amount sponsored by others if any (CSI/ISTE/IETE/IEEE/Students Association etc.)	:	Rs. NIL	(C)
Amount Collected from participants	:	Rs. NIL	(D)
Advance Amount drawn from the Office	:	Rs.15,500.00	(E)
Amount to be returned to the college (A+B) – (C+D+E) / (C+D+E) – (A+B)	:	Rs. 4,922.00	

Feedback Taken : Yes

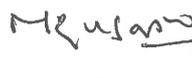
Remarks of the Organizer/ Coordinator : This program was useful and helpful for them in their research work and guiding the projects to the students.

Signature : 

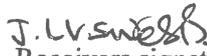
Remarks of the HoD Requested expenditure may be approved

Signature 

Remarks of the Vice Principal Academics Maybe approved

Signature   
36/03/201

I Dr. Narasimha Suri Tinnaluri Coordinator of the program has returned the balance amount of Rs. 4,922/- (Four thousand nine hundred twenty two rupees only) from the Principal's office.

J. L. S.   
Receivers signature

  
Principal

Enclosed: Proposal submitted





# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, GUDLAVALLERU – 521 356, Andhra Pradesh.

## DEPARTMENT OF MECHANICAL ENGINEERING

*Three Day Online Faculty Development Programme*

### RECENT TRENDS IN ELECTRIC VEHICLES – PHASE 1

#### PARTICIPATION CERTIFICATE

This is to certify that ...**Sri: A. RATESH**..., **ASSISTANT PROFESSOR**.....of  
**Gudlavalleru Engineering College, Gudlavalleru** has participated in Three  
Day Online Faculty Development Programme on “**Recent Trends in Electric  
Vehicles – Phase 1**” organized by Department of Mechanical Engineering,  
Gudlavalleru Engineering College, Seshadri Rao Knowledge Village,  
Gudlavalleru during 17<sup>th</sup> – 19<sup>th</sup> March, 2021.

Dr. T. NARASIMHA SURI  
Co-ordinator

Dr. A. JAWAHAR BABU  
Convener & HOD

Dr. G.V.S.N.R.V. PRASAD  
Principal



# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, GUDLAVALLERU – 521 356, Andhra Pradesh.

## DEPARTMENT OF MECHANICAL ENGINEERING

*Three Day Online Faculty Development Programme*

### RECENT TRENDS IN ELECTRIC VEHICLES – PHASE 1

#### PARTICIPATION CERTIFICATE

This is to certify that Sri. N. PREM DASU, ASSISTANT PROFESSOR of Gudlavalleru Engineering College, Gudlavalleru has participated in Three Day Online Faculty Development Programme on “Recent Trends in Electric Vehicles – Phase 1” organized by Department of Mechanical Engineering, Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru during 17<sup>th</sup> – 19<sup>th</sup> March, 2021.

Dr. T. NARASIMHA SURI  
Co-ordinator

Dr. A. JAWAHAR BABU  
Convener & HOD

Dr. G.V.S.N.R.V. PRASAD  
Principal



# GUDLAVALLERU ENGINEERING COLLEGE

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Seshadri Rao Knowledge Village, GUDLAVALLERU – 521 356, Andhra Pradesh.

## DEPARTMENT OF MECHANICAL ENGINEERING

*Three Day Online Faculty Development Programme*

### RECENT TRENDS IN ELECTRIC VEHICLES – PHASE 1

#### PARTICIPATION CERTIFICATE

This is to certify that Sri. S. B. KARIMULLA REDDY, ASSISTANT PROFESSOR of **Gudlavalleru Engineering College, Gudlavalleru** has participated in Three Day Online Faculty Development Programme on “**Recent Trends in Electric Vehicles – Phase 1**” organized by Department of Mechanical Engineering, Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru during 17<sup>th</sup> – 19<sup>th</sup> March, 2021.

Dr. T. NARASIMHA SURI  
Co-ordinator

Dr. A. JAWAHAR BABU  
Convener & HOD

Dr. G.V.S.N.R.V. PRASAD  
Principal

**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
**Seshadri Rao Knowledge Village, Gudlavalleru.**

*Department of Mechanical Engineering*

**Title of the Program** : One Week Online Faculty Development Program on  
“Research Trends in Mechanical Engineering”

**Sponsored by** : Gudlavalleru Engineering College, Gudlavalleru

**Date of Program** : 15<sup>th</sup> – 20<sup>th</sup> June, 2020

**Program Coordinator (s)** :

1. Sri D. Kiran Prasad, Associate Professor
2. Sri D. Tarun, Assistant Professor

**Resource Persons** :

1. Dr. P. Bangaru Babu, Professor, NIT Warangal
2. Dr. P. Vamsi Krishna, Associate Professor, NIT Warangal
3. Dr. T. Srinivas, Associate Professor, NIT Jalandhar
4. Dr. M. Ravi Shankar, Associate Professor, IIT Tirupati
5. Dr. D. Jaya Krishna, Associate Professor, NIT Warangal
6. Sri P. V. S. Mohan Sharma, Senior Manager, Mahindra & Mahindra Limited,  
Chengalpattu, Chennai

**No. of Participants** : 253

**About the Program** :

In this program, lectures delivered by various Professors from NITs and IITs, Industry professionals gave an insight into the possible research areas in mechanical engineering as well as interdisciplinary areas. The research areas highlighted are developing of light weight but high strength materials used as bio-implants, improvement of surface finish and tool life by using hybrid nano-cutting fluids in various machining processes, improving the efficiency of renewable energy storage devices by improving the design of solar tracking mechanisms, methodologies to improve the thermal efficiency of power plants, usage of augmented virtual reality in today' life, experimental methods to be adopted in the selection and application of phase change materials, electric vehicles etc.,

  
Coordinator

  
H.M.E

  
Principal

### About GEC

AANM & VVRSR Educational Society, Gudlavalluru promoted "Gudlavalluru Engineering College" in 1998. The college is situated in Gudlavalluru, surrounded by lush green fields, providing serene atmosphere to learners. The college offers B.Tech. programmes in six branches of Engineering, viz, Civil, Electrical & Electronics, Mechanical, Electronics & Communication, Computer Science and Information Technology. It also offers PG programmes in Engineering (M.Tech.) and Management (MBA). The college is permanently affiliated to JNTUK, Kakinada and obtained Autonomous status from U.G.C. in 2014. Four of the UG programmes got accreditation status under Tier-I. The college is accredited by NAAC, New Delhi with "A" Grade.

### About the Department

The Department of Mechanical Engineering was established in 1998 and is offering B.Tech course in Mechanical Engineering and M.Tech in Machine Design. The department has qualified and experienced staff and well equipped laboratories with the state-of-the-art facilities. The UG B.Tech programme of the department got accredited for three years in 2008. Later, the programme was reaccredited in 2012, 2016 and recently in 2019, the programme got accreditation status under Tier- I. Students of the department have added value to the department by getting placed in reputed core and software companies and by excelling in competitive examinations.

### About the FDP

The field of Mechanical engineering is more diversified in day to day engineering applications. The recent research in this field is evident for multidimensional and interdisciplinary. The current aim of this FDP is to provide a platform to discuss and address the recent trends and Research issues in the field of Mechanical Engineering. The major hurdle for a researcher is finding suitable problem for his research which always takes lot of time to formulate an exact area of research and problem. This FDP is planned for such research aspirants to find their problem suitably at the choice of their interest.

### Chief Patrons

**Dr. Nageswara Rao Vallurupalli, Chairman**  
**Sri Srinivasa Rao Musunuri, Co-Chairman**  
**Er. Satyanarayana Rao Vallurupalli, Secretary & Correspondent**  
**Sri Ramakrishana Vallurupalli, Co-Secretary & Correspondent**

### Patron

**Dr. P.Ravindra Babu, Principal**

### Co-Patrons

**Dr. G.V.S.N.R.V. Prasad, Vice Principal, Academics**  
**Dr. B. Karuna Kumar, Vice Principal, Administration**

### Advisor

**Dr.P.Nageswara Reddy, Director (AS&A)**

### Convener

**Dr.M.R.Ch.Sastrv, Professor & HoD, ME**

### Coordinators

**Sri D.Kiran Prasad, Assoc. Prof. (Contact No: 9951074958)**  
**Sri D.Tarun, Asst. Prof. (Contact No: 9493608470)**

### Important Dates

**Last Date for Registration : 12-06-2020**  
**Confirmation through E-Mail : 13-06-2020**  
**Dates of Programme : 15<sup>th</sup> -20<sup>th</sup> June 2020**  
**(10.30 AM to 12.30 PM)**

### Resource Persons:

- **Dr. P. Bangaru Babu**, NIT Warangal
- **Dr. P.Vamsi Krishna**, NIT Warangal
- **Dr. T Srinivas**, NIT Jalandhar
- **Dr. M.Ravi Shankar**, IIT Tirupati
- **Dr. D. Jaya Krishna**, NIT Warangal
- **Mr. P.V.S.K.Mohan Sharma**, Mahindra & Mahindra Ltd., Chennai

### Registration link:

**<https://forms.gle/PjRDSUegrD2zJRSY8>**

### Certificate :

**E-certificate will be given to the registered participants who attend all the sessions.**

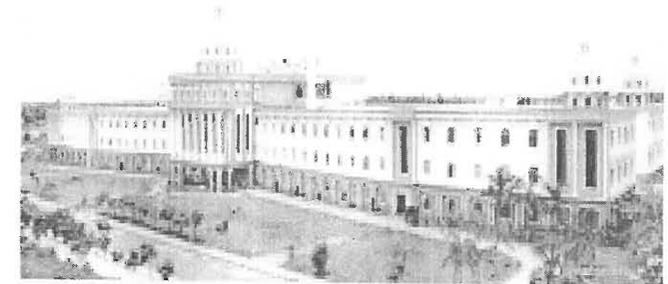
**No Registration Fee**

**The number of participants are limited to 250**



## One Week Online Faculty Development Programme on RESEARCH TRENDS IN MECHANICAL ENGINEERING

15<sup>th</sup> - 20<sup>th</sup> June 2020



Organized by

**Department of Mechanical Engineering**  
**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with permanent affiliation to JNTUK, Kakinada)

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# Gudlavalleru Engineering College

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, GUDLAVALLERU

## Department of Mechanical Engineering

One Week Online Faculty Development Programme on

### RESEARCH TRENDS IN MECHANICAL ENGINEERING

15<sup>th</sup> - 20<sup>th</sup> June 2020

#### PROGRAMME SCHEDULE

DATE	10.30 AM - 12.30 PM	
15 <sup>th</sup> June, 2020	Inauguration	'Biodegradable Polymer Nano Composites for Human Internal Fixations' by Dr.M.Ravi Shankar, IIT Tirupati
16 <sup>th</sup> June, 2020		'Hybrid Nano Cutting Fluids in Machining' by Dr. P.Vamsi Krishna, NIT Warangal
17 <sup>th</sup> June, 2020		'Research Potentials in Mechanical Engineering : Thermal Applications' by Dr.T Srinivas, NIT Jalandhar
18 <sup>th</sup> June, 2020		Mechanical Engineering: Future Predictions by Extrapolating the Past History by Dr. P. Bangaru Babu , NIT Warangal
19 <sup>th</sup> June, 2020		'Phase Change Materials: Applications, Classification and Selection Criteria' by Dr. D. Jaya Krishna, NIT Warangal
20 <sup>th</sup> June, 2020	Mr. PVS Mohan Sharma , Mahindra & Mahindra Ltd , Chengalpattu	Valedictory

# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
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## Department of Mechanical Engineering

One Week Online Faculty Development Programme on

## RESEARCH TRENDS IN MECHANICAL ENGINEERING

15<sup>th</sup> - 20<sup>th</sup> June 2020

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**GUDLAVALLERU ENGINEERING COLLEGE**  
Seshadri Rao Knowledge Village, GUDLAVALLERU  
Proposal to Organize FDP/SDP

Date: 05.06.2020

From  
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GUDLAVALLERU - 521 356.

To  
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Letter No: GEC/ME/FDP/SDP/2019-2020/1

Program : FDP / SDP  
Event : One Week Online FDP.  
Name of the Event : "Research Trends in Mechanical Engineering"  
No. of Days : One Week  
Duration (Dates) : 15<sup>th</sup> - 20<sup>th</sup> June, 2020  
Targeted Audience : Student/Faculty/Technical Supporting Staff  
If Students  
Year : I / II/ III/ IV B.Tech / M.Tech

Expected No. of Participants :

External	Internal
250	33

Co-ordinator(s) : Two Members  
Name : Sri D. Kiran Prasad and Sri D. Tarun  
Designation : Assoc. Prof. and Asst. Prof. of ME  
Mobile No : 9951074958, 9493608470

Associative Organization if any :

Resource person(s) :

Sl. No	Name	Designation	Organization
1	Dr. P. Bangaru Babu	Professor	NIT, Warangal
2	Dr. K. Siva Prasad	Professor	NIT, Trichy
3	Dr. T. Srinivas	Professor	NIT, Jalandhar
4	Dr. M. Ravi Shankar	Professor	IIT, Tirupati
5	Dr. D. Jaya Krishna	Professor	NIT, Warangal
6	Mr. P.V.S. Krishna Mohan Sharma	Senior Manager	Mahindra & Mahindra Ltd., Chennai

Brief profile of resource person(s) (if available enclose.)

Objective(S) of the program : To provide a platform to discuss and address the recent trends and research issues in the field of Mechanical Engineering

Expected outcome : Research aspirants to find their problem suitably at the choice their interest.

Approximate Expected Expenditure Statement

S.No.	Expenditure Head	Rs.
a	Honorarium per person/ day/ hour [6 Members @ Rs. 5,000/- per day (2hrs.)].	30,000.00
b	Hospitality for Resource persons	-
c	TA	-
d	Banners	-
e	Certificates	-
f	Lunch / Dinner for Participants	-
g	Snacks for Participants	-
h	Scribbling pad and pen etc	-
i	Guest Memento	-
j	Miscellaneous if any	-
	<b>Total</b>	<b>Rs. 30,000.00</b>

Amount to be Collected from participants : Nil  
No \_\_\_\_\_ @ Rs. \_\_\_\_\_ / participant

Amount sponsored by others if any (CSI/ISTE/IETE/IEEE/Students Association/etc.)

Rs. --

Rs. --

Budget Sanctioned

by the college under FDP/SDP

Budget Spent FDP/SDP (till today)

Rs 1,50,000.00

Rs \_\_\_\_\_

Balance amount available

Rs \_\_\_\_\_

Amount requested from the college to meet the expenditure : Rs. \_\_\_\_\_  
A-(B+C)

Advance amount Requested to meet the initial expenditure : Rs. \_\_\_\_\_

Kit/ Any other Material given by the Associative Organization : Yes/No

If yes type of supporting material : \_\_\_\_\_

Approximate cost of material / Kit

which is included in the cost collected from the participants :Rs. \_\_\_\_\_

Recommendations of the HoD *useful for participants, doing active research.*

Signature of the HoD *[Signature]*

Recommendations of the Vice Principal - Academics

Signature of the Vice Principal - Academics

Recommendations of the Principal

Principal Signature

*Submitted to the principal for  
consideration and to sanction an  
amount of Rs. 30,000/-*  
*[Signature]*

(A)  
(B)  
(C)

I. D. Kiran Prasad Co-ordinator of the program have received an amount of Rs. 30,000/- (in words thirty thousand only) from principal's office as an advance amount to meet the Initial expenditure.

*D. Kiran Prasad*  
Signature of Co-ordinator

## **Mamilla Ravi Sankar**

Associate Professor,  
Department of Mechanical Engineering,  
Currently at Indian Institute of Technology, Tirupati.  
Office: +91-361-250-3410/8638393843(M), Email: [evmrs@iittp.ac.in](mailto:evmrs@iittp.ac.in)



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Dr. Mamilla Ravi Sankar is currently an Associate Professor in the Department of Mechanical Engineering, IIT Guwahati. He did his B.Tech from Sri Venkateswara University, Tirupati, and M.Tech as well as PhD from IIT Kanpur. His research group focuses on Micro-Nano Manufacturing, Sustainable Manufacturing, Precision 3D Printing, Online Monitoring, Bio-Manufacturing, Coatings, Tribology and Rheology. His lab also involves in development of lab scale Innovations to Commercial Manufacturing Products (Paper to Product Technologies).

He has published over 50 in internationally reputed journals, 80 international conferences, 6 Patents, 2 Edited Books and 10 Book chapters. The knowledge transfer of his patents is already transferred to India's leading research laboratories such as CMTI, Bangalore.

Presently, his lab possesses with various funding from BARC, DST, DRDL, MeitY, BIRAC, SERB, IIT Guwahati, IIT Tirupati of about 30 Million Rupees as Principal investigator and 600 Million Rupees as Co-investigator.

He guided 5 PhD students (Completed) and 8 PhD students are going currently working as well as 20 M.Tech (Completed), 25 B.Tech (Completed). Currently, he is reviewer of over ten technical journals from Elsevier, ACS, Springer, Wiley, Inderscience and Sage (IMEchE) Publishers. He is the Editorial member for IMechE Journal of Micromanufacturing and Guest Editor for International Journal of Precision Technology.

He is recipient of prestigious awards such as Institution of Engineers India (IEI) Young Engineers Award-2015 in Production Engineering, Indian Society for Advancement in Materials and Process Engineering (ISAMPE)-2011 and finalist of Indian National Academy of Engineering (INAE) Young Engineer Award-2014 (Mechanical Engineering). He and his students received 3 best papers awards in national and international conferences (India and abroad). His students got 3 best poster awards in national and international Conferences. Apart from academic awards, he has also received Institute Blues (Outstanding Sports Personality) of IIT Kanpur for the year 2009 for his outstanding Games and Sports achievements.

For further details, please see the below link

<http://www.iitg.ac.in/evmrs/>

<https://iittp.ac.in/dr-mamilla-ravi-sankar>

Thank you

**Mamilla Ravi Sankar**  
**Associate Professor, Department of Mechanical Engineering,**  
**Indian Institute of Technology Tirupati**

## CURRICULUM VITAE

**Name:** Devanuri Jaya Krishna

**Date of Birth:** 1<sup>st</sup> May 1979

### **Correspondence**

Dr. Jaya Krishna Devanuri

Associate Professor

Department of Mechanical Engg.

National Institute of Technology Warangal, Warangal – 506004

Telangana State



**Ph.D.:** Year of completion: 2008

Heat transfer and thermal Power lab / Mechanical Engineering

Indian Institute of Technology Madras, Tamil Nadu, India

### **Positions Held**

<b>Name of the Organisation</b>	<b>Position</b>	<b>From</b>	<b>To</b>
National Institute of Technology Warangal (NIT-Warangal)	Associate Professor	27 <sup>th</sup> March 2018	Till date
National Institute of Technology Warangal (NIT-Warangal)	Assistant Professor	19 <sup>th</sup> December, 2013	26 <sup>th</sup> March 2018
BITS Pilani Hyderabad campus	Assistant Professor	5 <sup>th</sup> May, 2010	16 <sup>th</sup> December, 2013
Texas A&M University	Postdoctoral Research Associate	7 <sup>th</sup> February, 2009	4 <sup>th</sup> May, 2010
General Motors Technical Center, Bangalore, INDIA	Lead CFD Engineer	7 <sup>th</sup> July, 2008	15 <sup>th</sup> December, 2008

### **Research Projects:**

- Title:** Visualization of carbon particle tracking and hydrogen production in a vortex flow solar reactor  
**Funding agency:** Qatar foundation and ITS Research Computing group  
**Amount:** 4000 USD  
**Period/Status:** 5 months (2010) / Completed
- Title:** Investigation of Corrosion on Metals with Phase Change Materials for a 30–100 °C temperature range Solar Thermal Heat Storage Applications  
**Funding agency:** MHRD/ NITW  
**Amount:** 6.5 lakhs (INR)  
**Period/Status:** 2 years (2013-2015) / Completed
- Title:** Design and Development of an Efficient and Cost Effective Solar Water Latent Heat Storage System (SB/FTP/ETA-0130/2014)  
**Funding agency:** DST-SERB Start-Up Research Grant (Young Scientists)  
**Amount:** 29.81 lakhs (INR)  
**Period/Status:** 3 years (2015-2018) / Completed

**4. Title:** Thermal Management of Continuous and Pulse Heating Based Electronic Components by Using A Heat Sink Impregnated with A Phase Change Material (DR2019004)

**Funding agency:** IEI R&D

**Amount:** 30,000 (INR)

**Period/Status:** 2 years (2018-2019) / Ongoing

**Patents:**

1. **Title :** A Novel Bi-Axial Solar Tracker Using One Motor-4124/CHE/2015

**Status:** Amendment stage

**Research Publications**

Journals	International	36
	National	NIL
Conferences	International	30
	National	08

**Books/Chapters Authored:** 2

**Research Interests**

- ✍ CFD (Computational Fluid Dynamics)
- ✍ Heat transfer
- ✍ Thermal Energy Storage
- ✍ Utilization of Solar energy
- ✍ Phase Change Materials

**Achievements**

- Secured 1<sup>st</sup> prize in Visualization Development Competition 2010 (VDC10) held at Texas A&M University at Qatar
- Secured 3<sup>rd</sup> prize in poster competition held at Texas A&M University (TAMU), College Station, Texas, USA, 21st -24th October, 2007

**PhD guidance:** 1 (Completed) 1 (submitted) 5 (ongoing)

**MTech thesis guidance:** 15 (completed) 2 (ongoing)

**BTech thesis guidance:** 14 (completed) 2 (ongoing)

**Guest lectures delivered:** 15

**Reviewer:**

Applied thermal Engineering - Elsevier

IEI series C-Springer

Journal of solar energy engg-ASME

Thermal Science and Engineering Progress- Elsevier

Periodica Polytechnica Mechanical Engineering

Heat Mass transfer -Springer

## Curriculum Vitae

**Dr P VAMSI KRISHNA**  
Associate Professor  
Department of Mechanical Engineering  
NIT Warangal  
WARANGAL-506004.  
E-mail: vamsikrishna@nitw.ac.in  
Mobile: +91 9440843609



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**Date of birth:** 16<sup>th</sup> February 1978

**Work Experience:** 17 years

- Working as Associate Professor in NIT Warangal from April 2018 to till date.
- Worked as Assistant Professor in NIT Warangal from February 2014 to March 2018.
- Worked as Associate Professor in GITAM University from December 2008 to January 2014.
- Worked as Assistant Professor in GITAM University from July 2005 to December 2008.
- Worked as Assistant Professor in GMR Institute of Technology, Rajam, from December 2003 to July 2005.
- Worked as Teaching Assistant in S V University College of Engineering, Tirupati, from January 2003 to December 2003.
- Worked as Lecturer in MRR Institute of Technology, Udayagiri, from August 2002 to December 2002.

**Education Details:**

- PhD (Manufacturing) from Andhra University. (2009)
- Master of Technology (Production Engineering) from S V University. (2003)
- Bachelor of Technology (Mechanical Engineering) from S V University. (2000)

**Area of research work:**

- Application of solid lubricants in machining process.
- Application of eco-friendly nano cutting fluids in machining.
- Vibration Assisted Machining.
- Modeling and Simulation of Manufacturing Processes.
- Composite Materials

**Sponsored Research Projects:**

1. Title: Development of eco-friendly nano cutting fluids for machining.  
Funding agency and scheme: SERB -fast track young scientist scheme  
Sanctioned Budget: 20.93 Lakhs                      Period: 2013 - 2017  
Role: PI
2. Title: Design and Implementation of Vibration Assisted Turning Process.  
Funding agency and scheme: NITW- RSM scheme.  
Sanctioned Budget: 5 Lakhs                              Period: 2014 - 2015  
Role: PI
3. Title: Vibration Assisted Turning for Improving Fatigue Life of Ti6Al4V Aerospace Components  
Funding agency and scheme: DST- AMT, level-1  
Proposed Budget: 28.6 Lakhs                              Period: 2018 - 2020 (Ongoing)  
Role: PI
4. Title: National Centre for Development of Advanced Materials and Manufacturing Processes for Clean Coal Technologies for Power Applications  
Funding agency and scheme: DST - through ARCI  
Proposed Budget: 90.812 Lakhs                              Period: 2018 - 2021 (Ongoing)  
Role: Co-PI

**Patent:**

Title: DRILL TOOL ASSEMBLY    Application No: 6023/CHE/2013  
Application date: 23/12/2013      Publication date: 26/06/2015      Publication No: 26/2015  
Field of Invention: (FI10) Mechanical Engineering    Classification (IPC): A47L

**Ph.D Guidance:**      Awarded-3,      Ongoing-4

1. R. Padmini (July 2016)-Performance assessment of vegetable oil based nano Cutting fluids in turning AISI 1040 steel.
2. A. Prasad Reddy (November 2019)- Mechanical and Tribological Properties of AA6061-2SiCp-xGr Hybrid Nanocomposites Fabricated Through Ultrasonically Assisted Stir Casting Method.
3. G. Srinu (December 2019)- Performance evaluation of vegetable oil based hybrid nano cutting fluids in turning of AISI 1040 steel.

### **Text Books:**

1. Co-author for "Production Technology" Text book along with Dr K L Narayana and S V Ramana, I K Books International, 2006.
2. **Nano Cutting Fluids** Book chapter in "Metal working fluids" by Jerry P. Byers, third Edition, CRC Press London, 2017.

### **Memberships in Professional bodies:**

1. Life member of ISTE.
2. Life member of ISME

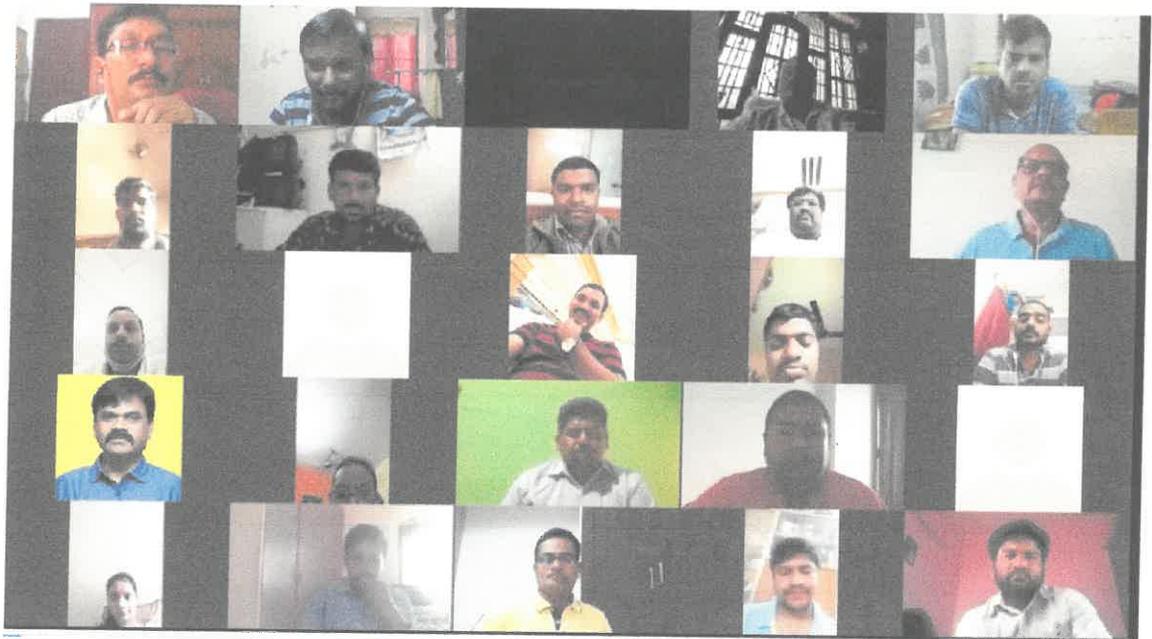
### **Editorial board member:**

1. Editorial board member for the American Journal of Mechanical Engineering (AJME).
2. Editorial board member for Nanoscience and Nanotechnology Research (NNR).
3. Editorial board member for American Journal of Nanomaterials (AJN).
4. Editorial board member for Journal of Manufacturing Science and Technology, Horizon Research Publishing Corporation.
5. Editorial board member for Mechanical Engineering Open Access Open Journal (MEOAOJ), S Open Access Open Journals Publishing (SOAOJ)
6. Editorial board member for Journal of Production Research & Management (JOPRM), STM Journals.
7. Editorial board member for Journal of Control & Instrumentation (JoCI), STM Journals.

### **Journal Papers:**

#### **SCI/Scopus Indexed: 51**

1. A N Jinoop, C P Paul, J Denny, S K Nayak, **P Vamsi Krishna**, K S Bindra, *Laser Additive Manufacturing of Hastelloy-X Thin Walls using Directed Energy Deposition: Parametric Investigation and Multi-Objective Analysis*, **Lasers in Engineering**, 46(1-4), 2020, 15-34. **Scopus. (IF: 0.383)**
2. Srinu Gugulothu, **Vamsi Krishna Pasam**, *Experimental investigation to study the performance of CNT/MoS<sub>2</sub> Hybrid nanofluid in Turning of AISI1040 steel*, **Australian Journal of Mechanical Engineering**, 2020, **Scopus. (IF: 0.96)** (Available online).
3. Srinu Gugulothu and **P Vamsi Krishna**, *Testing and Performance Evaluation of Vegetable Oil Based Hybrid Nano cutting fluids*, **Journal of Testing and Evaluation**, 48(5), 2020, -----



**GUDLAVALLERU ENGINEERING COLLEGE**  
Seshadri Rao Knowledge Village, GUDLAVALLERU

Dt: 07-07-2020

From  
The HoD  
Department of Mechanical Engineering  
Gudlavalleru Engineering College,  
Seshadri Rao Knowledge Village,  
GUDLAVALLERU - 521 356.

To  
The Principal  
Gudlavalleru Engineering College,  
Seshadri Rao Knowledge Village,  
GUDLAVALLERU - 521 356.

**UTILIZATION CERTIFICATE**

Ref Letter No : GEC/ME/FDP/2019-2020/1  
Dated : 05-06-2020  
Name of the event : One Week Online FDP on "Research Trends in Mechanical Engineering"  
No. of Days : 06  
Duration : 15<sup>th</sup> - 20<sup>th</sup> June, 2020

No. of Participants participated : Internal - 33 External - 220

**Actual Expenditure:**

S. No	Description	Requested (As per Request letter)	Spent(Actual expenditure)
a	Honorarium per person/ day	30,000 .00	30,000.00
	Dr. P. Bangaru Babu - 5,000/-		
	Dr. P.Vamsi Krishna - 5,000/-		
	Dr. T. Srinivas - 5,000/-		
	Dr. M. Ravi Shankar - 5,000/-		
	Sri P.V.S. Krishna Mohan Sharma - 5,000/-		
b	Hospitality for Resource persons	-	-
c	TA	-	-
d	Banners	-	-
e	Certificates	-	-
f	Lunch / Dinner for Participants	-	-
g	Snacks for Participants	-	-
h	Scribling pad and pen etc	-	-
i	Guest Memento	-	-
j	Miscellaneous (Zoom Platform Pro version purchase amount )	-	2,556.00
Total.		Rs.	<b>32,556.00</b>

Amount paid to the associative organization : Rs. NIL (B)

Total Expenditure (A+B) : Rs. 32,556.00

Amount sponsored by others if any (CSI/ISTE/IETE/IEEE/Students Association etc.) : Rs. NIL (C)

Amount Collected from participants : Rs. NIL (D)

Advance Amount drawn from the Office : Rs.30,000.00 (E)

Amount due from the college/ to be returned to the college (A+B) – (C+D+E) / (C+D+E) – (A+B) : Rs. 2,556.00

Feedback Taken :  Yes/No

Remarks of the Organizer/ Coordinator : Latest Trends in mechanical engg research were addressed by the

Signature : resome persons. Dkepkd 7/7/20

Remarks of the HoD : Useful for ~~of~~ faculty in <sup>finding</sup> their research problem

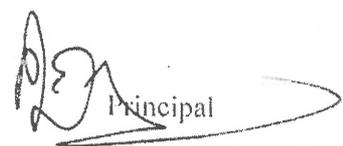
Signature : Meusaw  
07/07/2020.

Remarks of the Vice Principal Academics : Submitted to the principal for Considerat

Signature : 

I D Kivan Prasad Coordinator of the program has ~~returned~~ received the balance amount of Rs. 2,556/- (in words Two thousand five hundred fifty six) from the Principal's office.

Dkepkd  
Receivers signature

  
Principal

Enclosed: Proposal submitted

***Hearty Welcome to***

**One Week Online Faculty Development Programme on**

**RESEARCH TRENDS IN MECHANICAL ENGINEERING**

**15<sup>th</sup> - 20<sup>th</sup> June 2020**

***organized by***

***Department of Mechanical Engineering***

**Gudlalleru Engineering College**

**(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)**

**Seshadri Rao Knowledge Village, GUDLAVALLERU**



GEC,Gudlavalleru\_Online FDP\_Participation Certificate

Dear Professor,

Thank you very much for participating in Online FDP on 'Research Trends in Mechanical Engineering organized' by Department of Mechanical Engineering , Gudlavalleru Engineering College, Gudlavalleru.

The participation certificate is attached with this email.

Once there are no issues, i request you to exit the whatsapp group of this FDP

For any other information, please reply to this email with your name,organization and contact no.

Recorded videos will be made available in youtube only during the first week of June. Please search our department channel using the key word 'me gec gdvl' in youtube then download.

STAY SAFE and TAKE NECESSARY COVID PRECAUTIONS.

D.KIRAN PRASAD,

Coordinator



# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, GUDLAVALLERU – 521 356, Andhra Pradesh

## DEPARTMENT OF MECHANICAL ENGINEERING

*One Week Online Faculty Development Programme on*

### RESEARCH TRENDS IN MECHANICAL ENGINEERING

15<sup>th</sup> – 20<sup>th</sup> June, 2020

#### PARTICIPATION CERTIFICATE

This is to certify that

**Mr. A RAJESH**

of

**GUDLAVALLERU ENGINEERING COLLEGE**

has participated in One Week Online Faculty Development Programme on “**Research Trends in Mechanical Engineering**” organized by Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru during 15<sup>th</sup> – 20<sup>th</sup> June, 2020.

**D. KIRAN PRASAD**  
Co-ordinator

**Dr. M.R.Ch. SASTRY**  
Head of Department

**Dr. P. RAVINDRA BABU**  
Principal



# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, GUDLAVALLERU – 521 356, Andhra Pradesh

## DEPARTMENT OF MECHANICAL ENGINEERING

*One Week Online Faculty Development Programme on*

### RESEARCH TRENDS IN MECHANICAL ENGINEERING

15<sup>th</sup> – 20<sup>th</sup> June, 2020

#### PARTICIPATION CERTIFICATE

This is to certify that

**Mr. B V S RAGHU VAMSI**

of

**GUDLAVALLERU ENGINEERING COLLEGE**

has participated in One Week Online Faculty Development Programme on “**Research Trends in Mechanical Engineering**” organized by Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru during 15<sup>th</sup> – 20<sup>th</sup> June, 2020.

*D. Kiran Prasad*

**D. KIRAN PRASAD**  
Co-ordinator

*Dr. M.R.Ch. Sastry*

**Dr. M.R.Ch. SASTRY**  
Head of Department

*Dr. P. Ravindra Babu*

**Dr. P. RAVINDRA BABU**  
Principal



# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, GUDLAVALLERU – 521 356, Andhra Pradesh

## DEPARTMENT OF MECHANICAL ENGINEERING

*One Week Online Faculty Development Programme on*

### RESEARCH TRENDS IN MECHANICAL ENGINEERING

15<sup>th</sup> – 20<sup>th</sup> June, 2020

#### PARTICIPATION CERTIFICATE

This is to certify that

**Mr. D.MOJESWARA RAO**

of

**GUDLAVALLERU ENGINEERING COLLEGE**

has participated in One Week Online Faculty Development Programme on “**Research Trends in Mechanical Engineering**” organized by Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru during 15<sup>th</sup> – 20<sup>th</sup> June, 2020.

**D. KIRAN PRASAD**  
Co-ordinator

**Dr. M.R.Ch. SASTRY**  
Head of Department

**Dr. P. RAVINDRA BABU**  
Principal

### About the College:

Gudlavalleru Engineering College was established in the year 1998 and is promoted by AANM & VVRSR Educational Society. This college is located in amidst green surroundings at the outskirts of Gudlavalleru village, a mandal head quarters in Krishna District of Andhra Pradesh. All eligible B. Tech programs of EEE, ME, ECE and IT have been accredited by NBA under TIER –I for a period of three academic years from 2019-20 to 2021-22. All eligible B. Tech. programs were earlier accredited thrice by NBA. The other programs are in the process of reaccreditation.

The College is accredited by NAAC with "A" grade and obtained the status of permanent affiliation to JNT University Kakinada and was granted autonomous status by UGC since 2014.

Along with 8 UG programs, the college is also offering M. Tech. Programs in ECE, EEE, CSE, ME and Civil Engineering and a PG Programme in Business Administration (MBA).

### About the Department:

The department is offering B. Tech Programme in Electronics and Communication Engineering (1998), M. Tech in VLSI Design and Embedded Systems (2019) and B. Tech–IoT from the Academic Year 2020-21. B. Tech (ECE) is Tier - I accredited by NBA for three years w.e.f. 2019-2020. This department is a recognized research center by JNT University Kakinada.

The department has well qualified staff specialized in Microelectronics, Instrumentation and Control, Digital Systems & Computer Electronics, Digital Communication and Networks, Systems & Signal Processing, Microwave Engineering, VLSI Design. Department Labs are equipped with specialized equipment like spectrum analyzer, Digital Storage Oscilloscope. Universal Programmer. Curve Tracer.

DSP, VLSI & Embedded System Development Kits supported by software like CCS (Code Composer Studio) for DSP, MATLAB, Aldec VHDL, Xilinx vivado FPGA Express, Altera Quartus-II, HFSS, Mentor Graphics (Front End, Back End Tools), Xilinx 14.1i (Project Navigator), Modelsim, Multisim, Ride, LabVIEW, TI based embedded systems Robots and IoT etc.

### About the Induction Programme:

- ❖ The Resource persons are from institutes of national importance and various reputed industrial and defense organizations.
- ❖ After attending this AICTE-ISTE induction programme, participants will be able to acquire the knowledge of millimetric wave technology and its challenges to be taken up with innovative research methodologies.

### Objectives:

- ❖ This Induction Programme is aimed at Faculty of AICTE approved engineering colleges working in the field of RF Communications.
- ❖ To extend their knowledge of individuals and research activities in near future using the experience of eminent persons from IITs, NITs, IIITs and industry persons working in the relevant field.

**Resource persons are from IIT, IIIT, NIT and other reputed premier institutes. (Sessions include practical sessions using HFSS and CST)**

1. Dr. N. V. S. N. Sarma, Director, IIIT Tiruchirapalli
2. Dr. Mrinal Kanti Mandal, IIT Kharagpur
3. Dr. L. Anjaneyulu, NIT Warangal
4. Dr. B. T. P. Madhav, KL Deemed to be University
5. Dr. Y. Usha Devi, KL Deemed to be University
6. Dr. Sulakshana Chilukuri,  
Vardhaman College of Engineering



## One Week AICTE-ISTE sponsored Online Induction Programme

on

**"Millimeter Wave Frequencies"**  
**16 - 22 March 2021**  
**(PHASE II)**

### GUIDE LINES:

- No registration FEE.
- **80% attendance and 60% marks in the exam conducted at the end of the programme is mandatory to issue e-certificate.**
- Registration must be done using Google form.
- <https://forms.gle/BCnyUz6iLa4gqbw5>
- e-participation certificate will be provided through your e-mail only, after given overall feedback and fulfilling other requirements.
- **Participants have to attend an exam at the end of the 6 day programme. (As per the instructions of AICTE/ISTE)**

### Dates to Remember:

- **Last date for Registration: 14 March 2021.**
- **AICTE-STTP programme : 16 - 22 March 2021 (Everyday two sessions)**

### Eligibility:

Faculty members of AICTE approved Engineering Colleges (ECE department).

**Chief Patron:**

AANM & VVRSR Educational Society

**Patron:**

Dr. G. V. S. N. R. V. Prasad, Principal

**Co-Patrons:**

Dr. P. Kodanda Rama Rao,

Vice Principal- Administration

Dr. M. R. Ch. Sastry, Vice Principal-Academics

**Advisors:**

Dr. P. Ravindra Babu, Advisor to the Management

Dr. P. Nageswara Reddy, Director - PG studies,  
Consultancy & Testing and R&D

Dr. B. Karuna Kumar, Director – Academics  
Strengthening and Advancement (AS&A)

**Coordinator:**

Dr. Y. Ramakrishna, Professor & HoD, ECE

**Advisory Committee:**

Dr. M. Kamaraju, Professor & Mentor (AS&A), ECE

Dr. V. V. K. D. V. Prasad, Professor & ACoE, ECE

Dr. K. N. Prakash, Professor, ECE

Dr. R. S. Rao, Professor, ECE

Dr. D. Ravi Krishna Reddy, Professor, ECE

Dr. Ch. Balaswamy, Professor, ECE

Mr. V. Vittal Reddy, Assoc. Prof., ECE

Mrs. T. Venkata Lakshmi, Assoc. Prof., ECE

Mr. T. S. R. Krishna Prasad, Assoc. Prof., ECE

Mr. A. Mallaiah, Assoc. Prof., ECE

Dr. Y. Syamala, Assoc. Prof., ECE

Dr. B. Raja Sekhar, Assoc. Prof., ECE

Mr. Y. Sri Chakrapani, Assoc. Prof., ECE

Dr. D. Prabhakar, Assoc. Prof., ECE

Dr. S. Ravi, Assoc. Prof., ECE

Dr. T. Ananda Babu, Asst.Prof., ECE

**Address for Correspondence:**

Coordinator

AICTE-ISTE INDUCTION PROGRAMME,

Department of ECE

Gudlavalleru Engineering College, Gudlavalleru.

**Further Details Contact:**

**Coordinator**

Dr. Y. Ramakrishna, Professor & HoD, ECE

Phone: (+91) 9885371552

**Email:** [gec.aicte.iste.fdp@gmail.com](mailto:gec.aicte.iste.fdp@gmail.com)

**Registration link:**

<https://forms.gle/BCnyUz6iLa4ggwbw5>

**Dates:** 16 - 22 March 2021 (**Everyday two sessions**)

**Timings:** Session - 1: 10:00 AM to 12:00 Noon

Session - 2: 2:00 PM to 4:00 PM



GUDLAVALLERU ENGINEERING COLLEGE



**One Week AICTE-ISTE  
sponsored  
Online Induction  
Programme**

**on**

**"Millimeter Wave Frequencies"**

**16 - 22 March 2021**

**(PHASE II)**

**Organized by**

**Department**

**of**

**Electronics & Communication  
Engineering**

**Gudlavalleru Engineering College**

**(Autonomous)**

**(Sponsored by AANM & VVRSR Educational Society)**

**SESHADRI RAO KNOWLEDGE VILLAGE**

**Gudlavalleru, Krishna District**

**Andhra Pradesh-521356**

**(Affiliated to JNTUK, KAKINADA)**

**Phone: 08674 - 273737, 273888, Fax: 08674 -273957**

**Website: [www.gecgudlavalleru.ac.in](http://www.gecgudlavalleru.ac.in)**



**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village::Gudlavalleru



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Cordially invites you to the inauguration of

**AICTE & ISTE Sponsored**  
One Week Online *Induction Programme*

*on*

*"Millimeter Wave Frequencies"*

*(Phase - II)*

16 – 22 March 2021

At 9.30 am on 16.03.2021 through Zoom Meeting

by

**Chief Guest**



**Dr. N. V. S. N. SARMA**  
Director, IIIT Tiruchirapalli



**Dr. G. V. S. N. R. V. Prasad**  
Principal, Gudlavalleru Engineering College

**Kindly grace the occasion with your valuable presence**

With regards

Coordinator

Dr.. Y. Ramakrishna

Professor & Head



**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadrirao Knowledge Village::Gudlavalleru



*One Week AICTE-ISTE sponsored Online Induction Programme*

on

*"Millimeter Wave Frequencies" Phase - II*

**16 – 22 March, 2021**

**SCHEDULE**

<b>Date / Week Day</b>	<b>Forenoon (10.00 AM to 12.00 Noon)</b>	<b>Afternoon (02.00 PM to 04.00 PM)</b>	<b>Evening (4.15 PM to 6.00 PM)</b>
16.03.2021 Tuesday	<b>Prof. NVSN Sarma, Director, IIT Tiruchirapalli</b> Innovative applications of Millimeter waves : Communications and beyond	<b>Dr. Mrinal Kanti Mandal, IIT Kgp</b> PCB and on-chip antennas at Millimeter wave frequencies.	<b>Hands on Session HFSS Software Internal Resources</b>
17.03.2021 Wednesday	<b>Dr. Sulakshana Chilukuri</b> Associate Professor, Vardhaman College of Engg. Reconfigurable Antenna Design using HFSS	<b>Dr. Sulakshana Chilukuri</b> Associate Professor, Vardhaman College of Engg. Reconfigurable Antenna Design using HFSS	<b>Hands on Session HFSS Software Internal Resources</b>
18.03.2021 Thursday	<b>Swami Bodhamayanada, Director, VIHE, Hyderabad</b> Stress Management	<b>Dr. Mrinal Kanti Mandal, IIT Kgp</b> Guiding structures at mm wave frequencies	<b>Hands on Session HFSS Software Internal Resources</b>
19.03.2021 Friday	<b>Dr. B. T. P. Madhav</b> Professor, K L University Advanced Antennas for Vehicular and Medical Communication Applications	<b>Dr. Yalavarthy Usha Devi</b> Professor, K L University Advanced Antenna Design Using HFSS	<b>Hands on Session HFSS Software Internal Resources</b>
20.03.2021 Saturday	<b>Prof. L. Anjaneyulu, NITW</b> mmWave Applications in Medical Diagnosis	<b>Prof. L. Anjaneyulu, NITW</b> mmWave Communications and Satellite Applications	<b>Hands on Session HFSS Software Internal Resources</b>
22.03.2021 Monday	<b>Dr. Sulakshana Chilukuri</b> Associate Professor, Vardhaman College of Engg. Antenna Arrays Design using HFSS	<b>Dr. Sulakshana Chilukuri</b> Associate Professor, Vardhaman College of Engg. Design of Metamaterial split Ring Resonator using HFSS	<b>Online Test followed Valedictory</b>

**Dr. Y. Ramakrishna**  
Coordinator

**b. List of resource persons invited with full address, contact details, brief resume and topics concerned etc.**

**1. Dr. NVSN Sarma, Director, IIIT, Tiruchirapalli,  
sarma@nitw.ac.in, 8702462412**

**Brief Resume:** Dr NVSN Sarma obtained his Masters and Doctoral degrees from Indian Institute of Technology, Kharagpur in the years 1985 and 1992 respectively after his Bachelor's degree in Engineering with specialization Electronics and Communications Engineering from JNTU College of Engineering, Kakinada, Andhra Pradesh in 1984.

He worked at Tata Institute of Fundamental Research, Mumbai for a brief period from Feb1986 to July1987.

He has been with the Department of Electronics and Communications Engineering at Regional Engineering College/National Institute of Technology, Warangal, India at various positions since 1990. He was Head of the department during Sept 2006 to Feb 2009 and again from Feb 2013 to Feb 2015. He was the Dean (Academic Affairs) of the institute during 2016 and 2017. His areas of interest include sensor networks, numerical electro-magnetics and antenna arrays.

He has been the recipient of Best Researcher Award of NIT Warangal for the year 2016. Six students were awarded with Doctorate degrees under his guidance. About 90 papers are at his credit in International and National journals and conferences. He visited USA, UK, Malaysia and Mauritius to present his papers and on some assignments. He delivered lectures at international universities and chaired sessions at international conferences. Presently, Dr. Sarma has been appointed as Founder Director of IIIT Tiruchirappalli.

**Topics Covered:** Innovative applications of Millimeter waves: Communications and beyond

**2. Dr. Mrinal Kanti Mandal, Associate Professor, IIT Kharapur,  
mkmandal@ece.iitkgp.ac.in, 9734092899**

**Brief Resume:** Dr. Mrinal Kanti Mandal obtained B. Tech. and M. Tech. degrees from the Institute of Radiophysics and Electronics, University of Calcutta in 2001 and 2003, respectively, and PhD degree from the department of Electronics and Electrical Communication Engineering, Indian Institute of Technology Kharagpur in 2008. From 2007 to 2009, he worked as a Research Fellow in the Institute for Infocom Research, Agency for Science, Technology and Research, Singapore. **He also worked as a postdoctoral fellow in the University of Quebec in Montreal from 2009 to 2010 and in the Polytechnic School of Montreal from 2010 to 2012.** He joined IIT Kharagpur as a faculty of department of E and ECE in 2012, where he is presently serving as an associate professor.

Dr. Mandal is a senior member of IEEE (2013). He is in the editorial board of Wiley International Journal of RF and Microwave Computer-Aided Engineering. He was in the board of organizing committee members of several international conferences including Asia-Pacific Microwave Conference – 2016. He obtained MHRD national scholarships for excellence in secondary and under graduate examinations.

He has authored or co-authored over 110 journal and conference papers including 40 in different IEEE journals in the domain of microwave and millimetre-wave circuits and systems. He has also filed 11 patents. His present research interest is co-design of active and passive components and their application in reconfigurable antennas, millimetre-wave imaging systems, beam forming networks, Doppler radars and six-port receiver.

**Topics Covered:** PCB and on-chip antennas at Millimeter wave frequencies.

Guiding structures at mm wave frequencies

### **3. Prof. L. Anjaneyulu, Professor and Head, NIT Warangal**

**[anjan@nitw.ac.in](mailto:anjan@nitw.ac.in), 8332969355**

**Brief Resume:** Prof. L. Anjaneyulu completed B. Tech in 1989 from Nagarjuna University, M. Tech in 1991 from NIT (then Regional Engineering College) Warangal. He completed PhD also from the same institute in the area of Radar Signal processing.

Prof. L. Anjaneyulu Worked as Project Officer at Institute of Armament Technology (Now Defence Institute of Armament Technology), PUNE of Defence Research & Development Organisation (DRDO), and involved in the Design and Development of Airborne and Surface borne RADAR Systems during 1991 – 1995.

He Worked as Staff Scientist at Helios systems, Madras , and involved in the development of software modules for RADARs of Indian Navy's War Ships for Radio wave propagation assessment during 1995 - 1997

Since 1997, he is With Department of ECE, NIT, Warangal and currently he is the Head of ECE department. So far he is having a total teaching experience of 23 years and 6 years of R&D

Prof. L. Anjaneyulu Published 50 research papers in International Journals, 45 papers in International IEEE conferences. He has guided 4 PhDs successfully and three more PhD works are going on.

**Topics Covered:** mmWave Applications in Medical Diagnosis

mmWave Communications and Satellite Applications

### **4. Swami Bodhamayanada, Director, VIHE, Hyderabad**

**Brief Resume:** swami bodhamayananda is director at vivekananda institute of human excellence ramakrishna math, domalguda, hyderabad

swami bodhamayananda is inspired by the teachings of sri ramakrishna and swami vivekananda during his school days, swami bodhamayananda joined the ramakrishna order in bangalore in 1984 and was initiated into monastic vows in 1993. after initial training, he served the mission in hyderabad, visakhapatnam and chennai between 1989 and 2010 and was involved in various youth activities during that period.

swami bodhamayananda has so far conducted more than 1000 workshops & seminars covering about 6 lakh students, teachers, managers and others on “human excellence, management and personality development” in schools, professional colleges and many corporates in tamil nadu, karnataka, andhra pradesh, telangana, kerala, maharashtra, new delhi, kolkata and few other places in india during the last decade. he has also addressed scientists at abdul kalam research centre imarat, isro bangalore, advocates of andhra pradesh & telangana high court hyderabad, executives of bhel, h.a.l. & b.d.l.

He has authored a book titled “mind and modern problems” in english and “yuva jagruti” in telugu published by ramakrishna math, Hyderabad.

At the ramakrishna math, hyderabad, he has taken the initiative to encourage, recognize and appreciate the leadership qualities amongst the youth by organizing a youth movement called “swami vivekananda yuva jagruti vedika.”

swami bodhamayananda’s discussion and talks on personality development and the message of swami vivekananda are uplodged in youtube - “rise and shine” in hmtv channel and telecasted every sunday at 11.30 am in tv5 (hindu dharmam) telugu channel for the benefit of the youth.

**Topics Covered:** Stress Managemnet

## **5. Dr. B. T. P. Madhav, Professor, K L deemed to be University**

**btpmadhav@kluniversity.in, 9908243452, 8008940999**

**Brief Resume:** Indian Book of Records and Asia Book of Record Holder—Youngest Professor with Highest Number of Publications, Young Scientist & ECR Awardee. Distinguished Scientist Award Holder, Distinguished Researcher Award Holder

- 1) No. of Sponsored Projects Completed:** 4 (worth of 123 Lakhs)
- 2) No. of Sponsored Projects ongoing:** 2 (worth of 107 Lakhs)
- 3) No. of Projects Applied:** 2 (Worth of 3.8 Crores)
- 4) Total Number of Research Publications:** 486
- 5) Scopus/SCI Indexed Journals Published:** 324
- 6) H-Index:** 31, **I10-Index:** 92, **Citations:** 3270
- 7) Professional Memberships:** 8
- 8) Reviewer for Journals:** a) IET Microwaves and Antennas & Propagation, b) IJE (Taylor and Francis, c) IJMWT (Cambridge University), d) JESTEC (Taylor’s University), e) WPS (Springer), f) JESTCH(Elsevier), g) IJECE-AUE(Elsevier) h) IEEE Access, i) International Journal of RF and Microwave Computer-Aided Engineering, j) Results in Physics, k) Ain

Shams Engineering(Elsevier), l) Microelectronic Engineering(Elsevier), m) PIER, n) Applied Computational Electromagnetics Journal, o) International Journal of Antennas and Propagation, p) MOTL, q) IEEE AWPL, r) Optik and 6 more

- 9) **Editorial Board Member:** 46 International Journals
- 10) Workshops and refresher courses attended: 28
- 11) **Workshops conducted:** 18
- 12) FDP's Conducted: 13
- 13) **Conferences attended:** 32, **Session Chair & Co-Chair:** 4, **Keynote:** 2
- 14) **Conferences conducted as coordinator:** 4
- 15) **Technical Program Committee member for Conferences:** 4
- 16) **Guest Lectures delivered:** 52, **E-Content/Topics in Social Media:** 62
- 17) M.Tech/B.Tech Projects Guided: 52
- 18) **Ph. D Scholars:** 07(1 Full Time+1 JRF+1 NDF Scholar+4 Part time)
- 19) **Ph. D Awarded:** 03, Submitted: 03
- 20) **Research topics of Interest:** RF-Microwave and Antennas, Liquid Crystals Applications, Image Processing

**Topics Covered:** Advanced Antennas for Vehicular and Medical Communication Applications

**6. Dr. Yalavarthy Usha Devi, Associate Professor, K L deemed to be University**

**[ushadevi.yalavarthi@gmail.com](mailto:ushadevi.yalavarthi@gmail.com), +919133241111**

**Brief Resume: Subjects Taught at UG/PG Level:**

Microprocessors and Microcontrollers, Embedded Systems, Embedded and Real-Time Systems, Antennas and Wave Propagation, Microwave Engineering, Electronic Devices and Circuits, Linear IC Applications, Digital System Design, Computer Organization and Architecture, Satellite Communications, Cellular and Mobile Communications, Data Communications, WSN and IoT Applications, IoT Applications for Smart Cities, Embedded Systems Design, Embedded C and Embedded Networking.

**Design Skills:**

MATLAB, Multisim, Pspice, Ansys HFSS, Logisim, CST, Ansys Savant, EMIT, NS2 (Beginner)

**Hardware Boards:**

Arduino, NodeMCU, Raspberry Pi

**Research topics of Interest:** RF-Microwave and Antennas, Embedded Networking, IoT Applications, Intelligent Edge.

**Topics Covered: Advanced Antenna Design Using HFSS**

**7. Dr. Sulakshana Chilukuri, Associate Professor, Vardhaman College of Engineering**

**sulakshana@vardhaman.org, 9398105540**

**Brief Resume: Dr. Sulakshana Chilukuri** received the Bachelor's degree in Electronics and Communication Engineering from G. Narayanamma Institute of Technology and Science, Hyderabad, India, in 2007, the Master's degree in Electronics and Communication Engineering with Communication Systems specialization from **National Institute of Technology, Tiruchirappalli**, Tamilnadu, India in 2010 and received her Ph.D. degree in Electronics and Communication Engineering from **National Institute of Technology Warangal**, Telengana, India in 2016 and worked as **Post-doc research fellow at University of West of Scotland, UK, 2017.**

Currently she is working on Multi-band Antennas, Wearable Antennas, Pattern Diversity Antennas, and Small Scale Antennas for Satellite Applications, Meta material Loaded Antennas. She has 10 Years of total experience in Research in the field of Antennas. She is a member of IEEE and MTT-S Student chapter faculty advisor & UNISEC India Student Chapter Faculty Advisor in Vardhaman college of Engg. She is also playing various roles in the department as R&D coordinator, IIRS Outreach Program Coordinator at institute level She has published her work in 12 International Journals, out of which 7 are SCI, 2 E-SCI, others peer reviewed journals. She presented her work in 18 International conferences sponsored by IEEE in different countries Malaysia, Israel, Hungary, Sri Lanka, Spain and have 22 conference publications. Received best paper award in 9th International Conference on Mechanical and Aerospace Engineering, Budapest in 2018. She has shared her knowledge as resource person and gave expert lectures in various Faculty Development Programs (in NIT Warangal), International conference (at Bangalore ITCA conference) and IEEE Student Symposium conducted by All India Council and in various FDPs.

She is the Reviewer for the following International Journals and Conferences

1. IET Microwaves and Antennas and Propagation (SCI Journal)
2. Applied Computational Electromagnetics Society Journal (SCI Journal)
3. International Journal of RF and Microwave Computer aided Engg, Wiley (SCI)
4. Advanced Electromagnetics Journal (E-SCI Journal)
5. Journal of Electrical and Computer Engineering, Hindawi
6. International Conference on Software, Knowledge, Information Management & Applications, 2017, 2018, 2019.
7. International Conference on Mechanical and Aerospace Engineering, 2018, 2019

She is currently Head of Vardhaman Student Satellite Mission program leading 75 students working on V-SAT (Vardhaman Satellite) Project.

**Topics Covered:** Reconfigurable Antenna Design using HFSS  
Antenna Arrays Design using HFSS  
Design of Metamaterial split Ring Resonator using HFSS

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<b>87</b>	sksultan.ece@nsrit.edu.in	Mr. SHAIK SULTAN
<b>88</b>	amera.anjum@vitap.ac.in	AMERA ANJUM

## Brief information about program

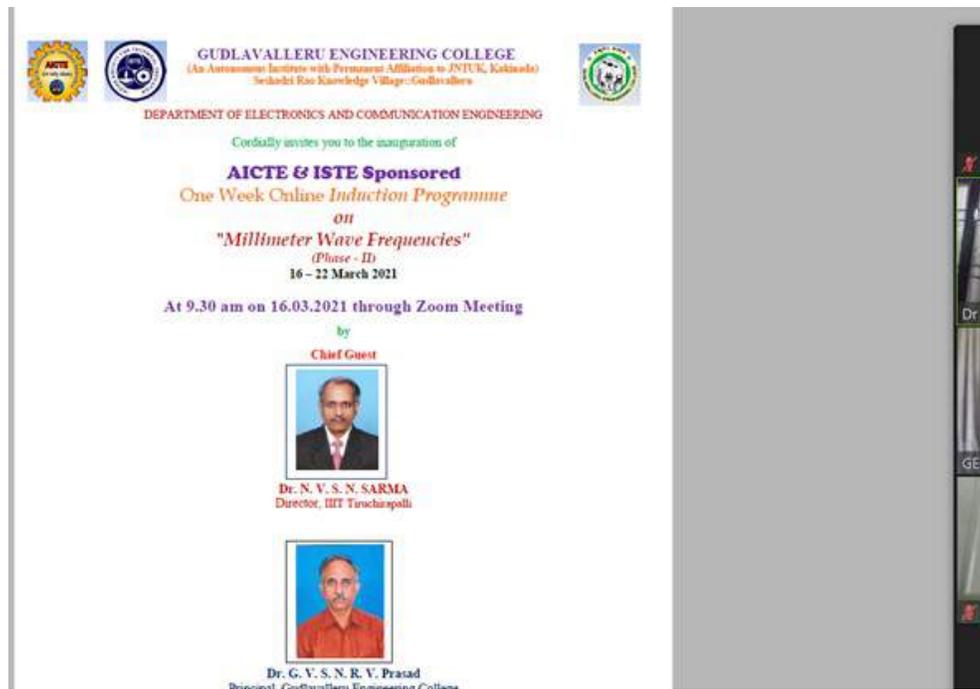
Name of the Program: One week AICTE-ISTE sponsored online Induction Program on **Millimeter - Wave Frequencies**

Schedule of the Program: 16.03.2021 to 22.03.2021

Organization: Gudlavalleru Engineering College, Andhra Pradesh

Coordinator: Dr. Y. Ramakrishna, Professor & HoD of ECE

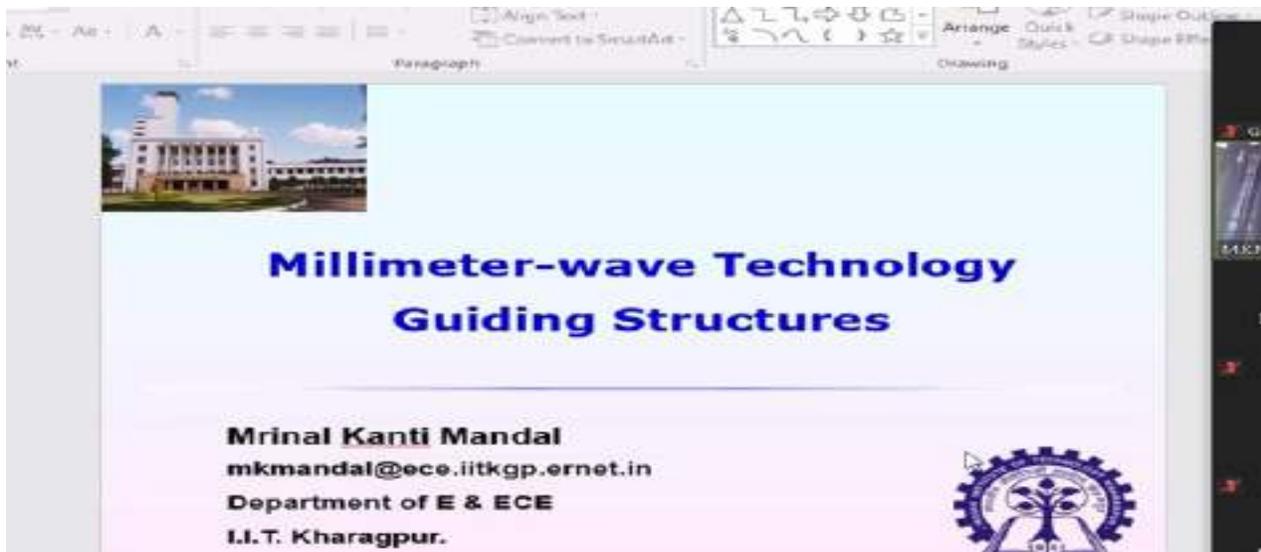
**This** One week AICTE-ISTE sponsored online Induction Program on **Millimeter - Wave Frequencies** was inaugurated by **Dr. N. V. S. N. Sarma, Director, IIT Tiruchirapalli.**



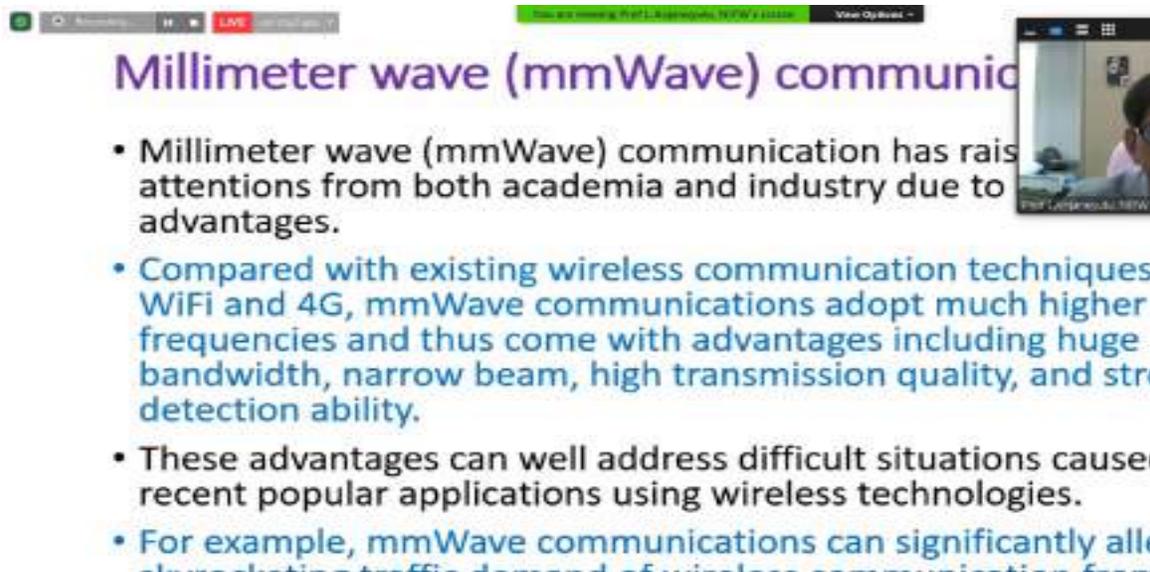
**Dr. N. V. S. N. Sarma** in the inauguration program has reiterated the importance of continuous learning for everyone.



Dr. N. V. S. N. Sarma has delivered lecture on applications of millimeter waves which are beyond the communication. Dr. Sarma explained what challenges are and how to provide the solution at the higher frequencies.



Dr. Mrinal Kanti Mandal has discussed in detail about the design issues of guiding structures at millimeter wave frequencies which may be used as components in mm wave technology. And on the other day Dr. Mandal give an overview of PCB and on-chip antennas at Millimeter wave frequencies



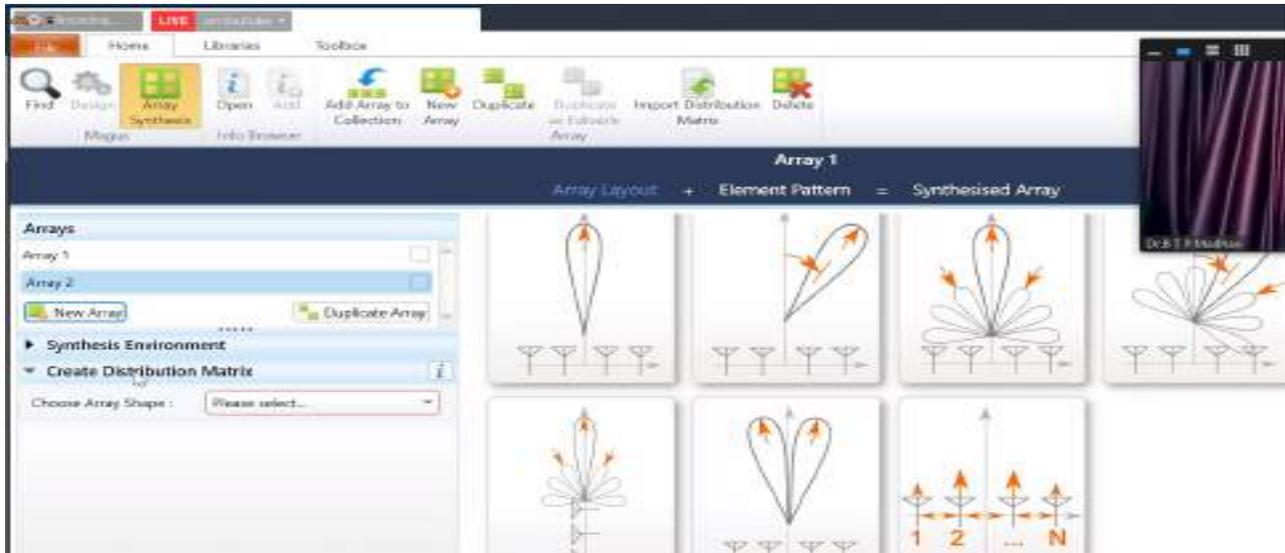
## Millimeter wave (mmWave) communication

- Millimeter wave (mmWave) communication has raised attentions from both academia and industry due to its advantages.
- Compared with existing wireless communication techniques WiFi and 4G, mmWave communications adopt much higher frequencies and thus come with advantages including huge bandwidth, narrow beam, high transmission quality, and strong detection ability.
- These advantages can well address difficult situations caused by recent popular applications using wireless technologies.
- For example, mmWave communications can significantly alleviate the traffic demand of wireless communication from

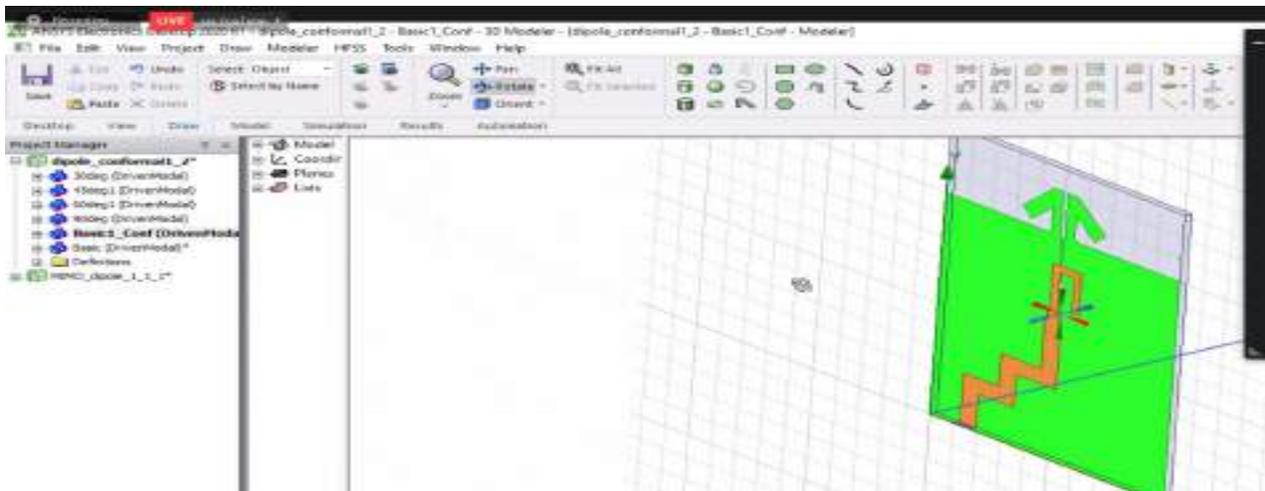
Prof. L. Anjaneyulu, has dealt with mmWave Applications in Medical Diagnosis and mmWave Communications and Satellite Applications. Prof. L. Anjaneyulu stressed the importance of mmWave signals can be used in medical diagnosis and satellite applications



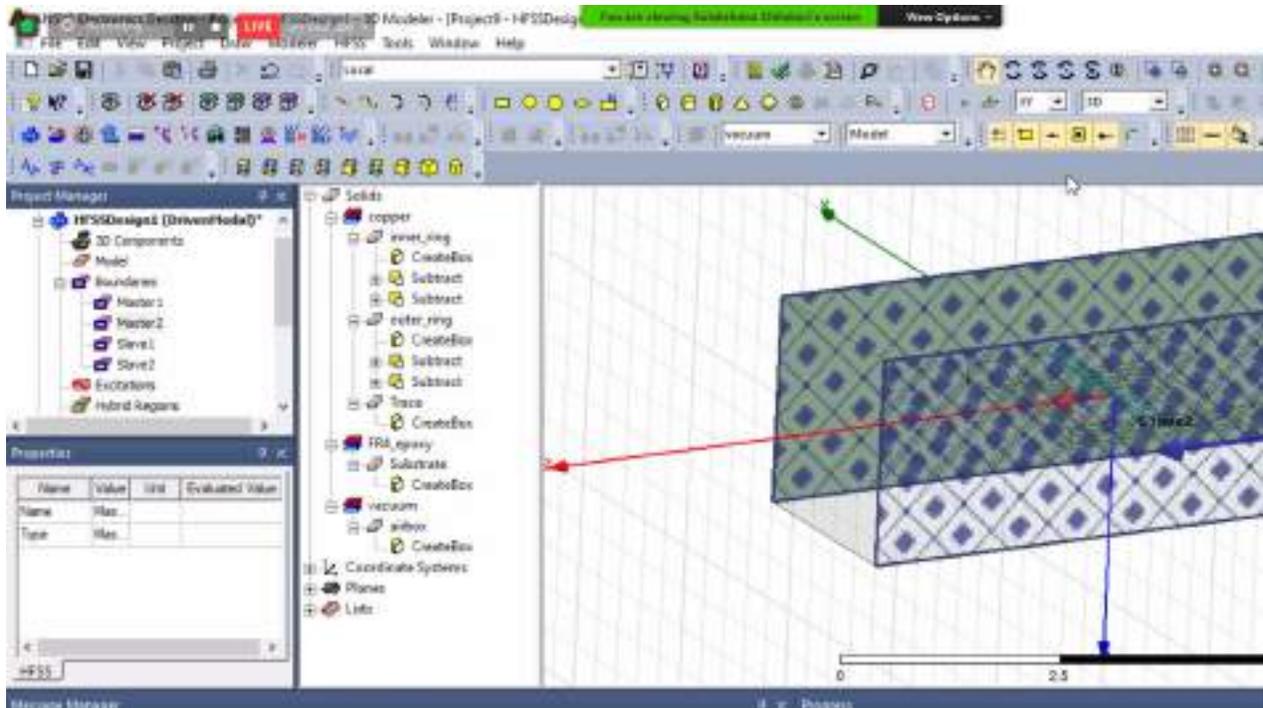
Swami Bodhamayanada gave a talk on what is the effect of stress on human, he guided how to overcome the stress to keep ourselves to gain more out of what we are doing and achieve further growth in a serene way.



Dr. B. T. P. Madhav gave a talk on Advanced Antennas for Vehicular and Medical Communication Applications. And he stressed on where to look for good published papers specific to Antenna and related areas. He introduced and gave a demo on different tools which are helpful to design and analyze the antenna and related structures.



Dr. Yalavarthy Usha Devi has shown how to design and simulate the mm wave antennas in HFSS. She has designed two different antenna structures radiate at mm wave frequencies and demonstrated how to verify various parameters and to check the radiation properties etc.



Dr. Sulakshana Chilukuri discussed the Reconfigurable antenna design, Antenna array design and metamaterial split ring resonator. She has given the theoretical and practical orientation of the antenna design. HFSS been used to simulate and analyze the antennas.

All over, this FDP has cover the theoretical and practical aspects of antenna design at mm wave frequencies and also briefed the applications in various areas.

## REPORT OF THE PROGRAM

Name of the Program: One week AICTE-ISTE sponsored online Induction Program on **Millimeter - Wave Frequencies**

Reference Number: ISTE/AICTE-ISTE FDP1-3514171904/2018-19 Dated: 11.03.2020

Schedule of the Program: 16.03.2021 to 22.03.2021

Chief Guest of inaugural session: **Dr. N. V. S. N. Sarma,**  
**Director, IIT, Tiruchirapalli**

No. of participants: 54

No. of registrations: 89

### Schedule of the Induction Programme

Date / Week Day	10.00 AM to 12.00 Noon	02.00 PM to 04.00 PM	04.15 PM to 06.00 PM
<b>16.03.2021</b> <b>Tuesday</b>	Prof. NVSN Sarma, Director, IIT Tiruchirapalli  Innovative applications of Millimeter waves : Communications and beyond	Dr. Mrinal Kanti Mandal, IIT Kgp  PCB and on-chip antennas at Millimeter wave frequencies.	Hands on Session HFSS Software Internal Resources
<b>17.03.2021</b> <b>Wednesday</b>	Dr. Sulakshana Chilukuri  Professor, Vardhaman College of Engg.  Reconfigurable Antenna Design using HFSS	Dr. Sulakshana Chilukuri  Professor, Vardhaman College of Engg.  Reconfigurable Antenna Design using HFSS	Hands on Session HFSS Software Internal Resources
<b>18.03.2021</b> <b>Thursday</b>	Swami Bodhamayanada,  Director, VIHE, Hyderabad  Stress Management	Dr. Mrinal Kanti Mandal, IIT Kgp  Guiding structures at mm wave frequencies	Hands on Session HFSS Software Internal Resources
<b>19.03.2021</b> <b>Friday</b>	Dr. B. T. P. Madhav  Professor, K L University	Dr. Yalavarthy Usha Devi  Professor, K L University	Hands on Session HFSS Software Internal Resources

	Advanced Antennas for Vehicular and Medical Communication Applications		Advanced Antenna Design Using HFSS	
<b>20.03.2021</b> <b>Saturday</b>	Prof. L. Anjaneyulu, NITW mmWave Applications in Medical Diagnosis		Prof. L. Anjaneyulu, NITW mmWave Communications and Satellite Applications	Hands on Session HFSS Software Internal Resources
<b>22.03.2021</b> <b>Monday</b>	Dr. Sulakshana Chilukuri Professor, Vardhaman College of Engg. Antenna Arrays Design using HFSS		Dr. Sulakshana Chilukuri Professor, Vardhaman College of Engg. Design of Metamaterial split Ring Resonator using HFSS	Online Test followed Valedictory

The Indian Society for Technical Education (ISTE) is the leading National Professional non-profit making Society for the Technical Education System in our country with the motto of Career Development of Teachers and Personality Development of Students and overall development of our Technical Education System.

- Millimeter waves open up more spectrum and reduces the congestion on the current radio spectrum.
- There are several advantages of millimeter waves, such as large bandwidth, higher resolution, low interference, small component sizes, increased security, and cost-efficacy.
- Today, a few electronic components were able to operate in millimeter waves; hence the millimeter wave's spectrum remained unused.
- However, this spectrum faces several challenges and acts as an obstacle for several players across industries.
  - The major challenge has been the travelling media due to the poor penetration attributed to atmospheric and free-space path loss.
  - Some of the challenges faced by millimeter waves include atmospheric absorption, free space loss, scattering of signal due to rain
  - Absorption increases at 24 and 60 GHz
  - Millimeter waves are blocked by physical objects such as trees and buildings, leading to signal loss and a reduced range

As a part of this one week online program, we have invited several eminent personalities working in this field across India. To our pleasure, we have three faculties from IITs, two faculty from NITs one faculty from IIIT, One retired scientist from DRDO as resource persons in this induction program. As per the guidelines of ISTE, one session should be conducted for stress management. In this regard, we have identified a psychiatrist who is an expert in conducting personality development programs.

The inaugural session is conducted during 09.00 am to 10.00 am with **Dr. NVSN Sarma, Director, IIIT, Tiruchirapalli**, as the chief guest of the function.

The image shows a digital invitation poster for an online induction program. At the top, it features logos for AICTE, ISTE, and the college. The text reads: 'GUDLAVALLERU ENGINEERING COLLEGE (An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada) Serikadri Rao Knowledge Village-Gudlavallera'. Below this is the 'DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING'. The main text says: 'Cordially invites you to the inauguration of AICTE & ISTE Sponsored One Week Online Induction Programme on "Millimeter Wave Frequencies" (Phase - II) 16 - 22 March 2021'. It specifies the meeting is 'At 9.30 am on 16.03.2021 through Zoom Meeting' and lists 'Dr. N. V. S. N. SARMA, Director, IIIT Tiruchirapalli' as the Chief Guest. A portrait of Dr. N. V. S. N. Sarma is shown. Below that is a portrait of 'Dr. G. V. S. N. R. V. Prasad, Principal, Gudlavallera Engineering College'. On the right side of the poster, there is a vertical strip showing a Zoom meeting interface with a name 'Dr. G...' and a logo 'GEC'.

The following are the details of resource persons:

1. **Dr. NVSN Sarma, Director, IIIT, Tiruchirapalli,**  
[sarma@nitw.ac.in](mailto:sarma@nitw.ac.in), 8702462412

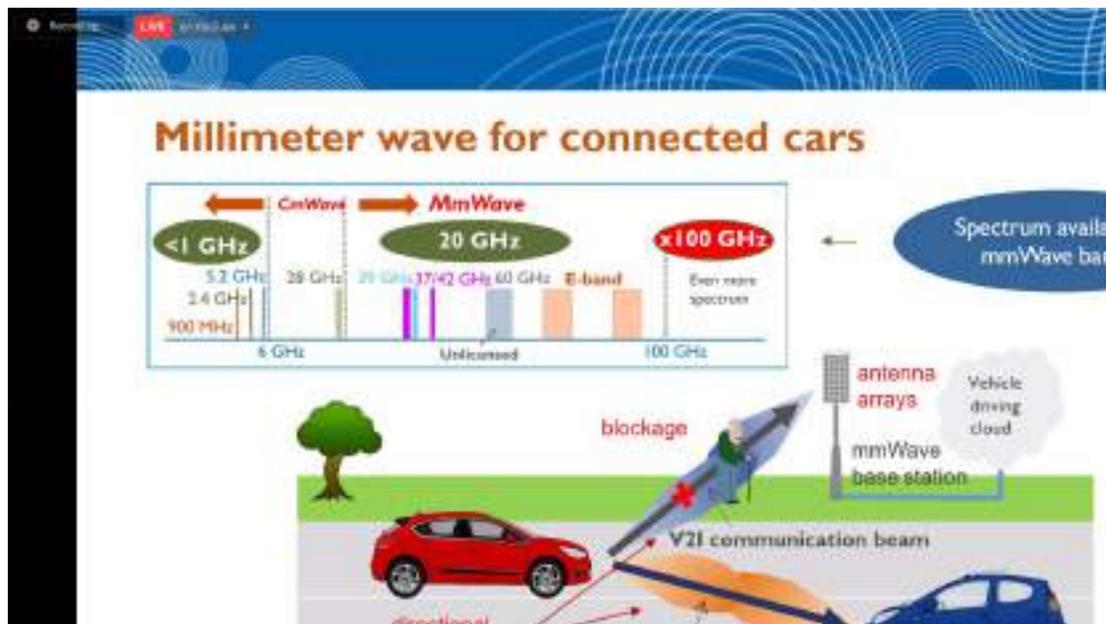
**Brief Resume:** Dr NVSN Sarma obtained his Masters and Doctoral degrees from Indian Institute of Technology, Kharagpur in the years 1985 and 1992 respectively after his Bachelor's degree in Engineering with specialization Electronics and Communications Engineering from JNTU College of Engineering, Kakinada, Andhra Pradesh in 1984.

He worked at Tata Institute of Fundamental Research, Mumbai for a brief period from Feb1986 to July1987.

He has been with the Department of Electronics and Communications Engineering at Regional Engineering College/National Institute of Technology, Warangal, India at various positions since 1990. He was Head of the department during Sept 2006 to Feb 2009 and again from Feb 2013 to Feb 2015. He was the Dean (Academic Affairs) of the institute during 2016 and 2017. His areas of interest include sensor networks, numerical electro-magnetics and antenna arrays.

He has been the recipient of Best Researcher Award of NIT Warangal for the year 2016. Six students were awarded with Doctorate degrees under his guidance. About 90 papers are at his credit in International and National journals and conferences. He visited USA, UK, Malaysia and Mauritius to present his papers and on some assignments. He delivered lectures at international universities and chaired sessions at international conferences. Presently, Dr. Sarma has been appointed as Founder Director of IIIT Tiruchirappalli.

**Topics Covered:** Innovative applications of Millimeter waves: Communications and beyond



**2. Dr. Mrinal Kanti Mandal, Associate Professor, IIT Kharapur, [mkmandal@ece.iitkgp.ac.in](mailto:mkmandal@ece.iitkgp.ac.in), 9734092899**

**Brief Resume:** Dr. Mrinal Kanti Mandal obtained B. Tech. and M. Tech. degrees from the Institute of Radiophysics and Electronics, University of Calcutta in 2001 and 2003, respectively, and PhD degree from the department of Electronics and Electrical Communication Engineering, Indian Institute of Technology Kharagpur in 2008. From 2007 to 2009, he worked as a Research Fellow in the Institute for Infocom Research, Agency for Science, Technology and Research, Singapore. **He also worked as a postdoctoral fellow in the University of Quebec in Montreal from 2009 of 2010 and in the Polytechnic School of Montreal from 2010 to 2012.** He joined IIT Kharagpur as a faculty of department of E and ECE in 2012, where he is presently serving as an associate professor.

Dr. Mandal is a senior member of IEEE (2013). He is in the editorial board of Wiley International Journal of RF and Microwave Computer-Aided Engineering. He was in the

board of organizing committee members of several international conferences including Asia-Pacific Microwave Conference – 2016. He obtained MHRD national scholarships for excellence in secondary and under graduate examinations.

He has authored or co-authored over 110 journal and conference papers including 40 in different IEEE journals in the domain of microwave and millimetre-wave circuits and systems. He has also filed 11 patents. His present research interest is co-design of active and passive components and their application in reconfigurable antennas, millimetre-wave imaging systems, beam forming networks, Doppler radars and six-port receiver.

**Topics Covered:** PCB and on-chip antennas at Millimeter wave frequencies.

Guiding structures at mm wave frequencies



### 3. Prof. L. Anjaneyulu, Professor and Head, NIT Warangal

[anjan@nitw.ac.in](mailto:anjan@nitw.ac.in), 8332969355

**Brief Resume:** Prof. L. Anjaneyulu completed B. Tech in 1989 from Nagarjuna University, M. Tech in 1991 from NIT (then Regional Engineering College) Warangal. He completed PhD also from the same institute in the area of Radar Signal processing.

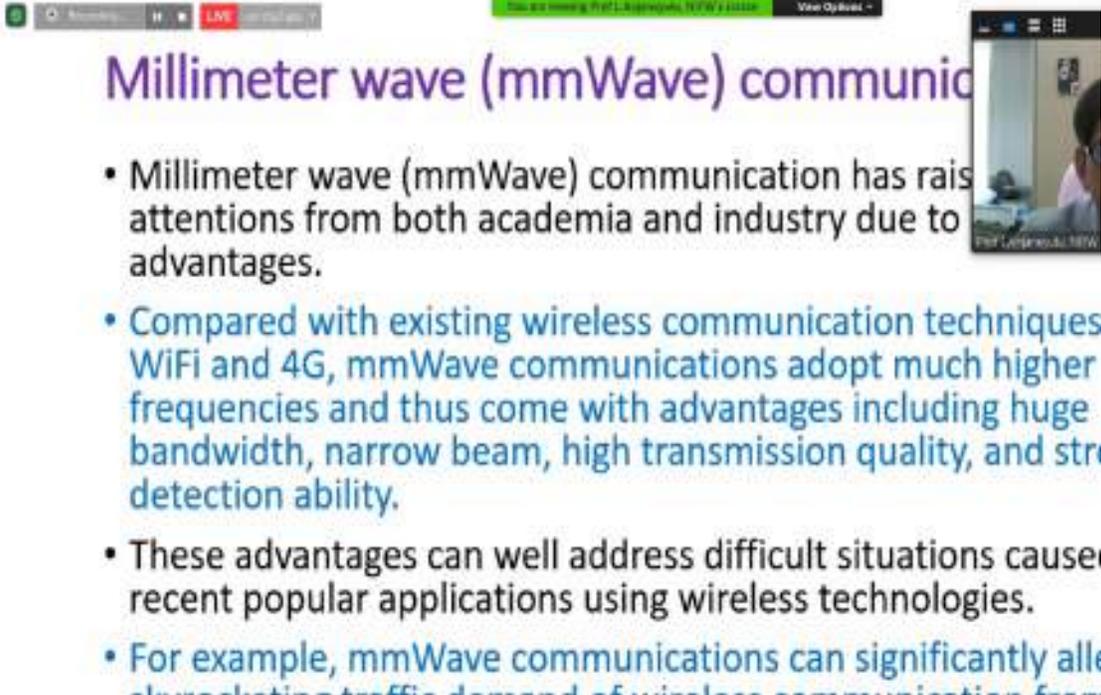
Prof. L. Anjaneyulu Worked as Project Officer at Institute of Armament Technology (Now Defence Institute of Armament Technology), PUNE of Defence Research & Development Organisation (DRDO), and involved in the Design and Development of Airborne and Surface borne RADAR Systems during 1991 – 1995.

He Worked as Staff Scientist at Helios systems, Madras , and involved in the development of software modules for RADARs of Indian Navy's War Ships for Radio wave propagation assessment during 1995 - 1997

Since 1997, he is With Department of ECE, NIT, Warangal and currently he is the Head of ECE department. So far he is having a total teaching experience of 23 years and 6 years of R&D

Prof. L. Anajaneyulu Published 50 research papers in International Journals, 45 papers in International IEEE conferences. He has guided 4 PhDs successfully and three more PhD works are going on.

**Topics Covered:** mmWave Applications in Medical Diagnosis  
mmWave Communications and Satellite Applications



The image shows a screenshot of a presentation slide. The title is "Millimeter wave (mmWave) communication". The slide contains the following bullet points:

- Millimeter wave (mmWave) communication has raised attentions from both academia and industry due to its advantages.
- Compared with existing wireless communication techniques WiFi and 4G, mmWave communications adopt much higher frequencies and thus come with advantages including huge bandwidth, narrow beam, high transmission quality, and strong detection ability.
- These advantages can well address difficult situations caused by recent popular applications using wireless technologies.
- For example, mmWave communications can significantly alleviate the congestion of traffic caused by wireless communication from

#### 4. Swami Bodhamayanada, Director, VIHE, Hyderabad

**Brief Resume:** swami bodhamayananda is director at vivekananda institute of human excellence ramakrishna math, domalguda, hyderabad

swami bodhamayananda is inspired by the teachings of sri ramakrishna and swami vivekananda during his school days, swami bodhamayananda joined the ramakrishna order in bangalore in 1984 and was initiated into monastic vows in 1993. after initial training, he served the mission in hyderabad, visakhapatnam and chennai between 1989 and 2010 and was involved in various youth activities during that period.

swami bodhamayananda has so far conducted more than 1000 workshops & seminars covering about 6 lakh students, teachers, managers and others on "human excellence, management and personality development" in schools, professional colleges and many corporates in tamil nadu, karnataka, andhra pradesh, telangana, kerala, maharashtra, new

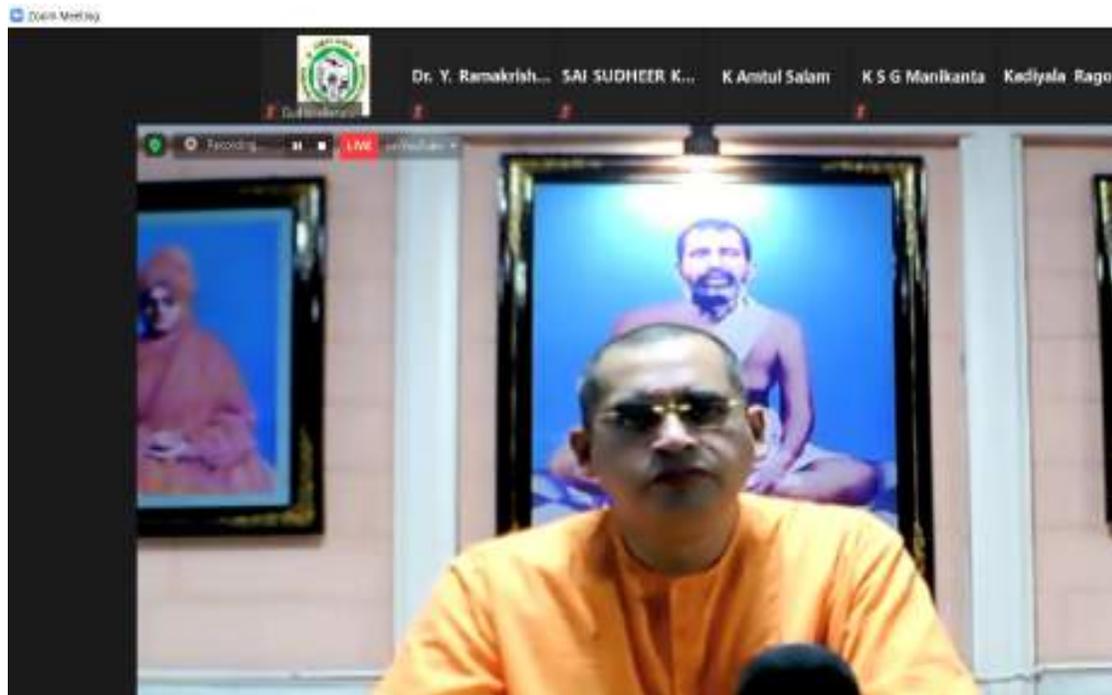
delhi, kolkata and few other places in india during the last decade. he has also addressed scientists at abdul kalam research centre imarat, isro bangalore, advocates of andhra pradesh & telangana high court hyderabad, executives of bhel, h.a.l. & b.d.l.

He has authored a book titled “mind and modern problems” in english and “yuva jagruti” in telugu published by ramakrishna math, Hyderabad.

At the ramakrishna math, hyderabad, he has taken the initiative to encourage, recognize and appreciate the leadership qualities amongst the youth by organizing a youth movement called “swami vivekananda yuva jagruti vedika.”

swami bodhamayananda’s discussion and talks on personality development and the message of swami vivekananda are uplodged in youtube - “rise and shine” in hmtv channel and telecasted every sunday at 11.30 am in tv5 (hindu dharmam) telugu channel for the benefit of the youth.

**Topics Covered:** Stress Management



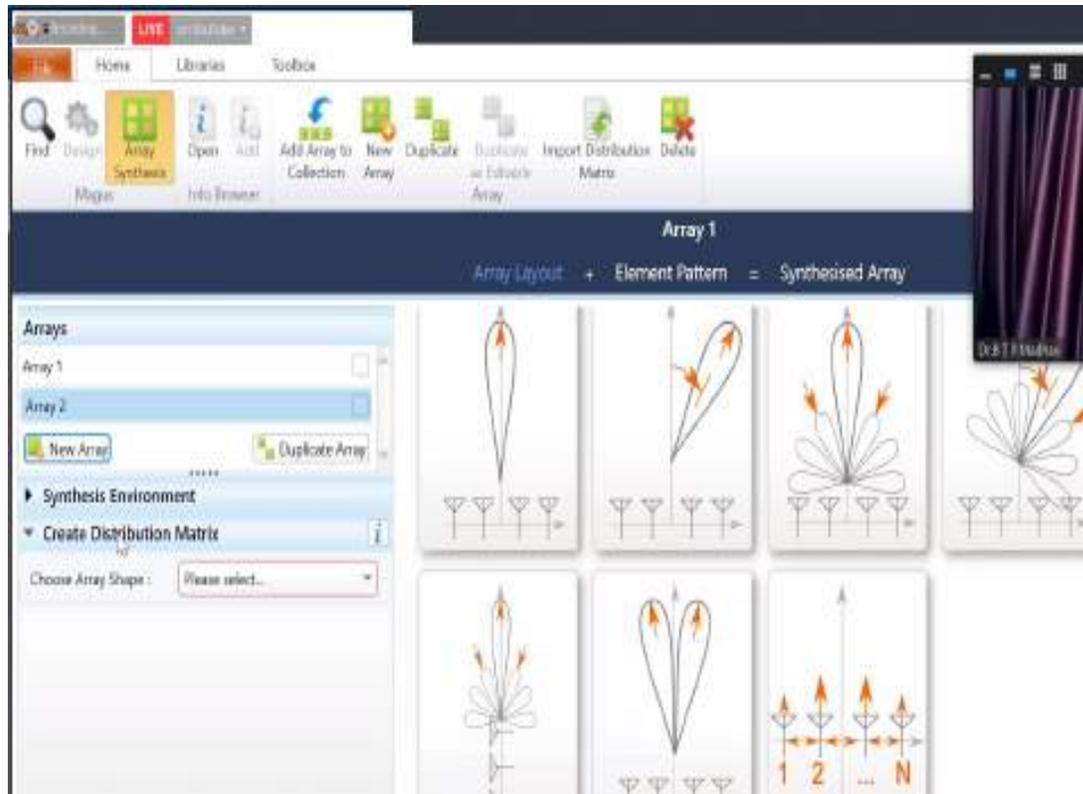
**5. Dr. B. T. P. Madhav, Professor, K L deemed to be University**

**btpmadhav@kluniversity.in, 9908243452, 8008940999**

**Brief Resume:** Indian Book of Records and Asia Book of Record Holder—Youngest Professor with Highest Number of Publications, Young Scientist & ECR Awardee. Distinguished Scientist Award Holder, Distinguished Researcher Award Holder

- 1) **No. of Sponsored Projects Completed:** 4 (worth of 123 Lakhs)
- 2) **No. of Sponsored Projects ongoing:** 2 (worth of 107 Lakhs)
- 3) **No. of Projects Applied:** 2 (Worth of 3.8 Crores)
- 4) **Total Number of Research Publications:** 486
- 5) Scopus/SCI Indexed Journals Published: 324
- 6) **H-Index:** 31, **I10-Index:** 92, **Citations:** 3270
- 7) **Professional Memberships:** 8
- 8) **Reviewer for Journals:** a) IET Microwaves and Antennas & Propagation, b) IJE (Taylor and Francis, c) IJMWT (Cambridge University), d) JESTEC (Taylor's University), e) WPS (Springer), f) JESTCH(Elsevier), g) IJECE-AUE(Elsevier) h) IEEE Access, i) International Journal of RF and Microwave Computer-Aided Engineering, j) Results in Physics, k) Ain Shams Engineering(Elsevier), l) Microelectronic Engineering(Elsevier), m) PIER, n) Applied Computational Electromagnetics Journal, o) International Journal of Antennas and Propagation, p) MOTL, q) IEEE AWPL, r) Optik and 6 more
- 9) **Editorial Board Member:** 46 International Journals
- 10) Workshops and refresher courses attended: 28
- 11) **Workshops conducted:** 18
- 12) FDP's Conducted: 13
- 13) **Conferences attended:** 32, **Session Chair & Co-Chair:** 4, **Keynote:** 2
- 14) **Conferences conducted as coordinator:** 4
- 15) **Technical Program Committee member for Conferences:** 4
- 16) **Guest Lectures delivered:** 52, **E-Content/Topics in Social Media:** 62
- 17) M.Tech/B.Tech Projects Guided: 52
- 18) **Ph. D Scholars:** 07(1 Full Time+1 JRF+1 NDF Scholar+4 Part time)
- 19) **Ph. D Awarded:** 03, **Submitted:** 03
- 20) **Research topics of Interest:** RF-Microwave and Antennas, Liquid Crystals Applications, Image Processing

**Topics Covered:** Advanced Antennas for Vehicular and Medical Communication Applications



**6. Dr. Yalavarthy Usha Devi, Associate Professor, K L deemed to be University**

[ushadevi.yalavarthi@gmail.com](mailto:ushadevi.yalavarthi@gmail.com), +919133241111

**Brief Resume: Subjects Taught at UG/PG Level:**

Microprocessors and Microcontrollers, Embedded Systems, Embedded and Real-Time Systems, Antennas and Wave Propagation, Microwave Engineering, Electronic Devices and Circuits, Linear IC Applications, Digital System Design, Computer Organization and Architecture, Satellite Communications, Cellular and Mobile Communications, Data Communications, WSN and IoT Applications, IoT Applications for Smart Cities, Embedded Systems Design, Embedded C and Embedded Networking.

**Design Skills:**

MATLAB, Multisim, Pspice, Ansys HFSS, Logisim, CST, Ansys Savant, EMIT, NS2 (Beginner)

**Hardware Boards:**

Arduino, NodeMCU, Raspberry Pi

**Research topics of Interest:** RF-Microwave and Antennas, Embedded Networking, IoT Applications, Intelligent Edge.

**Topics Covered: Advanced Antenna Design Using HFSS**



**GUDLAVALLERU ENGINEERING COLLEGE**  
Seshadri Rao Knowledge Village, GUDLAVALLERU

Proposal to Organize FDP

12<sup>th</sup> December 2020

From  
The HoD,  
Department of Electronics & Communication Engineering,  
Gudlavalleru Engineering College,  
GUDLAVALLERU

To  
The Principal  
Gudlavalleru Engineering College,  
GUDLAVALLERU

Letter No: GEC/ECE/FDP/2020-2021/01

Program : FDP  
Event : Workshop  
Name of the Event : A Two Training Programme on "Design and Development of VLSI Circuits using Mentor Graphics Tools"  
No. of Days : 2  
Duration : 14<sup>th</sup> to 15<sup>th</sup> December 2020  
(Dates)  
Targeted Audience : Faculty  
If Students  
Year : NIL  
Expected  
No. of Participants :

External	Internal
---	45

Co-ordinators : Dr. Y. Ramakrishna, Professor & HoD, Dept. of ECE  
Y. Sri Chakrapani, Associate Professor, Dept. of ECE

Mobile No : 9912629700

Resource person(s) :

Sl. No	Name	Designation	Organization
1.	Mr. K. Pradcep	Sr Application Engineer	APPLYVOLT Technologies Pvt. Ltd.

Objective(s) of the program : To train the faculty about the design of VLSI circuits and Hands on experience using Mentor graphics HEP1 tools.

Expected outcome : Faculty can design and develop VLSI circuits using Mentor graphics HEP1 tools.

**GUDLAVALLERU ENGINEERING COLLEGE**  
**SESHADRI RAO KNOWLEDGE VILLAGE::GUDLAVALLERU**  
**DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING**

12<sup>th</sup> December 2020

**Circular**

All the faculty members are requested to attend “A Two Day Training Programme on “Design and development of VLSI circuits using Mentor Graphics Tools”. In Particular, VLSI and Embedded System Research group faculty members should attend this Training Programme.

**Details:**

Dates : 14<sup>th</sup> to 15<sup>th</sup> December 2020

Venue : ES Lab

Resource Person : **Mr. K.Pradeep**, Sr. Application Engineer  
APPLY VOLT Technologies.

**Note:** The faculty members should handle their online classwork and then attend the training Programme.

  
12/12/2020

HoD

## Resource Person Profile

Name: KATIKILA PRADEEP

Working: Sr. Application Engineer in APPLYVOLT.

Qualification: ASIC Design and Verification from NIELIT, Calicut  
M.Tech in VLSI Design from JNTUK, AP  
B Tech in E.C.E from CIST, Kakinada, AP

### PROFILE SUMMARY:

- Knowledge of physical design concept ranging from RTL to Tapeout.
- Comprehensive understanding of methodologies of floor planning, place & route.
- Exposure to timing closure and physical verification.
- Familiar with ASIC back-end design methodologies and verification flows.
- Hands on experience with Altera, Xilinx Vivado and Mentor EDA Tools.
- Experience in RTL Design, FPGA Prototyping and Functional Simulation.
- Hands on experience of Zed board, FPGA Cyclone -1V, Spartan-3E & Spartan-6 and Virtex-7 FPGA boards.
- Experience in test bench development in both VHDL/Verilog and its interface with DUT
- An effective, innovative professional with strong analytical and problem solving skill
- An excellent multitasking ability with outstanding organizational skills
- Comfortable and self-confident in a diverse population
- A passion for professional ethics and adherence to organizations core values.

### WORK EXPERIENCE:

- Worked as a intern for ASIC Design and verification, using system Verilog and UVM at Sion semiconductor for six months.
- Worked as a application engineer in Tenet Technetronics for one and half year
- Presently working as a Sr. Application Engineer in APPLYVOLT

### TRAINING AND WORKSHOPS DELIVERED

- JNTUK, Kakinada
- SRKIT, Vijayawada
- JNTUH, Hyderabad
- PVPSC Vijayawada
- MGIT, Hyderabad
- IIT, Bhubaneswar
- NIT, AP
- NIT, Raipur

GUDLAVALLERU ENGINEERING COLLEGE, GUDLAVALLERU  
SESHADRI RAO KNOWLEDGE VILLAGE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

A Two Day Training Programme on  
"Design and development of VLSI circuits using Mentor Graphics Tools"  
14<sup>th</sup> - 15<sup>th</sup> December 2020.

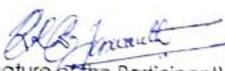
**FEED BACK FORM**

EXCELLENT - 1      GOOD - 2      SATISFACTORY - 3      POOR - 4

- a. Relevance of the topics dealt in the Training Program ( 2 )
- b. Orientation to practical examples ( 2 )
- c. How useful did you find the Training Program ( 2 )
- d. Was the Training Program well organized ( 2 )
- e. Your impression about the Lab Sessions for the Training Program ( 2 )
- f. How was the overall quality of the Training Program ( 2 )
- g. Comments, if any \_\_\_\_\_  
\_\_\_\_\_

Name of the Participant: Robith Bala Jawarath B.

Designation: Assistant Professor

  
(Signature of the Participant)

GUDLAVALLERU ENGINEERING COLLEGE, GUDLAVALLERU  
SESHADRI RAO KNOWLEDGE VILLAGE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

A Two Day Training Programme on  
"Design and development of VLSI circuits using Mentor Graphics Tools"  
14<sup>th</sup> - 15<sup>th</sup> December 2020.

FEED BACK FORM

EXCELLENT - 1      GOOD - 2      SATISFACTORY - 3      POOR - 4

- a. Relevance of the topics dealt in the Training Program ( 2 )
- b. Orientation to practical examples ( 2 )
- c. How useful did you find the Training Program ( 2 )
- d. Was the Training Program well organized ( 2 )
- e. Your impression about the Lab Sessions for the Training Program ( 2 )
- f. How was the overall quality of the Training Program ( 2 )
- g. Comments, if any NID
- \_\_\_\_\_
- \_\_\_\_\_

Name of the Participant: Priyadarshini V

Designation: Assistant professor

  
(Signature of the Participant)



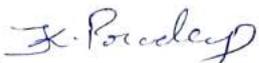
**GUDLAVALLERU ENGINEERING COLLEGE**  
**SESHADRI RAO KNOWLEDGE VILLAGE**

GUDLAVALLERU - 521 356, Krishna District, Andhra Pradesh

**Dept. of Electronics and Communication Engineering**

**RESOURCE PERSONS DETAILS**

Name : Mr. E. Pradeep  
Designation : Senior Application Engineer  
Address : Apply Volt, Vijayawada  
Topic delivered : Design and Development of VLSI circuits  
using Mentor graphics Tools  
Date : 14<sup>th</sup> to 15<sup>th</sup> December 2020  
Venue : M.Tech (ES) Lab, ECE Department  
Target audience : Faculty

  
Signature of Resource Persons

# GUDLAVALLERU ENGINEERING COLLEGE

Seshadri Rao Knowledge Village, Gudlavalleru

From  
The HoD  
Department of ECE  
Gudlavalleru Engineering College.  
GUDLAVALLERU

To  
The Principal  
Gudlavalleru Engineering College.  
GUDLAVALLERU

## UTILIZATION CERTIFICATE

Ref Letter No : GEC/ECE/FDP/2020-2021/01  
Name of the event : A Two Day Training Programme on "Design and Development of VLSI Circuits using Mentor Graphics Tools"

No. of Days : 02

Duration : 14<sup>th</sup> to 15<sup>th</sup> December 2020

No. of Participants participated : Internal - 50 External: NIL

Actual Expenditure:

Sl. No		Requested (As per Request letter)	Spent(Actual expenditure)
a	Honorarium per person/ day/ per hour	---	---
b	Hospitality for Resource persons	1,000	256
c	TA	---	---
d	Banners	---	---
e	Certificates	1,000	1,000
f	Lunch / Dinner for Participants	---	---
g	Snacks for Participants	500	340
h	Scribbling pad and pen etc	---	---
i	Guest Memento	---	---
j	Miscellaneous if any (photos)	---	80
		Total.	Rs. 1676

Amount paid to the associative organization : Rs. NIL

Total Expenditure (A+B) : Rs. 1676

Amount sponsored by others if any  
(CSI/ISTE/IETE/IEEE/Students Association etc.) : Rs. NIL

Amount Collected from participants : No \_\_\_\_\_ @ Rs. \_\_\_\_\_ / head Rs. NIL

Advance Amount drawn from the Office : Rs. 2500

Amount to be returned to the college:  
(C+D+E) - (A+B) Rs. 824

A

B

C

D

E

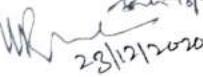
Feedback Taken : Yes

Participants Opinion : The resource person has demonstrated various VLSI circuits and developed using Mentor Graphics tools.

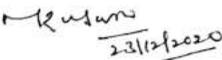
Remarks of the Coordinator: This training program helped the participants to practice the VLSI Circuits and layout development using Mentor Graphics tools.

Signature: 

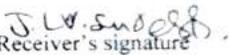
Remarks of the HoD: Conducted as per the schedule. Participants agree with the content delivered.

Signature:   
23/12/2020

Remarks of the Vice-Principal (Academics): Maybe Sanctioned by

Signature:   
23/12/2020

I Y.Sri Chakrapani, Coordinator of the program has returned the balance amount of Rs. 824 (Eight Hundred and Twenty Four only) To The Principal's office.

  
Receiver's signature

  
Principal

Enclosed: Proposal submitted and Bills

**GUDLAVALLERU ENGINEERING COLLEGE**  
SESHADRIRAO KNOWLEDGE VILLAGE, GUDLAVALLERU

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**A Two Day Training Programme on**  
**“Design and development of VLSI circuits using Mentor Graphics Tools”**  
14<sup>th</sup> – 15<sup>th</sup> December 2020

**Report**

**14<sup>th</sup> December 2020:**

The Faculty from Department of ECE has participated in the first day of the “Two Day Training Programme on Design and development of VLSI circuits using Mentor Graphics Tools” organized by Department of ECE, Gudlavalleru Engineering College.

Mr K.Pradeep, Senior Application Engineer, APPYVOLT, has started the theory session on “Basics of ASIC Design and ASIC Vs FPGAs, Full Custom Flow and Semi Custom Design Flow, Latest Advancements VLSI Industry” and lab session on “Semi Custom Design Flow” which includes “Introduction to Mentor Graphics tools” and lab session on “Pyxis schematic and ELDO Simulator”.

In the afternoon, he has started the lab session on “RTL to GDS Flow” which includes Reading Verilog Netlist in Pyxis Layout, Floor-Planning Placement & Routing (PR), Physical Verification with Calibre (DRC, LVS, PEX).

**15<sup>th</sup> December 2020:**

Mr K.Pradeep, has started the lab session on “Cell Based Design” which includes Floor planning, Placement, Routing, Physical Verification Using Industry Standard Calibre Tool (DRC, LVS, xRC).

In this session, he emphasized about the layout creation from schematic and analyzed the parameters like power dissipation, delay etc. After that he demonstrated about the process of post layout simulation and RC extraction (xRC). Finally, he demonstrated physical verification step using calibration tool (LVS).

  
(Y. Sri Chaitanya)



POCO  
NOT ON POCO X2

11:54





POCO  
SHOT ON POCO X2

2020/12/14 11:52

**Chief Patron:**

AANM & VVRSR Educational Society

**Patron:**

Dr. P. Ravindra Babu, Principal

**Co-Patrons:**

Dr.G.V.S.N.R.V.Prasad, Professor, CSE & Vice Principal-Academics

Dr.B.Karuna Kumar, Professor, ME & Vice Principal-Administration

**Advisor:**

Dr. P. Nageswara Reddy, Director, AS&A

**Coordinator:**

Dr.M.Kamaraju., Professor & Mentor(AS&A), ECE Dept.

**Co- Coordinator**

Dr.V.V.K.D.V.Prasad, Professor & HoD, ECE Dept.

**Advisory Committee:**

Dr.K.N.Prakash, Professor, ECE

Dr.R.S.Rao, Professor, ECE

Dr.Y.Rama Krishna, Professor, ECE

Dr.Ravi Krishna Reddy, Professor, ECE

Dr.Ch.Balaswamy, Professor, ECE

Mr.V.Vittal Reddy, Assoc. Prof., ECE

Mrs.T.Venkata Lakshmi, Assoc. Prof., ECE

Mr.T.S.R.Krishna Prasad, Assoc. Prof., ECE

Mr. A. Mallaiah, Assoc. Prof., ECE

Dr.Y.Syamala, Assoc. Prof., ECE

Dr.B.Raja Sekhar, Assoc. Prof., ECE

Mr.Y.Sri Chakrapani, Assoc. Prof., ECE

Dr.D.Prabhakar, Assoc. Prof., ECE,

Dr.S.Ravi, Assoc. Prof., ECE,

Dr.T.Ananda babu, Asst. Prof., ECE

**Programme Organizing Committee:**

Sri N.Samba Murthy, Asst. Professor, ECE

Sri B.Vamsy Krishna, Asst. Professor, ECE

Sri B.R.B.Jaswanth, Asst. Professor, ECE

Sri M.Damodhar Rao, Asst. Professor, ECE

Sri P.Anil Kumar, Asst. Professor, ECE

Sri B.Ajay Kumar, Asst. Professor, ECE

Mrs.T.Subhashini, Asst. Professor, ECE

Mrs.V.Sree lakshmi, Asst. Professor, ECE

Ms.P.Ramya, Asst. Professor, ECE

Mrs.V.Priyadarshini, Asst. Professor, ECE

**Address for Correspondence****Coordinator:**

Dr.M.Kamaraju., Professor & Mentor(AS&A),  
ECE Dept., Gudlavalleru Engineering College,  
Gudlavalleru, Krishna Dist. -521356

Mobile: 9849157394.

E-mail : [profmkr@gmail.com](mailto:profmkr@gmail.com)

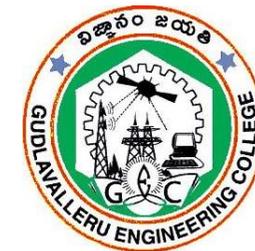
**Location:**

<https://goo.gl/maps/HFGXQafcmLZ8fKCA7>



**A 5-day National Level**  
**AICTE Training And Learning (ATAL) Academy**  
**Sponsored**  
**Online Faculty Development Programme (FDP)**  
**on**  
**Internet of Things (IoT)**

**7<sup>th</sup> - 11<sup>th</sup>, December 2020.**



**Organized by**

**Department of Electronics & Communication Engineering**  
**Gudlavalleru Engineering College**

(Sponsored by AANM & VVRSR Educational Society)

**SESHADRI RAO KNOWLEDGE VILLAGE**

**Gudlavalleru- 521 356, Krishna District, Andhra Pradesh**

(Affiliated to JNTUK, KAKINADA)

**Phone: 08674 - 273737, 273888, Fax : 08674 - 273957**

**Website: [www.gecgudlavalleru.ac.in](http://www.gecgudlavalleru.ac.in)**

### About the College:

Gudlavalleru Engineering College was established in the year 1998 and is promoted by AANM & VVRSR Educational Society. This college is located in amidst green surroundings at the outskirts of Gudlavalleru village, a mandal head quarters in Krishna District of Andhra Pradesh. All eligible B. Tech programs of EEE, ME, ECE and IT have been accredited by NBA under TIER –I for a period of three academic years from 2019- 20 to 2021-22. All eligible B. Tech. programs were earlier accredited thrice by NBA. The other programs are in the process of reaccreditation.

The College is accredited by NAAC with "A" grade and obtained the status of permanent affiliation to JNT University Kakinada and was granted autonomous status by UGC since 2014.

Along with 8 UG programs, the college is also offering M. Tech. Programs in ECE, EEE, CSE, ME and Civil Engineering and a PG Programme in Business Administration (MBA).

### About the Department:

The department is offering B. Tech Programme in Electronics and Communication Engineering (1998), M. Tech in VLSI Design and Embedded Systems (2019) and B. Tech–IoT from the Academic Year 2020-21. B. Tech (ECE) is Tier - I accredited by NBA for three years w.e.f. 2019-2020. This department is a recognized research center by JNT University Kakinada.

The department has well qualified staff specialized in Microelectronics, Instrumentation and Control, Digital Systems & Computer Electronics, Digital Communication and Networks, Systems & Signal Processing, Microwave Engineering, VLSI Design. Department Labs are equipped with specialized equipment like spectrum analyzer, Digital Storage Oscilloscope, Universal Programmer, Curve Tracer, DSP, VLSI & Embedded System Development Kits supported by software like CCS (Code Composer Studio) for DSP, MATLAB, Aldec VHDL, Xilinx vivado FPGA Express, Altera Quartus-II, HFSS, Mentor Graphics (Front End, Back End Tools), Xilinx 14.1i (Project Navigator), Modelsim, Multisim, Ride, Lab VIEW, TI based embedded systems Robots and IoT etc.

### About the FDP:

The FDP is formulated to enhance the knowledge and skill of the participants in using Internet of Things for implementing real time projects in the field of Electronics and communication engineering.

### Objectives:

- To make the participants familiarize with IoT concepts through hands on experience.
- To enable the participants take up real time projects in the field of internet of things.

### Course High Lights:

- ❖ Introduction to IoT, & Embedded System
- ❖ IoT - Computing Platform
- ❖ Signal Processing and machine learning for IoT Application
- ❖ Powering IoT devices
- ❖ IoT Security
- ❖ Case Studies on IoT Systems
- ❖ IoT - Smart Cities
- ❖ IoT - Solar Power Application
- ❖ Design Thinking – IoT
- ❖ IoT system development using python programming (Practical Session)

### Resource Persons:

- Dr.K.Solomon Raju, Senior Scientist, CEERI, Pilani
- Er.S.Bhavanishankar,Head-IoT.Effronics Systems Pvt.Ltd.VJA
- Dr.P.Srihari, Professor, NITK, Surathkal
- Dr.B.Lakshmi, Associate Professor, NITW, Warangal
- Dr.Eswar Murthy,Asst.Professor,IIIT,Kurnool
- Er.RamakrishnaDutt,Sr.SoftwareEngineer,Enphaseenergy,BNGL.
- Dr.B.K.N.Srinivasarao, Assistant Professor, NITW, Warangal
- Dr.Sachin, Associate Professor IIIT, Hyderabad.
- Dr.Murali Krishna,Professor,CE JNTUK, Kakinada.
- Dr.M.Kamaraju, Professor,GEC, Gudlavalleru.
- Er.Ramakrishna, Sr.Design Engineer, Xilinx,Hyderabad.
- Er.B.Anil Kumar,Tech.Manager,Inovas semi.Gmbh),Germany
- Er.P.Madhu,Madblocks,CEO,Hyderabad.

### Eligible :

- ❖ The faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from Government, CBSE Teachers, Industry (Bureaucrats/Technicians/Participants from Industry etc.)and staff of host institutions.
- ❖ No Registration FEE to attend this online ATAL FDP.

### Dates to Remember:

Last date for Registration: **4<sup>th</sup> December 2020.**  
**ATAL FDP: 7<sup>th</sup> - 11<sup>th</sup> December 2020.**

**Registration:** This online FDP through the ATAL portal;  
<https://atalacademy.aicte-india.org/login>.

**Note:** Last date of online registration is 4/12/2020.

Shortlisted candidates will be announced through email within 2-3 days of online program.

### Certificate:

- ❖ Participants have to attend an exam at the end of the 5 day programme.
- ❖ The participants who have attendance more than 80% and test score greater than 60% are eligible to receive Digital Certificate issued by the ATAL Academy.

### Sessions Timings:

**7<sup>th</sup> - 11<sup>th</sup>, December, 2020 (Every day 3 sessions).**

**Session1: 10:00AM To11:30 AM (IST).**

**Session2: 11:30 AM To 1:00PM (IST)**

**Session3: 2:00PM To 3:30 PM (IST)**

ATAL workshop on Internet of Things



**REPORT**  
**ON**  
**INTERNET OF THINGS**

**Date: 7<sup>th</sup> – 11<sup>th</sup> Dec 2020, Gudlavalleru Engineering College**

## ATAL workshop on Internet of Things

### INTERNET OF THINGS WORKSHOP

INTERNET OF THINGS 5-Days AICTE sponsored workshop was conducted from 7<sup>th</sup> to 11<sup>th</sup> December 2020 in which 199 participants from different parts of the country participated.

The speakers for the 5-day workshop on “INTERNET OF THINGS” were:

#### **Er. Vikas Murali Kyatsandra, Principal Design Engineer, ARM, Bengaluru**



##### **Education**

- MBA from University of Chicago
- M.E.(Microelectronics) from RMIT University
- B.E.(ECE) from VTU, Bangalore

##### **Experience**

- Total: 13+ Years of industrial experience

#### **Dr. Kota Solomon Raju, Sr. Principal Scientist & Group Leader, CSIR-CEERI, Pilani, Rajasthan**



##### **Education**

- Ph.D. from IIT Roorkee
- M.E. from BITS Pilani
- B.E. from Andhra University

##### **Experience**

- Total: 21+ years of Industrial and research experience

#### **Dr.M. Kamaraju, Prof. & Mentor, ECE Dept., Gudlavalleru Engineering College, Gudlavalleru**



##### **Education**

- Ph.D. from JNTU, Hyderabad
- M.E. from Andhra University
- B.E. from Andhra University

##### **Experience**

- Total Teaching Experience: 26 years
- Industrial Experience: 1 year

## ATAL workshop on Internet of Things

### Dr. Sachin Chaudhari, Assistant Professor, IIIT Hyderabad



#### Education

- D.Sc. (Tech) from Aalto University (formerly TKK), Finland.
- M.E. from IISc, Bangalore.
- B.E. from VNIT, Nagpur.

#### Experience

- Total Teaching Experience: 6 years
- Industrial Experience: 4 years

### Dr. Lakshmi B, Professor, Dept. of ECE, NIT, Warangal



#### Education

- PhD from IIT Kharagpur.
- M.Tech.
- B.Tech.

#### Experience

- Currently working as Professor in ECE department at NIT, Warangal.

### Dr. Eswaramoorthy K V, Faculty of Electronics Engineering IIITDM-Kurnool, IIITDM-Kancheepuram Campus, Chennai



#### Education

- PhD from IISc, Bangalore
- M.Tech. from VIT, Vellore
- B.E. from Anna University, Chennai

#### Experience

- Teaching - 8+ Years
- Research - 1+ Years
- Industry - 2+ years

## ATAL workshop on Internet of Things

**Prof. KVSG Muralikrishna, Professor of Civil Engineering & DIRECTOR Green Campus Initiatives, JNTUK, Kakinada.**



- Professor of Civil (Environmental) Engineering & DIRECTOR Green Campus Initiatives Jawaharlal Nehru Technological University
- Founder Principal, University College of Engineering, UCEN JNTUK, Narasaraopet, AP, India
- Member SEAC [State Experts Appraisal Committee for A.P.]
- Expert for Technical & Economic Appraisal HPCSAC

#### **Awards**

- Best Teacher Awardee-2015 by Govt. of Andhra Pradesh, India

**Mr. Bhavani Shankar Surabhi, Executive Manager at Efftronics Systems Pvt. Ltd., Vijayawada**



#### **Development Projects Involved**

- Smart Railways
- Smart Cities
- Smart Buildings
- IoT Solutions for Industries

#### **Experience**

- Executive Manager, R&D : Since Dec 2012
- Project Manager, R&D : Dec 2011 – Dec 2012
- Project Lead, R&D : Jul 2010 – Nov 2011
- Embedded Engineer : Aug 2006 – Jun 2010

**Dr. Pathipati Srihari, Associate Professor, ECE, NIT, Surathkal, Karnataka.**



#### **Education**

- PhD from Andhra University, Visakapatnam
- M.S. from University of Plymouth, England, UK
- B.Tech from SV University, Tirupathi

#### **Experience**

- Total Seventeen years of teaching and research experience.
- Currently working at National Institute of Technology Karnataka (NITK), Surathkal.

## ATAL workshop on Internet of Things

**Er. Rama Krishna.K, Senior Design Engineer, Xilinx.**



- Expertise in Embedded Linux, Kernel programming, Device drivers.
- Currently working as Senior Design engineer in Xilinx.

### **Experience**

- 14+ years of experience in Embedded software development in Embedded, Storage and networking domain

**Er. Madhu.P, Director & Strategist, madBlocks Technologies Pvt. Ltd.**



### **Experience**

- madBlocks Technologies Pvt Ltd.  
Director - Marketing & Strategy
- Tech Strategist for 7 startups on IoT, & Drones.
- Mentor for Atal Tinkering Lab, NITI Ayog
- Trained/Mentored more than 180000+ students.
- Trained/Mentored more than 5000+ faculties.
- Conducted 500+ workshops/bootcamps.
- Visited 100+ colleges across India.
- Conducted 50+ Faculty Development Programs.
- Part of IoT Council, United Kingdom
- Part of IoT Software Group, Singapore
- Certified by RCSA, Canada
- Certified by IRC, Japan

**Er. Ramakrishna Dutt CH G, Staff Software Engineer - Embedded Systems, Enphase Solar, Bangalore.**



- Currently working on Developing & Automating Embedded API's for Solar based Gateway product that has complete solution for Roof Top based Solar Inverter.
- Visited the USA, New Zealand, Singapore on Official visits for making Design requirements of the projects..

### **Experience**

- 10+ years together in Academic & Industry.

## ATAL workshop on Internet of Things

**Er. Anil Kumar.B, Technical Manager, Germany.**



- Embedded developer for Industrial camera systems.
- Promoted to Technical Sales Manager for key accounts in Automotive sector.
- Work profile involves supporting customers in architectural level of integrating SerDes devices in system level of customers.

**Dr. Kota Naga Srinivasa Rao Batta, Assistant Professor, ECE, NIT, Warangal.**



**Education**

- PhD from IIT, Kharagpur
- M.Tech. from IIT, Kharagpur

**Experience**

- Total 11+ years of teaching and research experience.

# ATAL workshop on Internet of Things

## Program schedule of the workshop:

A 5 Day National Level Online AICTE Training And Learning Academy (ATAL) Sponsored

*Faculty Development Programme On*

*Internet of Things (IoT)*

7<sup>th</sup> - 11<sup>th</sup> December 2020.

Organized by

Department of Electronics and communication Engineering

**Programme Schedule**



	Inaugural Function	Session 1	Session 2	Session 3	Validictory Function
Date	9.00AM - 10.00AM	10AM - 11.30AM	11.30AM - 1.00PM	2.00PM - 3.30PM	3.30PM - 4.30PM
7 <sup>th</sup> Dec 2020	Keynote Address by <b>Chief Guest,</b> Er. Vikas Murli Kyatsandra, Principal Design Engineer, ARM, Bangalore	Dr. K. Solomon Raju, Senior Principal Scientist & Group Leader, Societal Electronics Group, CSIR-CEERI, Pilani System Design Issues for Internet of Things (IoT) Applications	Dr.M.Kamaraju, Professor & Mentor (AS&A), Gudlavalleru Engineering College, Gudlavalleru Introduction to Embedded Systems: IoT	Dr. Sachin Chaudhari, Associate Professor, IIT Hyderabad Signal Processing and Machine Learning for IoT applications	---
8 <sup>th</sup> Dec 2020	---	Dr.B.Laxmi, Professor, ECE, NIT, Warangal IoT Communication Protocols	Dr.Eswaramoorthy K V, Faculty of Electronics Engineering IITDM- Kurnool, IITDM-Kancheperam Campus, Chennai Powering IoT Devices	Dr. KVSG Murali Krishna, Professor of Civil Engineering & DIRECTOR Green Campus Initiatives Jawaharlal Nehru Technological University, Kakinada Leadership, Human Values and Ethics	---
9 <sup>th</sup> Dec 2020	---	Er. Bhavani Shankar.S, Executive Manager, Efftronics Systems Pvt. Ltd., Vijayawada IoT Edge Processing	Dr.P.Srihari, Associate Professor, ECE, NIT, Surathkal, Karnataka RADAR sensors for IoT applications	Er. Rama Krishna.K, Senior Design Engineer, Xilinx Data Caching for IoT Networks	---
10 <sup>th</sup> Dec 2020	---	Er Madhu.P, Director & Strategist, madBlocks Technologies Pvt Ltd IoT Application Development using Raspberry Pi, Python Case Study1: IoT Weather Monitoring System using Thingspeak IoT Cloud Case Study2: IoT Smart Bulb using Thingspeak IoT Cloud and Android App Case Study3: Agricultural & Soil Prediction Analysis using IoT and Machine Learning			---
11 <sup>th</sup> Dec 2020	---	Dr B.K.N.Srinivasa Rao, Assistant Professor, ECE, NIT, Warangal Machine Learning For IoT Applications	Er. Ramakrishna Dutt CH G, Software Engineer - Embedded Systems, Enphase Solar, Bangalore IoT - Solar Power Application	Er. Anil Kumar.B, Technical Sales Manager, Germany IoT Trends in Automotive Industry	Validictory Function

## ATAL workshop on Internet of Things

Department of ECE organized a 5 - Day National Level AICTE Training and Learning (ATAL) Academy Sponsored Online Faculty Development Programme (FDP) On Internet of Things (IoT) during 7th - 11th, December 2020 in a grand way.

Coordinator of the FDP Dr. M. Kamaraju, started the inaugural session with opening remarks followed by speech from the Vice-Principal, Academics, Dr. M. R. Ch. Sastry, Vice-Principal, Administration, Dr. P. Kodanda Rama Rao and Principal, Dr. GSNRV Prasad. Er. Vikas Murli Kyatsandra, Principal Design Engineer, ARM, Bangalore was invited as Chief Guest and keynote address speaker on the inaugural function.

Thirteen resource persons among whom six were from industry and seven from academics shared their knowledge by delivering their talk on different topics related to IoT during five days of FDP. A total of 14 technical sessions and one session on Leadership, Human Values and Ethics were organized.

On the first day, first session was taken by Dr. K. Solomon Raju, Senior Principal Scientist & Group Leader, Societal Electronics Group, CSIR-CEERI, Pilani on the topic “System Design Issues for Internet of Things (IoT) Applications”, second session was taken by Dr. M. Kamaraju, Professor & Mentor (AS&A), Gudlavalluru Engineering College, Gudlavalluru, on the topic “Introduction to Embedded Systems: IoT”, third session was taken by Dr. Sachin Chaudhari, Associate Professor, IIIT Hyderabad, on the topic “Signal Processing and Machine Learning for IoT applications”,

On the second day first session was taken by Dr. B. Laxmi, Professor, ECE, NIT, Warangal on the topic “IoT Communication Protocols”, second session was taken by Dr. Eswaramoorthy K V, Faculty of Electronics Engineering IIITDM-Kurnool, IIITDM-Kancheipuram Campus, Chennai, on the topic “Powering IoT Devices”, third session was taken by Dr. KVSG Murali Krishna, Professor of Civil Engineering & DIRECTOR Green Campus Initiatives, Jawaharlal Nehru Technological University, Kakinada, on the topic “Leadership, Human Values and Ethics”,

On the third day first session was taken by Er. Bhavani Shankar S, Executive Manager, Efftronics Systems Pvt. Ltd., Vijayawada, on the topic “IoT Edge Processing”, second session was taken by Dr. P. Srihari, Associate Professor, ECE, NIT, Surathkal, Karnataka on the topic “RADAR sensors for IoT application” third session was taken by Er. Rama Krishna K, Senior Design Engineer, Xilinx on the topic “Data Caching for IoT Networks”

On the fourth day all the three sessions was taken by Er Madhu P, Director & Strategist, madBlocks Technologies Pvt Ltd. on the topic “IoT Application Development using Raspberry Pi, Python” and

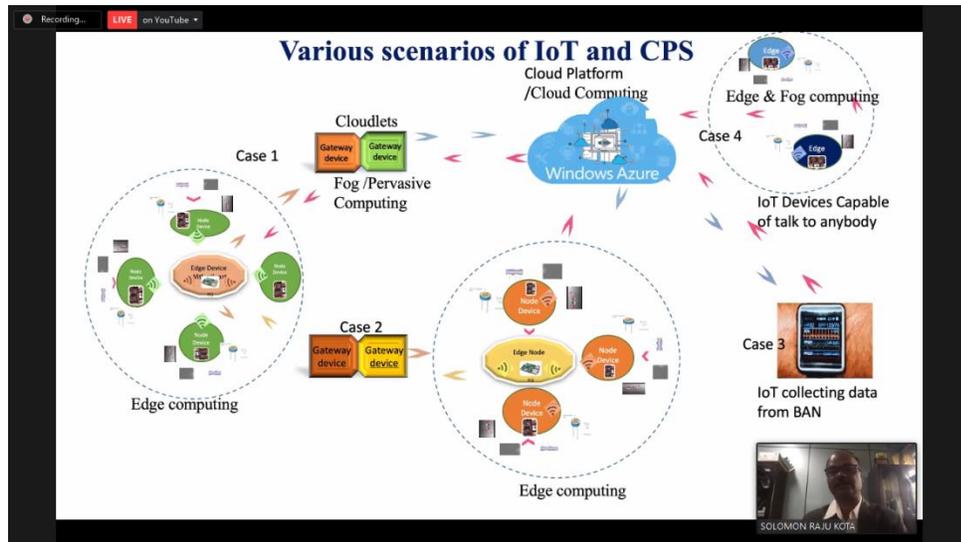
On the fifth day first session was taken by Dr. B.K.N. Srinivasa Rao, Assistant Professor, ECE, NIT, Warangal on the topic “Machine Learning For IoT Applications”, second session was taken by Er. Ramakrishna Dutt CH G, Software Engineer - Embedded Systems, Enphase Solar, Bangalore, on the topic “IoT - Solar Power Application”, third session was taken by Er. Anil Kumar B, Technical Sales Manager, Germany, on the topic “IoT Trends in Automotive Industry”.

A total of 199 Participants from 18 states were registered and got benefitted out of this FDP. On the last day of FDP Valedictory function was organized in which Coordinator of the FDP Dr. M. Kamaraju, presented closing remarks followed by participants shared their feedback regarding the experts and content delivered by the experts in the FDP.

# ATAL workshop on Internet of Things

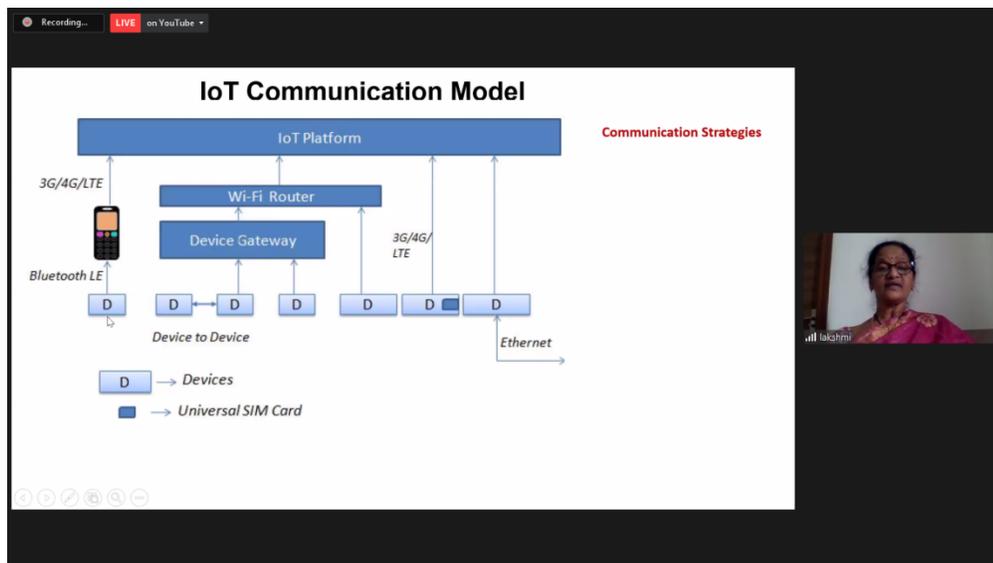
## Screen Shots of the Programme

### Day 1 (7<sup>th</sup> Dec 2020)



Dr. K. Solomon Raju, Senior Principal Scientist & Group Leader, Societal Electronics Group, CSIR-CEERI, Pilani, delivering lecture during Session 1 of Day 1 (7.12.20)

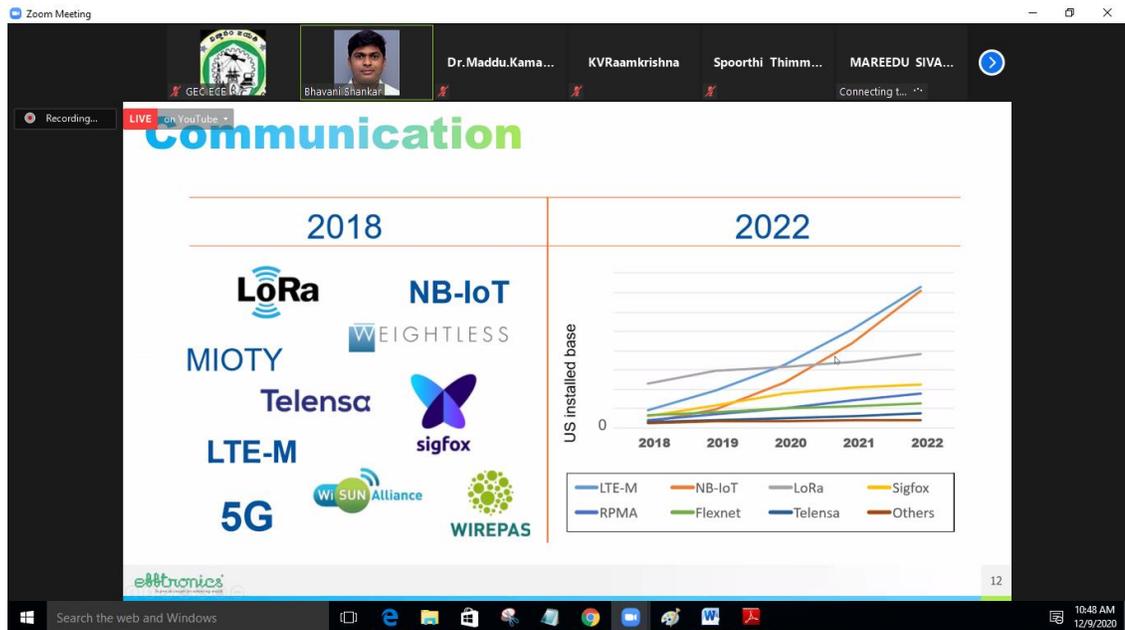
### Day 2 (8<sup>th</sup> Dec 2020)



Dr.B.Laxmi, Professor, ECE, NIT, Warangal, delivering lecture during Session 1 of Day 2 (8.12.20)

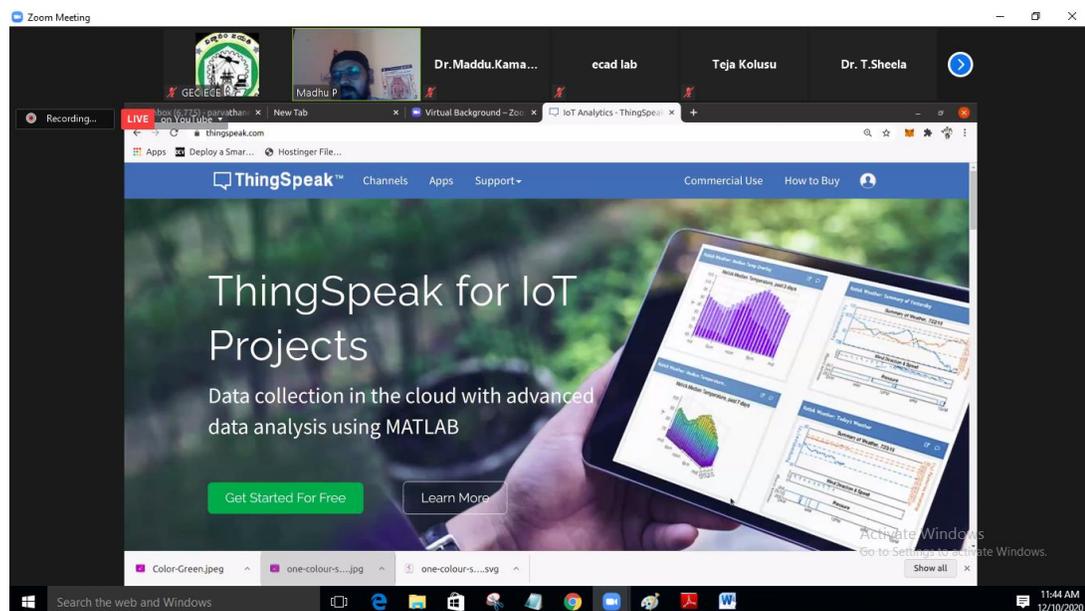
# ATAL workshop on Internet of Things

## Day 3 (9<sup>th</sup> Dec 2020)



Er. Bhavani Shankar S, Executive Manager, Efftronics Systems Pvt. Ltd., Vijayawada, delivering lecture during Session 1 of Day 3 (9.12.20)

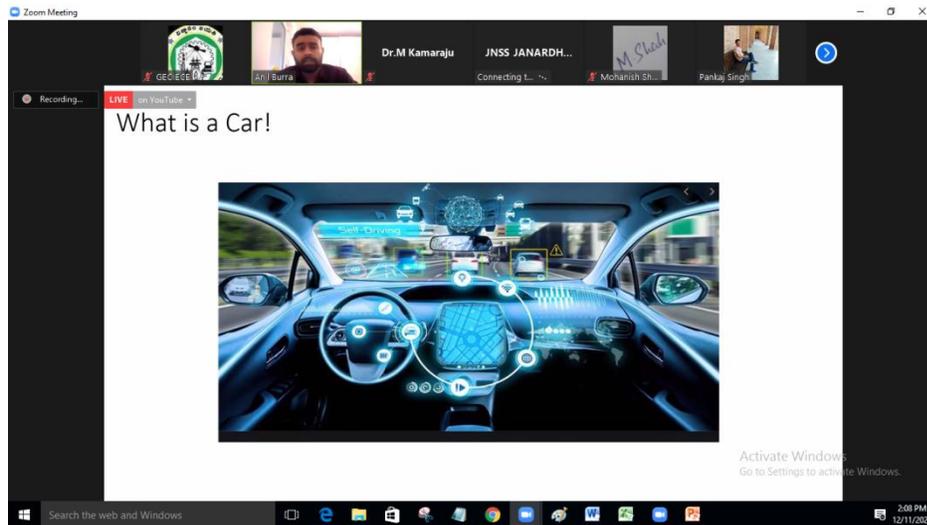
## Day 4 (10<sup>th</sup> Dec 2020)



ErMadhuP, Director & Strategist, madBlocks Technologies Pvt Ltd, delivering lecture during Day 4 (10.12.20)

# ATAL workshop on Internet of Things

**Day 5 (11<sup>th</sup> Dec 2020)**

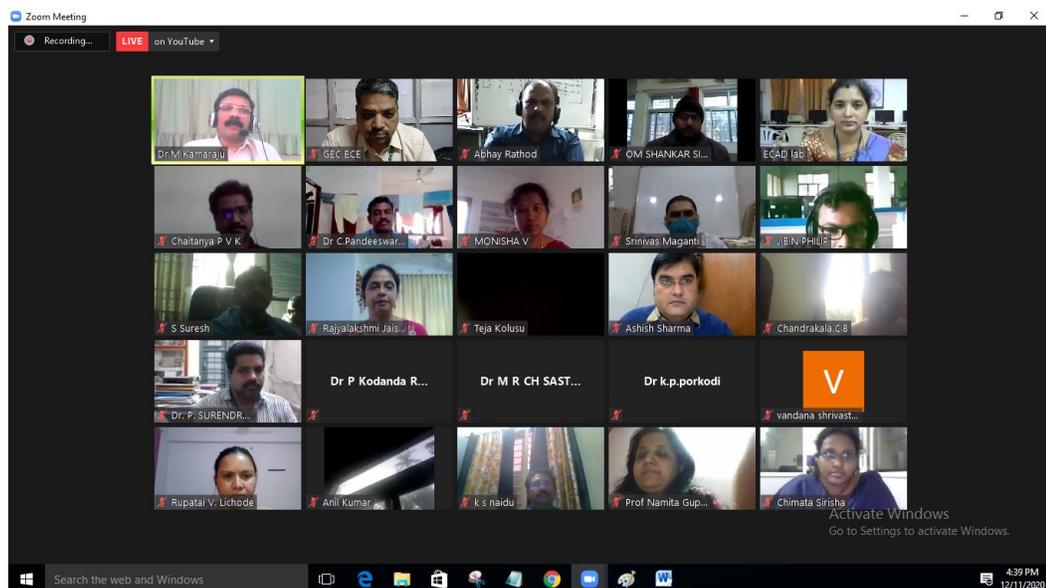


Er. Anil Kumar B, Technical Sales Manager, Germany, delivering lecture during Session 3 of Day 5 (11.12.20)



Participants giving feedback on the ATAL FDP on IoT during valedictory function (11.12.20)

## ATAL workshop on Internet of Things



Participants group photo during valedictory function (11.12.20)

### List of participants:-

S. No.	Name	Email	Phone	Institute
1	Dr. B Rajasekhar	surajb2000@gmail.com	9849128005	Gudlalleru Engineering College
2	Mr. P.CHANDRA PRAKASH REDDY	Pcprakashreddy@gmail.com	9676277826	Geethanjali college of engineering and technology
3	Mr. JNSS JANARDHANA NAIDU	janardhana.j@vishnu.edu.in	9010559720	Vishnu Institute of Technology
4	Mr. VARGIL VIJAY E	Vargilvijay@gmail.com	8328099776	Gudlalleru Engineering College
5	Mr. KARYAMPUDI RUSHENDRABABU	rushendrababu.k@gmail.com	9032400664	GUDLAVALLERU ENGINEERING COLLEGE
6	Mr. Sreenivasulu K N	sreeni1005@ncetmail.com	9035816216	Nagarjuna. college of Engineering and Technology
7	Mr. Yellamraju Sri Chakrapani	srichakrapani@gmail.com	9912629700	Gudlalleru Engineering College
8	Mr. Vishnu S	vishnuvn04@gmail.com	9746372002	Vignans Foundation for Science Technology and Research University
9	Mrs. SHABHANA BEGUM	shabanabegum2@gmail.com	7337497459	Gudlalleru Engineering College
10	Mr. SIVASANKAR S	siva2eng@gmail.com	9445453787	ANAND INSTITUTE OF HIGHER

## ATAL workshop on Internet of Things

				TECHNOLOGY
11	Mr. RAMAKRISHNA GURAJALA	ramagurajala@gmail.com	9908760019	Gudlavalleru engineering college
12	Dr. Rajalakshmi	ratsha2002@gmail.com	7448875441	PSG College of Technology
13	Mr. Seelam Srinivasarao	Srinivas.gdvl@gmail.com	9966435954	AANM&VVRSR polytechnic
14	Mr. B RADHA KRISHNA SINGH	bondilirk@gmail.com	9440717587	DVR&Dr HS MIC COLLEGE OF TECHNOLOGY
15	Dr. Premkumar Chithaluru	bharathkumar30@gmail.com	7060509299	UPES, Dehradun
16	Mr. Nalajala Lakshman Pratap	lakshmanpratap@kluniversity.in	9848466783	K L university
17	Mr. JAYADEVAN N M	jayadevannamangalam@gmail.com	7907949799	KARPAGAM COLLEGE OF ENGINEERING
18	Dr. LEENA JASMINE	leena@velammal.edu.in	9710440175	Velammal Engineering College
19	Mr. N.Sambmurthy	sambanaga009@gmail.com	9247811774	GUDALVALLERU ENGINEERING COLLEGE
20	Mrs. Subhashini Tata	subhashinitata19@gmail.com	9493811529	Gudlavalleru Engineering College
21	Miss RIMPY CHABRA	rimpychabra@soa.ac.in	9938007988	ITER SOA
22	Dr. Juhi Gupta	dr.juhi79@gmail.com	7042864513	Z.A. Dental College, AMU
23	Dr. S RAVI	ravi.vlsi29@gmail.com	9842469804	Gudlavalleru Engineering College
24	Miss Muppidi Deepikakrishna	deepikakrishna5555@gmail.com	9391248330	Gudlavalleru Engineering College
25	Mrs. G.Naga Sandhya Devi	sandhya031@gmail.com	9666457429	Gudlavalleru Engineering College
26	Miss Salma Sultana	md.salmasultana@gmail.com	9652957379	Gudlavallerru Engineering College
27	Mrs. Jyothirmai Garapati	jyothirmaigarapati2015@gmail.com	8723016517	Gudlavalleru Engineering College
28	Mr. P. RAMA KRISHNA	rk9.mnnit@gmail.com	8501991914	GUDLAVALLERU ENGINEERING COLLEGE
29	Dr. K N PRAKASH	drprakashece@gmail.com	9440288167	Gudlavalleru Engineering College
30	Mr. Trinadh Rajanala	thrinath.vrajs@gmail.com	8099122490	Sir C.R.Reddy College of Engineering

## ATAL workshop on Internet of Things

31	Dr. RAJENDRA BABU CHIKKALA	chikkalarajendra@gmail.com	7702369698	Andhra Loyola Institute of Engineering and Technology
32	Mrs. RAMADEVI MAKINENI	ramamakineni@gmail.com	9000838646	Malineni Perumallu Educational Society's Group of Institutions
33	Mr. AKULA MALLAIAH	malli797@gmail.com	7416757609	Gudlavalleru Engineering college
34	Mr. Y Y NARAYANA REDDY	yynarayanareddy@gmail.com	8978667282	Malineni Perumallu Educational Society's Group of Institutions
35	Mr. K NAGABRAHMA CHARI	karne.nb@gmail.com	9440474879	Malineni Perumallu Educational Society's Group of Institutions
36	Mrs. K SRILAKSHMI	slkaza06@gmail.com	9701575777	GUDLAVALLERU ENGINEERING COLLEGE
37	Dr. Y.SYAMALA	coolsyamu@gmail.com	9441748416	GUDLAVALLERU ENGINEERING COLLEGE
38	Mr. RAMU GARUGUBILLI	ram.garugubilli@gmail.com	9154504040	Avanthi Institute of Engineering and Technology
39	Miss Loya Lakshmi Praneetha	l.l.pranitha64@gmail.com	8179272988	Gudlavalleru Engineering College
40	Mr. Nasana Rameshbabu	n.baburamesh@gmail.com	9492904696	ST. Mary's Women's Engineering College
41	Mr. VALLURUPALLI MURALIMOHAN	muralimohanv@famt.ac.in	9423291789	Finolex Academy of Management And Technology
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It was a great Initiative by ATAL Academy. I am thankful to AICTE for giving me this opportunity to conduct online FDP for faculty members of technical institute of India free of cost. I got huge response for registration as well as lots of compliment of arranging the online workshop and for content.

**GUDLAVALLERU ENGINEERING COLLEGE**

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru – 521356, Krishna District (A.P.)

**Department of Electronics and Communication Engineering**

**UTILIZATION CERTIFICATE FOR THE FINANCIAL YEAR 2020-2021**

Name of the Scheme under which Grant was sanctioned ATAL FDP

AICTE File No. : F. No. 01\_/AICTE/ATAL-HQ/2020-211052(2)

Name of Coordinator : Dr. M. Kamaraju

Dates of the Programme : 7<sup>th</sup> – 11<sup>th</sup> December 2020

Title of the ATAL Programme : Internet of Things

Sl. No.	AICTE Sanction Order/Letter No. & Date under which grant was sanctioned	Amount (Rs.)	
1.	F. No. 01_/AICTE/ATAL-HQ/2020-211052(2) 2 <sup>nd</sup> December 2020	93,000	Certified that out of the grant-in-aid of Rs. 93,000 (Ninety three thousand) sanctioned by the AICTE during the financial year 2020-2021 in favour of Gudlavalleru Engineering College as per letter mentioned in the margin, Rs. NIL on account of unspent balance of previous year, Rs. NIL on account of other income / receipts, a sum of Rs. 93,000 has been utilized for the purpose for which it was sanctioned and the balance of Rs. NIL remained unutilized at the end of the year.

Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

**Kinds of checks exercised: -**

- Audited Annual Accounts of the Institute
- Receipt and Payment account
- Periodical Progress Reports.

(1). Name, Signature & Address of the Claimant/Awardee/Coordinator with seal: **Dr. M. KAMARAJU**

Professor  
Dept. of Elect. & Commn. Engg  
Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLERU-521 356

2). Signature of Chartered Accountant:

Name of Chartered Accountant:

Membership No:

Rubber stamp:

**B. Sathyanarayana Murthy, B.Com., F.C.A.**

Date: M.No: 7189

Partner: M/s. Siva Krishna & Narayan

Chartered Accountants

ICAI Regn. No: 0038839

(3). Signature of Head of the Institute:

Name & Designation of the Head of Institute:

Rubber stamp:

Full Address:

Date: 18-01-2021

PRINCIPAL

Gudlavalleru Engineering College

GUDLAVALLERU-521356



(4). Signature of the Finance Officer/Accounts Officer:

Name of the Finance Officer/Accounts Officer:

(If it is Govt./Govt. Aided Institute)



**GUDLAVALLERU ENGINEERING COLLEGE**  
 (An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
 Seshadrirao Knowledge Village::Gudlavalleru



*One Week AICTE-ISTE sponsored Online Induction Programme*

on

*"Millimeter Wave Frequencies"*

16 – 21 November 2020

**SCHEDULE**

Date / Week Day	Forenoon (10.00 AM to 12.00 Noon)		Afternoon (02.00 PM to 04.00 PM)		Evening (04.15 PM to 06.00 PM)
16.11.2020 Monday	<b>Dr. NVSN Sarma, Director, IIT Tiruchirapalli</b> Overview of Millimeter wave frequencies	<b>L U N C H  B R E A K</b>	<b>Dr. S. Yuvaraj, NIT AP</b> Recent Trends in Millimeter (THz) Wave Vacuum Electronic Beam Devices	<b>T E A  B R E A K</b>	<b>Hands on Session HFSS Software</b> <b>Internal Resources</b>
17.11.2020 Tuesday	<b>Prof. L. Anjaneyulu, NITW</b> Antennas for Millimetric wave Applications		<b>Prof. L. Anjaneyulu, NITW</b> Millimetric Wave Automotive and Military Systems		<b>Hands on Session HFSS Software</b> <b>Internal Resources</b>
18.11.2020 Wednesday	<b>Dr. D. Vijaya Lakshmi, Psychologist</b> Balancing personal and professional life in the Pandemic.		<b>Dr. M. Lakshmi Narayana Scientist -H (Retd.), DRDO</b> Application of Millimeter Wave Frequencies		<b>Hands on Session HFSS Software</b> <b>Internal Resources</b>
19.11.2020 Thursday	<b>Dr. M. Lakshmi Narayana Scientist -H (Retd.), DRDO</b> Millimeter Wave Phased Array Antennas		<b>Siddhartha P. Dutta Gupta IIT Bombay</b> Design, Fabrication, Test and Applications in RF and Tera-Hz		<b>Hands on Session HFSS Software</b> <b>Internal Resources</b>
20.11.2020 Friday	<b>Prof. B. Ghosh, IIT Kgp</b> Dielectric Resonator Antennas - Analysis and design		<b>Mrinal K. Mandal, IIT Kgp</b> Electronic switches at mmw frequencies		<b>Hands on Session HFSS Software</b> <b>Internal Resources</b>
21.11.2020 Saturday	<b>Mrinal K. Mandal, IIT Kgp</b> Packaging and interconnects in mmw technology		<b>Hands on Session HFSS Software</b> <b>Internal Resources</b>		<b>Online Test followed</b> <b>Valedictory</b>

**Dr. Y. Ramakrishna**  
Coordinator

**b. List of resource persons invited with full address, contact details, brief resume and topics concerned etc.**

**1. Dr. NVSN Sarma, Director, IIIT, Tiruchirapalli,  
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**Brief Resume:** Dr NVSN Sarma obtained his Masters and Doctoral degrees from Indian Institute of Technology, Kharagpur in the years 1985 and 1992 respectively after his Bachelor's degree in Engineering with specialization Electronics and Communications Engineering from JNTU College of Engineering, Kakinada, Andhra Pradesh in 1984.

He worked at Tata Institute of Fundamental Research, Mumbai for a brief period from Feb1986 to July1987.

He has been with the Department of Electronics and Communications Engineering at Regional Engineering College/National Institute of Technology, Warangal, India at various positions since 1990. He was Head of the department during Sept 2006 to Feb 2009 and again from Feb 2013 to Feb 2015. He was the Dean (Academic Affairs) of the institute during 2016 and 2017. His areas of interest include sensor networks, numerical electro-magnetics and antenna arrays.

He has been the recipient of Best Researcher Award of NIT Warangal for the year 2016. Six students were awarded with Doctorate degrees under his guidance. About 90 papers are at his credit in International and National journals and conferences. He visited USA, UK, Malaysia and Mauritius to present his papers and on some assignments. He delivered lectures at international universities and chaired sessions at international conferences. Presently, Dr. Sarma has been appointed as Founder Director of IIIT Tiruchirappalli.

**Topics Covered:** Overview of Millimeter wave frequencies

**2. Dr. S. Yuvaraj, Asst. Professor, NIT AP  
yuvarajs@nitandhra.ac.in, 8090673100**

**Brief Resume:** Dr. S. Yuvaraj received the B.E. degree in electronics and communication engineering from PSNA College of Engineering and Technology, Dindigul, India, in 2011, and the M.Tech. degree in microwave engineering from IIT (BHU) Varanasi, Varanasi, India, in 2014. He received the Ph.D. degree with the specialization in RF and Microwave Engineering from IIT Roorkee, Roorkee, India. Currently he is working as an Assistant Professor at NIT Andhra Pradesh, Tadepalligudem, India. His current research interests include design of millimeter/THz wave vacuum electron devices, design of microwave/millimeter wave circuits and antennas.

**Topics Covered:** Recent Trends in Millimeter (THz) Wave Vacuum Electronic Beam Devices

**3. Prof. L. Anjaneyulu, Professor and Head, NIT Warangal  
anjan@nitw.ac.in, 8332969355**

**Brief Resume:** Prof. L. Anjaneyulu completed B. Tech in 1989 from Nagarjuna University, M. Tech in 1991 from NIT (then Regional Engineering College) Warangal. He completed PhD also from the same institute in the area of Radar Signal processing.

Prof. L. Anajaneyulu Worked as Project Officer at Institute of Armament Technology (Now Defence Institute of Armament Technology), PUNE of Defence Research & Development Organisation (DRDO), and involved in the Design and Development of Airborne and Surface borne RADAR Systems during 1991 – 1995.

He Worked as Staff Scientist at Helios systems, Madras , and involved in the development of software modules for RADARs of Indian Navy's War Ships for Radio wave propagation assessment during 1995 - 1997

Since 1997, he is With Department of ECE, NIT, Warangal and currently he is the Head of ECE department. So far he is having a total teaching experience of 23 years and 6 years of R&D

Prof. L. Anajaneyulu Published 50 research papers in International Journals, 45 papers in International IEEE conferences. He has guided 4 PhDs successfully and three more PhD works are going on.

**Topics Covered:** Antennas for Millimetric wave Applications  
Millimetric Wave Automotive and Military Systems

**4. Dr. D. Vijaya Lakshmi, Psychiatrist, Art of living Trainer, Kakinada,  
[dr.dameravijayalakshmi@gmail.com](mailto:dr.dameravijayalakshmi@gmail.com), 9848536433**

**Brief Resume:** Dr. Damera Vijayalakshmi is working as Psychologist, dealing with challenges with Child, Youth, Adults, and Aged people. She is also the principal of Pragathi College of Education, Peddapuram, since 2010. **She has the following abilities to her credit:** Effective Psychological Counsellor for Child, Youth, Adults. Successful designing and implementation of Educational Reforms. Resourceful Leadership in various Social Projects. Published Academic Books, Self Help and Educational DVDs. Pscho-Legal Counseling and Advisor. Master Practitioner of Neuro Linguistic Programming 2012. **Awards and achievements:** Venus International Women Awards 2018, 3rd Annual Women's Meet: Distinguished Women Award. REEA 2018, Awards: Best Woman Researcher Award by CSERD,UK, India. Best Paper Presentation Gold Medal at National Conference on Quality Education For Human Excellence at Adi Kavi Nannayya University. Outstanding Best President and Best Secretary of Lions Club Kakinada. Received Outstanding Awards at Lions Club, Zone, Regional and District Level. Lions International Presidents Appreciation Certificate 2004-2005. Lions International Presidents Appreciation Certificate 2005-2006. Felicitations by various organizations like JNTU, Lions, N.G.O.'s, and other service organizations.

**Topics Covered:** Balancing personal and professional life in the Pandemic.

**5. Dr. M. Lakshmi Narayana, Scientist - H (Retd.), DRDO, Hyderabad,  
[Inmerugu@ieee.org](mailto:Inmerugu@ieee.org), 94408 05818**

**Brief Resume:** Dr. Lakshminarayana did B. Tech in Electronics and Communication Engineering (ECE) from JNTU, Hyderabad in 1978, M. Tech in Microwave and Radar Engineering from IIT Kharagpur in 1980, Ph. D from Queen's University of Belfast, United Kingdom on Commonwealth Fellowship during Sep 1988 and Dec 1991.

Dr. Lakshminarayana joined **Defence Electronics Research Laboratory, DLRL, DRDO**, Hyderabad, as Scientist 'B' in Jan 1981. Over 34 years in DRDO, he immensely contributed towards indigenous development of antennas and microwave components for various projects; and shouldered the responsibility of execution of Electronic Warfare Projects and Programmes. Significant assignments he held include:

- As Project Director, and subsequently as Associate Programme Director, he successfully completed the indigenous development and production of Radar Electronic Warfare System for Indian Army.
- He was Project Director for indigenous development of Advanced Communication ESM Technologies, achieved some reduction of gap in self-reliance.
- He was responsible for successful flight-testing of Communication Support Measure (CSM) System on an Aircraft.
- Dr. Lakshminarayana was Programme Director of Naval Indigenous Electronic Warfare Programme.

With 34 years of R&D experience, Dr Lakshminarayana superannuated from DRDO service in April 2015 as **Scientist 'H' (Outstanding Scientist) & Associate Director DLRL**.

Dr. Lakshminarayana is a Fellow of Institution of Electronics and Telecommunication Engineers (IETE), Fellow of Institution of Engineers (India) (IE(I), Member of AOC, Member of ACM, and a Senior Member of Institution of Electrical and Electronics Engineers, (IEEE) USA. During 1997-2006, he served IETE Hyderabad Centre as Hon. Treasurer, Hon. Secretary and Vice Chairman. During 2008 to 2019, He served IEEE Hyderabad Section as Secretary, Chairman of MTT/AP/EMC Joint Societies Chapter, Vice Chairman, Chairman and Chair Nomination Committee of IEEE Hyderabad Section.

**Topics Covered:** Application of Millimeter Wave Frequencies

Millimeter Wave Phased Array Antennas

## **6. Dr. Siddhartha Dutta Gupta, Professor, IIT Bombay**

**[sdgupta@ee.iitb.ac.in](mailto:sdgupta@ee.iitb.ac.in), 9833886730**

**Brief Resume:** Dr. Siddhartha Prakash Duttagupta obtained B. Tech (Honors) in Electronics and Communication Engineering from the Indian Institute of Technology, Kharagpur, India, and MS and PhD in Electrical and Computer Engineering (*dissertation title: Porous Silicon based Optoelectronic Integrated Devices: Materials characterization, Fabrication and Testing*) from the University of Rochester, Rochester, New York, USA.

Dr. Duttagupta has previously held the position of Assistant Professor in Electrical and Computer Engineering, Boise State University, Idaho, USA, and also Director of Technology, Solar Integrated Technologies, Los Angeles, USA. At present he is an Associate Professor in Electrical Engineering at the Indian Institute of Technology Bombay, Mumbai, India. While being involved in academics, he has also been associated with start-up ventures in India and in the USA with focus on **nano-fabrication process** led solutions for **renewable energy**.

Dr. Duttagupta's research interests are in(i) Micro/Nano-fabricated devices- Optimization and Application, and

(ii) Integrated Electronic Systems-Design and Deployment. Dr Duttagupta holds four **US patents** (2020, 2018) and four **Indian Patents** (2020, 2019, 2018, 2016) in Micro/Nano-scale Transducers and in Green Power Circuits and Systems. He has authored **five monographs** on platform technologies in Fuel Cells, Body Area Sensing, Non Uniform Image Mapping, and Precision Cooling. The impact of **157 publications** is reflected in **5240 citations** (ref. Google Scholar) including *six publications with 100 or more citations*.

Dr.Duttagupta has been actively involved in the development of Research Centers of Excellence based in India and in the USA. He has also been engaged in R&D activity sponsored by organizations such as the **Rutherford Appleton Laboratory (UK)**, NSF (USA), **DBT (India)**, **Nipro (Japan)**, and **Tata Consultancy Services (India)**.

**Topics Covered:** Design, Fabrication, Test and Applications in RF and Tera-Hz

## 7. Dr. Bratin Ghosh, Professor, IIT Kharapur

**[bghosh@ece.iitkgp.ac.in](mailto:bghosh@ece.iitkgp.ac.in), 91-3222-283534**

**Brief Resume:** Bratin Ghosh is working Professor in the department of Electronics and Electrical Communication Engineering, Indian Institute of Technology, Kharagpur. He is an accomplished researcher in the field of Electrical and Computer Engineering.

- Engaged in leading edge research in Green's function based computational techniques and design and analysis of efficient antennas, miniaturized antennas and metamaterials.
- Invited speaker, Technical Program Committee member and Session Chair in various national and international conferences.
- Serve in the review board of prominent national and international journals in Microwave Engineering. Editorial board member for the Journal of Microwave Engineering and Technologies.

### **Prof. Ghosh completed**

- Post Doctoral from the Royal Military College of Canada.
- PhD in 2002 from the university of Manitoba – Winnipeg, Canada
- Master of Technology with specialization Microwave Engineering in 1994 from Indian Institute of Technology – Kharagpur, India
- Bachelor of Electronics & Telecommunication Engineering in 1990 from Jadavpur University – Calcutta, India

### **Professional experience of Prof. Ghosh**

Prof. Ghosh worked in industry both in India and abroad for about 8 years at various positions before he joins IIT Kharagpur in 2005.

### **AWARDS / SCHOLARSHIPS**

- University of Manitoba Graduate Fellowship, 1997
- Medal of Honour, Defence Electronics Applications Laboratory, 2010
- Medal of Honour, Indian Navy, 2010.

## MEMBERSHIP

Senior Member, Institute of Electrical and Electronic Engineers (IEEE), USA.

## REVIEWER/INVITED REVIEWER FOR THE FOLLOWING JOURNALS:

- IEEE Transactions on Antennas and Propagation.
- IEEE Antennas and Wireless Propagation Letters.
- IET Microwaves, Antennas and Propagation.
- Progress in Electromagnetics Research.

He has completed several research projects from DST, CSIR, DRDL, KCSTC, SERB, LRDE, Ministry of Defense (GoI) and DRDO.

**Topics Covered:** Dielectric Resonator Antennas - Analysis and design

**8. Dr. Mrinal Kanti Mandal, Associate Professor, IIT Kharapur, [mkmandal@ece.iitkgp.ac.in](mailto:mkmandal@ece.iitkgp.ac.in), 9734092899**

**Brief Resume:** Dr. Mrinal Kanti Mandal obtained B. Tech. and M. Tech. degrees from the Institute of Radiophysics and Electronics, University of Calcutta in 2001 and 2003, respectively, and PhD degree from the department of Electronics and Electrical Communication Engineering, Indian Institute of Technology Kharagpur in 2008. From 2007 to 2009, he worked as a Research Fellow in the Institute for Infocom Research, Agency for Science, Technology and Research, Singapore. **He also worked as a postdoctoral fellow in the University of Quebec in Montreal from 2009 to 2010 and in the Polytechnic School of Montreal from 2010 to 2012.** He joined IIT Kharagpur as a faculty of department of E and ECE in 2012, where he is presently serving as an associate professor.

Dr. Mandal is a senior member of IEEE (2013). He is in the editorial board of Wiley International Journal of RF and Microwave Computer-Aided Engineering. He was in the board of organizing committee members of several international conferences including Asia-Pacific Microwave Conference – 2016. He obtained MHRD national scholarships for excellence in secondary and under graduate examinations.

He has authored or co-authored over 110 journal and conference papers including 40 in different IEEE journals in the domain of microwave and millimetre-wave circuits and systems. He has also filed 11 patents. His present research interest is co-design of active and passive components and their application in reconfigurable antennas, millimetre-wave imaging systems, beam forming networks, Doppler radars and six-port receiver.

**Topics Covered:** Electronic switches at millimeter wave frequencies  
Packaging and interconnects in millimeter wave technology

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### **Brief information about program**

Name of the Program: One week AICTE-ISTE sponsored online Induction Program on **Millimeter - Wave Frequencies**

Schedule of the Program: 16.11.2020 to 21.11.2020

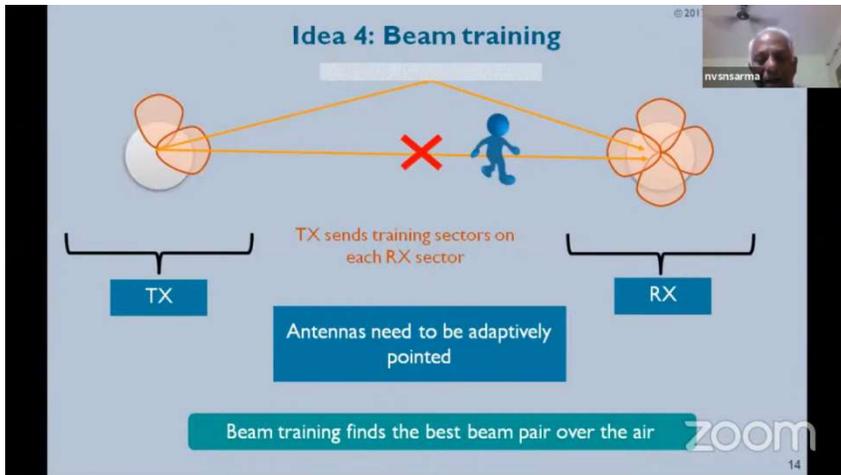
Organization: Gudlavalleru Engineering College, Andhra Pradesh

Coordinator: Dr. Y. Ramakrishna, Professor of ECE

**This** One week AICTE-ISTE sponsored online Induction Program on **Millimeter - Wave Frequencies** was inaugurated by **Dr. PRATAP SINH KAKASAHEB DESAI**, President, ISTE, New-Delhi.



**Dr. PRATAP SINH KAKASAHEB DESAI** in the inauguration program has reiterated the importance of continuous learning for everyone.



Dr. N. V. S. N. Sarma has given an overview of millimeter wave frequencies in which Dr. Sarma explained the need and the technological requirement to move to higher frequencies to achieve the applications in future.

### Fusion Tokamak

Figure: Schematic of International Thermonuclear Experimental Reactor (ITER) Tokamak

\*Figure taken from www.iter.org

#### Demonstration Power Plant (Commercial fusion prototype)

- 50 MW RF power with frequencies greater than 200 GHz.
- Multifrequency operation of gyrotron is preferred.

#### Gyrotron

- Aditya /SST-1 (Indian Tokamak) uses 42 GHz Gyrotron with 0.5 MW power.
- ITER Tokamak proposes to use 24 gyrotrons each operating at 170 GHz delivering 1 MW power.
- ASDEX-U (German Tokamak) uses 140 GHz 1 MW gyrotron.

Dr. S. Yuvaraj briefed the recent trends in Millimeter (THz) Wave Vacuum Electronic Beam Devices, which may be used as components in mm wave technology.

### Typical Applications (cont.)

microstrip antenna

DC supply  
Micro-D connector

LNA  
PD

fiber input with collimating lens

MPA  
filter  
K-connector  
diplexer

Microstrip Antenna Integrated into a System: HIC Antenna Base-Station for 28-43 GHz

(Photo courtesy of Dr. Rodney B. Waterhouse)

Prof. L. Anjaneyulu, has dealt with the antenna design for mm wave applications such as automotive and military systems.

**BALANCING PERSONAL AND PROFESSIONAL LIFE DURING THE PANDEMIC**

DR DAMERA VIJAYALAKSHMI PhD

Dr. Damera Vijayalakshmi, Psychologist, guide faculty to cope up with the work stress and how to maintain balance life between professional and personal life.

**PASSIVE PHASED ARRAY**

The diagram shows the following components and flow:

- Transmit Path:** Digital Signal Processor → Digital Receiver/Exciter → Transmit Amplifier → Analog Beamformer → Antennas.
- Receive Path:** Antennas → Duplexer → Receiver & Signal Processor → Digital Receiver/Exciter → Digital Signal Processor.
- Power Path:** High Power Transmitter → Duplexer → Antennas.

- Passive phased array architectures used in significant military radar systems:
  - The S-band Aegis phased array radar
  - the C-band Patriot radar
  - the X-band J-STARs

Dr. M. Lakshmi Narayana, extended the discussion of applications of mm wave frequencies and also discussed elaborately the mm wave phased array antennas.

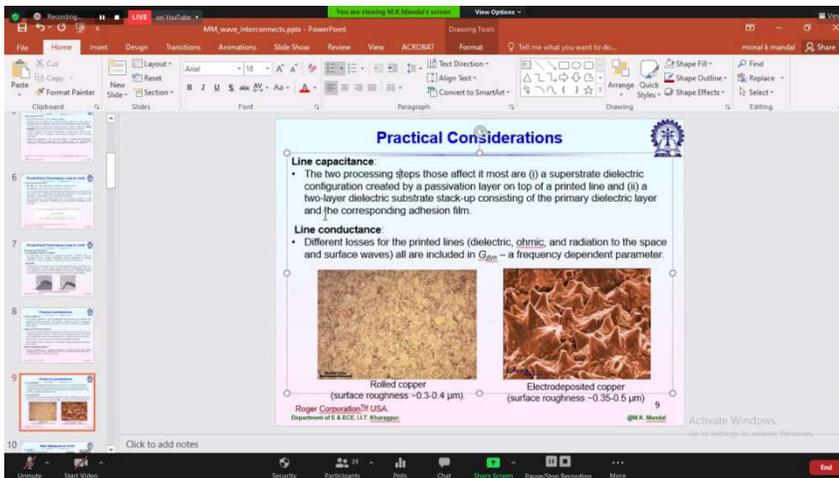
**Motivation and Scope**

- Integrated Micro Electronic Systems** - on-chip power, energy conversion, storage (DST, NPSPM)
- Green Power Source** - transient estimation, forecasting (DAE, DRDO)
- Network Health** - electronic skin, self-healing, grid security, edge computing (TCS, MCGM- Mumbai Corporation)
- Mobile Platform Application** - target-tracking, sensing, high resolution imaging (NUI Flux), wireless power transfer (US Army- AOARD, DRDO- NSTL, NMRL, ADRDE)

Dr. Siddhartha Dutta Gupta, discussed Design, Fabrication, Test and Applications in RF and Tera-Hz.



Dr. Bratin Ghosh, dealt with Dielectric Resonator Antennas - Analysis and design, which could be helpful for the faculty who is doing research to explore more to extend it into mm wave frequencies.



On the last day of the FDP, Dr. MrinalKanti Mandal has discussed in detail the Electronic switches at millimeter wave frequencies; Packaging and interconnects in millimeter wave technology.

All over, this FDP has cover the basic and important stages, the applications, components in which we can do research work to progress and to bring it to reality in future.

Participant Name	Designation	Institute Name	State	Your valuable feedback on 16-11-2020 FN Session	Your valuable feedback on 16-11-2020 AN Session	Your valuable feedback on 17-11-2020 FN and AN Sessions	Your valuable feedback on 18-11-2020 FN Session	Your valuable feedback on 18-11-2020 AN and 19-11-2020 FN Sessions	Your valuable feedback on 19-11-2020 AN Session	Your valuable feedback on 20-11-2020 FN Session	Your valuable feedback on 20-11-2020 AN and 21-11-2020 AN Sessions	How do you rate in overall, this One Week Programme	Do you face any issues while accessing /during the online sessions?	Are the questions related to technical concepts been answered to your satisfaction?	Did you get a prompt support for any issues from the organizers?
Dr P Sumithabh ashini	Professor	Samskruti College of Engineering and Technology	Telangana	4	4	4	4	4	4	4	4	4	Video and Audio are good	yes	yes
AJIT KUMAR SINGH	Research Scholar	IIIT RANCHI	JHARKHAND	4	4	4	4	4	4	4	4	4	Video and Audio are good	yes	yes
AMERA ANJUM	Research Scholar	Vellore Institute of Technology University	Andhra Pradesh	4	4	4	4	4	4	4	4	4	Video and Audio are good	yes	yes
V.RAJINIKANTH	Assistant Professor	ADHI COLLEGE OF ENGINEERING AND TECHNOLOGY	Tamil Nadu	3	4	3	4	4	4	4	4	4	NO	yes	yes
Mr. DHUPAM ARUN KUMAR	Assistant Professor	RAGHU INSTITUTE OF TECHNOLOGY (AUTONOMOUS),VISAKHAPATNAM	Andhra Pradesh	4	4	4	4	4	4	4	4	4	Video and Audio are good	No	No



# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, GUDLAVALLERU-521 356, Krishna District, A.P., India

(Approved by AICTE, New Delhi and Permitted by A.P. State Government)

Accredited by NAAC with 'A'Grade

NBA Accreditation: B.Tech - CSE for 5 Years and CE, EEE, ME, ECE & IT for 3 Years

Phone Nos. 08674-273737, 273888, Mobile: 9848779121 Fax No. 08674-273957

E-mail: principal@gecgudlavalleru.ac.in, office@gecgudlavalleru.ac.in, Web: www.gecgudlavalleru.ac.in

Date: 21.01.2021

To,

Director (FDC),  
AICTE, Nelson Mandela Marg,  
New Delhi – 110067.

Respected Sir,

**Sub:** AICTE Sponsored STTP (Phase-I, II & III) – Covering letter – Regarding.

**Ref:** 34-65/208/RIFD/STTP/Policy-1/2018-19, Dated 21/2/2020.

With the reference above, the department of Electronics and Communication Engineering of this college had successfully conducted **Short Term Training Programme (STTP) Phase-I, II & III** on “**Blockchain Architecture Design and Uses cases**” through online mode.

Thanking you Sir,

Yours sincerely,



Coordinator  
(Dr.Ch.Balaswamy)  
Professor

Dept. of Elect. & Commn. Engg.  
Gudlavalluru Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLERU-521 356

**Enclosures:**

1. DD No: 145055, dated: 31-12-2020 (Amount returned to AICTE: Rs.42,666/-)
2. Mandatory Relevant Documents of STTP (Phase I, II, & III) (in book form)

## All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)



### STTP- Sanction Letter

Ref. No. 34-65/208/RIFD/STTP/Policy-1/2018-19

Date 21 FEB 2020

To

The Drawing and Disbursing Officer,  
All India Council for Technical Education,  
Nelson Mandela Marg,  
Vasant Kunj, New Delhi - 110070

**Sub:** Release of grant for conduct of Short Term Training Programme (STTP) under AQIS 2018-19 during the financial year 2019-20- reg.

Sir,

This is to convey the sanction of the Council for payment of **Rs. 321666 /- (Rupees Three Lakh TwentyOne Thousand Six Hundred SixtySix Only)** for conduct of Short Term Training Program as per details given below:-

1.	Name and address of the beneficiary University / Institution	GUDLAVALLERU ENGINEERING COLLEGE , SESHADRI RAO KNOWLEDGE VILLAGE, GUDLAVALLERU-521356, KRISHNA DISTRICT, ANDHRA PRADESH KRISHNA-521356 Andhra Pradesh
2.	Permanent ID of Institute	1-8698977
3.	Institute type	Unaided - Private
4.	Name of Coordinator	Dr. BALASWAMY CHINTHAGUNTLA
5.	Amount sanctioned	Rs. 321666/-
6.	Amount to be released	Rs. 321666/- Full & final payment
7.	Head of account	<b>601.15(a) Gen. Short Term Training Programme (Plan)</b>
8.	The authorized officer in whose favour Cheque/ Demand Draft/ RTGS is to be made	REGISTRAR / DIRECTOR / PRINCIPAL
9.	Title of the programme	Blockchain Architecture Design and Use Cases

- The amount of the grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the grant-in-aid bill and shall be disbursed to and credited to the Registrar/ Director/Principal of the institute through RTGS.

2. This grant-in-aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

3. The Principal of the Institute and the Coordinator of the Program are requested to verify the correctness of the under-mentioned Bank Account / RTGS Details submitted by them alongwith the proposals, in which the grant is being released:-

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AACAG1307M	STATE BANK OF INDIA	GUDLAVALLE RU	MAIN ROAD, GUDLAVALLE, RU - 521 356, KRISHNA DISTRICT.	PRINCIPAL, GUDLAVALLE RU ENGINEERING COLLEGE	Current Account	35339635883	SBIN00014161

### Instructions/Guidelines to be followed by the University/Institution

#### I. Disbursement of funds to University/Institutions

- The full amount of the grant sanctioned is being released as advance to the University/Institute.
- The amount spent by the institute on the conduct of STIP shall be adjusted on the basis of utilization certificate and detailed expenditure statement submitted by the University/Institution on the prescribed format along with other mandatory documents viz feedback form, copy of proceedings and completion report etc.
- The above said amount of grant shall be refunded back to AICTE if the Letter of Approval (LOA) / Extension of Approval (EOA) is not issued by AICTE to the institute for the academic year 2019-20.

#### II. Maintenance of Accounts

- The Institute shall strictly follow the provisions laid down in the scheme document as available on the portal.
- Funds covered by this grant shall be kept separately and would not be mixed up with other funds so as to know the amount of interest accrued on the grant.
- The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure.
- The grant is intended to cover items of expenditure connected with the Short Term Training Programme such as Boarding & Lodging to the participants, TA to outstation participants, Honorarium to Course Coordinator, reading material to participants, Honorarium to resource persons, TA/DA to resource persons including two outstations resource persons & working expenses (reprographic services, postage, transport, daily wages, tea/coffee etc).

#### III. Conduct of test and issuance of certificate

A test shall be conducted by Program Evaluation Committee (PEC) at the end of the program and the certificates shall be issued to those participants who have attended the program and have qualified in the test.

#### **IV. Submission of Documents by the University/Institutions to AICTE**

a. The following mandatory relevant documents are required to be submitted by the University/Institution within one month of the completion of the program:-

- (i) Original Statement of actual expenditure & Utilization Certificate in the prescribed proforma duly signed by the Head of the institution and countersigned by Registrar/Finance Officer/Govt. Auditor. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed and sealed by a Chartered Accountant endorsing the membership number and complete postal address. Forimat for the same is available on AICTE web portal.

The University/Institution is not required to submit bills/vouchers/invoices etc for the expenditure incurred out of recurring grants. However, such copies of bills/vouchers/invoices shall be digitized by respective institutions receiving grant and uploaded scanned copies of such bills/vouchers/invoices etc on the portal for availability and view at any point of time.

- (ii) Feedback form in the prescribed proforma.
- (iii) Copy of the proceedings and completion report.
- (iv) List of candidates who have successfully completed the program on the basis of the test conducted by Program Evaluation Committee (PEC).
- (v) Report submitted by Program Evaluation Committee (PEC).

b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University/Institution. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid adjusted.

#### **V. General instructions**

- a. Preferably 10% of the participants may be industry professionals deputed by industry. Further, not more than 2 participants shall be from the host institution/group of institutions.
- b. Money to be reimbursed on the grant (for any reasons to include unspent amount, interest , penalty if imposed) shall be refunded back to AICTE in the form of Demand Draft payable to Member Secretary, AICTE, New Delhi.
- c. As AICTE needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.
- d. The STTP is a residential program of a duration of six days with minimum 40 participants. The approved STTP shall be conducted within three months from the date of release of funds.
- e. If programme is not conducted in the period of three months of the issuance of this Sanction Order, the released amount, alongwith interest accrued thereon, has to be necessarily returned back to AICTE within a month.

f. The expenditure under the Heads 'Honorarium to Course Coordinator' and 'Honorarium to Resource Persons' shall not exceed 1% & 20% respectively of the total sanctioned grant for the Programme. However, overall expenditure shall not exceed the funds sanctioned for the Programme.

g. Any extra money required to complete the programme must be borne by the institute from their own resources. But the quality of the activities should not be compromised.

h. Any unavoidable circumstantial change in the program with respect to name of Project Coordinator, Venue and date for organizing STTP would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File No. 34-65/208/RIPD/STTP/Policy-1/2018-19 in your future correspondence.

i. Program Evaluation Committee (PEC) is required to be constituted at institutional level. The constitution of the PEC shall be as under:

(i) Principal/Director/Registrar of the institution (Chairperson).

(ii) Coordinator of the program (Member Secretary).

(iii) Two HoDs and one subject expert (members).

The members of the said PEC shall not be below the rank of Associate Professor. A test shall be conducted by Program Evaluation Committee (PEC) at the end of the program and the certificates shall be issued to those participants who have attended the program and have qualified in the test. The minutes of the meetings, along with PEC report, are to be submitted to the Council at end of the program along with other mandatory documents.

j. GoI GFR rules (@<https://doe.gov.in/order-circular/general-financial-rules2017-0>) should be followed during utilization of grant.

k. This Sanction Order may be treated as Offer Letter for all purposes.

**NOTE:- Any deviation from the above will invoke serious action against the Institute.**

Yours sincerely,

(Col. B Venkat)  
Director (FDC)

Copy forwarded for information and necessary action to:-

1. Name and Address of the Coordinator  
Dr. BALASWAMY CHINTHAGUNTLA  
GUDLAVALLERU ENGINEERING COLLEGE  
SESHADRI RAO KNOWLEDGE VILLAGE, GUDLAVALLERU-521356, KRISHNA  
DISTRICT, ANDHRA PRADESH  
GUDLAVALLERU 521356 Andhra Pradesh.
2. The Registrar / Director / Principal  
GUDLAVALLERU ENGINEERING COLLEGE

Name of the Institute: Gudlavalleru Engineering College

## UTILISATION CERTIFICATE

Name of the Scheme under which the amount was sanctioned: Short Term Training Programme (STTP) under AQIS 2018-19 during the financial year 2019-20.

Sl. No.	AICTE Sanction Order/Letter No. & Date under which the amount was sanctioned	Amount (Rs.)	
1	34-65/208/RIFD/STTP/ Policy-1/2018-19	Rs. 321666/- (Rupees Three Lakh Twenty One Thousand Six Hundred Sixty Six Only)	Certified that out of Grant-in-Aid of Rs. 321666/- (Rupees Three Lakh Twenty One Thousand Six Hundred Sixty Six Only) sanctioned by the AICTE during the financial year in favour of Principal, Gudlavalleru Engineering College as per letter mentioned in page-2. Rs. 279000/- (Rupees Two Lakh Seventy Nine Thousand Only) towards conducting three phases of STTPs has been utilized for the purpose for which it was sanctioned and the balance of Rs. 42666/- (Rupees Forty Two Thousand Six Hundred and Sixty Six Only) remained unutilized has been returned to AICTE (DD No.145055 dated 31-12-2020).

Certified that I have satisfied myself that the conditions on which the amount was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

## Kinds of checks exercised:-

1. Audited Annual Accounts of the Institute
2. Receipt and payment account
3. Periodical Progress Reports

- 1) Name, Signature & Address of the Coordinator with Seal:

*Dr. Ch. Balaswamy*  
**Dr. Ch. BALASWAMY**, Professor  
 Dept. of Elect. & Commn. Engg.  
 Gudlavalleru Engineering College  
 Seshadri Rao Knowledge Village  
 GUDLAVALLERU-521 350

- 2) Signature of Chartered Accountant:

*R. Satyanarayana*  
**R. Satyanarayana**, B.Com., F.C.A.  
 Membership No:  
 Rubber Stamp:  
 Full Address: M.No: 7189  
 Partner: M/s. Siva Krishna & Narayan  
 Chartered Accountants  
 ICAI Regn. No: 0038835

- 3) Signature of Head of the Institute;

Name & Designation of the Head of the Institute:  
 Rubber Stamp: **PRINCIPAL**  
 Full Address: Gudlavalleru Engineering College,  
 GUDLAVALLERU-521356  
 Date: 21/01/21 **Dr. G.V.S.N.R.V. PRASAD**



**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village::Gudlavalleru

**AICTE sponsored Online Short Term Training Programme on  
"Blockchain Architecture Design and Use Cases"**

**STATEMENT OF EXPENDITURE**

S. No.	STTP Phase	Purpose	Amount in Rs.	Total Amount in Rs.
1	STTP (Phase-I)	Honorarium for Coordinator	5000	93000
		Honorarium to experts	75000	
		Payment to lab attendant engaged during lab practices	3000	
		Miscellaneous charge	10000	
2	STTP (Phase-II)	Honorarium for Coordinator	5000	93000
		Honorarium to experts	75000	
		Payment to lab attendant engaged during lab practices	3000	
		Miscellaneous charge	10000	
3	STTP (Phase-III)	Honorarium for Coordinator	5000	93000
		Honorarium to experts	75000	
		Payment to lab attendant engaged during lab practices	3000	
		Miscellaneous charge	10000	
Total for three STTP's				279000

Description	Amount in Rs.
Institute has received grant for STTP (Ref.No.34-65/208/RIFD/STTP/Policy-1/2018-19)	321666
Amount utilized for three STTP's	279000
Balance Amount returned to AICTE (DD No. 145055 dated.31-12-2020)	42666

1) Name, Signature & Address of the Coordinator with Seal:

*Dr. CH. BALASWAMY.* *Ch. Balaswamy*  
Professor

Dept. of Elect. & Commn. En  
Gudlavalleru Engineering Coll  
Seshadri Rao Knowledge Vill  
GUDLAVALLERU-521356

2) Signature of Chartered Accountant:

Name of Chartered Accountant:  
Membership No: *Satyanarayana, B.Com., F.C.A.*  
Rubber Stamp: *M.No: 7189*  
Full Address: *Partner: M/s. Siva Krishna & Narayan*  
*Chartered Accountants*  
*ICAI Regn. No: 003888S*

Date:

3) Signature of Head of the Institute;

Name & Designation of the Head of the Institute:

Rubber Stamp: *PRINCIPAL*  
Full Address: *Gudlavalleru Engineering College*  
*GUDLAVALLERU-521356*  
Date:





# GUDLALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, GUDLALLERU-521 356, Krishna District, A.P., India

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Phone Nos. 08674-273737, 273888, Mobile: 9848779121 Fax No. 08674-273957

E-mail: principal@gecgudlalleru.ac.in, office@gecgudlalleru.ac.in, Web: www.gecgudlalleru.ac.in

Date: 21.01.2021

## COMPLETION REPORT

To,  
Director (FDC),  
AICTE,  
Nelson Mandela Marg,  
New Delhi 110067

Respected Sir,

Sub: Three Phases of STTP – Completion Report – Regarding.

Ref: 34-65/208/RIFD/STTP/Policy-1/2018-19, Dated 21/2/2020.

With the reference above, the department of Electronics and Communication Engineering of this college had successfully conducted Three Phases of Short Term Training Programme (STTP) on "Blockchain Architecture Design and Uses cases" through online mode in the following dates.

Phase-1: 10-15, August 2020

Phase-2: 17-22, August 2020

Phase-3: 24-29, August 2020

Thanking you sir.

Yours sincerely,  
*Ch. Balaswamy*  
Coordinator,

(Dr. Ch. Balaswamy)

Professor

Dept. of Elect. & Commn. Engg.  
Gudlalleru Engineering College  
Seshadri Rao Knowledge Village  
GUDLALLERU-521 356

### Signatures of the Program Evaluation Committee:

1. Chairperson:  
Dr. P. Ravindra Babu, Principal *P.R.B.*
2. Member Secretary: *Ch. Balaswamy*  
Dr. Ch. Balaswamy, Professor & Coordinator of STTP, ECE
3. Member: *V.V.K.D.V.*  
Dr. V.V.K.D.V. Prasad, Professor & Head of the Department, ECE
4. Member: *S. Narayana*  
Dr. S. Narayana, Professor & Head of the Department, CSE
5. Member: *M. Baburao*  
Dr. M. Baburao, Professor & Subject Expert, CSE

**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village::Gudlavalleru

**AICTE sponsored Online Short Term Training Programme on**  
**"Blockchain Architecture Design and Use Cases" Phase-I**  
**10 – 15, August 2020**

**STATEMENT OF EXPENDITURE**

S. No.	Purpose	Amount (Rs.)	Total Amount (Rs.)	
1	Honorarium for experts	Dr. Sugata Gangopadhyay, Professor, IIT Roorkee.	10000.00	75,000.00
		Dr. Raju halder, Asst. Professor, IIT Patna	9000.00	
		Dr.Modi Chirag Naveen Chandra Asst.Professor, NIT Goa.	9000.00	
		Mr.Revanth Kumar Mudidana, Founder and CEO, Unturtle	47000.00	
2	Honorarium for Coordinator	Dr. Ch.Balaswamy Professor, Gudlavalleru Engineering College	5,000.00	5,000.00
3	Lab attendant engaged during lab practices	Mr.Rusheendra Babu, Asst.Prof. Gudlavalleru Engineering College	3,000.00	3,000.00
4	Miscellaneous charges	Payment for online meeting App ZOOM	8233.00	10,000.00
		Purchase of Graphic Tablet (Hardware to conduct online sessions)	1767.00	
Grand total		(Ninety three thousand rupees only)	93,000.00	

1) Name, Signature & Address of the Coordinator with Seal:

*Dr. Ch. Balaswamy*  
Professor

Dept. of Elect. & Commn. Engg.  
Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLERU-521 356

2) Signature of Chartered Accountant:

Name of Chartered Accountant:  
Membership No: 211-21  
Rubber Stamp: R. Sanyanarayana, B.Com., F.C.A.  
Full Address: M.No: 7189  
Partner: M/s. Siva Krishna & Narayan  
Chartered Accountants  
ICAI Regn. No: 003883S

Date:

3) Signature of Head of the Institute:

Name & Designation of the Head of the Institute:  
Rubber Stamp:  
Full Address:  
Date: Gudlavalleru Engineering College  
GUDLAVALLERU-521356

PRINCIPAL



**Chief Patron:**

AANM & VVRSR Educational Society

**Patrons:**

Dr. P. Ravindra Babu, Principal

**Co-Patrons:**

Dr.G.V.S.N.R.V.Prasad, Vice Principal-Academics

Dr.B.Kavna Kumar, Vice Principal-Administration

**Advisor:**

Dr. P. Nageswara Reddy, Director, AS&A

**Convener(s):**

Dr.M.Kamaraju, Professor & Mentor, (AS&A), ECE

Dr.V.V.K.D.V.Prasad, Professor & HoD, ECE

**Coordinator:**

Dr.Ch.Balaswamy, Professor, ECE

**Advisory Committee:**

Dr.A.V.N.Tilak, Professor, ECE

Dr.K.N.Prakash, Professor, ECE

Dr.R.S.Rao, Professor, ECE

Dr.Y.Rama Krishna, Professor, ECE

Dr.D.Ravi Krishna Reddy, Professor, ECE

Mr.V.Vittal Reddy, Assoc. Prof., ECE

Mrs.T.Venkata Lakshmi, Assoc. Prof., ECE

Mr.T.S.R.Krishna Prasad, Assoc. Prof., ECE

Mr. A. Malliah, Assoc. Prof., ECE

Dr.Y.Syamala, Assoc. Prof., ECE

Mr.B.Raja Sekhar, Assoc. Prof., ECE

Mr.Y.Sri Chakrapani, Assoc. Prof., ECE

Dr.D.Prabhakar, Assoc. Prof., ECE

Dr.S.Ravi, Assoc. Prof., ECE

Dr.T.Ananda Babu, Ass.Prof.,ECE

**Address for Correspondence:**

Convener,

AICTE-STTP Programme,

Department of ECE

Gudlavallam Engineering College, Gudlavalluru.

Further Details Contact:

Coordinator

Dr.Ch.Balaswamy

Phone: 8374438095

Email: [balaswamy@gecgudlavallurumic.in](mailto:balaswamy@gecgudlavallurumic.in)

**Registration link:**

<https://forms.gle/LZ2WsbM1csoLgLKU6>

**Dates:** 10<sup>th</sup> -15<sup>th</sup> August, 2020 (Everyday 2 sessions)

**Timings:** Session 1:10:00AM to 11:30AM and

Session 2: 6:00PM to 7:30 PM



**AICTE sponsored  
Online  
Short Term Training  
Programme  
on  
"Blockchain Architecture Design  
and  
Use Cases"  
(Phase-I)  
10<sup>th</sup> - 15<sup>th</sup> August, 2020**

**Organized by  
Department  
of  
Electronics & Communication Engineering**

**Gudlavallam Engineering College  
(Autonomous)  
(Sponsored by AANM & VVRSR Educational Society)  
SESHADRI RAO KNOWLEDGE VILLAGE  
Gudlavallam, Krishna District  
Andhra Pradesh-521356  
(Affiliated to JNTUK, KAKTINADA)  
Phone: 08674 - 273737, 273888, Fax: 08674 -273957  
Website: [www.gecgudlavallam.ac.in](http://www.gecgudlavallam.ac.in)**

**About the College:**

The college, established in 1998 is promoted by AANM & VVRSR Educational Society and is located amidst green surroundings in the outskirts of Gudlavalluru. The B.Tech Programme of CSE Department is accorded the status of accredited for five years and the EEE, ME, ECE, and IT programmes are provisionally accredited for three years.

The College accredited by NAAC with "A" grade. The college also obtained status of permanent affiliation to University, JNTUK, Kakinada and grant of Autonomous status to the institution by UGC, since 2014.

The College also offers M.Tech. Programs in ECE, EEE CSE, ME and Civil Engineering in addition to MBA program.

**About the Department:**

The department is offering B.Tech Programme in Electronics and Communication Engineering since 1998 along with M.Tech in VLSI Design and Embedded Systems Since 2019. B.Tech (ECE) accredited by NBA for three years w.e.f.2019-2020. The department is offering B.Tech-IoT from the Academic Year 2020-21.

The department has well qualified staff specialized in Microelectronics, Instrumentation and Control, Digital Systems & Computer Electronics, Digital Communication and Networks, Systems & Signal Processing, Microwave Engineering, VLSI Design. Department Labs are equipped with specialized equipment like spectrum analyzer, Digital Storage Oscilloscope, Universal Programmer, Curve Tracer, DSP, VLSI & Embedded System Development Kits supported by software like CCS (Code Composer Studio) for DSP, MATLAB, Aldec VHDL, Xilinx vivado FPGA Express, Altera Quartus-II, Mentor Graphics (Front End, Back End Tools), Xilinx 14.1i (Project Navigator), Modelsim, Multisim, Ride, LabVIEW, TI based embedded systems Robots and IoT etc.

**About the Short Term Training Programme:**

- ◆ The Resource persons hosting from IITs, NITs, and various reputed industrial organizations.
- ◆ After attending this AICTE-Short Term Training Programme participants are able to acquire the knowledge of Blockchain Technology and its challenges to be taken with innovative research methodologies with Hands-on Training.

**Objectives:**

- ◆ This Short Term Training Programme aimed at Faculty members and Research scholars of AICTE sponsored engineering colleges
- ◆ To extend their knowledge of individuals and research activities in near future using Hands-on Training.

**Resource Persons from IITs and NITs:**

1. Dr. Sugata Gangopadhyay  
Associate Professor  
Department of Computer Science and Engineering  
IIT, Roorkee
2. Dr. Raju Halder  
Assistant Professor  
Department of Computer Science and Engineering  
IIT, Patna
3. Dr. Modi Chirag Navinchandra  
Assistant Professor  
Department of Computer Science and Engineering  
NIT, Goa

**Resource Persons from Industries:**

1. Revanth Kumar,  
Founder, CEO, Unturle Technologies, Hyd  
Co-director, Startup Grind.
2. Prasanth Sahoo, Block chain Expert, TCS Ltd.
3. Bipul Kumar Shahi, Block chain Expert.



**AICTE sponsored  
Online**

**Short Term Training  
Programme**

**on**

**"Blockchain Architecture Design  
and**

**Use Cases"  
(Phase-I)**

**10<sup>th</sup> - 15<sup>th</sup> August, 2020**

**GUIDE LINES:**

- > No registration FEE.
- > 100% attendance is mandatory to issue e-certificate
- > Registration must be done using google form.  
<https://forms.gle/LZ2WsbM1cso1g1KUE>
- > e-participation certificate will be provided through your e-mail only after given overall feedback.

**Dates to Remember:**

- Last date for Registration: 7<sup>th</sup> August, 2020.
- AICTE-STTP programme : 10<sup>th</sup>- 15<sup>th</sup> August, 2020 (Everyday two sessions)

**Eligibility:**

Faculty members and Research scholars of AICTE sponsored Engineering Colleges (All departments).

PG-12

PG-12



**AICTE sponsored  
Online  
Short Term Training Programme**



**on  
"Blockchain Architecture Design and Use Cases"  
(Phase-I)**

**10<sup>th</sup> – 15<sup>th</sup> August, 2020**

Schedule (Phase-I)

Date	Time	Resource Person	Topic	Comments
10-08-2020	10.00 AM–10.30 AM	Inauguration		
	10.30 AM–12.00AM	Dr.Sugata Gangopadhyay IIT Roorkee	Hashing	Part-I: Hashing and Cryptography with Blockchain Implementation
	6.00 PM–7.30 PM	Dr. Raju Halдар IIT Patna	Overview of blockchain technology and its working principles.	This session provides an overview of blockchain technology and its working principles in detail. The whole concept will be explained considering Bitcoin as a case study.
11-08-2020	10.00 AM–11.30 AM 6.00 PM–7.30 PM	Revanth Kumar Founder & CEO, Unturtle Technologies, Hyderabad	Part:1 Building a Decentralized Application Framework from Scratch with MEAN stack	Complete hands-on programming session where participants would build a decentralized application framework from scratch and deploy it using MEAN stack
12-08-2020	10.00 AM–11.30 AM 6.00 PM–7.30 PM			
13-08-2020	10.00 AM–11.30 AM 6.00 PM–7.30 PM			
14-08-2020	10.00 AM–11.30 AM 6.00 PM–7.30 PM			
	2.00 PM–4.00 PM			
15-08-2020	6.00 PM-7.30 PM			
	7.30 PM–8.00 PM	Feedback and Valedictory session		

*A. Babu*  
Coordinator, STTP  
Professor

Dept. of Elect. & Commn. Engg.  
Gudlavallur Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLUR | FRIL 521 256

09-13

# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, Gudlavalleru – 521356, Krishna District (A.P.)

**Department of Electronics and Communication Engineering**

**AICTE sponsored Online Short Term Training Programme (STTP)**

**on "Blockchain Architecture Design and Use Cases"**

(Phase-I)

## Participants List

Dates: 10-15 /8/2020

S.No.	Participant Name	Designation	Department	Institute Name	State
1	Mrs.U CHAITANYA	Assistant Professor	IT	MAHATMA GANDHI INSTITUTE OF	TELANGANA
2	CHANDAN KUMAR BARIK	Research scholar	CSE	North Orissa University, Baripada	Odisha
3	B S N MURTHY	ASSOCIATE PROFESSOR	CSE	BVC ENGINEERING COLLEGE	ANDHRA PRADESH
4	Jayanti Naskar	Student	CSE	Elite College of Engineering	West Bengal
5	KRUSHENDRABABU	ASSISTANT PROFESSOR	ECE	GEC	ANDHRA PRADESH
6	Dr. Ch. Balaswamy	Professor	ECE	GEC	Andhra pradesh
7	Dr. V.V.K.D. V. Prasad	Professor and Head	ECE	GEC	Andhra Pradesh
8	P. RAMA KRISHNA	Assistant Professor	ECE	GEC	Andhra Pradesh
9	PENTA ANIL KUMAR	Assistant Professor	E.C.E	GEC	Andhra Pradesh
10	RAMAMOORTHY.K	ASSOCIATE PROFESSOR	ECE	PSNA CET	TAMILNADU
11	SUBBULAKSHMI V	Assistant Professor	IT	VEC	Tamilnadu
12	Rasika Mundhe	Assistant Professor	CSE	Rula college	Maharashtra
13	Lakshmi Viveka K	Assistant Professor	CSE	PEC	Andhra Pradesh
14	KEERTHIKA KUMARESAN	ASSISTANT PROFESSOR	CSE	KCE	TAMILNADU
15	AARTHI D	Assistant Professor	CSE	KCE	Tamil Nadu
16	DEVENDER KUMAR DHAKED	ASSISTANT PROFESSOR	CSE	RAJASTHAN COLLEGE OF ENGINEER	RAJASTHAN
17	Bhavanl Sankar Panda	Assistant Professor	CSE	GIET UNIVERSITY	Odisha
18	A. V. LAKSHMI PRASUNA	Assistant Professor	IT	MAHATMA GANDHI INSTITUTE OF	Telangana
19	R.SUDHA	ASSOCIATE PROFESSOR	CSE	Vasavi College of Engineering	Telangana
20	P HARITHA	Asst Professor	CSE	GEETHANJALI COLLEGE OF ENGINEER	Telangana
21	Santhoshi Kumari Gantla	Assistant professor	CSE	NSRIT	Andhra Pradesh
22	K KRANTHI KUMAR	Assistant professor	IT	GUDLAVALLERU ENGINEERING COL	Andhrapradesh
23	Lanka Padmalatha	Assistant Professor	ECE	Gudlavalleru Engineering College	Andhra Pradesh
24	Mr SAIKUMAR TARA	Associate Professor	ECE	CMR Technical Campus	Telangana
25	AKHILESH KUMAR SINGH	Research Scholar	CSE	JNU NEW DELHI	Delhi
26	Bolem Vamsy Krishna	Assistant Professor	ECE	Gudlavalleru Engineering College	Andhra Pradesh
27	Samanthapudi bhavanl	Assistant professor	ECE	Gudlavalleru engineering college	Andhra Pradesh
28	T.Naga Lakshmi	Lecturer	ECE	Little Flower Degree College	Telangana
29	PUNGANURU SWATHI	ASSISTANT PROFESSOR	CSE	JNTUA COLLEGE OF ENGINEERING	ANDHRAPRADESH
30	Dr J M Gnanasekar	Professor	CSE	Sri Venkateswara College of Engne	Tamil Nadu
31	Subhashini Tata	Assistant professor	ECE	Gudlavalleru Engineering College	Andhra Pradesh
32	Thomas Joseph	Assistant professor	CSE	Saintgits College of Engineering	Kerala
33	E VARGIL VUAY	ASSISTANT PROFESSOR	ECE	GUDLAVALLERU ENGINEERING COL	ANDHRA PRADESH
34	Lohith J J	Assistant professor	CS&E	B M S College of Engineering	Karnataka
35	Varsha Choudhary	Assistant Professor	MCA	BIT	Maharashtra
36	MADHAVARAPU CHANDAN	Assistant Professor	CSE	KONERU LAKSHMAIAH EDUCATION	Andhra Pradesh
37	MADHURI M SONKHASKAR	Asst.professor	FT	VESIT, Mumbai	Maharashtra

38	MADHURAM N	ASSISTANT PROFESSOR	IT	IFET COLLEGE OF ENGINEERING	Tamil Nadu
39	NAMRATHA. M	Assistant Professor	CSE	B.M.S. College of Engineering	Karnataka
40	Tibin Thomas	Asst Professor	CSE	Sainthits College of Engineering Kot	Kerala
41	Parminder Singh	Associate Professor	IT	Chandigarh Engineering College, La	Punjab
42	T. MOHANA BHARATHI	Teaching fellow	Exe	University College of engineering TI	Tamil nadu
43	SWARNA MAHESH NAIDU	Assistant Professor	CSE	JNTUA CE KALIKIRI	Andhra Pradesh
44	M.Damodhar Rao	Assistant professor	ECE	Gudlavalleru Engineering College	Andhra Pradesh
45	K.RANIRUDRAMA	Associate professor	ECE	Lakireddy BallReddy College of Eng	ANDHRAPRADESH
46	B MALAKONDA REDDY	Associate Professor	ECE	NARAYANA ENGINEERING COLLEGE	ANDHRA PRADESH
47	T.S.R.KRISHNA PRASAD	Associate Professor	ECE	GUDLAVALLERU ENGINEERING COL	Andhra Pradesh
48	Dr. R S Rao	Professor	ECE	GEC ,Gudlavalleru	Andhra Pradesh
49	K RATNA KUMARI	Asst.prof	CSE	Shri Vishnu Engineering College for	AP
50	B Satyanarayana Murthy	Associate Professor	CSE	BVC ENGINEERING COLLEGE	ANDHRA PRADESH
51	Sreelakshmi Vadlamudi	Assistant Professor	ECE	Gudlavalleru Engineeing College	Andhra Pradesh
52	K V VENKATESWARARAO	Assistant professor	ECE	GUDLAVALLERU ENGINEERING COL	Andhra Pradesh
53	Sri Chakrapani Yellamraju	Associate Professor	ECE	Gudlavalleru Engineering College	Andhra Pradesh
54	J. Kumaraswamy	Lecturer	EEE	Government polytechnic, cherial	Telangana
55	Prabhu K	Assistant Professor	IT	Sri Ramakrishna Institute of Techno	Tamil Nadu
56	Krishna Prasad N Rao	Assistant Professor	CSE	NMAM Institute of Technology	KARNATAKA
57	Dr.Vinu Sherman	Lecturer	IT	Higher College of Technology	Muscat
58	K SRILAKSHMI	Assistant Professor	ECE	Gudlavalleru Engineering College	Andhra Pradesh
59	Om Prakash Singh	Assistant Professor	CSE	Vidya Vihar Institute of Technology	Bihar
60	SNEHA PRASAD	STUDENT	ECE	SIR M VISVESVARAYA INSTITUTE OF	Karnataka
61	S.ARUNA DEEPTI	Asst prof	E. C. E	Vasavi college of engineering	telanagana
62	DR.S.REVATHI	PROFESSOR	CSE	B.S.Abdur Rahman Crescent Institut	Tamil Nadu
63	UTKALIKA SATAPATHY	Faculty	IT	College of Engineering and Technol	Odisha
64	Mrs. Gayathri K S	Assistant Professor	CSE	Mar Basilio's College of Engineering	Kerala
65	Sarakutty T K	Assistant Professor	CSE	Dayananda Sagar College of Arts, So	Karnataka
66	SRIKANTH	Lecturer	CE	Government polytechnic, cherial	Telangana
67	M SRAVANTHI	Assistant Professor	ECE	Nova College Of Engineering And Te	Telangana
68	Dr.B.KAVITHA	LECTURER	ECE	IRT POLYTECHNIC COLLEGE, CHENAI	TAMILNADU
69	STEPHEY CHRYSOLITE.K	ASSISTANT PROFESSOR	CSE	BIT INSTITUTE OF TECHNOLOGY AN	ANDHRA PRADESH
70	M. AMEER BABU	LECTURER IN MECHAN	ME	GOVERNMENT POLYTECHNIC COLLI	TAMILNADU
71	Mrs. NOMULA RAJESHWARI	Contract Lecturer	EEE	GOVERNMENT POLYTECHNIC CHER	Telangana
72	R.Sri Devi	Research Scholar	CSE	Karpagam Academy of Higher Educ	Tamilnadu
73	NANDIGAM MONIKA	Assistant professor	ECE	Gudlavalleru Engineering College	Andhra Pradesh
74	YARLAGADDA SYAMALA	ASSOCIATE PROFESSOR	ECE	GUDLAVALLERU ENGINEERING COL	ANDHRA PRADESH
75	FRANCIS XAVIER S	LECTURER	ME	IRT POLYTECHNIC COLLEGE, BARGU	TAMILNADU
76	DR.K.RAVI KUMAR	ASSOC.PROFFESOR	Ece	NS.RAJU Institute of Technology	Andhrapradesh
77	SYED ZAHEER AHAMMED	Assistant professor	CSE	JNTUACEK, KALKIRI	ANDHRA PRADESH
78	Apoorva Shripad Patil	Research Scholar	CSE	Karnatak University , Dharwad	Karnataka
79	M.MANICKAM	LECTURER	EEE	IRT POLYTECHNIC COLLEGE, BARGU	TAMIL NADU
80	Manojkumar kambale	Research student	CSE	Karnataka University dharwad	Karnataka
81	Ramanpreet Singh	Assistant Professor	CSE	Yadavindra College of Engineering	Punjab
82	Kanagaraj Govindasamy	Assistant Professor	CSE	Kumaraguru College of Technology	Tamilnadu
83	Dr.Maddu,Kamaraju	Professor & Mentor (AS	ECE	Gudlavalleru Engineering College	Andhra Pradesh
84	Pornima Ramekar	Asst. Professor	CSE	Milind College of Science, Aurangab	Maharashtra
85	Dr. ALLA JAGADEESH BABU	ASSISTANT PROFESSOR	CBM	KRISHNA UNIVERSITY .MACHILIPATI	ANDHRA PRADESH
86	Bhumika Alte	Assistant Professor	CSE	Milind College of Science, Aurangab	Maharashtra
87	GANTA NAGA SANDHYA DEVI	Assistant Professor	ECE	GUDLAVALLERU ENGINEERING COL	ANDHRA PRADESH

88	Y Mamilu	Asst. Prof	ECE	GEC, Gudlavalleru	AP
89	SUMAN MAI	Btech, 3rd Year	CSE	Elite College of engineering	West Bengal
90	KULKARNI VAIBHAV VIJAY	Student	CSE	Dr. Babasaheb Ambedkar Marathw	Maharashtra
91	KONDURU KRANTHI KUMAR	Assistant professor	IT	GUDLAVALLERU ENGINEERING COL	Andhrapradesh
92	Rucha Shinde	Assistant Professor	CSE	Dnyanshree Institute of Engineering	Maharashtra
93	ELANGO V	Lecturer	CSE	IRT Polytechnic College, Bargur	Tamilnadu
94	PAWAN HEGDE	Assistant Professor	CSE	NMAMIT, NITTE	Karnataka
95	Dr.D.VIJENDRA BABU	Vice Principal & Profess	ECE	Aarupada! Veedu Institute of Techn	Tamil Nadu
96	C A SEETHALAKSHMI	LECTURER	EEE	IRT POLYTECHNIC COLLEGE,BARGU	TAMIL NADU
97	Ramya P	Assistant Professor	ECE	Gudlavalleru Engineering College	AP
98	Argha Bagchi	Student	CSE	Elite Institute of Engineering	West Bengal
99	SUGANYA ARUMUGAM	ASSISTANT PROFESSOR	IT	KARPAGAM COLLEGE OF ENGINEER	TAMILNADU
100	Bojja Nagabhushana Babu	Assistant Professor	CSE	JNTUA College of Engineering : Kall	Andhrapradesh

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*C. Babu Ramya*

**Coordinator  
Professor**

**Dept. of Elect. & Commn. Engg.  
Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLERU-521 356**

## PHASE-I FEEDBACK REPORT

Timestamp	Participant Name	Designation	Department	Institute Name	State	How do you rate in overall, this STTP - Phase I	Do you face any issues while accessing/ during the online sessions?	Are the questions related to technical concepts been answered to your satisfaction?	Is the supporting for other issues been attended promptly?
2020/08/15 2:40:01 pm GMT+	KARYAMPUDI RUSHENDRABABU	ASSISTANT PROFESSOR	ECE	GEC	ANDHRA PRADESH	4	Video and Audi	Yes	Yes
2020/08/15 3:25:09 pm GMT+	Dr. Ch. Balaswamy	Professor	ECE	GEC	Andhra pradesh	4	Video and Audi	Yes	Yes
2020/08/15 3:29:52 pm GMT+	Dr. V.V.K.D. V. Prasad	Professor and Head	ECE	GEC	Andhra Pradesh	4	Video and Audi	Yes	Yes
2020/08/15 4:47:29 pm GMT+	P. RAMA KRISHNA	Assistant Professor	ECE	GEC	Andhra Pradesh	3	Video and Audi	Yes	Yes
2020/08/15 4:50:10 pm GMT+	KARYAMPUDI RUSHENDRABABU	ASSISTANT PROFESSOR	ECE	GEC	ANDHRA PRADESH	4	Video and Audi	Yes	Yes
2020/08/15 7:12:52 pm GMT+	PENTA ANIL KUMAR	Assistant Professor	E.C.E	GEC	Andhra Pradesh	4	Video and Audi	Yes	Yes
2020/08/15 7:12:56 pm GMT+	RAMAMOORTHY.K	ASSOCIATE PROFESSOR	ECE	PSNA CET	TAMILNADU	4	Video and Audi	Yes	Yes
2020/08/15 7:12:57 pm GMT+	SUBBULAKSHMI V	Assistant Professor	IT	VEC	Tamilnadu	4	Video and Audi	Yes	Yes
2020/08/15 7:13:05 pm GMT+	Rasika Mundhe	Assistant Professor	CSE	Ru'a college	Maharashtra	4	Video and Audi	Yes	Yes
2020/08/15 7:13:07 pm GMT+	Lakshmi Viveka Kesanapati	Assistant Professor	CSE	PEC	Andhra Pradesh	4	Video and Audi	Yes	Yes
2020/08/15 7:13:07 pm GMT+	KEERTHIKA KUMARESAN	ASSISTANT PROFESSOR	CSE	KCE	TAMILNADU	4	Video and Audi	Yes	Yes
2020/08/15 7:13:08 pm GMT+	AARTHI D	Assistant Professor	CSE	KCE	Tamil Nadu	4	Video and Audi	Yes	Yes
2020/08/15 7:13:12 pm GMT+	DEVENDER KUMAR DHAKED	ASSISTANT PROFESSOR	CSE	RAJASTHAN COLLEGE OF ENGINEER	RAJASTHAN	4	Video and Audi	Yes	Yes
2020/08/15 7:13:12 pm GMT+	Bhavani Senkar Panda	Assistant Professor	CSE	GIET UNIVERSITY	Odisha	4	Video and Audi	Yes	Yes
2020/08/15 7:13:14 pm GMT+	A. V. LAKSHMI PRASUNA	Assistant Professor	IT	MAHATMA GANDHI INSTITUTE OF	Telangana	4	Video and Audi	Yes	Yes
2020/08/15 7:13:14 pm GMT+	R.SUDHA	ASSOCIATE PROFESSOR	CSE	Yasavi College of Engineering	Telangana	4	Video and Audi	Yes	Yes
2020/08/15 7:13:19 pm GMT+	P HARITHA	Asst Professor	CSE	GEETHANJALI COLLEGE OF ENGINEER	Telangana	4	Video and Audi	Yes	Yes
2020/08/15 7:13:20 pm GMT+	Santhoshi Kumari Gantla	Assistant professor	CSE	NSRIT	Andhra Pradesh	4	Video and Audi	Yes	Yes
2020/08/15 7:13:20 pm GMT+	KONDURU KRANTHI KUMAR	Assistant professor	IT	GUDLAVALLERU ENGINEERING COL	Andhrapradesh	4	Video and Audi	Yes	Yes
2020/08/15 7:13:22 pm GMT+	Lanka Padmalatha	Assistant Professor	ECE	Gudlavalleru Engineering College	Andhra Pradesh	3	Video and Audi	Yes	Yes
2020/08/15 7:13:23 pm GMT+	Mr SAIKUMAR TARA	Associate Professor	ECE	CMR Technical Campus	Telangana	4	Video and Audi	Yes	Yes
2020/08/15 7:13:24 pm GMT+	AKHILESH KUMAR SINGH	Research Scholar	CSE	JNU NEW DELHI	Delhi	4	Video and Audi	Yes	Yes



***AICTE Sponsored***  
**One Week National Level Online Short Term  
Training Program (STTP)**  
**On**  
**"BLOCKCHAIN ARCHITECTURE DESIGN  
AND USE CASES"**  
**10<sup>th</sup> - 15<sup>th</sup> August, 2020 (Phase-I)**



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## **A REPORT ON STTP (PHASE-I)**

The ECE department of Gudlavalleru Engineering College conducted One Week National Level Online Short Term Training Program (STTP) On **Blockchain Architecture Design and Use Cases (Phase-I)** from **10<sup>th</sup> – 15<sup>th</sup> August, 2020**. This STTP aims to discuss the recent trends and challenges in Blockchain Architecture Design, imparting the overview of blockchain technology and its working principles. This program imparts the knowledge on Hashing and Cryptography with Blockchain Implementation. This training program provides the complete hands-on programming session where participants would build a decentralized application framework from scratch and deploy it using MEAN stack.

### ***Objectives of STTP:***

1. To understand the concept of Blockchain technology and its working principles.
2. To know Hashing and Cryptography with Block chain Implementation.
3. To get the hands-on experience on building the decentralized application framework.
4. To deploy the decentralized application frame using MEAN stack.
5. To understand the Blockchain Industry Applications.

The participants also got insights of research opportunities in Blockchain technology and challenges in Industry Applications. This STTP was coordinated by Dr. Ch.Balaswamy, Professor, ECE Department of Gudlavalleru Engineering College Gudlavalleru.

The topics covered during this STTP are:

- Hashing and Cryptography with Blockchain Implementation.
- Building a Decentralized Application Framework from Scratch with MEAN stack.
- Complete hands-on programming session where participants would build a decentralized application framework from scratch and deploy it using MEAN stack Operations
- Research opportunities and challenges in Blockchain Industry Applications.

The resource persons are:

**Academicians:**

**Dr.Sugata Gangopadhyay, Professor, IIT Roorkee**

**Dr. Raju Haldar, Asst.Professor, IIT Patna**

**Dr. Modi Chirag Navinchandra, Asst.Professor, NIT, Goa**

**Industry experts**

**Sri. Hanu Yedluri, Founder & CEO, Brainlabs, Hyderabad**

**Mr.Revanth Kumar, Founder & CEO, Unturtle Technologies, Hyderabad**

**Mr.Bipul Kumar Sahi, Blockchain Expert and Trainer.**

The inaugural function of STTP scheduled at 9.30AM on 10-08-2020 (Monday) through virtual Mode: ZOOM Platform. The following esteemed personalities were present during the inauguration session of the programme:

- Dr. Sugata Gangopadhyay, Professor, IIT Roorkee
- Dr. P.Ravindra Babu, Principal, GEC, Gudlavalleru
- Dr. G.V.S.N.R.V Prasad, Vice-Principal (Gen.Administration), GEC, Gudlavalleru.
- Dr. V.V.K.D.V Prasad, HOD, ECE Department, GEC, Gudlavalleru.
- Dr.M.Kama Raju, Mentor, ECE Department, GEC, Gudlavalleru.
- Mr.Revanth Kumar, Founder & CEO, Unturtle Technologies, Hyderabad
- Dr.Ch.Balaswamy, Professor, Coordinator-STTP.



Image 1: The inaugural function of STTP Phase-I scheduled at 9.30AM on 10-08-2020 (Monday)

**Day 1 (10-08-2020)-Morning Session:**

The first Session Talk on "Hashing and Cryptography with Blockchain Implementation" delivered by the chief guest. In this session briefed about the topics of bitcoins to blockchain, open ledger, how the transactions will be done using blockchain technology has been explained to the participants and several research topics are discussed at the end of the session.

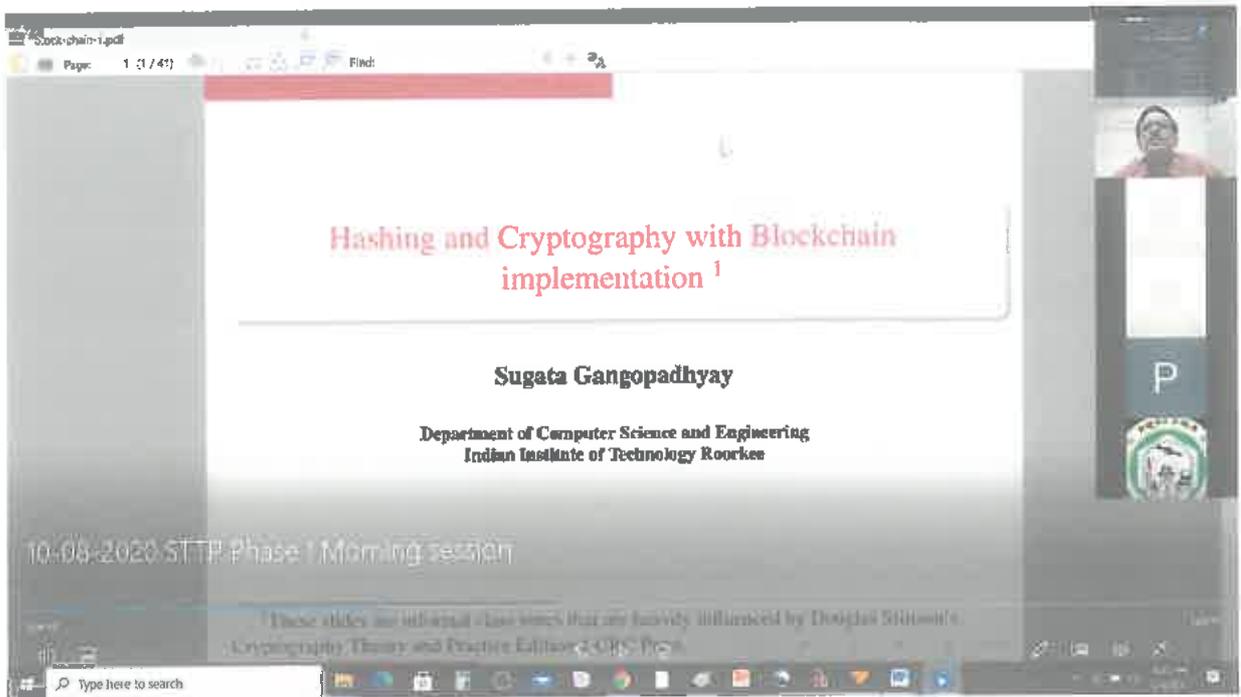


Image 2: Dr.Sugata Gangopadhyay delivering talk on the topic Hashing and Cryptography.

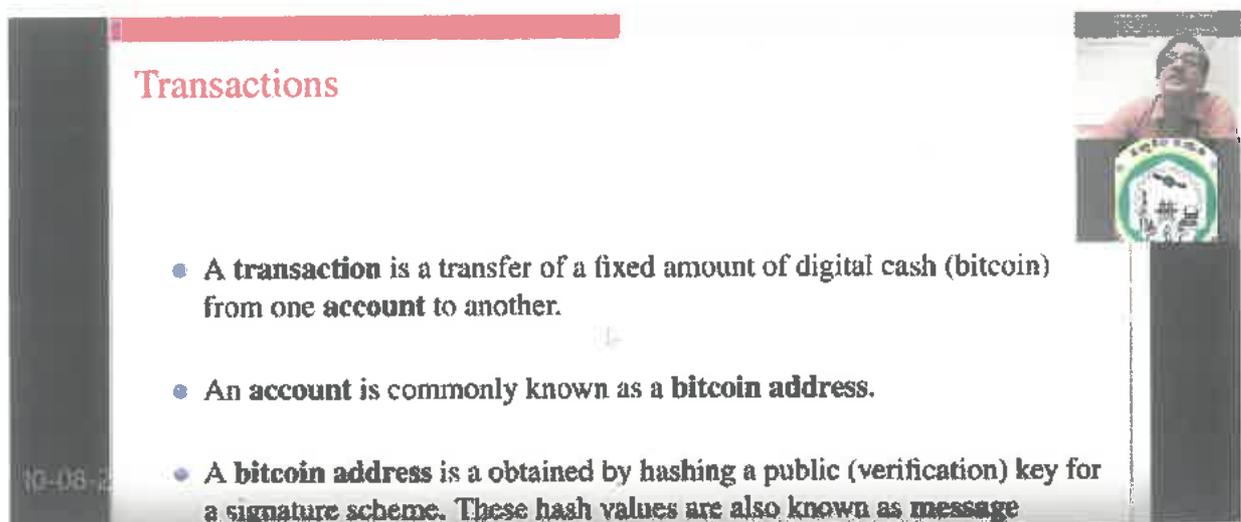


Image 3: Dr.Sugata Gangopadhyay discussing on the topic Transactions

#### Day 1 (10-08-2020)-Evening Session:

Dr. Raju Haldar, Assistant Professor, IIT, Patna has delivered a talk on "**Overview of Blockchain Technology and its Working Principles**". In this session the participants learned about basics of blockchain technology, Cyber currencies, Bit Coin, Bit Coin P2P Network, how to achieve consistency, about decentralization etc.



# AICTE-STTP Overview of Blockchain Technology and Its Working Principles

Dr. Raju Halder.  
Dept. of Comp. Sc. & Engg., IIT Patna  
halder@iitp.ac.in



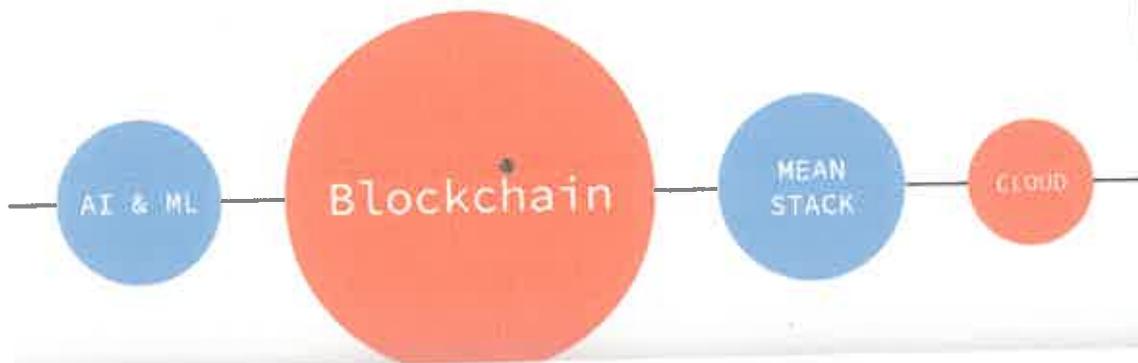
**Image 4: Dr.Raju Haldar discussing on the topic Blockchain technology on day-1 evening session.**

**Day 2 (11-08-2020): Hands-on: Building a Decentralized Application Framework from Scratch with MEAN stack:**

**Mr.Revanth Kumar, Founder & CEO, Unturtle Technologies, Hyderabad** conducted hands-on session on the 'Building a Decentralized Application Framework from Scratch with MEAN stack'. Complete hands-on programming sessions are carried out where participants would build a decentralized application framework from scratch and deploy it using MEAN stack have been conducted.



## Skills & expertise



**Image 5: Hands-on session on 'Building a Decentralized Application DApp Framework Day 3 (12-08-2020) : Hands-on: Creating a blockchain, transactions and hash for the block:**

Conducted complete hands-on sessions on the topics 'How to create a block and how to add it to chain, and how to generate hash for the block'. Building a Decentralized Application Framework from Scratch with MEAN stack'. Complete hands-on programming sessions are carried out where participants would build a

decentralized application framework from scratch and deploy it using MEAN stack have been conducted by Mr.Revanth Kumar, Founder & CEO, Unturtle Technologies, Hyderabad in Day 3.

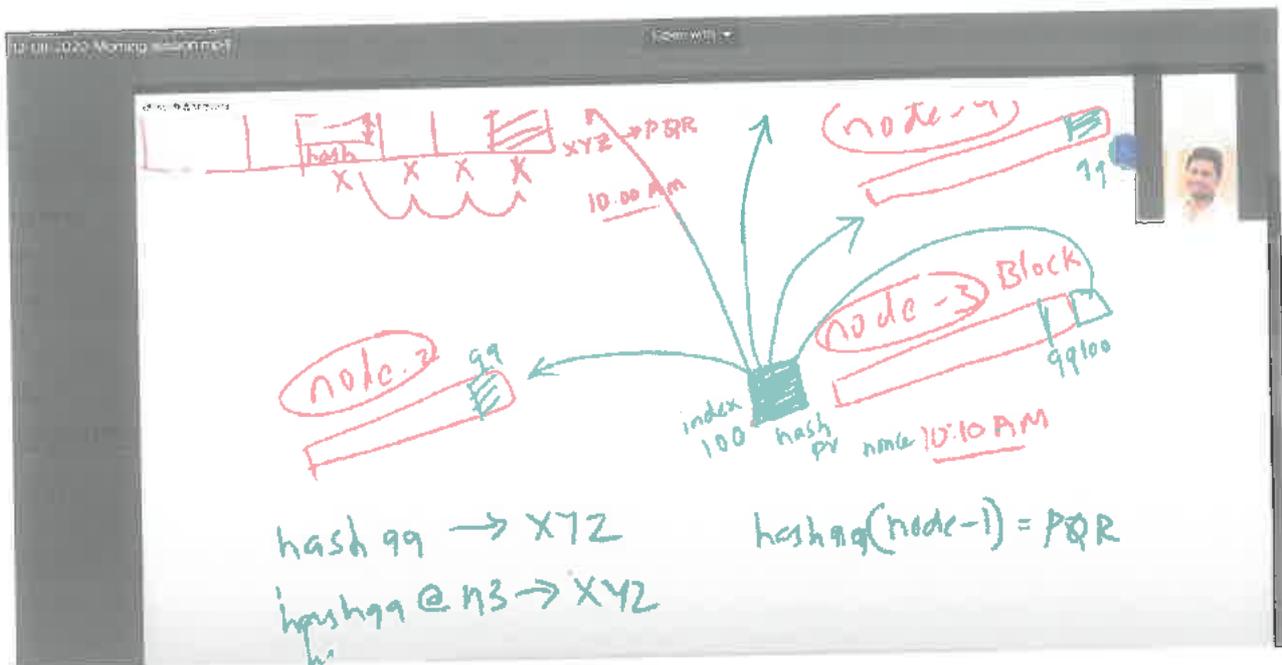


Image 6: Hands-on session on 'Creating a blockchain and a transaction and generating hash for the block'.

**Day 4 (13-08-2020): Hands-on: Creating a blockchain in centralized application, transactions and creating a crypto network application:**

Complete hands-on sessions on the topics 'How to create a blockchain in centralized application'. Building a Decentralized Application Framework from Scratch with MEAN stack'. Complete hands-on programming sessions are carried out to create a crypto network application where participants would build a decentralized application framework from scratch and deploy it using MEAN stack have been conducted by Mr.Revanth Kumar, Founder & CEO, Unturtle Technologies, Hyderabad in day 4..

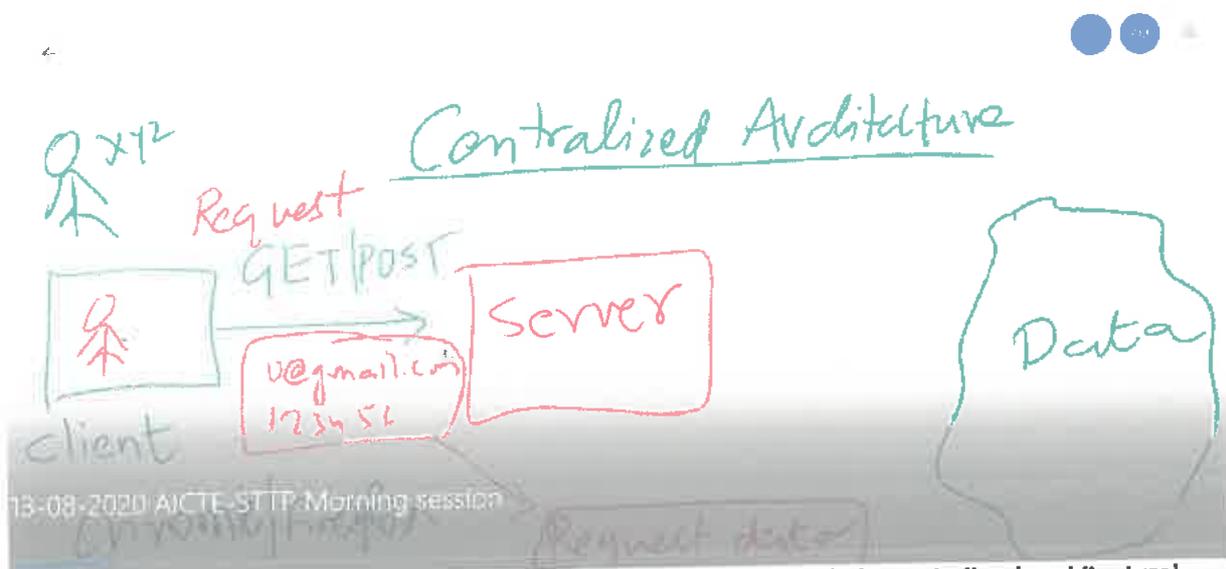
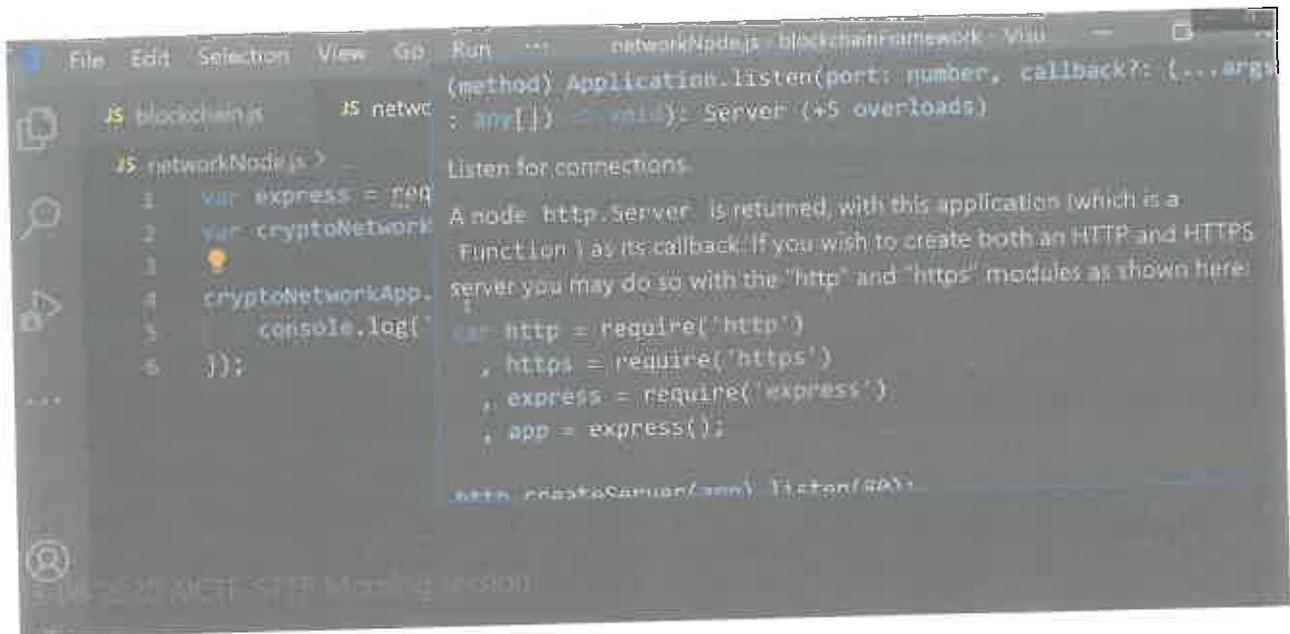


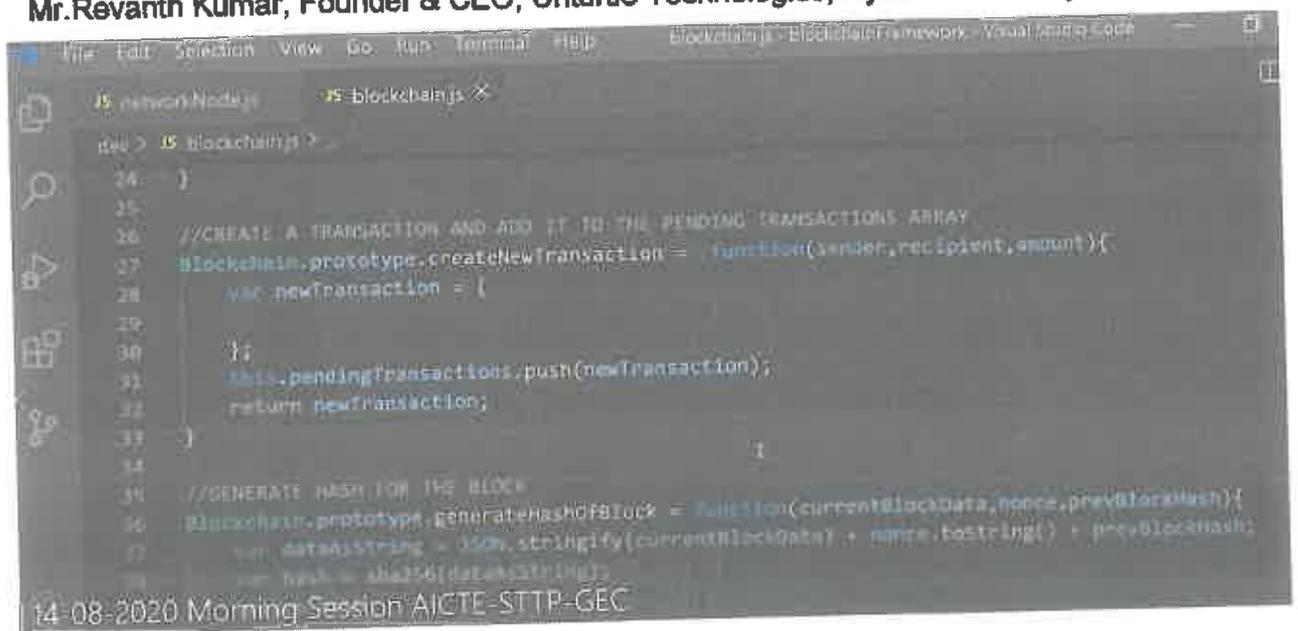
Image 6: Day 4: Hands-on session on 'Creating a blockchain in centralized architecture'.



**Image 7: Day-4-Hands-on session on 'Creating a Crypto-network Application'.**

**Day 5 (14-08-2020): Hands-on: How to import the basic blockchain structure into the server network and How to create a Nonce:**

Complete hands-on sessions on the topics 'How to import the basic blockchain structure into the server network and how to solve a crypto puzzle to obtain the nonce, How to get permission to import on other JS files, How to create a block and adds it to the blockchain, how to retrieve the blockchain, how to build bulk node registry, and how to make the nodes listen at multiple addresses etc'. The sessions are carried out to create a crypto network application where participants would build a decentralized application framework from scratch have been conducted by Mr.Revarth Kumar, Founder & CEO, Unturtle Technologies, Hyderabad in day 5..



**Image 8: Hands-on day 5 on how to create a transaction and how to generate hash for the block**

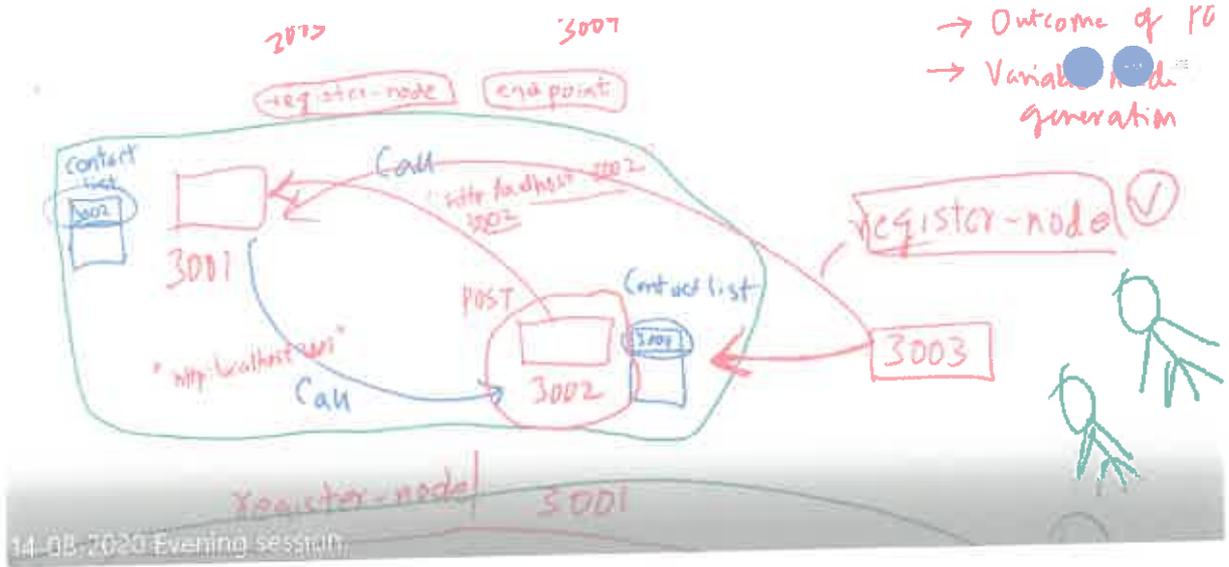


Image 9: Hands-on on how to create a nonce, and bulk node registry in blockchain

Day 6 (15-08-2020): Hands-on: How to post endpoint to register one node at another node:

Complete hands-on sessions on the topics 'How to create a post endpoint to register one node at another node and about bulk registry in the blockchain, how to make the port dynamic, how to handle the pending transactions and how to add these pending transactions to pending transactions array etc., have been discussed on day 6.

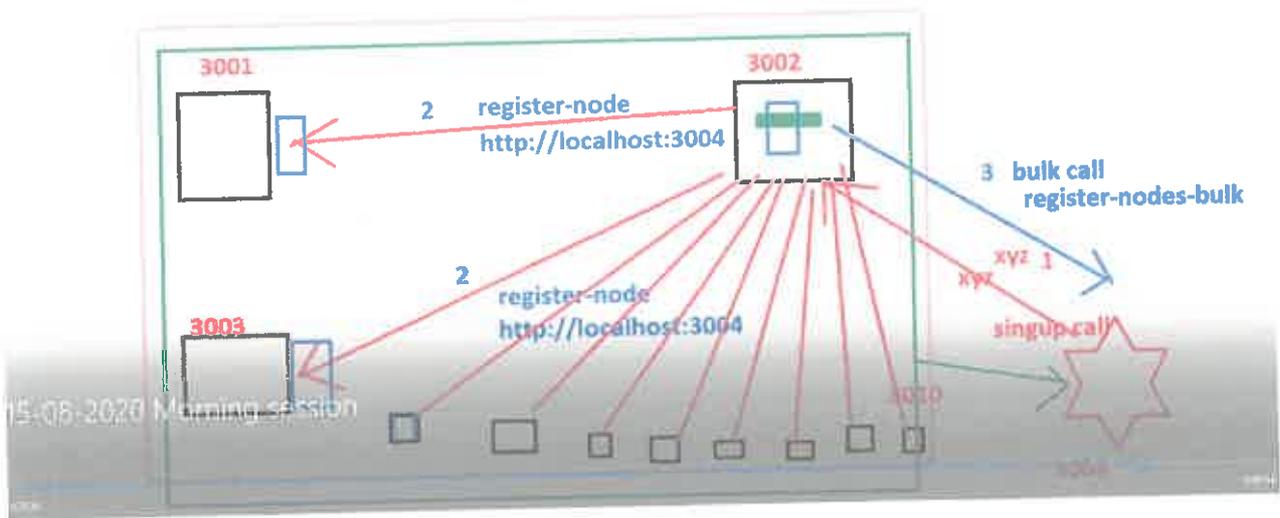


Image 11: Hands-on on bulk node registry and pending transactions



On Day-6 evening session, Dr. Modi Chirag Naveenchandra, NIT, Goa have taken session and delivered a talk on 'Blockchain Industry Applications' and created an awareness on Industry Applications of Block chain technology.

Finally, after end of the sessions in the last day a formal valedictory function conducted. In this session the HoD of ECE, Dr. VVKDV Prasad gave the observations made during this STTP Phase-1 program. He also invited the participants to join for other two phases of this STTP Phase -2 & 3.

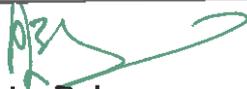
Then the coordinator of STTP gave the overall remarks on the program. The faculty, research scholars and working Engineers are participated and a total of 100 registrations have been made.

During the valedictory session few participants give their feedback on the program. One of the participants suggested include few talks relevant to research contributions made by the eminent faculty in this Blockchain technology.

The coordinator conveyed his thanks to all the participants for their active participation in the STTP. The coordinator expressed his gratitude towards AICTE for sanctioning this event to ECE department of GEC Gudlavalleru. Followed by valedictory function, an online test conducted for the assessment of participants learning skills.

**Signatures of the Program Evaluation Committee:**

1. Chairperson:

  
Dr.P.Ravindra Babu,  
Principal  
Gudlavalleru Engineering College, Gudlavalleru.

2. Member Secretary:

  
Dr.Ch.Balaswamy  
Professor & Coordinator of STTP, ECE  
Gudlavalleru Engineering College, Gudlavalleru.

3. Member:

  
Dr.V.V.K.D.V.Prasad  
Professor & Head of the Department, ECE  
Gudlavalleru Engineering College, Gudlavalleru.

4. Member:

  
Dr.S.Narayana  
Professor & Head of the Department, CSE  
Gudlavalleru Engineering College, Gudlavalleru.

5. Member:

  
Dr.M.Baburao  
Professor & Subject Expert, CSE  
Gudlavalleru Engineering College, Gudlavalleru.



## **GUDLAVALLERU ENGINEERING COLLEGE**

**(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)**

**Seshadri Rao Knowledge Village::Gudlavalleru, Krishna District, A.P: 521356**



### **CERTIFICATE OF PARTICIPATION**

This is to certify that

**Banuroopa K**

from

**Karpagam Academy of Higher Education**

has participated in AICTE sponsored Online Short Term Training Programme on "Blockchain Architecture Design and Use Cases" Phase-I organized by Department of Electronics and Communication Engineering from 10-08-2020 to 15-08-2020.

*Ch. Balaswamy*

**Dr. Ch. Balaswamy**  
Coordinator, STTP

*V. V. K. D. V. Prasad*

**Dr. V. V. K. D. V. Prasad**  
Prof. & HoD

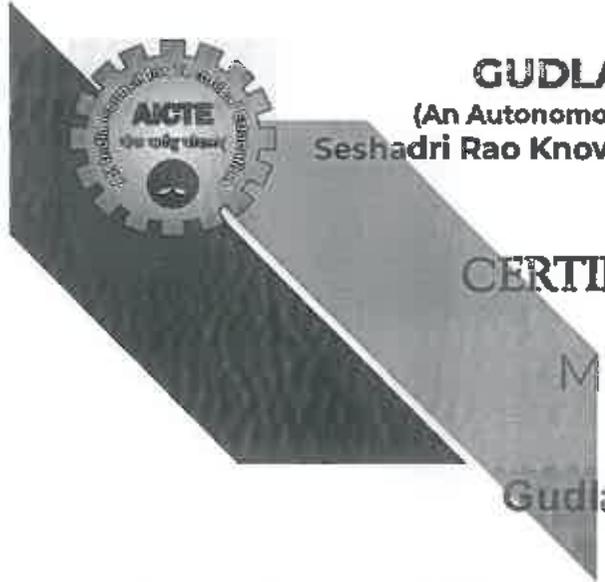
*M. Kamaraju*

**Dr. M. Kamaraju**  
Prof. & Mentor

*P. Ravindra Babu*

**Dr. P. Ravindra Babu**  
Principal

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# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village::Gudlavalleru, Krishna District, A.P: 521356



## CERTIFICATE OF PARTICIPATION

This is to certify that

**MIKKILI DILEEP KUMAR**

from

**Gudlavalleru engineering college**

has participated in AICTE sponsored Online Short Term Training Programme on "Blockchain Architecture Design and Use Cases" Phase-I organized by Department of Electronics and Communication Engineering from 10-08-2020 to 15-08-2020.

Dr. Ch. Balaswamy  
Coordinator, STTP

Dr. V. V. K. D. V. Prasad  
Prof. & HoD

Dr. M. Kamaraju  
Prof. & Mentor

Dr. P. Ravindra Babu  
Principal

10-8-2020

**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village::Gudlavalleru, Krishna District, A.P: 521356



**CERTIFICATE OF PARTICIPATION**

This is to certify that  
**Mr. Arijit Mondal**

from  
**Elite College of Engineering**

has participated in AICTE sponsored Online Short Term Training Programme on "Blockchain Architecture Design and Use Cases" Phase-I organized by Department of Electronics and Communication Engineering from 10-08-2020 to 15-08-2020.



Dr. Ch. Balaswamy  
Coordinator, STTP



Dr. V. V. K. D. V. Prasad  
Prof. & HoD



Dr. M. Kamaraju  
Prof. & Mentor



Dr. P. Ravindra Babu  
Principal

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**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village::Gudlavalleru

**AICTE sponsored Online Short Term Training Programme on**  
**"Blockchain Architecture Design and Use Cases" Phase-II**  
**17 – 22, August 2020**

**STATEMENT OF EXPENDITURE**

S. No.	Purpose	Amount (Rs.)	Total Amount (Rs.)	
1	Honorarium for experts	Dr. Sugata Gangopadhyay, Professor, IIT Roorkee.	10000.00	75,000.00
		Dr. Raju halder, Asst. Professor, IIT Patna	9000.00	
		Dr.Modi Chirag Naveen Chandra Asst.Professor, NIT Goa.	9000.00	
		Mr.Revanth Kumar Mudidana	47000.00	
2	Honorarium for Coordinator	Dr. Ch.Balaswamy Professor, Gudlavalleru Engineering College	5,000.00	5,000.00
3	Lab attendant engaged during lab practices	Mr.B.Vamsi Krishna, Asst. Prof., Gudlavalleru Engineering College	3,000.00	3,000.00
4	Miscellaneous charges	Towards refreshments – inauguration function	1301.00	10,000.00
		Double light socket with light stand Mount (Hardware to conduct online sessions)	875.00	
		LEB bulb Philips Ace saver base E-27 (Hardware to conduct online sessions)	324.00	
		Towards refreshments – Valedictory session	1200.00	
		Logitech C615 Webcam (Hardware to conduct online sessions)	4300.00	
		MIC Boya-BY-M1 (Hardware to conduct online sessions)	2000.00	
Grand total (Ninety three thousand rupees only)				93,000.00

1) Name, Signature & Address of the Coordinator with Seal:

Signature of Chartered Accountant:

Name of Chartered Accountant:

Membership No:

Rubber Stamp:

Full Address: Partner: M/s. Siva Krishna & Narayan

Date:

Chartered Accountants  
ICAI Regn. No: 0038835



3) Signature of Head of the Institute;

Name & Designation of the Head of the Institute:

Rubber Stamp:

Full Address:

Date:

PRINCIPAL  
Gudlavalleru Engineering College  
GUDLAVALLERU-521356

Dr. Ch. Balaswamy, Professor

Dept. of Elect. & Comm. Engg  
Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLERU-521 356



#### About the College:

The college, established in 1998 is promoted by AANM & VVRSR Educational Society and is located amidst green surroundings in the outskirts of Gudlavalleru. The B.Tech Programme of CSE Department is accorded the status of accredited for five years and the EEE, ME, ECE, and IT programmes are provisionally accredited for three years.

The College accredited by NAAC with "A" grade. The college also obtained status of permanent affiliation to University, JNTUK, Kakinada and grant of Autonomous status to the institution by UGC, since 2014.

The College also offers M.Tech. Programs in ECE, EEE CSE, ME and Civil Engineering in addition to MBA program.

#### About the Department:

The department is offering B.Tech Programme in Electronics and Communication Engineering since 1998 along with M.Tech in VLSI Design and Embedded Systems Since 2019. B.Tech (ECE) accredited by NBA for three years w.e.f.2019-2020. The department is offering B.Tech-IoT from the Academic Year 2020-21.

The department has well qualified staff specialized in Microelectronics, Instrumentation and Control, Digital Systems & Computer Electronics, Digital Communication and Networks, Systems & Signal Processing, Microwave Engineering, VLSI Design. Department Labs are equipped with specialized equipment like spectrum analyzer, Digital Storage Oscilloscope, Universal Programmer, Curve Tracer, DSP, VLSI & Embedded System Development Kits supported by software like CCS (Code Composer Studio) for DSP, MATLAB, Aldec VHDL, Xilinx vivado FPGA Express, Altera Quartus-II, Mentor Graphics (Front End, Back End Tools), Xilinx 14.1i (Project Navigator), Modelsim, Multisim, Ride, LabVIEW, TI based embedded systems Robots and IoT etc.

#### About the Short Term Training Programme:

- ❖ The Resource persons hosting from IITs, NITs, and various reputed industrial organizations.
- ❖ After attending this AICTE-Short Term Training Programme participants are able to acquire the knowledge of Blockchain Technology and its challenges to be taken with innovative research methodologies with Hands-on Training in the area of decentralized Network Synchronization.

#### Objectives:

- ❖ This Short Term Training Programme aimed at Faculty members and Research scholars of AICTE sponsored engineering colleges
- ❖ To extend their knowledge of individuals and research activities in near future using Hands-on Training.

#### Resource Persons from IITs and NITs:

1. Dr. Raju Halder  
Assistant Professor  
Department of Computer Science and Engineering  
IIT, Patna
2. Dr. Sugata Gangopadhyay  
Professor  
Department of Computer Science and Engineering  
IIT, Roorkee.
3. Dr. Modi Chirag Navinchandra  
Assistant Professor  
Department of Computer Science and Engineering  
NIT, Goa

#### Resource Persons from Industries:

1. Revanth Kumar,  
Founder, CEO, Unturtle Technologies, Hyd  
Co-director, Startup Grind.
2. Bipul Kumar Shahi, Block chain Expert.
3. Prasanth Sahoo, Block chain Expert, TCS Ltd.

GUDLAVALLERU ENGINEERING COLLEGE



**AICTE sponsored  
Online  
Short Term Training  
Programme  
on  
"Blockchain Architecture Design  
and Use Cases"  
(Decentralized Network Synchronization)  
(Phase-II)  
17<sup>th</sup> – 22<sup>nd</sup> August, 2020**

#### GUIDE LINES:

- > No registration FEE.
- > 100% attendance is mandatory to issue e-certificate
- > Registration must be done using google form.  
<https://forms.gle/a4f36Hu1a6DG188i9>
- > e-participation certificate will be provided through your e-mail only after given overall feedback.

#### Dates to Remember:

- Last date for Registration: 16<sup>th</sup> August, 2020.
- AICTE-STTP programme : 17<sup>th</sup>- 22<sup>nd</sup> August, 2020 (Everyday two sessions)

#### Eligibility:

Faculty members and Research scholars of AICTE sponsored Engineering Colleges (All departments).

**Chief Patron:**

AANM & VVRSR Educational Society

**Patrons:**

Dr. P. Ravindra Babu, Principal

**Co-Patrons:**

Dr.G.V.S.N.R.V.Prasad, Vice Principal-Academics

Dr.B.Karuna Kumar, Vice Principal-Administration

**Advisor:**

Dr. P. Nageswara Reddy, Director, AS&A

**Convenor(s):**

Dr.M.Kamraju, Professor & Mentor, (AS&A), ECE

Dr.V.V.K.D.V.Prasad, Professor & HoD, ECE

**Coordinator:**

Dr.Ch.Balaswamy, Professor, ECE

**Advisory Committee:**

Dr.A.V.N.Tilak, Professor, ECE

Dr.K.N.Prakash, Professor, ECE

Dr.R.S.Rao, Professor, ECE

Dr.Y.Rama Krishna, Professor, ECE

Dr.D.Ravi Krishna Reddy, Professor, ECE

Mr.V.Vittal Reddy, Assoc. Prof., ECE

Mrs.T.Venkata Lakshmi, Assoc. Prof., ECE

Mr.T.S.R.Krishna Prasad, Assoc. Prof., ECE

Mr. A. Mallaiak, Assoc. Prof., ECE

Dr.Y.Syamala, Assoc. Prof., ECE

Mr.B.Raja Sekhar, Assoc. Prof., ECE

Mr.Y.Sri Chakrapani, Assoc. Prof., ECE

Dr.D.Prabhakar, Assoc. Prof., ECE

Dr.S.Ravi, Assoc. Prof., ECE

Dr.T.Ananda Babu, Ass.Prof.,ECE

**Address for Correspondence:**

Convener,

AICTE-STTP Programme,

Department of ECE

Gudlavalleru Engineering College, Gudlavalleru.

Further Details Contact:

Coordinator

Dr.Ch.Balaswamy

Phone: 8374438095

Email: [balaswamy@gecgudlavalleru.ac.in](mailto:balaswamy@gecgudlavalleru.ac.in)

**Registration link:**

<https://forms.gle/a4f36Hu1a6DG1B8i9>

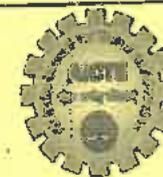
**Dates:** 17<sup>th</sup> -22<sup>nd</sup> August, 2020 (Everyday 2 sessions).

**Timings:** Session 1:10:00AM to 11:30AM and

Session 2: 6:00PM to 7:30 PM



GUDLAVALLERU ENGINEERING COLLEGE



**AICTE sponsored  
Online  
Short Term Training  
Programme  
on  
"Blockchain Architecture Design  
and Use Cases"  
(Decentralized Network Synchronization)  
(Phase-II)  
17<sup>th</sup> - 22<sup>nd</sup> August, 2020**

**Organized by  
Department  
of  
Electronics & Communication Engineering**

**Gudlavalleru Engineering College  
(Autonomous)  
(Sponsored by AANM & VVRSR Educational Society)  
SESHADRI RAO KNOWLEDGE VILLAGE  
Gudlavalleru, Krishna District  
Andhra Pradesh-521356  
(Affiliated to JNTUK, KAKINADA)  
Phone: 08674 - 273737, 273888, Fax: 08674 -273957  
Website: [www.gecgudlavalleru.ac.in](http://www.gecgudlavalleru.ac.in)**

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**AICTE sponsored**  
**Online**  
**Short Term Training Programme**



**on**  
**"Blockchain Architecture Design and Use Cases"**  
**(Phase-II)**

**17<sup>th</sup> – 22<sup>nd</sup> August, 2020**

**Schedule (Phase-II)**

Date	Time	Resource Person	Topic	Comments
17-08-2020	10.00 AM–10.15 AM	Welcome address to the participants		
	10.15 AM–11.45AM	Dr.Sugata Gangopadhyay IIT Roorkee	Hashing	Part-II: Hashing and Cryptography with Blockchain Implementation
	6.00 PM–7.30 PM	Dr. Raju Halder IIT Patna	Smart contracts	The role of smart contracts in this context and the potential applications of blockchain technology.
18-08-2020	10.00 AM–11.30 AM	Revanth Kumar Founder & CEO, Unturtle Technologies, Hyderabad	Part-II Building a Decentralized Application Framework from Scratch with MEAN stack	Complete hands-on programming session where participants would build a decentralized application framework from scratch and deploy it using MEAN stack
	6.00 PM–7.30 PM			
19-08-2020	10.00 AM–11.30 AM			
	6.00 PM–7.30 PM			
20-08-2020	10.00 AM–11.30 AM			
	6.00 PM–7.30 PM			
21-08-2020	10.00 AM–11.30 AM			
	6.00 PM–7.30 PM			
22-08-2020	10.00 AM–12.00 PM	Dr. Modi Chirag Navinchandra, NIT, Goa	Smart contracts	Create awareness on Smart contracts
	6.00 PM–7.30 PM			
	7.30 PM–8.00 PM	Feedback and Valedictory session		

*C. Babaraj*  
Coordinator, STTP  
Professor

Dept. of Elect. & Commn. Engg.  
Gudlavalluru Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLURU 521 358

# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, Gudlavalleru – 521356, Krishna District (A.P.)

**Department of Electronics and Communication Engineering**

AICTE Sponsored Short Term Training Program (STTP) on "Blockchain  
Architecture Design and Use Cases" Phase-II

**Participants List**

Dates: 17-22/08/2020

S.No.	Participant Name	Designation	Department	Institute Name	State
1	K RUSHENDRABABU	Assistant Professor	ECE	Gudlavalleru Engineering College	Andhra Pradesh
2	Dr. Ch. Balaswamy	Professor	ECE	Gudlavalleru engineering college	Andhra Pradesh
3	Suganya Arumugam	Assistant professor	IT	Karpagam college of engineering	TAMILNADU
4	MUPPIDI DEEPIKAKRISHNA	Assistant Professor	ECE	Gudlavalleru Engineering College	Andhra Pradesh
5	Dr. V SURYANARAYANA	PROFESSOR	CSE	RAMACHANDRA COLLEGE OF ENGIN	Andhra Pradesh
6	TIBIN THOMAS	ASST. PROF.	CSE	Saintgits College of Engineering Kott	Kerala
7	Nishath Ansari	Assistant Professor	CSE	B V Raju Institute of Technology	Telangana
8	NANDIGAM MONIKA	ASSISTANT PROFESSOR	ECE	Gudlavalleru Engineering College	AP
9	V KEERTHI	Research Scholar	CSE	Dravidian university	Andhra Pradesh
10	NAMRATHA. M	Assistant Professor	CSE	B.M.S. College of Engineering	Karnataka
11	Arjit Mondal	Student	CSE	Elite College of Engineering	West Bengal
12	Dr.Vinu Sherimon	Lecturer	IT	Higher College of Technology	Muscat
13	Dr. R S Rao	Professor	ECE	GEC ,Gudlavalleru	Andhra Pradesh
14	MADHURI M. SONKHASKAR	Asst.professor	ET	VESIT	Maharashtra
15	SUSHANTA KUMAR SAHLI	Assistant Professor	JEE	College of Engineering and Technolo	Odisha
16	Lohith JJ	Assistant Professor	CS&E	B.M.S.College of Engineering	Karnataka
17	K V VENKATESWARARAO	Assistant professor	ECE	GUDLAVALLERU ENGINEERING COLL	Andhra Pradesh
18	Parminder Singh	Associate Professor	IT	Chandigarh Engineering College,Land	Punjab
19	Prabhu K	Assistant Professor	IT	Sri Ramakrishna Institute of Technolo	Tamil Nadu
20	Bhavani Sankar Panda	Assistant Professor	CSE	GIET UNIVERSITY	Od'isha
21	Bhumika Alte	Assistant professor	CSE	Milind college of science, Aurangaba	Maharashtra
22	CHRISTY ROSALIND S	LECTURER	ECE	IRT POLYTECHNIC COLLEGE, BARGUR	TAMILNADU
23	Sudha V	Assistant Professor	CSE	Kumaraguru College of Technology	Tamil Nadu
24	Kanagaraj Govindasamy	Assistant Professor	CSE	Kumaraguru College of Technology	Tamilnadu
25	ISRIKANTH	Lecturer	CE	Government polytechnic, cherial	Telangana
26	V KEERTHI, Research Scholar	Research Scholar	CSE	Dravidian university	Andhra Pradesh
27	Mrs. Gayathri K S	Assistant Professor	CSE	Mar Baselios College of Engineering	Kerala
28	DR.S.REVATHI	PROFESSOR	CSE	B.S.Abdur Rahman Crescent Institute	Tamil Nadu
29	PENTA ANIL KUMAR	Assistant Professor	E.C.E	Gudlavalleru Engineering College	Andhra Pradesh
30	DHANA LAKSHMI LANKA	Assistant Professor	CSE	GUDLAVALLERU ENGINEERING COLL	Andhra Pradesh
31	Ashish Bishnoi	Assistant Professor	CCSIT	Teerthanker Mahaveer University	Uttar Pradesh
32	SNEHA PRASAD	STUDENT	ECE	SIR M VISVESVARAYA INSTITUTE OF	KARNATAKA
33	Dr Phani Praveen S	Assistant Professor	CSE	PVPSIT	Andhra Pradesh
34	SURENDER R	Assistant Professor (S	ECE	RAJALAKSHMI ENGINEERING COLLEG	TAMIL NADU
35	ELANGO V	LECTURER	CSE	IRT Polytechnic College, Bangur.	Tamilnadu
36	Latha L	Professor	CSE	KCT	India

Page 1

37	Rahul Singh	B.tech	CSE	Elite College of Engineering	West Bengal
38	UMA MAHESWARI S	ASSISTANT PROFESSOR	CSE	KUMARAGURU COLLEGE OF TECHNOLOGY	TAMILNADU
39	MEENAKSHI BHRUGUBANDA	Assistant professor	IT	Mahatma Gandhi Institute of Technology	Telangana
40	Pornima Ramekar	Asst. Professor	CSE	Milind College of Science, Aurangabad	Maharashtra
41	M P RAJAKUMAR	Professor	CSE	St.Joseph's College of Engineering	Tamilnadu
42	Y Mamilla	Asst. Prof	ECE	GEC	AP
43	CHANDAN KUMAR BARIK	Research scholar	CSE	North Orissa University, Takatpur, Bhubaneswar	Odisha
44	Srikanta Mondal	BTech	CSE	Elite College of Engineering	West Bengal
45	Mrs.NOMULA RAJESHWARI	Contract Lecturer	EEE	GOVERNMENT POLYTECHNIC CHERLAPATI	Telangana
46	AARTHI D	Assistant Professor	CSE	Karpagam College of Engineering	Tamil Nadu
47	SUGANTHI N	Professor	CSE	Kumaraguru College of Technology	Tamilnadu
48	Rambabu Chevala	Senior Grade Assistant	ECE	Gudlavalleru Engineering College	Andhra Pradesh
49	Sri Chakrapani Yellamraju	Associate Professor	ECE	Gudlavalleru Engineering College	Andhra Pradesh
50	Jayantil Naskar	Student	CSE	Elite College of Engineering	West Bengal
51	Rajdeep Ghosh	B.Tech	CSE	Elite College of Engineering	West Bengal
52	J. Kumaraswamy	Lecturer	EEE	Government polytechnic, cherial	Telangana
53	Dr. Ananda Babu T	Assistant Professor	ECE	Gudlavalleru Engineering College	Andhra Pradesh
54	P HARITHA	ASST PROFESSOR	CSE	GEETHANJALI COLLEGE OF ENGINEERING	Telangana
55	SUBBULAKSHMI V	Assistant Professor	IT	Velammal Engineering College	Tamilnadu
56	S Sindhura	Assistant Professor	CSE	KL University	Andhra Pradesh
57	AMU .D	Assistant Professor	CSE	ALPHA COLLEGE OF ENGINEERING AND TECHNOLOGY	Pondicherry
58	Sourav Singh	Student	CSE	ELITTE COLLEGE OF ENGINEERING	West Bengal
59	Srikanth Kosaraju	Assistant Professor	CSE	Pragati Engineering College	Andhra Pradesh
60	MADHURAM N	ASSISTANT PROFESSOR	IT	IFET COLLEGE OF ENGINEERING	Tamil Nadu
61	R Kalaiselvi	Assistant Professor	CSE	Kumaraguru College of Technology	Tamilnadu
62	Bolem Vamsy Krishna	Assistant Professor	ECE	Gudlavalleru Engineering College	Andhra Pradesh
63	Aswini D	Assistant Professor	CSE	Kumaraguru College of Technology	Tamil Nadu
64	ARULKUMAR KRISHNAN	LECTURER	ECE	IRT POLYTECHNIC COLLEGE BARGUR	TAMILNADU
65	Loya Lakshmi Praneetha	Assistant Professor	IT	Gudlavalleru Engineering College	Andhra Pradesh
66	M.Pravin Kumar	Assistant Professor	CSE	Vasavi College of Engineering	Telangana
67	Dr Nekkanti Kumaraswamy	Dean of academics	CE	Vasireddy Venkatadri Institute of Technology	Andhra Pradesh
68	T.Primya	Assistant Professor	CSE	Dr.N.G.P.Institute of Technology	Tamilnadu
69	Geetanjali Panda	Assistant Professor	CSE	Khalkote University	Odisha
70	U CHAITANYA	Assistant Professor	IT	MAHATMA GANDHI INSTITUTE OF TECHNOLOGY	TELANGANA
71	UTKALIKA SATAPATHY	Faculty	IT	College of Engineering and Technology	Odisha
72	R.SUDHA	Associate Professor	CSE	Vasavi College of Engineering	Telangana
73	V.Vanitha	Professor	IT	KCT	Tamil Nadu
74	R.Sri Devi	Research Scholar	CSE	Karpagam Academy of Higher Education	Tamilnadu
75	SATHYA D	Assistant Professor II	CSE	Kumaraguru College of Technology	Tamilnadu
76	S.Aruna.Deepti	Asst.prof	ECE	Vasavi college of engineering Hyderabad	Telangana
77	Keerthi Guttikonda	Assistant Professor	CSE	Gudlavalleru Engineering College	Andhra Pradesh
78	SUGANTHI N	Professor	CSE	Kumaraguru College of Technology	Tamilnadu
79	DEBARAJ RANA	Asst. Professor	ECE	Centurion University of Technology	Odisha
80	Swapna Donepudi	Assistant professor	CSE	P V P Siddhartha Institute of Technology	Andhra Pradesh
81	V P Sumathi	Associate Professor	CSE	Kumaraguru College of Technology	Tamilnadu
82	THIRUGNANAM.K	LECTURER	ECE	IRT POLYTECHNIC COLLEGE BARGUR	TAMILNADU
83	Ramanpreet Singh	Assistant Professor	CSE	Yadavindra College of Engineering	Punjab
84	N S SATYANARAYANA YEEMANI	ASSISTANT PROFESSOR	IT	GUDLAVALLERU ENGINEERING COLLEGE	AP

85	Bharathi Priya C	Assistant Professor	CSE	Kumaraguru College of Technology	TamilNadu
86	Om Prakash Singh	Asst. Professor	CSE	Vidya Vihar Institute of Technology	Bihar
87	Dr NEKKANTI KUMARASWAMY	DEAN OF ACADEMICS	CE	VASIREDDY VENKATDRI INSTITUTE O	AP
88	TUKKAPPA K GUNDOOR	research scholar	CSE	Karnataka University DHARWAD	Karnataka
89	Om Prakash Singh	Asst. Professor	CSE	Vidya Vihar Institute of Technology	Bihar
90	KULKARNI VAIBHAV VIJAY	Student	CSE	Dr. Babasaheb Ambedkar Marathwa	Maharashtra
91	Sukhwinder Singh Sran	Assistant Professor	CSE	YCoE Talwandi Sabo	Punjab
92	Argha Bagchi	Student	CSE	Elite College of Engineering	West Bengal
93	MANICKAM.M	LECTURER	EEE	IRT POLYTECHNIC COLLEGE, BARGUR	Tamil Nadu
94	S D.GAYATHRI	LECTURER	EEE	INSTITUTE OF ROAD TRANSPORT PO	Tamilnadu
95	R.VIJILA MARY	LECTURER	MATHEMATICS	IRT POLYTECHNIC COLLEGE, CHENNA	TAMIL NADU
96	RAJAKUMARI A	LECTURER	ECE	IRT POLYTECHNIC COLLEGE, CHROM	TAMILNADU
97	Raja Mallick	BTech,3rd year	CSE	Elite College of Engineering	West Bengal
98	Dr. S. Narayana	Professor	CSE	gudlalleru engineering college	andhra pradesh
99	KONDURU KRANTHI KUMAR	Assistant professor	IT	GUDLAVALLERU ENGINEERING COLL	Andhrapradesh
100	Dr.B.Nancharaiah	Professor	ECE	Usha Rama College of Engineering an	AP

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Coordinator

Professor

Dept. of Elect. & Commn. Engg.  
Gudlalleru Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLERU-521 356

## PHASE-II FEEDBACK REPORT

Timestamp	Participant Name	Designation	Department	Institute Name	State	How do you rate in overall, this STTP - Phase II	Do you face any issues while accessing/during the online sessions?	Are the questions related to technical concepts been answered to your satisfaction?	Is the supporting for other issues been attended promptly?
2020/08/22 12:08:14 pm GMT+	KARYAMPUDI RUSHENDRABABU	Assistant Professor	ECE	Gudlavalleru Engineering College	Andhra Pradesh	4	Video and Audio	Yes	Yes
2020/08/22 12:22:53 pm GMT+	Dr. Ch. Balaswamy	Professor	ECE	Gudlavalleru engineering college	Andhra Pradesh	4	Video and Audio	Yes	Yes
2020/08/22 6:51:19 pm GMT+	Suganya Arumugam	Assistant professor	IT	Karpagam college of engineering	TAMILNADU	4	Video and Audio	Yes	Yes
2020/08/22 6:51:31 pm GMT+	MUPPIDI DEEPIKAKRISHNA	Assistant Professor	ECE	Gudlavalleru Engineering College	Andhra Pradesh	4	Video and Audio	Yes	Yes
2020/08/22 6:51:32 pm GMT+	Dr. V SURYANARAYANA	PROFESSOR	CSE	RAMACHANDRA COLLEGE OF ENGINEERING	Andhra Pradesh	4	Video and Audio	Yes	Yes
2020/08/22 6:51:37 pm GMT+	TIBIN THOMAS	ASST. PROF.	CSE	Saintgits College of Engineering Kottayam	Kerala	4	Video and Audio	Yes	Yes
2020/08/22 6:51:38 pm GMT+	Nishath Ansari	Assistant Professor	CSE	B V Raju Institute of Technology	Telangana	4	Video and Audio	Yes	Yes
2020/08/22 6:51:44 pm GMT+	NANDIGAM MONIKA	ASSISTANT PROFESSOR	ECE	Gudlavalleru Engineering College	ANDHRA PRADESH	4	Video and Audio	Yes	Yes
2020/08/22 6:51:44 pm GMT+	V KEERTHI, Research Scholar	Research Scholar	CSE	Dravidian university	Andhra Pradesh	4	Video and Audio	Yes	Yes
2020/08/22 6:51:47 pm GMT+	NAMRATHA. M	Assistant Professor	CSE	B.M.S. College of Engineering	Karnataka	4	Video and Audio	Yes	Yes
2020/08/22 6:51:52 pm GMT+	Arjit Mondal	Student	CSE	Elite College of Engineering	West Bengal	4	Video and Audio	Yes	Yes
2020/08/22 6:51:53 pm GMT+	Dr. Vinu Sherimon	Lecturer	IT	Higher College of Technology	Muscat	4	Faced problem	Yes	Yes
2020/08/22 6:51:57 pm GMT+	Dr. R S Rao	Professor	ECE	GEC ,Gudlavalleru	Andhra Pradesh	3	Video and Audio	Yes	Yes
2020/08/22 6:51:59 pm GMT+	MADHURI M. SONKHASKAR	Asst.professor	ET	VESIT	Maharashtra	4	Video and Audio	Yes	Yes
2020/08/22 6:52:01 pm GMT+	SUSHANTA KUMAR SAHU	Assistant Professor	IEE	College of Engineering and Technology	Odisha	4	Video and Audio	Yes	Yes
2020/08/22 6:52:06 pm GMT+	Lohith J J	Assistant Professor	CS&E	B.M.S.College of Engineering	Karnataka	4	Video and Audio	Yes	Yes
2020/08/22 6:52:06 pm GMT+	K V VENKATESWARARAO	Assistant professor	ECE	GUDLAVALLERU ENGINEERING COLLEGE	Andhra Pradesh	4	Video and Audio	Yes	Yes
2020/08/22 6:52:06 pm GMT+	Parminder Singh	Associate Professor	IT	Chandigarh Engineering College, Landran	Punjab	4	Video and Audio	Yes	Yes
2020/08/22 6:52:09 pm GMT+	Prabhu K	Assistant Professor	IT	Sri Ramakrishna Institute of Technology	Tamil Nadu	4	Video and Audio	Yes	Yes
2020/08/22 6:52:17 pm GMT+	Bhavani Sankar Panda	Assistant Professor	CSE	GIET UNIVERSITY	Odisha	4	Video and Audio	Yes	Yes
2020/08/22 6:52:25 pm GMT+	Bhumika Alte	Assistant professor	CSE	Milind college of science, Aurangabad	Maharashtra	4	Video and Audio	Yes	Yes
2020/08/22 6:52:35 pm GMT+	CHRISTY ROSALIND S	LECTURER	ECE	IRT POLYTECHNIC COLLEGE, BARGUR	TAMILNADU	4	Video and Audio	Yes	Yes
2020/08/22 6:52:36 pm GMT+	Sudha V	Assistant Professor	CSE	Kumaraguru College of Technology	Tamil Nadu	4	Video and Audio	Yes	Yes
2020/08/22 6:52:38 pm GMT+	KanagaraJ Govindasamy	Assistant Professor	CSE	Kumaraguru College of Technology	Tamilnadu	4	Video and Audio	Yes	Yes
2020/08/22 6:52:45 pm GMT+	SI SRIKANTH	Lecturer	CE	Government polytechnic, cherial	Telangana	4	Video and Audio	Yes	Yes
2020/08/22 6:52:46 pm GMT+	V KEERTHI, Research Scholar	Research Scholar	CSE	Dravidian university	Andhra Pradesh	4	Video and Audio	Yes	Yes

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***AICTE Sponsored***  
**One Week National Level Online Short Term  
Training Program (STTP)**

**On**  
**"BLOCKCHAIN ARCHITECTURE DESIGN  
AND USE CASES"**

**17<sup>th</sup> – 22<sup>nd</sup> August, 2020 (Phase-II)**



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**A REPORT ON STTP (PHASE-II)**

The ECE department of Gudlavalleru Engineering College conducted One Week National Level Online Short Term Training Program (STTP) On **Blockchain Architecture Design and Use Cases (Phase-II)** from 17<sup>th</sup> – 22<sup>nd</sup> August, 2020. This STTP aims to discuss Hashing and Cryptography with Blockchain Implementation, the role of smart contracts and the potential applications of blockchain technology. The recent trends and challenges in Blockchain Architecture Design, imparting the overview of blockchain technology and its working principles. This program imparts the knowledge on Hashing and Cryptography with Blockchain Implementation. This training program provides the complete hands-on programming session where participants would build a decentralized application framework from scratch and deploy it using MEAN stack and focuses on Smart Contracts.

***Objectives of STTP:***

1. To know Hashing and Cryptography with Block chain Implementation.
2. To familiar with Smart contracts in the block chain technology an
3. To deploy the decentralized application frame using MEAN stack.
4. To create awareness on Smart contracts in the Blockchain Industry Applications.

The participants also got insights of research opportunities in Blockchain technology and challenges in Industry Applications. This STTP was coordinated by Dr. Ch.Balaswamy, Professor, ECE Department of Gudlavalleru Engineering College Gudlavalleru.

The topics covered during this STTP are:

- Hashing and Cryptography with Blockchain Implementation.
- Role of Smart Contracts and the potential applications of blockchain technology.
- Building a Decentralized Application Framework from Scratch with MEAN stack
- Complete hands-on programming session where participants would build a decentralized application framework from scratch and deploy it using MEAN stack Operations
- Research opportunities in the field of Smart Contracts.

The resource persons are:

**Academicians:**

*Dr.Sugata Gangopadhyay, Professor, IIT Roorkee*

*Dr. Raju Halder, Asst.Professor, IIT Patna*

*Dr. Modi Chirag Navinchandra, Asst.Professor, NIT, Goa*

**Industry experts**

*Sri. Hanu Yeduri, Founder & CEO, Brainlabs, Hyderabad*

*Mr.Revanth Kumar, Founder & CEO, Unturtle Technologies, Hyderabad*

*Mr.Bipul Kumar Sahi, Blockchain Expert and Trainer.*

The formal inaugural function of STTP scheduled at 9.30AM on 17-08-2020 (Monday) through virtual Mode: ZOOM Platform. The STTP phase-II was inaugurated by the Head of the department, ECE Dr.V.V.K.D.V.Prasad and Mentor of the department Dr.M.Kama Raju along with the coordinator, Dr.Ch.Balaswamy.

**Day 1 (17-08-2020)-Morning Session:**



The first Session Talk on "Part-II of Hashing and Cryptography with Blockchain Implementation" delivered by Dr.Sugata Gangopadhyay, Professor, IIT Roorkee. In this session mainly briefed about the topics of Hashing different types of hashing algorithms, SHA-256, bitcoins to blockchain, open ledger, usage of blockchain in crypto currencies, how the transactions will be done using blockchain technology have been explained to the participants and several research topics are discussed at the end of the session.

**Day 1 (17-08-2020)-Evening Session:**

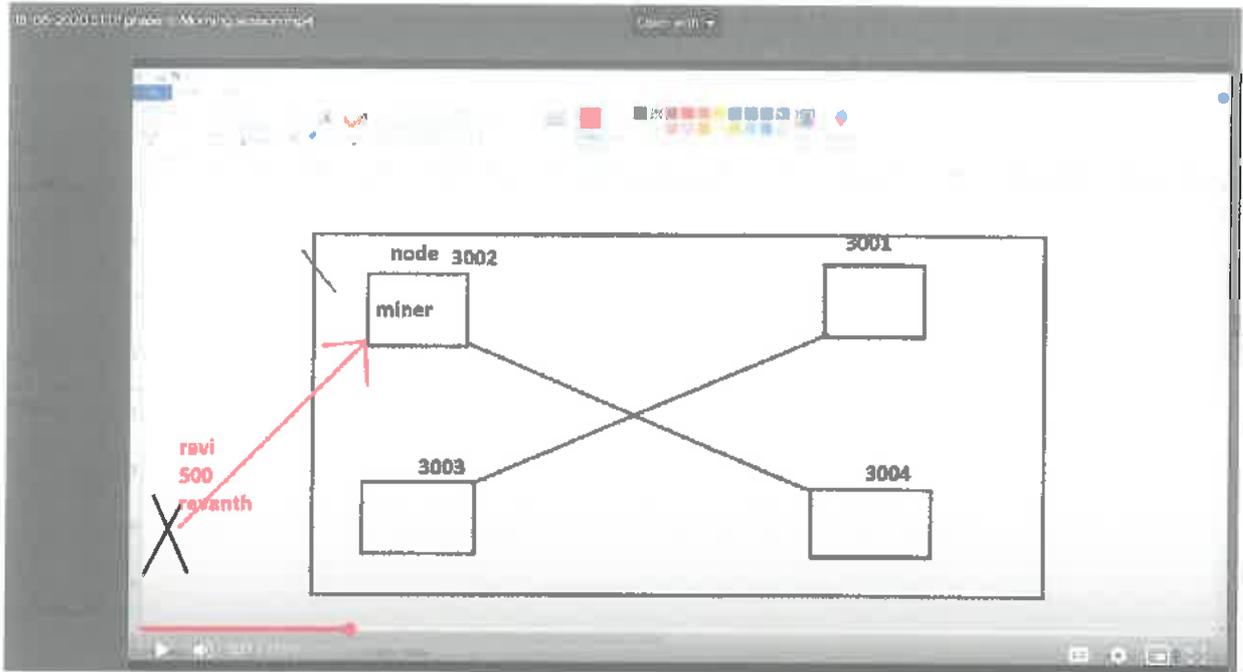


Dr. Raju Halder, Assistant Professor, IIT, Patna has delivered a talk on "Smart Contracts". In this session the participants learned about the role of Smart Contracts and the potential applications of blockchain technology. The design issues in the programming language used to write smart contracts have been discussed. The key issues namely codifying, security, privacy and performance issues have been discussed. At the end of the session the applications of smart contracts in blockchain technology have been discussed.

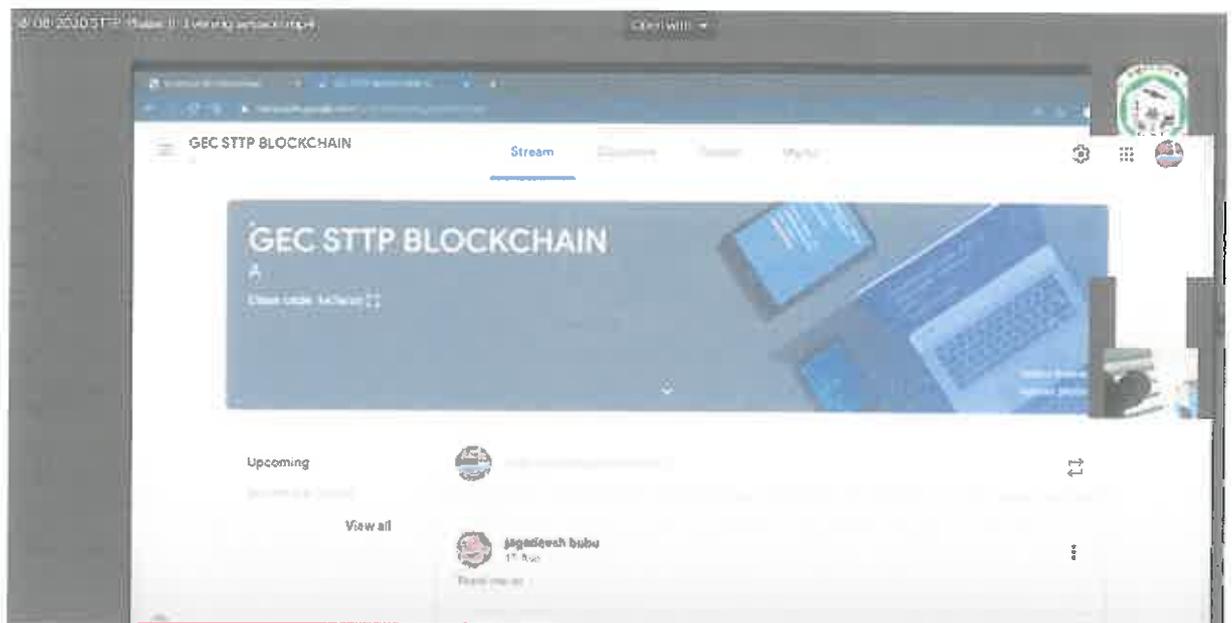
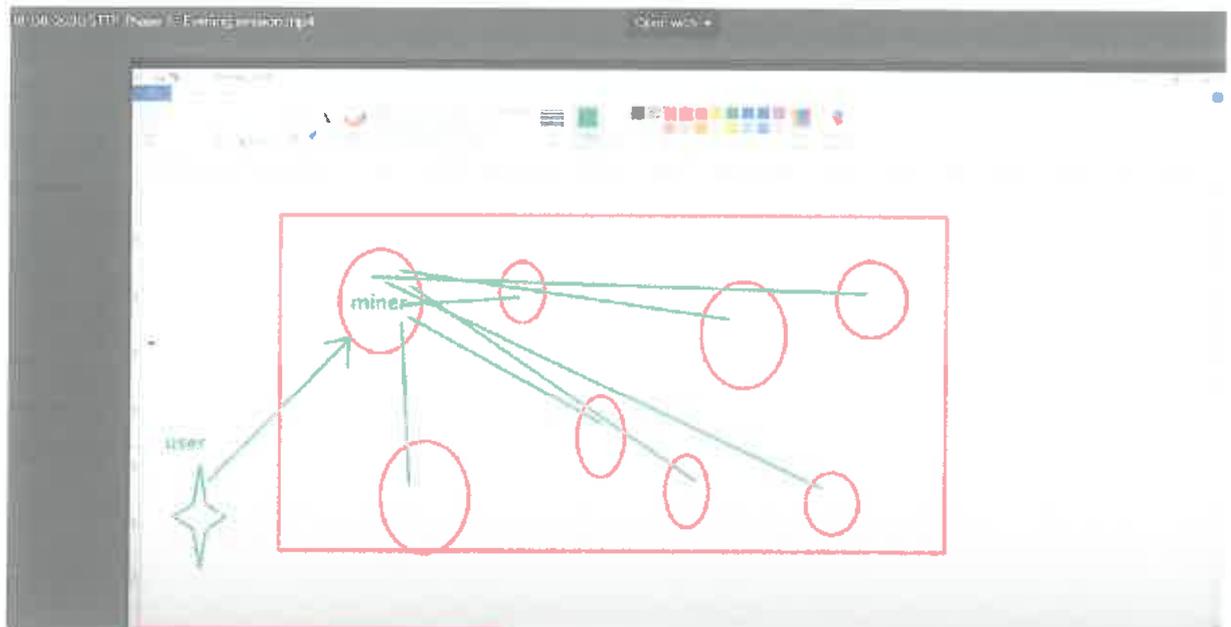
**Day 2 (18-08-2020): Hands-on: Part-II of Building a Decentralized Application Framework from Scratch with MEAN stack:**

Mr.Revanth Kumar, Founder & CEO, Unturtle Technologies, Hyderabad conducted hands-on session on the 'Part-II of Building a Decentralized Application Framework from Scratch with MEAN stack'. Creating minors, post calls, how the minors will communicate each other, how the minors will take the transaction from the minors, Complete hands-on programming sessions are carried out where

participants would build a decentralized application framework from scratch and deploy it using MEAN stack have been conducted.

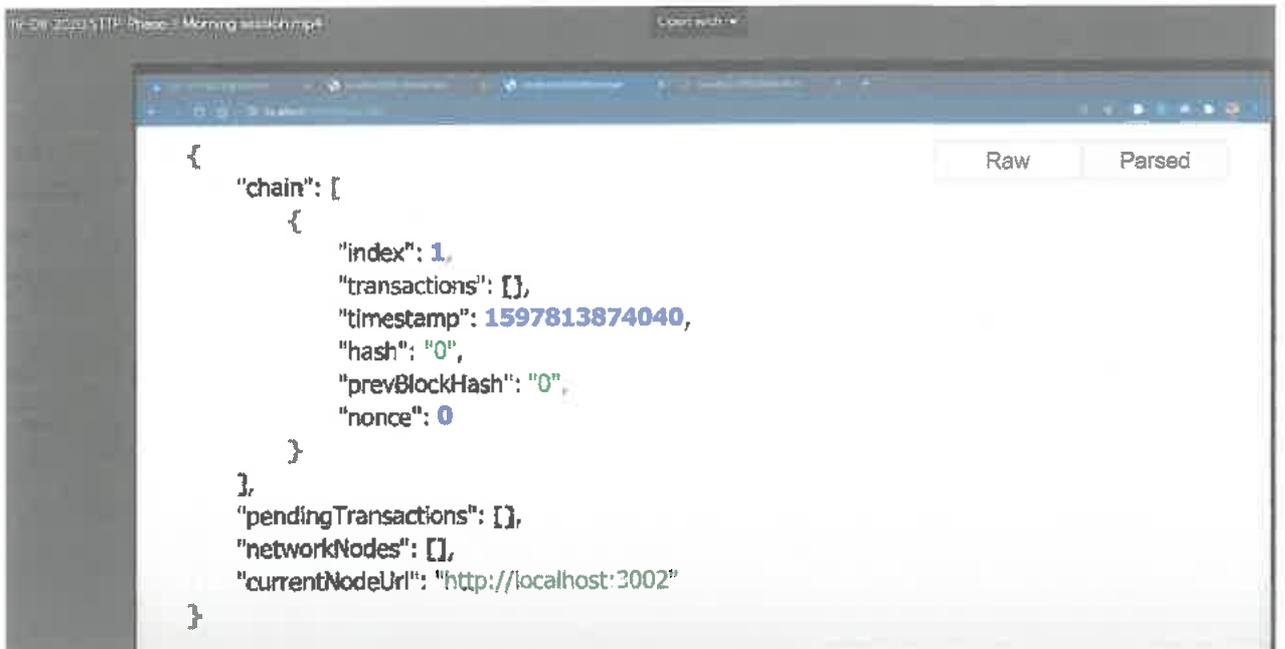


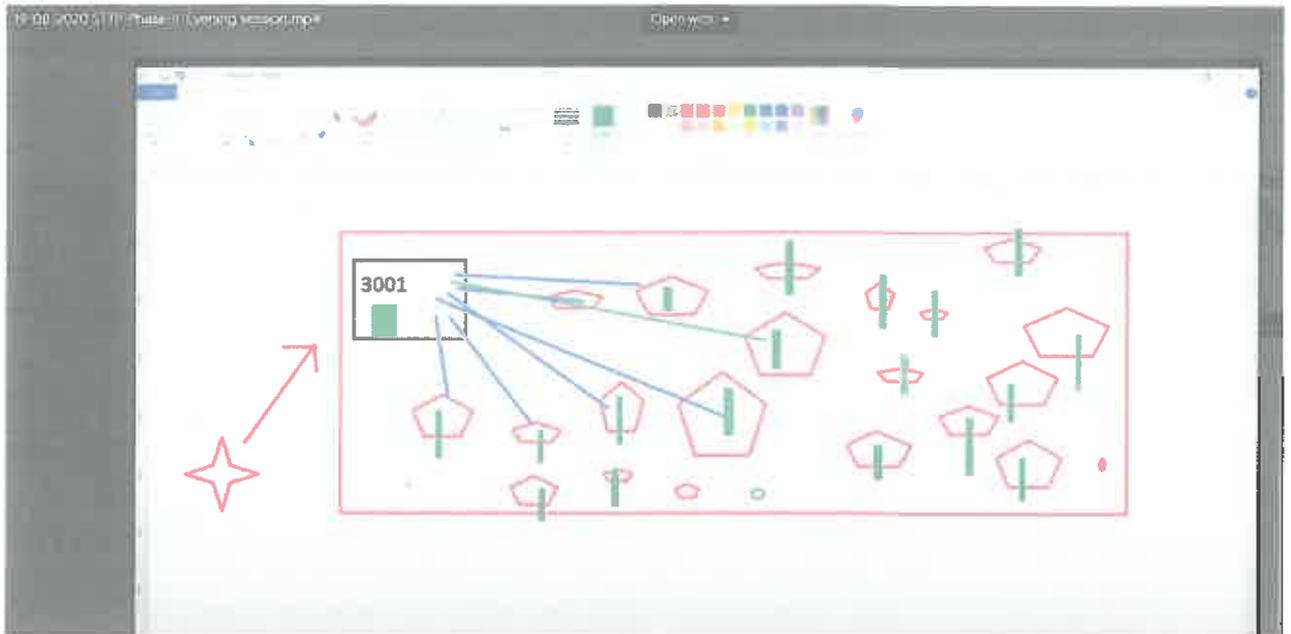
```
1  // NetworkID()
2  // ...
3  // ...
4  // ...
5  // ...
6  // ...
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```



**Day 3 (19-08-2020): Hands-on: Part-II of Building a Decentralized Application Framework from Scratch with MEAN stack:**

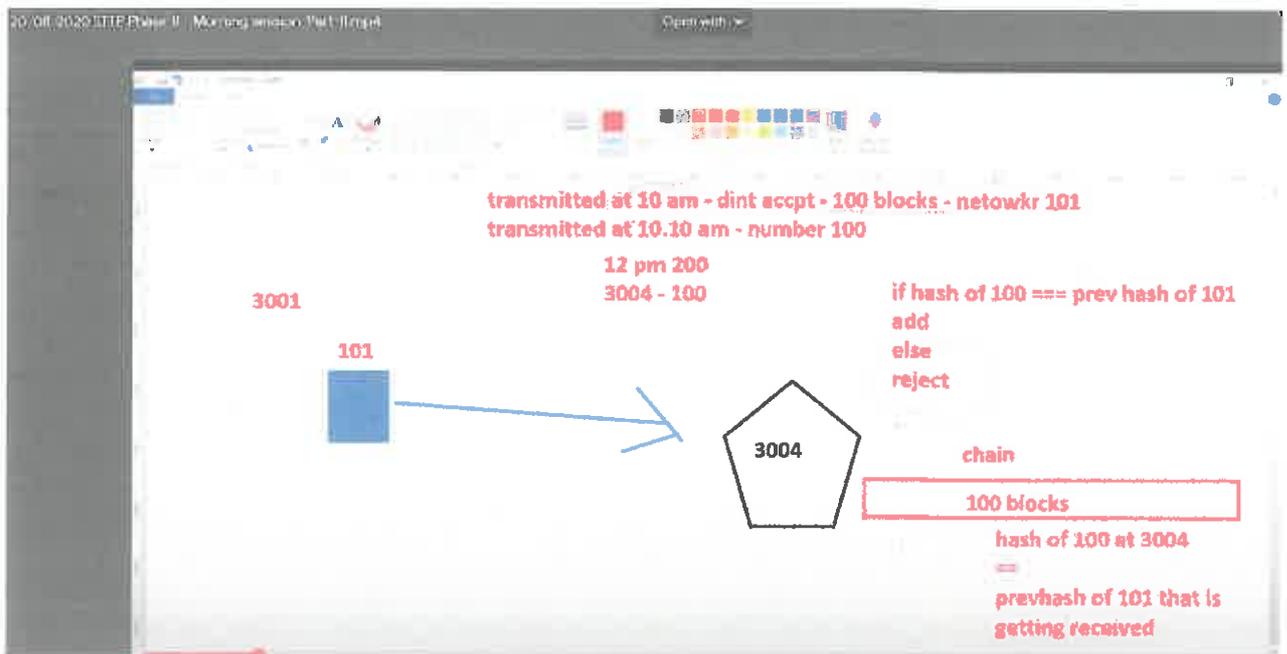
Complete Hands-on on how to generate hash for the block, how to create A transaction and add it to the pending transactions array, how to construct the parent constructor for a blockchain, how to create the nodes and put sync with each other, how to broadcast the transactions, and in the evening session, how the mining process will be done over the network, and how to make the nodes listen to multiple addresses have been given with hands-on training.



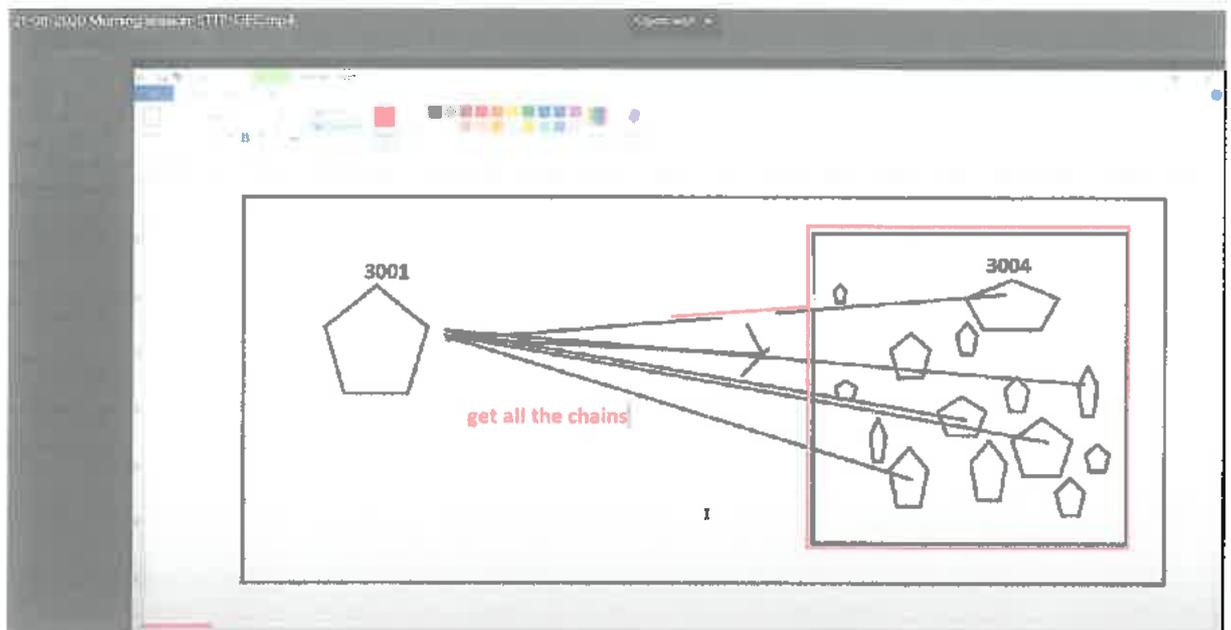


**Day 4 (20-08-2020): Hands-on: Validations to check whether the created blocks are legit or not:**

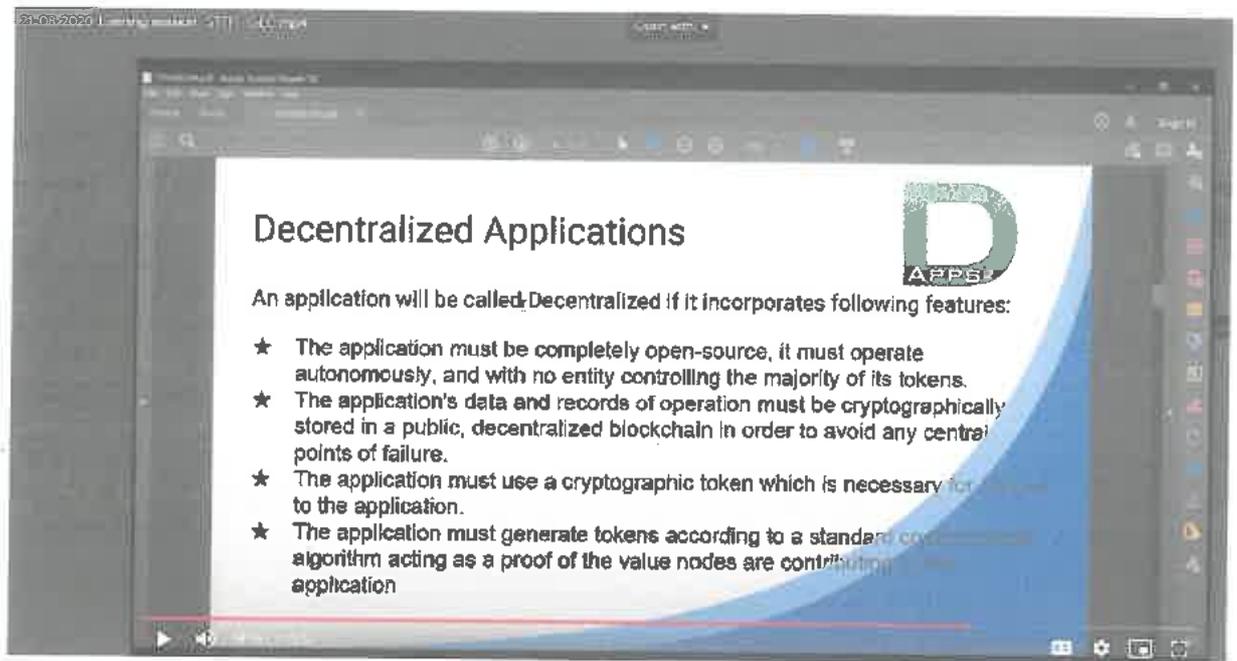
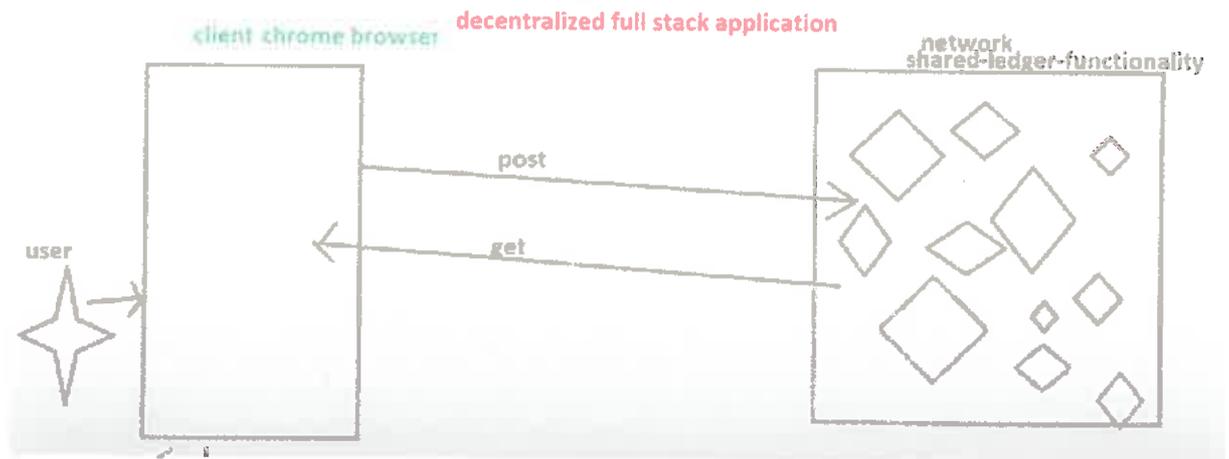
Conducted complete hands-on sessions on the topics 'How to check the validations whether the blocks are legit or not, how to make the nodes listen to multiple network-part II, how to reward the node which created and broadcasted the block, different rewarding functionalities, how to broadcast the newly created block information to all the other nodes etc., have been given hands-on.







On day 5 evening session, the decentralized full stack application has been discussed with hands-on training. How the user communicates with shared ledger through the client chrome browser is addressed in this session using post and get calls to locate the account in bank statements. The web application implementation and decentralized applications were also addressed.

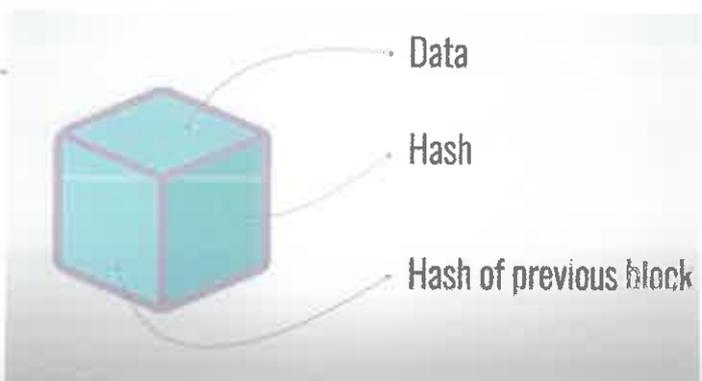


**Day 6 (22-08-2020): Hands-on: Topics on Hashing, bitcoin, and Consensus In the blockchain.**

In this session the topics on hashing, how the bitcoins are generated, what is the concept of Consensus in the blockchain have been addressed. Many use cases have been addressed such as, banking system, healthcare system, Government record handling such as aadhar information, medical care information, diagnostic information, voting system in the elections and how these use cases can be converted into blockchain applications which can address privacy and trust. E-notary system also addressed where all the land records are stored. The blockchain technology can be used by not only humans, but also nonhumans such as Robots, sensors, and computer programs etc.

2706: 2020 Mining session - STP/GECComp4

Open with



The diagram shows a 3D teal cube representing a block. Three arrows point from the cube to labels: 'Data' points to the top face, 'Hash' points to the right face, and 'Hash of previous block' points to the bottom face.

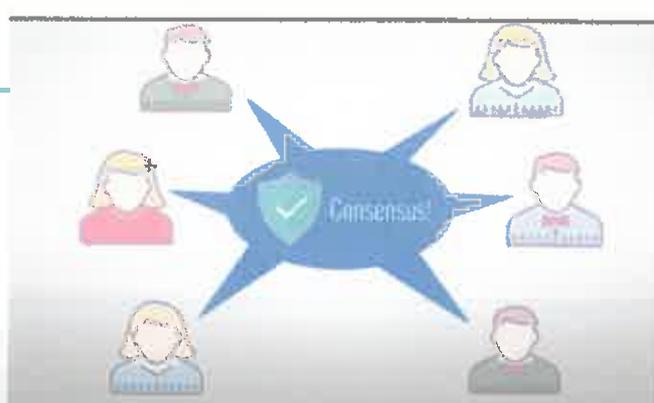
Data

Hash

Hash of previous block

2706: 2020 Mining session - STP/GECComp4

Open with



The diagram features a central blue starburst shape with a green checkmark and the word 'Consensus!'. Six stylized human icons are arranged around the starburst, with lines connecting them to the central shape, representing a network of nodes reaching a consensus.

Consensus!

2706: 2020 Mining session - STP/GECComp4

Open with



A photograph of a large-scale mining operation. The scene is filled with long, parallel rows of industrial machinery, likely Bitcoin miners, stretching into the distance. A person in a yellow safety vest is visible in the foreground, working among the equipment. The lighting is bright, creating a high-contrast environment.



On Day-6 (22-08-2020) evening session, Dr. Modi Chirag Naveen chandra, NIT, Goa have taken session and delivered a talk on 'Smart Contracts'. The solidity which is widely used for implementing the smart contract, the applications and use cases of smart contracts were addressed. At the end, the concept of Ethereum have been addressed.

Finally, after end of the sessions in the last day a formal valedictory function conducted. In this session the HoD of ECE, Dr. V.V.K.D.V Prasad gave the observations made during this STTP Phase-2 program. He also invited the participants to join for other two phases of this STTP Phase -3.

Then the coordinator of STTP gave the overall remarks on the program. The faculty, research scholars and working Engineers are participated and a total of 100 registrations have been made.

During the valedictory session few participants give their feedback on the program. The coordinator conveyed his thanks to all the participants for their active participation in the STTP. The coordinator expressed his gratitude towards AICTE for sanctioning this event to ECE department of GEC Gudlavalleru. Followed by valedictory function, an online test conducted for the assessment of participants learning skills.

#### Signatures of the Program Evaluation Committee:

1. Chairperson:

  
Dr.P.Ravindra Babu,  
Principal  
Gudlavalleru Engineering College, Gudlavalleru.

2. Member Secretary:

  
Dr.Ch.Balaswamy  
Professor & Coordinator of STTP, ECE  
Gudlavalleru Engineering College, Gudlavalleru.

3. Member:

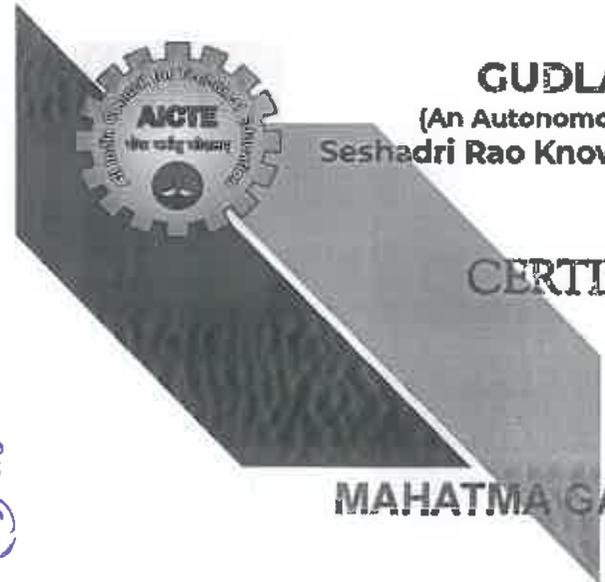
  
Dr.V.V.K.D.V.Prasad  
Professor & Head of the Department, ECE  
Gudlavalleru Engineering College, Gudlavalleru.

4. Member:

  
Dr.S.Narayana  
Professor & Head of the Department, CSE  
Gudlavalleru Engineering College, Gudlavalleru.

5. Member:

  
Dr.M.Baburao  
Professor & Subject Expert, CSE  
Gudlavalleru Engineering College, Gudlavalleru.



# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village::Gudlavalleru, Krishna District, A.P: 521356



## CERTIFICATE OF PARTICIPATION

This is to certify that

**U CHAITANYA**

from

**MAHATMA GANDHI INSTITUTE OF TECHNOLOGY**

has participated in AICTE sponsored Online Short Term Training Programme on "Blockchain Architecture Design and Use Cases" (Decentralized Network Synchronization) Phase-II organized by Department of Electronics and Communication Engineering from 17-08-2020 to 22-08-2020.

Dr. Ch. Balaswamy  
Coordinator, STTP

Dr. V. V. K. D. V. Prasad  
Prof. & HoD

Dr. M. Kamaraju  
Prof. & Mentor

Dr. P. Ravindra Babu  
Principal

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## **GUDLAVALLERU ENGINEERING COLLEGE**

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village::Gudlavalleru, Krishna District, A.P: 521356



### **CERTIFICATE OF PARTICIPATION**

This is to certify that

**Sreelakshmi Vadlamudi**

from

**Gudlavalleru Engineering College**

has participated in AICTE sponsored Online Short Term Training Programme on "Blockchain Architecture Design and Use Cases" (Decentralized Network Synchronization) Phase-II organized by Department of Electronics and Communication Engineering from 17-08-2020 to 22-08-2020.

Dr. Ch. Balaswamy  
Coordinator, STTP

Dr. V. V. K. D. V. Prasad  
Prof. & HoD

Dr. M. Kamaraju  
Prof. & Mentor

Dr. P. Ravindra Babu  
Principal

Pg-770

# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village::Gudlavalleru, Krishna District, A.P: 521356



## CERTIFICATE OF PARTICIPATION

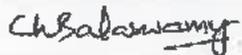
This is to certify that

**GANTA NAGA SANDHYA DEVI**

from

**Gudlavalleru Engineering College**

has participated in AICTE sponsored Online Short Term Training Programme on "Blockchain Architecture Design and Use Cases" (Decentralized Network Synchronization) Phase-II organized by Department of Electronics and Communication Engineering from 17-08-2020 to 22-08-2020.



Dr. Ch. Balaswamy  
Coordinator, STTP



Dr. V. V. K. D. V. Prasad  
Prof. & HoD



Dr. M. Kamaraju  
Prof. & Mentor



Dr. P. Ravindra Babu  
Principal

4-20



**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village::Gudlavalleru, Krishna District, A.P: 521356



**CERTIFICATE OF PARTICIPATION**

This is to certify that

**Geetanjali Panda**

from

**Khalikote University**

has participated in AICTE sponsored Online Short Term Training Programme on "Blockchain Architecture Design and Use Cases" (Decentralized Network Synchronization) Phase-II organized by Department of Electronics and Communication Engineering from 17-08-2020 to 22-08-2020.

*Ch. Balaswamy*

Dr. Ch. Balaswamy  
Coordinator, STTP

*V. V. K. D. V. Prasad*

Dr. V. V. K. D. V. Prasad  
Prof. & HoD

*M. Kamaraju*

Dr. M. Kamaraju  
Prof. & Mentor

*P. Ravindra Babu*

Dr. P. Ravindra Babu  
Principal

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**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village::Gudlavalleru

**AICTE sponsored Online Short Term Training Programme on**  
**"Blockchain Architecture Design and Use Cases" Phase-III**  
**24 - 29, August 2020**

**STATEMENT OF EXPENDITURE**

S. No.	Purpose		Amount (Rs.)	Total Amount (Rs.)
1	Honorarium for experts	Dr. Raju halder, Asst. Professor, IIT Patna	18000.00	75000.00
		Mr.Revanth Kumar Mudidana, Founder and CEO, Unturtle	47000.00	
		Mr.Hanu Yedluri, Brain Labs (AI), Hyderabad	10000.00	
2	Honorarium for Coordinator	Dr. Ch.Balaswamy Professor, Gudlavalleru Engineering College	5000.00	5000.00
3	Lab attendant engaged during lab practices	Mr.B.Vamsi Krishna, Asst.Prof. Gudlavalleru Engineering College	3000.00	3000.00
4	Miscellaneous charges	Wacam Baboopad (Hardware to conduct online sessions)	5800.00	10000.00
		Logitech C270 Webcam (Hardware to conduct online sessions)	2200.00	
		Towards refreshments	2000.00	
Grand total		(Ninety three thousand rupees only)		93000.00

1) Name, Signature & Address of the Coordinator with Seal:

*Dr. Ch. BALASWAMY* *Professor*

Dept. of Elect. & Commn. E  
Gudlavalleru Engineering Co  
Seshadri Rao Knowledge Vi  
GUDLAVALLERU-521 35



2) Signature of Chartered Accountant:

Name of Chartered Accountant:  
Membership No:  
Rubber Stamp:  
Full Address: *Satyanarayana, B.Com., F.C.A.*

3) Signature of Head of the Institute;

Name & Designation of the Head of the Institute:  
Rubber Stamp:  
Full Address: *PRINCIPAL Gudlavalleru Engineering College- GUDLAVALLERU-521356*  
Date:



Date:  
Partner: *M/s. Siva Krishna & Narayan*  
Chartered Accountants  
ICAI Regn. No: *0038835*

#### About the College:

The college, established in 1998 is promoted by AANM & VVRSR Educational Society and is located amidst green surroundings in the outskirts of Gudlavalluru. The B.Tech Programme of CSE Department is accorded the status of accredited for five years and the EEE, ME, ECE, and IT programmes are provisionally accredited for three years.

The College accredited by NAAC with "A" grade. The college also obtained status of permanent affiliation to University, JNTUK, Kakinada and grant of Autonomous status to the institution by UGC, since 2014.

The College also offers M.Tech. Programs in ECE, EEE CSE, ME and Civil Engineering in addition to MBA program.

#### About the Department:

The department is offering B.Tech Programme in Electronics and Communication Engineering since 1998 along with M.Tech in VLSI Design and Embedded Systems Since 2019. B.Tech (ECE) accredited by NBA for three years w.e.f.2019-2020. The department is offering B.Tech-IoT from the Academic Year 2020-21.

The department has well qualified staff specialized in Microelectronics, Instrumentation and Control, Digital Systems & Computer Electronics, Digital Communication and Networks, Systems & Signal Processing, Microwave Engineering, VLSI Design. Department Labs are equipped with specialized equipment like spectrum analyzer, Digital Storage Oscilloscope, Universal Programmer, Curve Tracer, DSP, VLSI & Embedded System Development Kits supported by software like CCS (Code Composer Studio) for DSP, MATLAB, Aldec VHDL, Xilinx vivado FPGA Express, Altera Quartus-II, Mentor Graphics (Front End, Back End Tools), Xilinx 14.1i (Project Navigator), Modelsim, Multisim, Ride, LabVIEW, TI based embedded systems Robots and IoT etc.

#### About the Short Term Training Programme:

- ❖ The Resource persons hosting from IITs, NITs, and various reputed industrial organizations.
- ❖ After attending this AICTE-Short Term Training Programme participants are able to acquire the knowledge of Blockchain Technology and its challenges to be taken with innovative research methodologies with Hands-on Training in the area of Smart Contracts with ethereum and Solidity..

#### Objectives:

- ❖ This Short Term Training Programme aimed at Faculty members and Research scholars of AICTE sponsored engineering colleges
- ❖ To extend their knowledge of individuals and research activities in near future using Hands-on Training.

#### Resource Persons from IITs and NITs:

1. Dr. Raju Halder  
Assistant Professor  
Department of Computer Science and Engineering  
IIT, Patna
2. Dr. Modi Chirag Navinchandra  
Assistant Professor  
Department of Computer Science and Engineering  
NIT, Goa

#### Resource Persons from Industries:

1. Hanu Yedhuri,  
CEO, Brain Labs, AI  
Bangalore
2. Revanth Kumar,  
Founder, CEO, Unturtle Technologies, Hyd  
Co-director, Startup Grind.
3. Bipul Kumar Shahi, Block chain Expert.



**AICTE sponsored  
Online**

**Short Term Training  
Programme**

**on**

**"Blockchain Architecture Design  
and Use Cases"**

**(Smart Contracts with ethereum and Solidity)**

**(Phase-III)**

**24<sup>th</sup> – 29<sup>th</sup>, August 2020**

#### GUIDE LINES:

- > No registration FEE.
- > 100% attendance is mandatory to issue e-certificate
- > Registration must be done using google form.  
<https://forms.gle/3BiSc442G7GXucS6>
- > e-participation certificate will be provided through your e-mail only after given overall feedback.

#### Dates to Remember:

- Last date for Registration: 23<sup>rd</sup> August, 2020.
- AICTE-STTP programme : 24<sup>th</sup>- 29<sup>th</sup> August, 2020 (Everyday two sessions)

#### Eligibility:

Faculty members and Research scholars of AICTE sponsored Engineering Colleges (All departments).

**Chief Patron:**

AANM & VVRSR Educational Society

**Patrons:**

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Dr.M.Kamaraju, Professor & Mentor, (AS&A), ECE

Dr.V.V.K.D.V.Prasad, Professor & HoD, ECE

**Coordinator:**

Dr.Ch.Balaswamy, Professor, ECE

**Advisory Committee:**

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Dr.S.Ravi, Assoc. Prof., ECE

Dr.T.Ananda Babu, Ass.Prof.,ECE

**Address for Correspondence:**

Convener,

AICTE-STTP Programme,

Department of ECE

Godlavalleru Engineering College, Godlavalleru.

Further Details Contact:

Coordinator

Dr.Ch.Balaswamy

Phone: 8374438095

Email: [balaswamy@gecgodlavalleru.ac.in](mailto:balaswamy@gecgodlavalleru.ac.in)

**Registration link:**

<https://forms.gle/f3BISc442G7GXucS6>

**Dates:** 24<sup>th</sup> -29<sup>th</sup> August, 2020 (Everyday 2 sessions)

**Timings:** Session 1:10:00AM to 11:30AM and

Session 2: 6:00PM to 7:30 PM



GUDLAVALLERU ENGINEERING COLLEGE



**AICTE sponsored  
Online  
Short Term Training  
Programme**

on

**"Blockchain Architecture Design  
and Use Cases"**

*(Smart Contracts with ethereum and Solidity)*

**(Phase-III)**

**24<sup>th</sup> - 29<sup>th</sup> August, 2020**

Organized by

Department

of

**Electronics & Communication Engineering**

**Godlavalleru Engineering College**

*(Autonomous)*

*(Sponsored by AANM & VVRSR Educational Society)*

**SESHADRI RAO KNOWLEDGE VILLAGE**

**Godlavalleru, Krishna District**

**Andhra Pradesh-521356**

**(Affiliated to JNTUK, KAKTINADA)**

**Phone: 08674 - 273737, 273888, Fax: 08674 -273957**

**Website: [www.gecgodlavalleru.ac.in](http://www.gecgodlavalleru.ac.in)**

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**AICTE sponsored  
Online**



**Short Term Training Programme on  
"Blockchain Architecture Design and Use Cases"  
(Smart Contracts with Ethereum and Solidity)  
(Phase-III)**

**24<sup>th</sup> – 29<sup>th</sup>, August 2020**

**Schedule (Phase-III)**

Date	Time	Resource Person	Topic
24-08-2020	10.00 AM–11.30 AM	Dr. Raju Halдар IIT Patna	Ethereum: A blockchain based smart contract platform
	2.00 PM – 3.30 PM	Revanth Kumar Founder & CEO, Unturtle Technologies,	Blockchain Application in Supply chain Management
25-08-2020	10.00 AM–11.30 AM	Mr.Bipul Sahi, Blockchain Expert	Building Decentralized Applications using Ethereum
	6.00 PM–7.30 PM	Dr. Raju Halдар IIT Patna	Introduction to Solidity Language and Smart Contract developments
26-08-2020	10.00 AM–11.30 AM	Mr.Bipul Sahi, Blockchain Expert	Building Decentralized Applications using Ethereum – Hands-on Training
	6.00 PM–7.30 PM		
27-08-2020	10.00 AM–11.30 AM		
	6.00 PM–7.30 PM		
28-08-2020	10.00 AM–11.30 AM		
	6.00 PM–7.30 PM		
29-08-2020	10.00 AM–12.00 PM	Hanu Yedluri Founder CEO, Brainlabs, Ai	Applications of Blockchain and research areas
	5.00 PM–6.30 PM		
	6.30 PM–7.00 PM		Q&A and valedictory session

*C. Babu*  
Coordinator, STTP  
Professor

Dept. of Elect. & Commn. Engg.  
Gudlavalluru Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLERU-521 356

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**GUDLAVALLERU ENGINEERING COLLEGE**  
 (An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
 Seshadri Rao Knowledge Village, Gudlavalleru – 521356, Krishna District (A.P.)  
**Department of Electronics and Communication Engineering**  
**AICTE Sponsored Short Term Training Program (STTP) on "Blockchain**  
**Architecture Design and Use Cases" Phase-III**  
**Participants List**

Dates: 24-29/08/2020

S.No.	Participant Name	Designation	Department	Institute Name	State
1	KARYAMPUDI RUSHENDRABABU	ASSISTANT PROFESSOR	ECE	GUDLAVALLERU ENGINEERING	ANDHRA PRADESH
2	Dr.Ch.Balaswamy	Professor	ECE	Gudlavalleru Engineering College	Andhra Pradesh
3	Dr Phani Praveen Surapaneni	Assistant Professor	CSE	PVPSIT	Andhra Pradesh
4	S Sindhura	Assistant Professor	CSE	KL University	Andhra Pradesh
5	Swapna Donepudi	Assistant professor	CSE	P V P Siddhartha Institute of Technology	Andhra Pradesh
6	AMARNATHA SARMA CH	Associate Professor	ECE	PBR VITS	USA
7	MALLAMPATI PURNA KISHORE	Associate Professor	Ece	NRIT	Andhra Pradesh
8	Suganya Anumugam	Assistant professor	IT	Karpagam college of engineering	TAMILNADU
9	MEENAKSHI BHRUGUBANDA	Assistant professor	IT	Mahatma Gandhi Institute of Technology	Telangana
10	Madhuri M Sonkhaskar	Asst.professor	ECE	VESIT	Maharashtra
11	Srikanta Mondal	BTech	CSE	Elite College of Engineering	West Bengal
12	AARTHI D	Assistant Professor	CSE	Karpagam College of Engineering	Tamil Nadu
13	SUBBULAKSHMI V	Assistant Professor	IT	Velammal Engineering College	Tamilnadu
14	Jandhyam lakshmi Alekhyia	Assistant professor	CSE	Gudlavalleru engineering college	Andhra Pradesh
15	K V VENKATESWARARAO	Assistant professor	ECE	GUDLAVALLERU ENGINEERING	Andhra Pradesh
16	Bhavanil Sanikar Panda	Assistant Professor	CSE	GIET UNIVERSITY	Odisha
17	S.Aruna Deepthi	Asst prof	ECE	Vasavi college of engineering	TELANGANA
18	U CHAITANYA	Assistant Professor	IT	MAHATMA GANDHI INSTITUTE	TELANGANA
19	Manojkumar kamble	Student	CSE	KARNATAKA UNIVERSITY DHARwad	KARNATAKA
20	M.MANICKAM	LECTURER	EEE	IRT POLYTECHNIC COLLEGE, BA	Tamil Nadu
21	SUSHANTA KUMAR SAHU	Assistant Professor	IE	College of Engineering and Technology	Odisha
22	Sreelakshmi Vadlamudi	Assistant Professor	ECE	Gudlavalleru Engineering College	Andhra Pradesh
23	cynthia Jayapal	Professor	CSE	Kumaraguru College of Technology	Tamil Nadu
24	KALEPU VEERA SUNAYANA	Student	IT	Mahatma Gandhi Institute of Technology	Telangana
25	SUBHASHINI TATA	Assistant professor	ECE	GUDLAVALLERU ENGINEERING	ANDHRA PRADESH
26	Dr. RAVISANKAR MALLADI	Associate Professor	CSE	Gudlavalleru Engineering College	Andhra Pradesh
27	Arjit Mondal	Student	CSE	Elite College of Engineering	West Bengal
28	RAMA KRISHNA PALADUGU	ASSISTANT PROFESSOR	CSE	RVR & JC COLLEGE OF ENGINEERING	Andhra Pradesh
29	NANDIGAM MONIKA	Assistant professor	ECE	Gudlavalleru Engineering College	Andhra Pradesh
30	B Nagasirisha	Assistant professor	ECE	Gudlavalleru Engineering College	Andhra Pradesh
31	Hemanand Chittapragada	Assistant Professor	CSE	RAMACHANDRA COLLEGE OF ENGINEERING	ANDHRA PRADESH
32	Mrs. Gayathri K S	Assistant Professor	CSE	Mar Basellos College of Engineering	Kerala
33	M KONDAIAH	Assistant Professor	E C E	Ramireddy Subbaram Reddy Engineering	Andhra Pradesh

34	Sudha V	Assistant Professor	CSE	Kumaraguru College of Technol	Tamil Nadu
35	I SRIKANTH	Lecturer	CE	Government polytechnic , cherl	Telangana
36	TEKKALI CHANDANA GOURI	Assistant Professor	CSE	Nadimpalli Satyanarayana Raju	Andhrapradesh
37	A. Srinivas	Assistant Professor	ECE	KITS-Warangal	Telangana
38	Pawan Hegde	Assistant Professor	CSE	NMAMIT Nitte	Karnataka
39	Thota. Venkata Lakshmi	Associate Professor	ECE	Gudlavalleru Engineering Colleg	Andhra Pradesh
40	N.MADHURAM	ASSISTANT PROFESSOR	IT	IFET COLLEGE OF ENGINEERING	Tamil Nadu
41	KONDURU KRANTHI KUMAR	Assistant professor	IT	GUDLAVALLERU ENGINEERING	Andhrapradesh
42	S.D.GAYATHRI	LECTURER	EEE	INSTITUTE OF ROAD TRANSPOR	Tamilnadu
43	P HARITHA	ASST PROFESSOR	CSE	GEETHANJALI COLLEGE OF ENG	Telangana
44	Sri Chakrapani Yellamraju	Associate Professor	ECE	Gudlavalleru	Andhra Pradesh
45	Parminder Singh	Associate Professor	IT	Chandigarh Engineering College	Punjab
46	Y Mamillu	Asst. Prof	ECE	GEC, Gudlavalleru	AP
47	Sukhwinder Singh Sran	Assistant Professor	CSE	YCOE Talwandi Sabo	Punjab
48	Nilofer kittad	Assistant professor	CSE	Cummins college of engg Pune	Maharashtra
49	NAMRATHA. M	Assistant Professor	CSE	B.M.S.College of Engineering	Karnataka
50	Anjali Naik	Assistant Professor	CSE	Cummins College of Engineering	Maharashtra
51	V.Vanitha	Professor	IT	Kumaraguru College of Technol	Tamil Nadu
52	DEBARAJ RANA	Asst. Professor	ECE	Centurion University of Technol	Odisha
53	Anupama Arjun Pandit	Ph.D scolar	CSE	Diat	Maharashtra
54	Dr. B Rama Devi	Associate professor	IT	Lakireddy Bali Reddy College of	Andhra Pradesh
55	Dr.Vinu Sherimon	Lecturer	IT	Higher College of Technology	Muscat
56	Keerthi Guttikonda	Assistant Professor	CSE	Gudlavalleru Engineering Colleg	Andhra Pradesh
57	Ramanpreet Singh	Assistant Professor	CSE	Yadavindra College of Engineeri	Punjab
58	AKHILESH KUMAR SINGH	Research Scholar	CSE	JNU New Delhi	Delhi
59	TELLAM RAMESH	Contract Lecturer	EEE	Government Polytechnic,MBNR	Telangana
60	R.Sri Devi	Research Scholar	CSE	Karpagam Academy of Higher E	Tamilnadu
61	CHRISTY ROSALIND S	LECTURER	ECE	IRT POLYTECHNIC COLLEGE, BA	TAMILNADU
62	MUPPIDI DEEPIKAKRISHNA	Assistant Professor	ECE	Gudlavalleru Engineering Colleg	Andhra Pradesh
63	MADAMANCHI BRAHMAIAH the	Assistant Professor	CSE	RVR & JC COLLEGE OF ENGINEE	Andhrapradesh
64	VISWAPRASAD KASETTI	Associate professor	CSE	RAMACHANDRA COLLEGE OF E	AP
65	ELANGO V	LECTURER	CSE	IRT POLYTECHNIC COLLEGE, BA	TAMILNADU
66	UTKALIKA SATAPATHY	Faculty	IT	College of Engineering and Tech	Odisha
67	Dr. Ananda Babu T	Assistant Professor	ECE	Gudlavalleru Engineering Colleg	Andhra Pradesh
68	SUGANTHI N	Professor	CSE	Kumaraguru College of Technol	TAMILNADU
69	PENTA ANIL KUMAR	Assistant Professor	E.C.E	Gudlavalleru Engineering Colleg	Andhra Pradesh
70	CHANDAN KUMAR BARIK	Research Scholar	CSE	North Orissa University, Takatp	Odisha
71	Raja Mailck	BTech	CSE	Elite College of Engineering	West Bengal
72	Lanka Padmalatha	Assistant Professor	ECE	Gudlavalleru Engineering Colleg	Andhra Pradesh
73	R.LOURDU MARY	Lecturer	BEP	IRT POLYTECHNIC COLLEGE, BA	Tamil Nadu
74	N S SATYANARAYANA YEEMANI	ASSISTANT PROFESSOR	IT	GUDLAVALLERU ENGINEERING	ANDHRA PRADESH
75	Bhumika Alte	Assistant Professor	CSE	Milind College of Science, Aurar	MAHARASTRA
76	RAJAKUMARI A	LECTURER	EEE	IRT POLYTECHNIC COLLEGE,CHI	TAMILNADU
77	Iohith JJ	Assistant professor	CSE	B.M.S.College of Engineering	Karnataka
78	Pornima Ramelar	Asst. Professor	CSE	Milind College of Science, Aurar	Maharashtra
79	R Kalaiselvi	AP	CSE	Kumaraguru College of Technol	Tamilnadu

80	T.S.R. KRISHNA PRASAD	Associate Professor	ECE	GUDLAVALLERU ENGINEERING	Andhra Pradesh
81	HARSHA R SONUNE	Assistant Professor	IT	Mkss's Cummins College of En	Maharashtra
82	ARULKUMAR KRISHNAN	LECTURER	ECE	IRT POLYTECHNIC COLLEGE BAR	TAMILNADU
83	ARGHA BAGCHI	Student	CSE	Elite College Of Engineering	West Bengal
84	Mohankumar M	Associate professor	CSE	Karpagam Academy of Higher E	Tamil Nadu
85	Dr.Maddu.Kamaraju	Professor	ECE	Gudlavalleru Engineering Colleg	Andhra Pradesh
86	R.VIJLA MARY	LECTURER	Maths	IRT POLYTECHNIC COLLEGE, CH	TAMIL NADU
87	DR Nekkanti Kumaraswamy	Dean of academics	CE	Vasireddy Venkatadri Insitute o	Andhra Pradesh
88	KULKARNI VAIBHAV VIJAY	Student	CSE	Dr. Babasaheb Ambedkar Mara	Maharashtra
89	Ashish Bishnoi	Assistant Professor	CCSIT	Teerthankar Mahaveer Universi	Uttar Pradesh
90	Veeria sandhya	Assistant professor	Cse	Gudlavalleru Engineering Colleg	Andhra Pradesh
91	Manojkumar kamble	Student	CSE	KARNATAKA UNIVERSITY DHAR	KARNATAKA
92	SURESH BABU M	HOD	CSE	NPA Centenary Polytechnic Coll	Tamilnadu
93	K SRILAKSHMI	Assistant Professor	ECE	Gudlavalleru Engineering Colleg	Andhra Pradesh
94	Samanthapudi bhavani	Assistant professor	ECE	Gudlavalleru engineering colleg	Andhra Pradesh
95	Geetanjali Panda	Assistant Professor	CSE	Khalkote University	Odisha
96	Mahesh Reddy Gogula	Asst. Professor	CSE	Kallam Haranadhareddy Institut	Andhra Pradesh
97	Rajdeep Ghosh	B.Tech	CSE	Elite College of Engineering	West Bengal
98	Nandoori Srikanth	Assistant professor	ECE	NRI INSTITUTE OF TECHNOLOG	Andhra Pradesh
99	R.SUDHA	ASSOCIATE PROFESSOR	CSE	Vasavi College of Engineering	Telangana
100	SUSHANTA KUMAR SAHU	Assistant professor	IE	College of Engineering and Tech	Odisha

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*A. Babu Kumar*

Coordinator

Professor

Dept. of Elect. & Commn. Engg.  
Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLERU-521 350

## PHASE - III FEEDBACK REPORT

Participant Name	Department	Institute Name	How do you rate in overall, this STTP - Phase II	Do you face any issues while accessing/during the online sessions?	Are the questions related to technical concepts been answered to your satisfaction?	Is the supporting for other issues been attended promptly?
KARYAMPUDI RUSHENDRA	ELECTRONICS AND	GUDLAVALLERU ENGINEERIN	4	Video and Audio are good	Yes	Yes
Dr.Ch.Balaswamy	Electronics and Com	Gudlavalleru Engineering College	4	Video and Audio are good	Yes	Yes
Dr Phani Praveen Surapaneni	CSE	PVPSIT	4	Video and Audio are good	Yes	Yes
S Sindhura	CSE	KL University	4	Video and Audio are good	Yes	Yes
Swapna Donepudi	CSE	P V P Siddhartha Institute of Tec	4	Video and Audio are good	Yes	Yes
AMARNATHA SARMA CH	ECE	PBR VITS	4	Video and Audio are good	Yes	Yes
MALLAMPATI PURNA KISHO	Ece	NRIIT	4	Video and Audio are good	Yes	No
MEENAKSHI BHRUGUBAND	Information Technolo	Mahatma Gandhi Institute of Tec	4	Video and Audio are good	Yes	Yes
Suganya Arumugam	Information technolog	Karpagam college of engineering	3	Video and Audio are good	Yes	Yes
Srikanta Mondal	CSE	Elite College of Engineering	4	Video and Audio are good	Yes	Yes
Madhuri M Sonkhaskar	Electronics	VESIT	4	Video and Audio are good	Yes	Yes
AARTHI D	CSE	Karpagam College of Engineerin	4	Video and Audio are good	Yes	Yes
SUBBULAKSHMI V	Information Technolo	Velammal Engineering College	4	Video and Audio are good	Yes	Yes
Jandhyam lakshmi Alekhya	CSE	Gudlavalleru engineering college	4	Video and Audio are good	Yes	Yes
Bhavani Sankar Panda	CSE	GIET UNIVERSITY	4	Video and Audio are good	Yes	Yes
K V VENKATESWARARAO	ECE	GUDLAVALLERU ENGINEERIN	4	Video and Audio are good	Yes	Yes
S.Aruna Deepthi	ECE	Vasavi college of engineering H	4	Video and Audio are good	Yes	Yes
U CHAITANYA	INFORMATION TEC	MAHATMA GANDHI INSTITUTE	4	Video and Audio are good	Yes	Yes
Manojkumar kamble	CSE	KARNATAKA UNIVERSITY DHA	4	Video and Audio are good	Yes	Yes
M.MANICKAM	EEE	IRT POLYTECHNIC COLLEGE,	4	Video and Audio are good	Yes	Yes
SUSHANTA KUMAR SAHU	Instrumentation and	College of Engineering and Tech	4	Video and Audio are good	Yes	Yes
Sreelakshmi Vadlamudi	ECE	Gudlavalleru Engineering College	4	Video and Audio are good	Yes	Yes
cynthia Jayapal	CSE	Kumaraguru College of Technolo	4	Video and Audio are good	Yes	Yes
KALEPU VEERA SUNAYANA	IT	Mahatma Gandhi institute of tech	4	Video and Audio are good	Yes	Yes
SUBHASHINI TATA	ECE	GUDLAVALLERU ENGINEERIN	4	Video and Audio are good	Yes	Yes



***AICTE Sponsored***  
**One Week National Level Online Short Term  
Training Program (STTP)**



**On**  
**"BLOCKCHAIN ARCHITECTURE DESIGN  
AND USE CASES"**  
**24<sup>th</sup> – 29<sup>th</sup> August, 2020 (Phase-III)**

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**A REPORT ON STTP (PHASE-III)**

The ECE department of Gudlavalleru Engineering College conducted One Week National Level Online Short Term Training Program (STTP) On **Blockchain Architecture Design and Use Cases (Phase-III)** from **24<sup>th</sup> – 29<sup>th</sup> August, 2020**. This STTP aims to discuss about Ethereum which is a blockchain based smart contract platform. Also focuses on blockchain application in supply chain management, Building decentralized applications using Ethereum, introduction to solidity language and smart contract development. Finally, the STTP addresses the applications of blockchain and its research areas and use cases.

***Objectives of STTP:***

1. To know Ethereum which is a blockchain based smart contract platform.
2. To familiar with supply chain management which is a blockchain application.
3. To build decentralized applications using Ethereum.
4. To develop smart contract using solidity language.
5. To create awareness on Smart contracts in the Blockchain Industry Applications.

The participants also got insights of research opportunities in Blockchain technology and challenges in Industry Applications. This STTP was coordinated by Dr. Ch.Balaswamy, Professor, ECE Department of Gudlavalleru Engineering College Gudlavalleru.

The topics covered during this STTP are:

- Ethereum, a blockchain based smart contract platform.
- Supply chain management as a blockchain application.
- Building a Decentralized Application Framework from Scratch Ethereum.
- Complete hands-on programming session using Solidity language.
- Research opportunities and use cases in the field of Smart Contracts.

The resource persons are:

**Academicians:**

*Dr.Sugata Gangopadhyay, Professor, IIT Roorkee*

*Dr. Raju Haldar, Asst.Professor, IIT Patna*

*Dr. Modi Chirag Navinchandra, Asst.Professor, NIT, Goa*

**Industry experts**

*Sri. Hanu Yedluri, Founder & CEO, Brainlabs, Hyderabad*

*Mr.Revanth Kumar, Founder & CEO, Unturtle Technologies, Hyderabad*

*Mr.Bipul Kumar Sahi, Blockchain Expert and Trainer.*

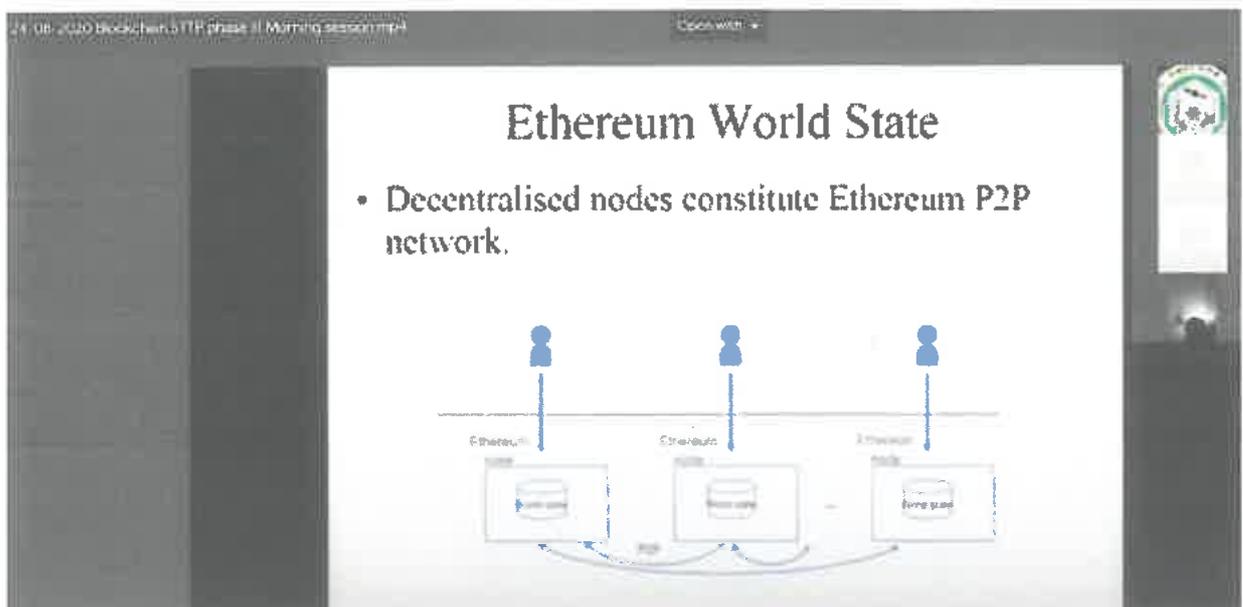
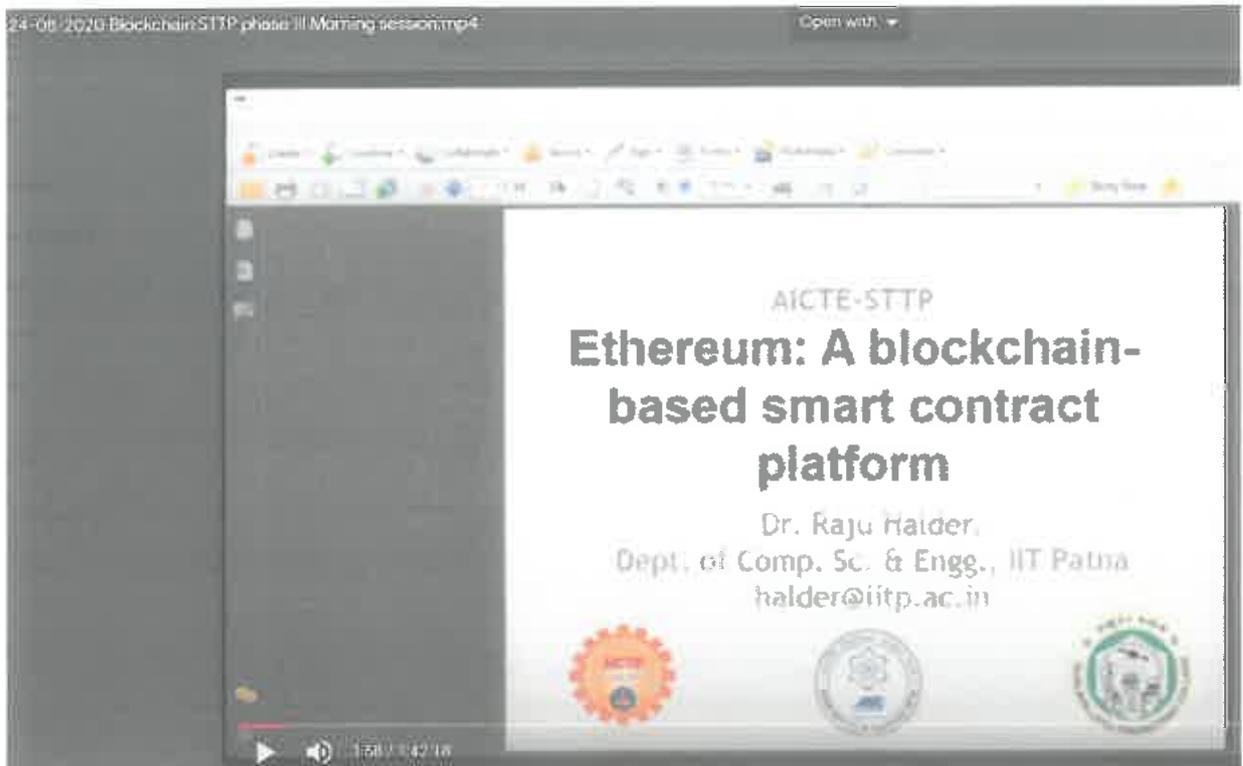
The formal inaugural function of STTP scheduled at 9.30AM on 24-08-2020 (Monday) through virtual Mode: ZOOM Platform. The STTP phase-II was inaugurated by the Head of the department, ECE Dr.V.V.K.D.V.Prasad and Mentor of the department Dr.M.Kama Raju along with the coordinator, Dr.Ch.Balaswamy.

**Day 1 (24-08-2020)-Morning Session:**



**Dr. Raju Haldar, Assistant Professor, IIT, Patna** has delivered a talk on "Smart Contracts with Ethereum and Solidity". In this session the participants learned about the role of Smart Contracts with Ethereum, a blockchain based smart contract platform, Solidity programming, and the potential applications of blockchain technology. The design issues in the programming language used to write smart contracts have been discussed. The key issues namely codifying, security, privacy and performance issues have been discussed. At the end of the session the applications of smart contracts in blockchain technology, how mining in Ethereum happens, and why Ethereum is so powerful have been discussed.





**Day 1 (24-08-2020): Evening session: Hands-on: Supply chain Management as a blockchain application:**

**Mr.Revanth Kumar, Founder & CEO, Unturtle Technologies, Hyderabad** conducted hands-on session on the 'Supply chain Management as a blockchain application. First, the resource person discussed about the provenance tracking where the record keeping, tracking product information and detecting fraud products. Later he discussed about the how cost is reduced and how trust can be established. Lastly, different use cases, primary and secondary benefits of blockchain have been discussed.

# 1. Provenance Tracking

- Record keeping becomes easy
- Tracking product information with embedded sensors and RFID tags
- Easy to detect frauds

## Primary Potential Benefits

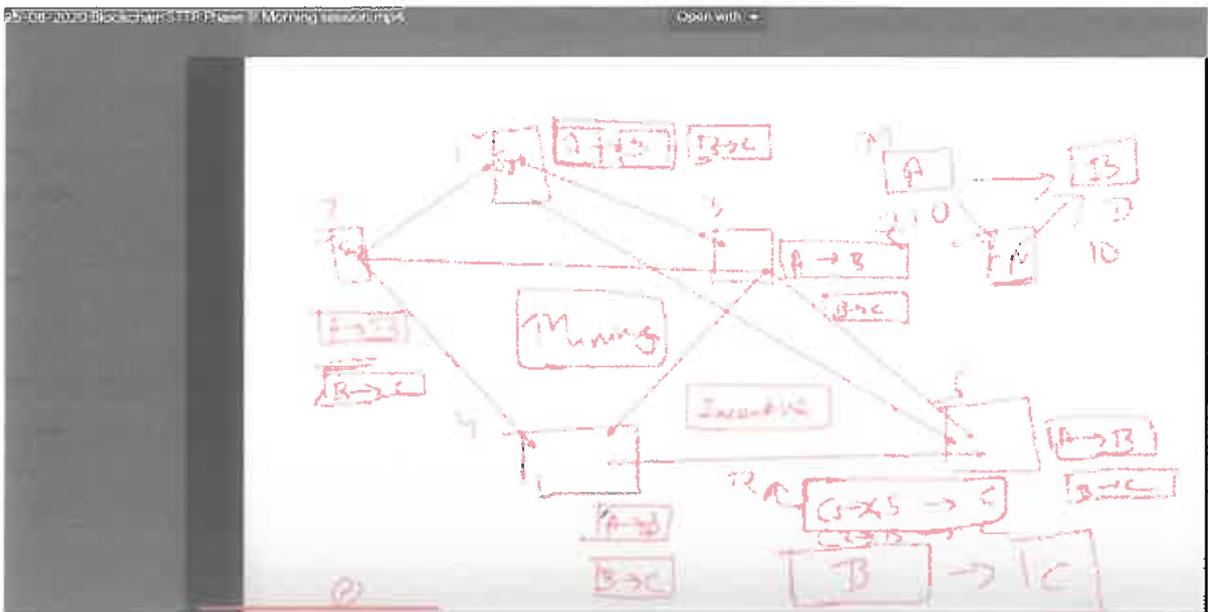
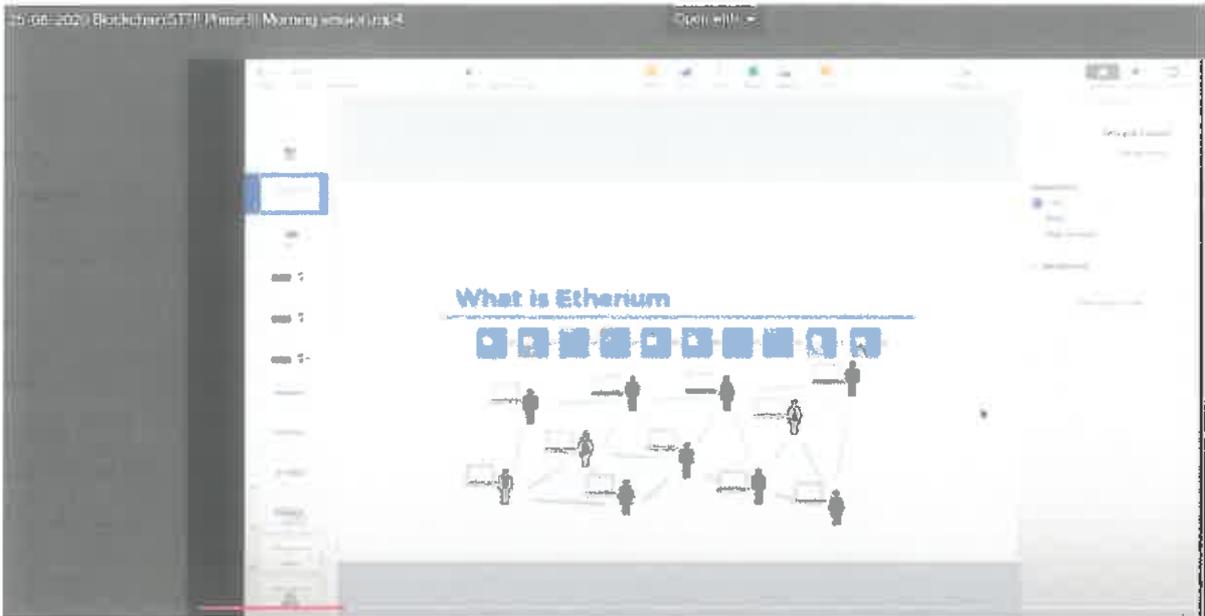
1. Increase traceability of material supply chain to ensure corporate standards are met
2. Lower losses from counterfeit/gray market trading
3. Improve visibility and compliance over outsourced contract manufacturing
4. Reduce paperwork and administrative costs

## Secondary Potential Benefits

1. Strengthen corporate reputation through providing transparency of materials used in products
2. Improve creditability and public trust of data shared
3. Reduce potential public relations risk from supply chain malpractice
4. Engage stakeholders

**Day 2 (25-08-2020): Morning session: Hands-on: Building Decentralized Applications using Ethereum:**

Mr. Bipul Kumar Shahi, Blockchain expert, create awareness on how to build a decentralized application using Ethereum. how to build trust among the users and how to build security for the data have been discussed. Lastly, given awareness on ethers, gas and fuel for the Ethereum, Decentralized autonomous organizations, and how to avoid DAO attacks. Soft and hard forks have been discussed.



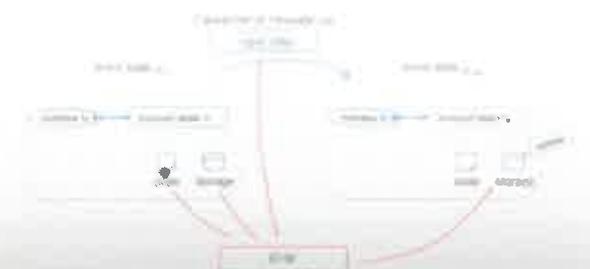
**Day 2 (25-08-2020): Evening session: Topics on Ethereum Virtual Machine (EVM) and Smart Contract Execution.**

In this session Dr. Raju Haldar, Assistant Professor, IIT, Patna has delivered a talk the topics Ethereum Virtual Machine (EVM) and how the Smart Contract have been executed, EVM Execution model, Web 3 API and Client, EVM codes, different EVM layers, Ethers, Mist, and gas were discussed.

25-08-2020 Blockchain STTP Phase III evening session.mp4

## Ethereum Virtual Machine (EVM)

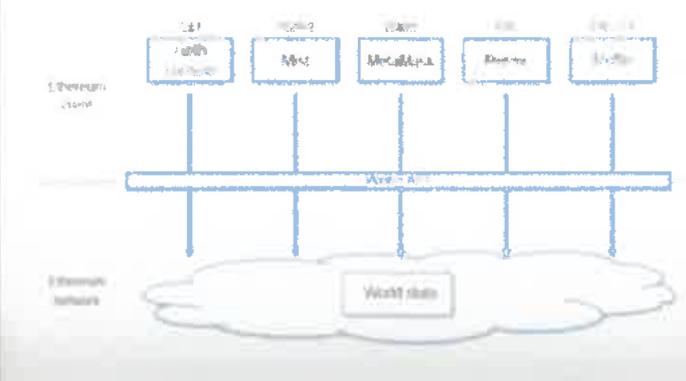
- EVM code is executed on Ethereum Virtual Machine (EVM).
- The Ethereum Virtual Machine is the runtime environment for smart contracts in Ethereum.



The diagram illustrates the EVM execution model. It shows a central 'EVM' box at the bottom, connected to various components above it. On the left, there are boxes for 'EVM code' and 'EVM state'. On the right, there are boxes for 'EVM gas' and 'EVM output'. The diagram also shows the flow of data between these components, indicating the execution process.

25-08-2020 Blockchain STTP Phase III evening session.mp4

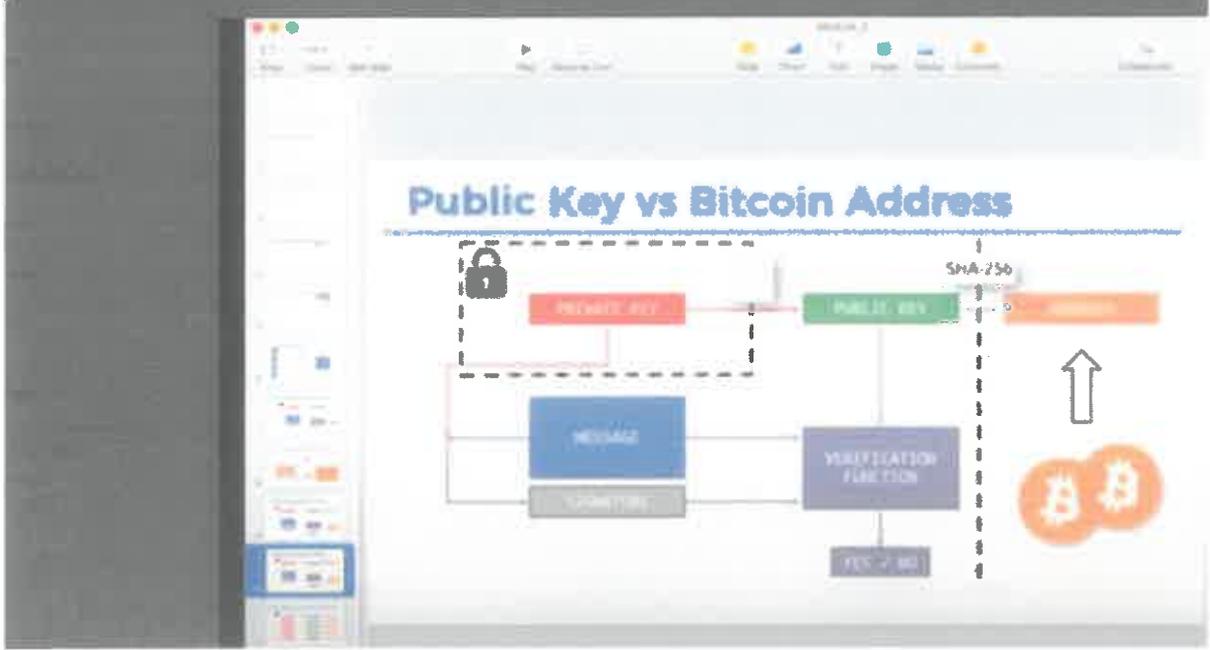
## Web3 API and Client



The diagram shows the interaction between Ethereum clients and the network. On the left, under 'Ethereum client', there are five boxes representing different clients: 'Web3.js', 'Web3.py', 'Web3.php', 'Web3.js', and 'Web3.js'. These clients are connected to a central 'Web3 API' box. Below the API, there is a cloud representing the 'Ethereum network' with a 'Web3 client' box inside it. The text at the bottom states: 'Ethereum clients access to Ethereum network via Web3 API'.

**Day 3 (26-08-2020): Morning session: Hands-on Building Decentralized Applications using Ethereum.**

In this hands-on session, the public key vs bitcoin address, Hierarchically deterministic (HD) wallets, solidity compiler, solidity codes, selecting a version of solidity, pragma solidity have been addressed.



**Day 3 (26-08-2020): Evening session: Hands-on Building Decentralized Applications using Ethereum.**

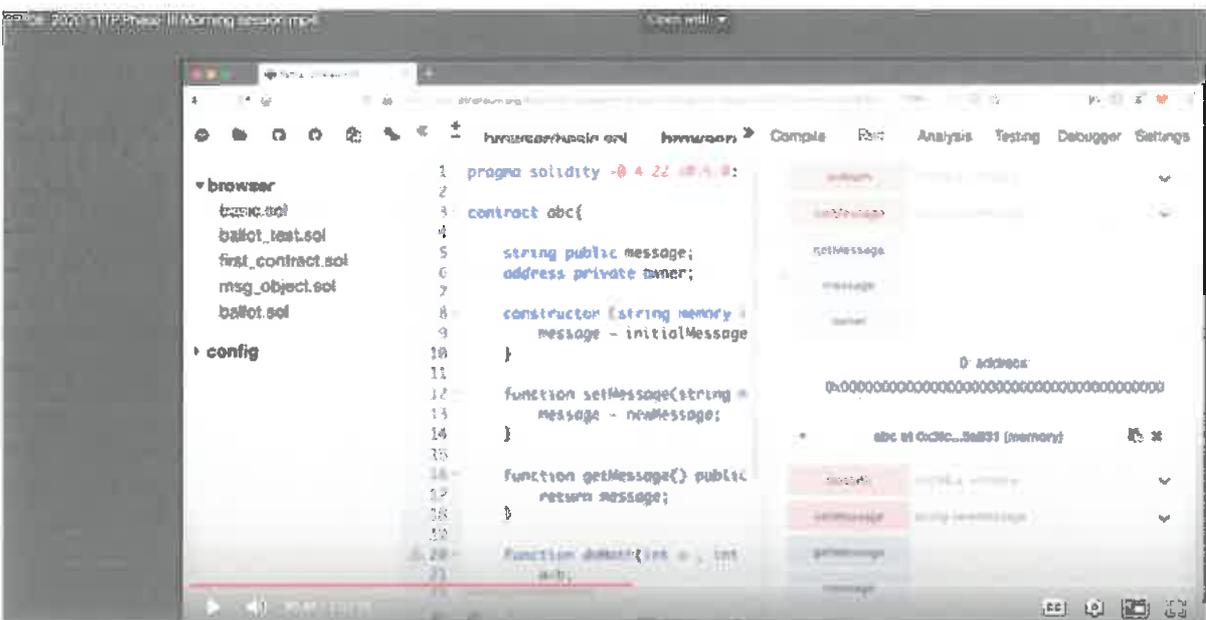
In this hands-on session, at first different functions such as public, private, view, constant, pure, and payable have been discussed. Later, the topic how the gas be deployed, contract deployment, about gas price, how the hash code will be generated, remix IDE, and how multiple contracts can be generated have been discussed,



```
1 pragma solidity >0.4.22 <0.6.0;  
2  
3 contract MyContract{  
4  
5     string private name;  
6     uint private age;  
7  
8     function setName(string memory newName) public{  
9         name = newName;  
10    }  
11  
12    function setAge(uint newAge) public{  
13        age = newAge;  
14    }  
15  
16    function getName() public view returns(string memory)
```

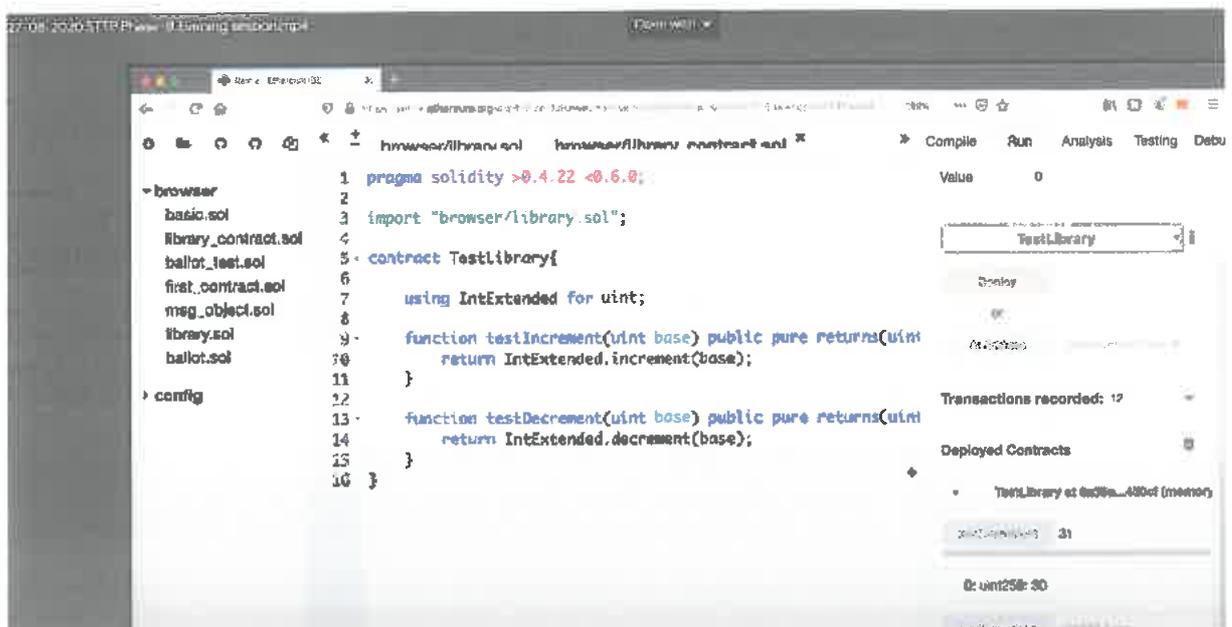
**Day 4 (27-08-2020): Morning session: Hands-on on how the bank transactions will be done using solidity programming.**

In this hands-on session, at first the topics such as how the bank transactions, how the deposits, how the balance will be checked, withdrawals will be done using solidity, and deployment of contracts have been given hands-on. Also, about constructor and different functions in solidity programming have been discussed.



**Day 4 (27-08-2020): Evening session: Hands-on on how the lottery contracts will be generated solidity programming.**

In this hands-on session, at first the topics such as how the lottery contracts will be generated, how multiple bank transactions will be generated, about initial coin offerings (ICOs) have been discussed, ICO case study discussed and given hands-on experience.



27-08-2020 STTP Phase III Evening session.mp4

Initial Coin Offerings (ICOs)

Handwritten notes:

- 100 stock
- total 50
- 50
- market
- 25
- 25 → 100
- 2500

27-08-2020 STTP Phase III Evening session.mp4

ICO Case Study

1M S tokens

500,000 S tokens | 500,000 S tokens

ICO

1 coin @ \$1

600,000 S tokens

1M S tokens

**Day 5 (28-08-2020): Morning session: Hands-on on how a bitcoin can be sell or buy, and different use cases.**

In this hands-on session, at first the topics such as how the bitcoin can be sell or buy, mapping of investor address in equity, how to get the equity in USD, selling functions, and buying functions, fixed length array and dynamic arrays, create, read, update, and delete functions have been discussed and hands-on provided on the same topics.

```

1  pragma solidity ^0.4.22 <0.6.0;
2
3  contract aicte_coin{
4      //Define maximum no. of coins available
5      uint public max_aictecoin = 100000;
6
7      //Define conversion
8      uint public usd_to_aictecoin = 500;
9
10     //Total coin bought by investor
11     uint public total_coin_bought = 0;
12
13     //Map each investor address to its equity in coin
14     mapping(address => uint)equity_coins;
15     mapping(address => uint)equity_usd;
16
17     //Getting the equity in coin of an investor
18     function equity_in_coin(address investor) public view returns(uint){
19         return equity_coins[investor];
20     }
21
22     //Getting the equity in USD
23     function equity_in_usd(address investor) public view returns(uint){
24         return equity_usd[investor];
25     }

```

In the evening session, Mr.Bipul Kumar Shahi taken Use Case of implementing lottery project, the constructor, enter and random functions required to generate lottery given hands-on training.

```

3  contract Lottery{
4
5
6      address public manager;
7      address[] public players;
8
9      constructor() public{
10         manager = msg.sender;
11     }
12
13     function enter() public payable{
14         require(msg.value > 0.01 ether);
15         players.push(msg.sender);
16     }
17
18     function random() public view returns (uint) {
19         uint randomnumber = uint(keccak256(abi.encode
20         randomnumber = randomnumber + 1);
21         return randomnumber;

```

Environment JavaScript VM VM (-)

Account 0x0ba1...c160c (99.9999999999999952998 ether)

Gas 0x4b0...4d2ab (99.99999999999999341264 ether)

Value 0x583...40225 (99.9999999999991171798 ether)

lottery

Deploy

or

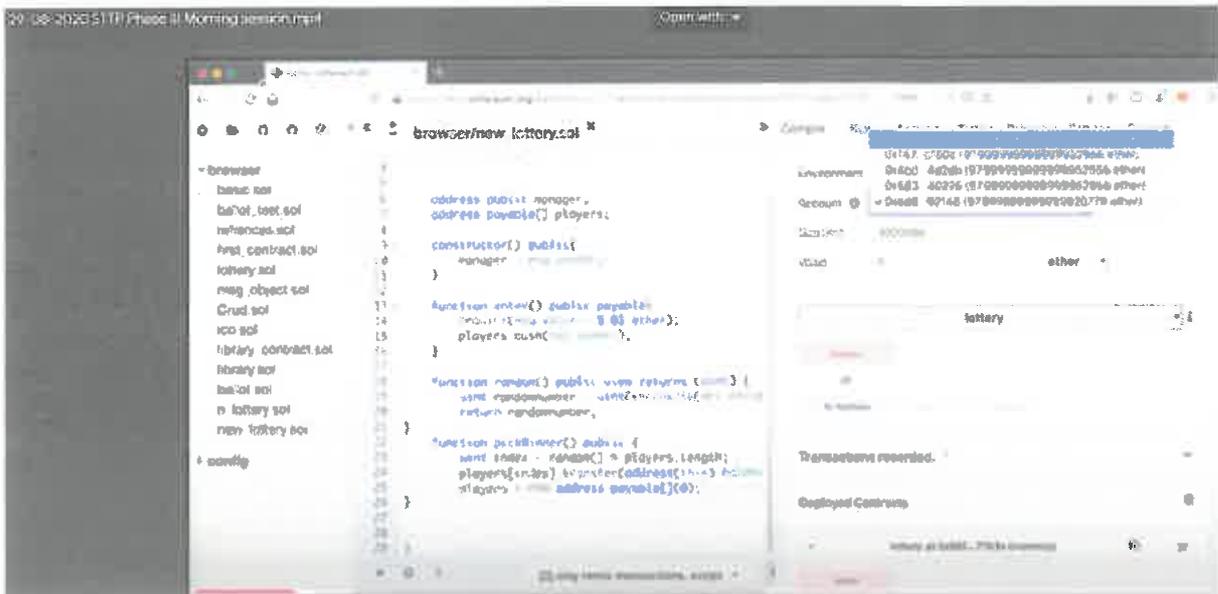
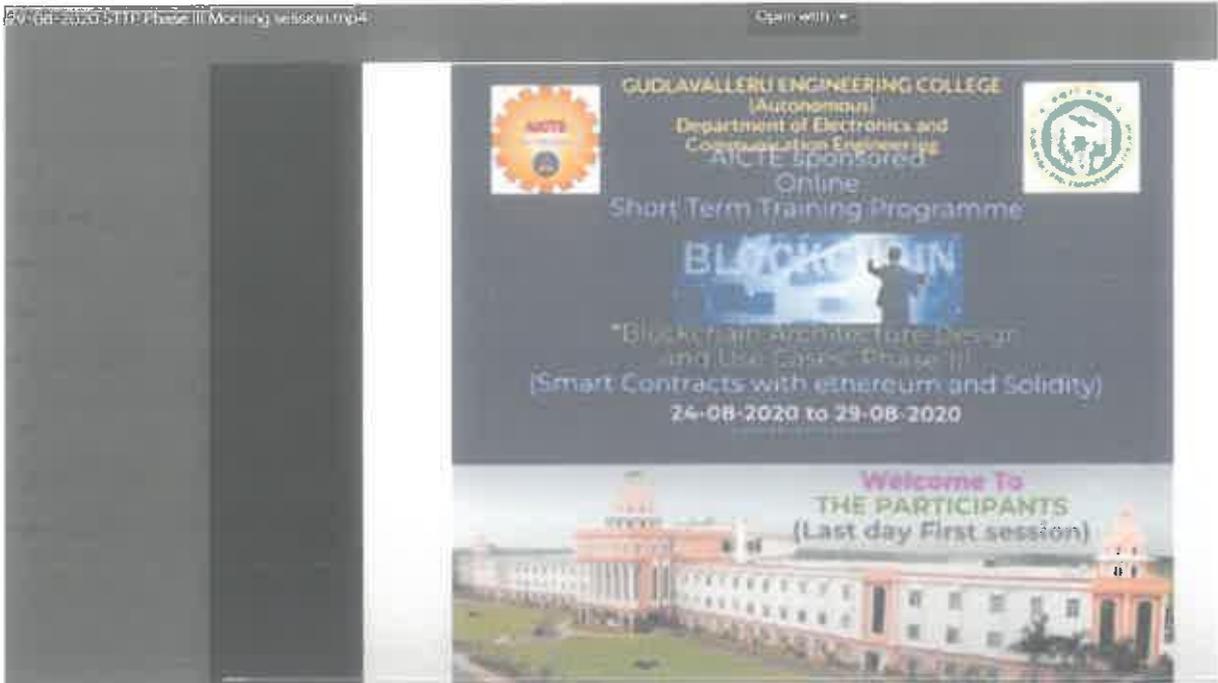
At Address: Load contract from Address

Transactions recorded: 0

28-08-2020 STTP Phase III Evening session

**Day 6 (29-08-2020): Morning session: Hands-on on the use case of lottery project implementation using solidity programming.**

In this hands-on session, the lottery project implementation in the solidity language have been taken, how the winner can be picked randomly, how the users will enter into the contract, about Metamask, how to interact with contract, and how to deploy contract were discussed and hands-on provided.



MyEtherWallet 41174 English Gas Price: 41 Gwei

View Wallet Send Ether & Tokens

## Interact with Contract or Deploy Contract

**Contract Address**

0xe5Ceb3BD7968e1fFd5dCDc79E419e66377F7A65

**ABI / JSON Interface**

```

      ],
      "payable": false,
      "stateMutability": "view",
      "type": "function"
    
```

**Select Existing Contract**

Select a contract..

29-08-2020 STTP Phase III Morning session (1)

browser/new\_lottery.sol browser/ico.sol browser/first\_contract.sol

- browser
- basic.sol
- ballot\_test.sol
- references.sol
- first\_contract.sol
- lottery.sol
- msg\_object.sol
- Crud.sol
- ico.sol
- library\_contract.sol
- library.sol
- ballot.sol
- n\_lottery.sol
- new\_lottery.sol

```

1 pragma solidity >0.4.22 <=0.6.0;
2
3 contract abc{
4
5     string public message;
6     address private owner;
7
8     constructor (string memory initialMessage) public {
9         message = initialMessage;
10    }
11
12     function setMessage(string memory newMessage) public {
13         message = newMessage;
14    }
15
16     function getMessage() public view returns(string memory){
17         return message;
18    }
19
20     function doMath(int a , int b) public{
  
```

Handwritten notes in red and blue ink are present over the code, including a circled area around the constructor and some scribbles.

29-08-2020 STTP Phase III Morning session (1)

On Day-6 evening session, Sri. Hanu Yedluri, Founder and CEO, Brain Labs AI, given awareness on Use-cases of blockchain and current research areas of blockchain.



**Hanumantha Rao Yedluri**  
 Principal Data Scientist | Mentor | Speaker | Founder and  
 CEO of BrainLabs.Ai and instaemi.com

- Brainlabs.Ai
- Unternehmenswebseite

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Finally, after end of the sessions in the last day a formal valedictory function conducted. In this session the HoD of ECE, Dr. VKDV Prasad gave the observations made during this STTP Phase-3 program.

Then the coordinator of STTP gave the overall remarks on the program. The faculty, research scholars and working Engineers are participated and a total of 100 registrations have been made.

During the valedictory session few participants give their feedback on the program. The coordinator conveyed his thanks to all the participants for their active participation in the STTP. The coordinator expressed his gratitude towards AICTE for sanctioning this event to ECE department of GEC Gudlalleru. Followed by valedictory function, an online test conducted for the assessment of participants learning skills.

Signatures of the Program Evaluation Committee:

1. Chairperson:

  
Dr.P.Ravindra Babu,  
Principal  
Gudlalleru Engineering College, Gudlalleru.

2. Member Secretary:

  
Dr.Ch.Balaswamy  
Professor & Coordinator of STTP, ECE  
Gudlalleru Engineering College, Gudlalleru.

3. Member:

  
Dr.V.V.K.D.V.Prasad  
Professor & Head of the Department, ECE  
Gudlalleru Engineering College, Gudlalleru.

4. Member:

  
Dr.S.Narayana  
Professor & Head of the Department, CSE  
Gudlalleru Engineering College, Gudlalleru.

5. Member:

  
Dr.M.Baburao  
Professor & Subject Expert, CSE  
Gudlalleru Engineering College, Gudlalleru.

# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village::Gudlavalleru, Krishna District, A.P: 521356



## CERTIFICATE OF PARTICIPATION

This is to certify that

**G.Ramakrishna**

from

**Gudlavalleru Engineering College**

has participated in AICTE sponsored Online Short Term Training Programme on "Blockchain Architecture Design and Use Cases" (Smart Contracts with Ethereum Solidity) Phase-III organized by Department of Electronics and Communication Engineering from 24-08-2020 to 29-08-2020.



Dr. Ch. Balaswamy  
Coordinator, STTP



Dr. V. V. K. D. V. Prasad  
Prof. & HoD



Dr. M. Kamaraju  
Prof. & Mentor



Dr. P. Ravindra Babu  
Principal

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## GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village::Gudlalleru, Krishna District, A.P: 521356



### CERTIFICATE OF PARTICIPATION

This is to certify that

**KULKARNI VAIBHAV VIJAY**

from

**Dr. Babasaheb Ambedkar Marathwada University Aurangabad  
Maharashtra**

has participated in AICTE sponsored Online Short Term Training Programme on "Blockchain Architecture Design and Use Cases" (Smart Contracts with Ethereum Solidity) Phase-III organized by Department of Electronics and Communication Engineering from 24-08-2020 to 29-08-2020.

*Ch. Balaswamy*

Dr. Ch. Balaswamy  
Coordinator, STTP

*V. V. K. D. V. Prasad*

Dr. V. V. K. D. V. Prasad  
Prof. & HoD

*M. Kamaraju*

Dr. M. Kamaraju  
Prof. & Mentor

*P. Ravindra Babu*

Dr. P. Ravindra Babu  
Principal

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## GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village::Gudlavalleru, Krishna District, A.P: 521356



### CERTIFICATE OF PARTICIPATION

This is to certify that

Madhavi Latha pothunuri

from

Ramachandra college of engineering

has participated in AICTE sponsored Online Short Term Training Programme on "Blockchain Architecture Design and Use Cases" (Smart Contracts with Ethereum Solidity) Phase-III organized by Department of Electronics and Communication Engineering from 24-08-2020 to 29-08-2020.

Handwritten signature of Dr. Ch. Balaswamy.

Dr. Ch. Balaswamy  
Coordinator, STTP

Handwritten signature of Dr. V. V. K. D. V. Prasad.

Dr. V. V. K. D. V. Prasad  
Prof. & HoD

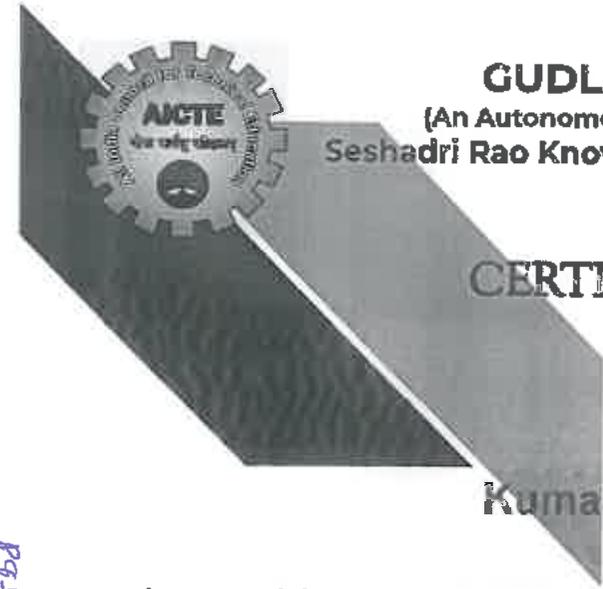
Handwritten signature of Dr. M. Kamaraju.

Dr. M. Kamaraju  
Prof. & Mentor

Handwritten signature of Dr. P. Ravindra Babu.

Dr. P. Ravindra Babu  
Principal

Pg-104



**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village::Gudlavalleru, Krishna District, A.P: 521356



## CERTIFICATE OF PARTICIPATION

This is to certify that

**SUGANTHIN**

from

**Kumaraguru College of Technology**

has participated in AICTE sponsored Online Short Term Training Programme on "Blockchain Architecture Design and Use Cases" (Smart Contracts with Ethereum Solidity) Phase-III organized by Department of Electronics and Communication Engineering from 24-08-2020 to 29-08-2020.



Dr. Ch. Balaswamy  
Coordinator, STTP



Dr. V. V. K. D. V. Prasad  
Prof. & HoD



Dr. M. Kamaraju  
Prof. & Mentor



Dr. P. Ravindra Babu  
Principal

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**GUDLAVALLERU ENGINEERING COLLEGE**  
Seshadri Rao Knowledge Village, GUDLAVALLERU

Proposal to Organize FDP/SDP

Date: 12/8/20

From  
~~The HoD~~  
Department of \_\_\_\_\_  
Gudlavalleru Engineering College,  
GUDLAVALLERU

To  
The Principal  
Gudlavalleru Engineering College,  
GUDLAVALLERU

Letter No: GEC/ECE/FDP/SDP/2019-2020/Number

Program : FDP / SDP  
Event : Workshop/Guest Lecture/Seminars/Conference.  
Name of the Event : A National level webinar on "Intellectual Property Rights & Patents - A View"  
No. of Days : 03  
Duration : 1 hour 30 minutes. [10-12 August 2020]  
(Dates)  
Targeted Audience : Student/Faculty/Technical Supporting Staff  
If Students  
Year : I/II/III/IV B.Tech / M.Tech  
Expected  
No. of Participants :

External	Internal
12	234

Co-ordinator(s) :  
Name : Dr. M. KAMARAJU  
Designation : PROFESSOR & MENTOR (SDP)  
Mobile No : 98691 52394  
Associative Organization if any : —  
Resource person(s) :

Sl. No	Name	Designation	Organization
1.	Vijay Kumar M	CEO	I-Win IP Services, Hyd.
2.	Sainivas Maddipati	Managing Partner	Eeva Quality Certification Services, Hyd.
3.	O. Prasad Rao	Deputy Controller of Patents & Design	Patent office, Chennai

Brief profile of resource person(s) (if available enclose.)

Objective(S) of the program : overview of IPR, Patent filling in India & International,  
Drafting of Specifications  
Expected outcome : Faculty able of file, publish and get granted the patents.

Approximate Expected Expenditure Statement

		Rs.
a	Honorarium per person/ day/ hour	5000 x 3 = 15,000/-
b	Hospitality for Resource persons	/
c	TA	/
d	Banners	/
e	Certificates	/
f	Lunch / Dinner for Participants	/
g	Snacks for Participants	/
h	Scribbling pad and pen etc	/
i	Guest Memento	/
j	Miscellaneous if any	/
Total		Rs. 15,000/-

(A)

Amount to be Collected from participants :

No 12 @ Rs. 200/- / participant Rs. 2,400/-

(B)

Amount sponsored by others if any  
(CSI/ISTE/IETE/IEEE/Students Association/etc.)

Rs. —

(C)

Budget Sanctioned

by the college under FDP/SDP : Rs —

Budget Spent FDP/SDP (till today) : Rs —

Balance amount available : Rs —

Amount requested from the college to meet the expenditure : Rs. 12,600/-

A-(B+C)

Advance amount Requested to meet the initial expenditure : Rs —

Kit/ Any other Material given by the Associative Organization : Yes/No ✓

If yes type of supporting material : —

Approximate cost of material / Kit

which is included in the cost collected from the participants :Rs. —

~~Recommendations of the HoD~~

~~Signature of the HoD~~

Recommendations of the Vice Principal  
Signature of the Vice Principal

Recommendations of the Principal

Principal Signature

*Submitted to the principal for  
consideration*



I D. N. HAMARAJU Co-ordinator of the program have received an amount of  
Rs. — (in words —) from principals office as an advance amount to  
meet the Initial expenditure.

*[Signature]*  
Signature of Co-ordinator



# A National Level Webinar

on

## Intellectual Property Rights & Patents - A View

10 - 12 August 2020 (2 PM - 3.30 PM)

### Resource Persons:

1. Sri O PRASAD RAO  
Deputy Controller of Patents and Designs  
Patent office, Chennai.
2. Sri VIJAY KUMAR M,  
Intellectual Property Rights Professional  
CEO, I-WIN IP Services, Hyderabad.
3. Sri SRINIVAS MADDIPATI  
Registered India Patent Agent (IN/PA-3124)

### Registration Link:

<https://forms.gle/CZtuVrhDaVZXRu8o9>

### Registration Fee: Rs. 200/-

(Participants can pay Through Net Banking, UPI, RTGS/NEFT, Google Pay)

Account Name: Principal Gudlavalleru Engineering College

Account Number: 35339035882

IFS Code: SBIN0001461

Bank & Branch Name: SBI, Gudlavalleru

E-certificate will be issued for all registered participants

Last date for registration - 8 Aug 2020

For details contact : Dr. M. Kamaraju: 9849157394

Mr. B. Rajasekhar: 9849128005

Organized By

**IQAC**

## Gudlavalleru Engineering College

(Autonomous)

(Sponsored by AANM & VVRSR Educational Society)

SESHADRI RAO KNOWLEDGE VILLAGE

Gudlavalleru, Krishna District

Andhra Pradesh-521356

(Affiliated to JNTUK, KAKINADA)

Phone: 08674 - 273737, 273888, Fax: 08674 - 273957

Website: [www.gecgudlavalleru.ac.in](http://www.gecgudlavalleru.ac.in)



powered by

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# Gudlavalleru Engineering College

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru – 521356, Krishna District (A.P.)

**A National Level Webinar**

**On**

**Intellectual Property Rights & Patents - A View**

10<sup>th</sup> – 12<sup>th</sup> August 2020 (2.00 PM – 3.30 PM)

## Programme Schedule

10<sup>th</sup> August 2020

Topic : Overview of Intellectual Property Rights-Importance to Academia

Speaker : Sri Vijaya Kumar.M, Patent and Trademark Attorney, Hyderabad

1.15 PM – 1.45 PM	Participants login to Zoom meeting
1.45 PM – 1.47 PM	Welcome by Mrs.T.Subhashini, Assistant Professor, ECE
1.47 PM – 1.49 PM	Opening remarks by co-ordinator Mr. B. Rajasekhar
1.49 PM – 1.51 PM	Words by Convener Dr. M. Kamaraju
1.51 PM – 1.56 PM	Speech by Principal Dr. P. Ravindra Babu
1.56 PM – 2.00 PM	Addressed by Vice-Principal (Academics) Dr. GSNRV Prasad
2.00 PM – 2.05 PM	Addressed by Vice-Principal (Administration) Dr. B. Karuna Kumar
2.05 PM – 2.10 PM	Introduction to Speaker by Ms.Sufia Khanam, Assistant Professor, EEE
2.10 PM – 3.40 PM	Session by Speaker Sri Vijaya Kumar.M, Patent and Trademark Attorney, Hyderabad
3.40 PM – 3.45 PM	Vote of Thanks by Mrs.Dhana Lakshmi.L, Assistant Professor, CSE



# Gudlavalleru Engineering College

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru – 521356, Krishna District (A.P.)

**A National Level Webinar**

**On**

**Intellectual Property Rights & Patents - A View**

10<sup>th</sup> – 12<sup>th</sup> August 2020 (2.00 PM – 3.30 PM)

## **Day 2 Programme Schedule**

11<sup>th</sup> August 2020

Topic: Patent Filling in India

Speaker: Sri Srinivas.Maddipati, President M/S Educational Society for IPR, Hyderabad.

1.30 PM – 1.50 PM	Participants login to Zoom meeting
1.50 PM – 1.55 PM	Welcome by Mrs.T.Venkata Laxmi, Associate Professor, ECE
1.55 PM – 2.00 PM	Introduction to Speaker by Ms.L.Manjusha Assistant Professor, CE
2.00 PM – 3.30 PM	Session by Speaker Sri Srinivas.Maddipati, President M/S Educational Society for IPR, Hyderabad
3.30 PM – 3.35 PM	Vote of Thanks by Dr.J.A.Ranga Babu,Associate Professor, ME



# Gudlavalleru Engineering College

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru – 521356, Krishna District (A.P.)

**A National Level Webinar**

**On**

## **Intellectual Property Rights & Patents - A View**

10<sup>th</sup> – 12<sup>th</sup> August 2020 (2.00 PM – 3.30 PM)

### **Day 3 :: Programme Schedule**

12<sup>th</sup> August 2020

**Topic** : Filling Procedures of Patents International and Drafting of Specification

**Speaker:** Sri Prasada Rao. O, Deputy Controller of Patents & Designs Patent Office, Chennai

1.30 PM – 1.50 PM	Participants login to Zoom meeting
1.50 PM – 1.55 PM	Welcome by Ms.L.Lakshmi Praneetha, Assistant Professor, IT
1.55 PM – 2.00 PM	Introduction to Speaker by Dr.M.Vijaya Lakshmi, Associate Professor & Head, Dept.of English
2.00 PM – 3.30 PM	Session by Speaker Sri Prasada Rao.O, Deputy Controller of Patents & Designs Patent Office, Chennai
3.30 PM – 3.45 PM	Test on “ IPR & Patents: A view”

### **Valedictory**

3.45 PM – 3.50 PM	Welcome to Valedictory by Mrs.T.Subhashini, Assistant Professor,ECE
3.50 PM – 3.55 PM	Closing remarks by convener Dr.M.Kamaraju
3.55 PM – 4.00 PM	Speech by Principal Dr. P. Ravindra Babu
4.00 PM – 4.05 PM	Words by Dr.GSNRVPrasad, Vice Principal, Academics
4.05 PM – 4.10 PM	Words by Dr.B.Karuna Kumar, Vice Principal, Administration
4.10 PM – 4.20 PM	Feedback from the Participants
4.20 PM – 4.25 PM	Vote of Thanks by Mr B.Rajasekhar , Coordinator

Dear Participants,

**IQAC, Gudlavaluru Engineering College, welcome you to “A National Level Webinar On Intellectual Property Rights & Patents - A View”, during 10<sup>th</sup> - 12<sup>th</sup> August, 2020, 1:15 PM (IST)**

**Topic: A National Level Webinar On Intellectual Property Rights & Patents - A View**

**Time: Aug 10, 2020 01:15 PM India**

Join Zoom Meeting

<https://us02web.zoom.us/j/89523943208?pwd=aGNEZWl5dXR0dXNBSErMDFvTIJEQT09>

Meeting ID: 895 2394 3208

Schedule on all three days (10<sup>th</sup> - 12<sup>th</sup> August 2020)

1.15 PM to 1.45 PM - Login to Zoom

1.45 PM to 2.00 PM – Speech by dignitaries

2.00 PM to 3.30 PM - Session begins

Attendance/Feedback link will be posted in the chat box during the Q&A session which is mandatory for all the participants for issuing certificates.

A test which is mandatory will be conducted on 12<sup>th</sup> August 2020 at 3.30PM with 10 objective questions for the duration of 15 minutes. Maximum marks 20 with no negative marks.

Install the zoom app and follow the procedure.

- 1) Download ZOOM if not available in you mobile/Laptop/Desktop
- 2) Click on the zoom link given above
- 3) Mute your video and audio during the entire sessions

Thank you and will meet you online on 10 August 2020 at 1.15 PM

with regards,

Convener,

Gudlavaluru Engineering College,

Gudlavaluru.

Dear Participants,

**IQAC, Gudlalleru Engineering College, welcome you to “A National Level Webinar On Intellectual Property Rights & Patents - A View”, during 10<sup>th</sup> - 12<sup>th</sup> August, 2020, 1:15 PM (IST)**

**Topic: A National Level Webinar On Intellectual Property Rights & Patents - A View**

**Time: Aug 10, 2020 01:15 PM India**

Join Zoom Meeting

<https://us02web.zoom.us/j/89523943208?pwd=aGNEZWl5dXR0dXNBSErMDFvTIJEQT09>

**Meeting ID: 895 2394 3208**

with regards,  
Convener,  
Gudlalleru Engineering College,  
Gudlalleru.

**VIJAY KUMAR M,**  
**Intellectual Property Rights professional**



---

**Permanent Address:**

4-35-181, Venkateshwara Nagar,  
Jagathgirutta, Kukatpally,  
Hyderabad, A.P. Pin - 500072

Phone: 9700029123/ 9293123797  
Email: vijay.ipm@gmail.com/ vijay@i-winip.com

---

**Date of Birth:** August 17, 1980

---

**Areas of interest:**

- Intellectual Property Rights – Patents, Trademarks, Copyrights and Designs

**Work Experience: 12+ years in Intellectual Property Rights**

- Working as CEO for I-WIN IP Services; since Feb, 2009 – till date
- Working as Partner for IP Markets since August 2012- till date
- Working as visiting faculty for NIMSME (National Institute of Micro small and Medium Enterprises) since 2010 till date.
- Working as Guest Faculty for NIPER (National Institute Pharmaceutical Research and Education) since 2012 till date.
- Worked as IP Analyst at Brain League IP Services Private Limited from May 2003 till Jan 2009

**Nature of work handled:**

Interaction with Clients, group leaders and Inventors at every stage of Patent Research and Patent Analytic Projects and Patent drafting and prosecution, advise on various ways of protecting the idea/product/process in different forms of IPR. Training/ creating awareness on IPR law, Trademark, Copyrights and Design applications filing and processing.

## Highlights and Personal strengths:

- Excellent Academic grades.
- Good communication skills, co-ordination and a committed team player.
- Ability to learn and communicate knowledge quickly and efficiently.
- Strong interpersonal relationships and people skills.
- Hard working and dependable.
  
- Leadership skills

## Education:

Sr. No.	Examination	University/Board	Year
1.	L.L.B	Osmania University Hyderabad	1999-2003
2.	"Indian Patent Agent Examination"	Government of India	2013
3.	P.G Diploma in Intellectual Property Rights	National Law School of India University	2007-2008
4.	M.Sc. (Information Technology)	Allagappa University, Karaikudi	2010-2012
5.	LL.M. (Intellectual Property Rights)	Osmania University, Hyderabad	2012-2014

- MEMBERSHIPS :**
- 1) Bar Council of Karnataka
  - 2) International Trade mark Association (INTA)
  - 3) Anti counterfeiting Committee – INTA -2016-2017
  - 4) Registered Patent and Trademark Agent - Govt. Of India.

**VIJAY KUMAR M**

## **Srinivas Maddipati**

Tel: 91-96766 05678

E-mail: [srinivas@eevatech.com](mailto:srinivas@eevatech.com)

---

### Objective:

- Is to help a client secure legal protection for his or her invention by filing relevant IP and prosecuting the same to registration.
- Give legal advice regarding infringement and licensing of patents and represent others in a court of law.
- Evaluate the implementation and effectiveness of clients Management Systems.
- Assess performance against key performance objectives and targets (monitoring, measuring, reporting and reviewing)
- Evaluate client's legal compliance, operational control of processes, Internal Audits, Management Reviews and Policies.

### Skills:

Registered India Patent Agent (IN/PA-3124)

Member of Quality Council of India (QCI)

IRCA Certified Lead Auditor for ISO 9001 & OHSAS 18001 standards

NABET Certified Lead Auditor for ISO 27001

### Education Qualification:

- |           |   |   |
|-----------|---|---|
| 2004-2006 | : | MS (Mechatronics) from University of Siegen, Germany    |
| 1998-2002 | : | B. E Mechanical from Madras University.                 |
| 1996-1998 | : | Intermediate from Board of Intermediate Education, A.P. |
| 1996      | : | Secondary School Certificate from Board of S.S.C, A.P.  |

### Technical Expertise:

Automation & Industrial Communication, Advanced Control, Electrical Machines and Power Electronics, Machine Dynamics & Systems Dynamics, Mechatronic Design in Production Machines, Modeling and Simulation, Actronics, Sensorics, Mechatronics Systems.

Associations & Work Experience:

1. President of M/s Educational Society for Intellectual Property Rights, Hyderabad since 2016.
2. Managing Partner of M/s Eeva Quality Certification Services, Hyderabad since 2014.
3. Managing Director of Eeva IP & IT Services Pvt Ltd, Hyderabad since 2012.
4. Worked as IP Engineer from November 2007 to Feb 2009 for GEA Energietechnik GmbH, Herne, Germany.
5. Worked as QA Engineer from November 2006 to October 2007 for CadFem, Bochum, Germany.
6. Worked as GIS Engineer from Sep 2002 to June 2003 for InfoTech Enterprises Pvt Ltd, Hyderabad, India.

Personal Details:

Date of Birth : 18.05.1981  
Languages Known : English, Telugu, Hindi, Tamil and German.  
Address : Crest – 407, Praneeth Pranav Zenith, Bachupally,  
Hyderabad – 500090, Telangana.

## Contact

oggu.ip@nic.in

[www.linkedin.com/in/prasad-rao-o-98a0a1b3](http://www.linkedin.com/in/prasad-rao-o-98a0a1b3) (LinkedIn)

# PRASAD RAO O

Deputy Controller of patents and designs at Patent office, chennai, Govt. of India  
Chennai

## Experience

Govt. of India

Deputy controller of patents and desings  
December 2017 - Present (2 years 9 months)  
Chennai Area, India

Patent office, chennai, Govt. of India

Asst. Controller of patents and designs  
January 2009 - November 2017 (8 years 11 months)  
Chennai Area, India

processing of patent applications filed for patent.

Govt. of India

Examiner of patents and desings  
2002 - December 2008 (6 years)  
Chennai Area, India

---

## Education

JNTU Hyderabad

M.Tech, Mechanical Engineering · (1998 - 2000)

Kakatiya Institute of Technology & Science, Yerragattu Hillocks,  
Bheemaram, Hasanparthy, Warangal

Bachelor of Technology - BTech, Mechanical Engineering · (1994 - 1998)

GMR polytechnic, srisailam

Diploma in mechanical engineering, Mechanical Engineering · (1989 - 1993)

Govt boys school, gudur, NELLORE

## Day 1 Feedback

Timestamp	Username	Salutation	Name of the participant (in CAPITAL LETTERS)	Date	Session	Quality of the session
2020/08/10	hanumanb2006@gecgudlavalleri	Mr.	HANUMAN DILEEP BATCHU		10-08-20 Overview of Intellec	5
2020/08/10	haritha.potluri@gmail.com	Dr.	P. HARITHA		10-08-20 Overview of Intellec	4
2020/08/10	sagantisuresh@gmail.com	Dr.	S SURESH		10-08-20 Overview of Intellec	5
2020/08/10	kkburra62@gmail.com	Dr.	BURRA KARUNA KUMAR		10-08-20 Overview of Intellec	5
2020/08/10	jasthikiran88@gmail.com	Dr.	KIRAN JASHTI		10-08-20 Overview of Intellec	4
2020/08/10	yrk.gec@gmail.com	Dr.	Y. RAMAKRISHNA		10-08-20 Overview of Intellec	5
2020/08/10	gvenkatajagadeesh@gmail.com	Mr.	GOGINENI VENKATA JAGADESH		10-08-20 Overview of Intellec	5
2020/08/10	sandhya031@gmail.com	Mrs.	G. N. SANDHYA DEVI		10-08-20 Overview of Intellec	5
2020/08/10	vankalopalli@gmail.com	Mr.	V.VITTAL REDDY		10-08-20 Overview of Intellec	4
2020/08/10	hedvarishi@gmail.com	Mrs.	KADAPANA VINDHYA SMITHA		10-08-20 Overview of Intellec	4
2020/08/10	sruthivinay04@gmail.com	Mrs.	Lanka Padmalatha		10-08-20 Overview of Intellec	4
2020/08/10	sivaram9@gmail.com	Mr.	SURAPURAJU SIVARAM		26-06-68 Overview of Intellec	5
2020/08/10	deepikakrishna5555@gmail.com	Ms.	MUPPIDI DEEPIKAKRISHNA		08-10-20 Overview of Intellec	5
2020/08/10	swarupjnvr@gecgudlavalleru.ac	Mr.	N V R SWARUP KUMAR J		10-08-20 Overview of Intellec	5
2020/08/10	rk9.mnnit@gmail.com	Mr.	P. RAMA KRISHNA		10-08-20 Overview of Intellec	5
2020/08/10	ammav10@gmail.com	Mrs.	S Bhavani		10-08-20 Overview of Intellec	4
2020/08/10	swetha.salini@gmail.com	Dr.	R.SWETHA		10-08-20 Overview of Intellec	5
2020/08/10	balukadaru2@gmail.com	Mr.	BALA BRAHMESWARA KADARU		10-08-20 Overview of Intellec	4
2020/08/10	kk97976@gmail.com	Mr.	KONDURU KRANTHI KUMAR		10-08-20 Overview of Intellec	5
2020/08/10	subhashinitata19@gmail.com	Mrs.	SUBHASHINI TATA		10-08-20 Overview of Intellec	5
2020/08/10	ganjiprabhakar84@gmail.com	Dr.	Prabhakara Rao G		10-08-20 Overview of Intellec	5
2020/08/10	lusuvanisri@gmail.com	Mr.	Mudigeti Srinivasulu		06-08-88 Overview of Intellec	5
2020/08/10	taddiswathi@gmail.com	Mrs.	T.V.S.S.Swathi		10-08-20 Overview of Intellec	4
2020/08/10	premshines0713@gmail.com	Mr.	PREMDASU NALLURI		10-08-20 Overview of Intellec	5
2020/08/10	rajanipapers@gmail.com	Ms.	RAJANI PUNUKOLLU		10-08-20 Overview of Intellec	5
2020/08/10	susmitha.kunchaparathi@gmail.c	Mrs.	Susmitha Kunchaparathi		10-08-20 Overview of Intellec	4
2020/08/10	sumasobhan@gmail.com	Mrs.	SUMALATHA PHIRANGI		10-08-20 Overview of Intellec	5
2020/08/10	vinod.mutyala57@gmail.com	Mr.	VINOD MUTYALA		10-08-20 Overview of Intellec	5
2020/08/10	indiradelhi@yahoo.co.in	Dr.	INDIRA PONUGUMATLA		10-08-20 Overview of Intellec	5
2020/08/10	leela.thota@gmail.com	Ms.	T S LEELAVATI		10-08-20 Overview of Intellec	5
2020/08/10	nagakumari73@gmail.com	Mrs.	Y V NAGA KUMARI		10-08-20 Overview of Intellec	5
2020/08/10	raaga.vamsi@gmail.com	Mrs.	RAGAVAMSI DAVULURI		10-08-20 Overview of Intellec	5
2020/08/10	eswar.sala@gmail.com	Dr.	ESWAR SALA		10-08-20 Overview of Intellec	4
2020/08/10	l.l.pranitha64@gmail.com	Ms.	Loya Lakshmi Praneetha		10-08-20 Overview of Intellec	3
2020/08/10	ajbgec@gmail.com	Dr.	A JAWAHAR BBU		10-08-20 Overview of Intellec	4
2020/08/10	anand.mits11@gmail.com	Dr.	ANANDA BABU T		10-08-20 Filing procedures of	5

## Day 2 Feedback

Timestamp	Username	Salutation	Name of the participant (in Capital Letters)	Designation	Department	Name of the organization	Date of the session	Topic of the session	Quality of the session
2020/08/11	ramireddygec	Mr.	RAMIREDDY PITTU	Assistant professor	BS&H	Gudlavalleru Engineering College	11-08-20	Patent Filing in	5
2020/08/11	dhanayarlagam	Mrs.	DHANA LAKSHMI LANKA	ASSISTANT PROFESSOR	CSE	GUDLAVALLERU ENGINEERING COLLEGE	12-11-80	Patent Filing in	5
2020/08/11	sai.gundapan	Mr.	G. SAI KRISHNA	Assistant professor	Civil engineering	Gudlavalleru engineering college	11-08-20	Patent Filing in	5
2020/08/11	taddiswathi@	Mrs.	T.V.S.S.SWATHI	Assistant Professor	Department of Business Administration	Gudlavalleru Engineering College	11-08-20	Patent Filing in	4
2020/08/11	drmsr_sankar	Dr.	M. RAVISANKAR	Associate Professor	CSE	Gudlavalleru Engineering College	11-08-20	Patent Filing in	4
2020/08/11	deepikakrishna	Mrs.	MUPPIDI DEEPIKAKRISHNA	Assistant Professor	Electronics and Communication Engineering	Gudlavalleru Engineering College	08-11-20	Patent Filing in	5
2020/08/11	gsr_gsrinu@	Dr.	Srinivasa Rao Gampa	Professor	EEE	GEC	08-11-20	Patent Filing in	5
2020/08/11	koteswari.12	Mrs.	Allada Koteswaramma	Assistant professor	Information Technology	Gudlavalleru Engineering College	11-08-20	Patent Filing in	5
2020/08/11	kakarlakishor	Mr.	KAKARLA KRISHNA KISHORE	ASSISTANT PROFESSOR	MECHANICAL ENGINEERING	GUDLAVALLERU ENGINEERING COLLEGE	11-08-20	Patent Filing in	5
2020/08/11	konathm22@	Mr.	K V VENKATESWARARAO	Assistant professor	ECE	GUDLAVALLERU ENGINEERING COLLEGE	11-08-20	Patent Filing in	5
2020/08/11	dharmasve	Dr.	Dr.DHARMAIAH DEVARAPALLI	Professor	CSE	SRHI VISHNU ENGINEERING COLLEGE	11-08-20	Patent Filing in	5
2020/08/11	chnb14@gec	Mr.	CHANGALPATTU NAGA BHARATH	Assistant Professor	Civil Engineering	Gudlavalleru Engineering College	11-08-20	Patent Filing in	5
2020/08/11	vdvamsi@gm	Mr.	Bolem Vamsy Krishna	Assistant Professor	ECE	Gudlavalleru Engineering College	11-08-20	Patent Filing in	5
2020/08/11	kish.eee01@	Dr.	KISHOR BABU GUNTI	Associate Professor	Electrical and Electronics Engineering	Gudlavalleru Engineering College	11-08-20	Patent Filing in	5
2020/08/11	kk97976@g	Mr.	KONDURU KRANTHI KUMAR	Assistant Professor	IT	GUDLAVALLERU ENGINEERING COLLEGE	11-08-20	Patent Filing in	5
2020/08/11	balukadaru2	Mr.	BALA BRAHMESWARA KADAR	Assistant Professor	Computer Science and Information Technology	Gudlavalleru Engineering College	11-08-20	Patent Filing in	5
2020/08/11	rajkiran.lucky	Mr.	P Raj Kiran	Assistant professor	English	Gudlavalleru Engineering College	11-08-20	Patent Filing in	4
2020/08/11	eswar.sala@	Dr.	ESWAR SALA	Assistant Professor	Civil Engineering	Gudlavalleru Engineering College	11-08-20	Patent Filing in	4
2020/08/11	jasthikiran88	Dr.	KIRAN JASTHI	assistant professor	electrical and electronics engineering	gudlavalleru engineering college	11-08-20	Patent Filing in	4
2020/08/11	sivaram9@g	Mr.	SURAPURAJU SIVARAM	Senior Grade Assistant Professor	BS&H	Gudlavalleru Engineering College	26-06-68	Patent Filing in	4
2020/08/11	ganta.ramesh	Mr.	Ganta Ramesh	Assistant professor	EEE	Gudlavalleru Engineering College	11-08-20	Patent Filing in	5
2020/08/11	lakshmi.alekhy	Mrs.	JANDHYAM LAKSHMI ALEKHY	Assistant professor	Computer science and Information Technology	Gudlavalleru engineering college	11-08-20	Patent Filing in	5
2020/08/11	syamprasadr	Mr.	N SYAM PRASAD	Assistant professor	BSH	GUDLAVALLERU ENGINEERING COLLEGE	11-08-20	Patent Filing in	5
2020/08/11	gvenkatajaga	Mr.	GOGINENI VENKATA JAGADEESWAR	Assistant Professor	Mechanical engineering	Gudlavalleru Engineering College	11-08-20	Patent Filing in	5
2020/08/11	arunchaitany	Mr.	SAMBANGI ARUNCHAITANYA	Assistant Professor	Civil Engineering	Gudlavalleru Engineering College	11-08-20	Patent Filing in	5
2020/08/11	k.kranthikum	Mr.	Kranthi Kumar kotha	Assistant professor	BS&H	Gudlavalleru engineering college	11-08-20	Patent Filing in	5
2020/08/11	bhargavikanu	Mrs.	KANURI BHARGAVI	Assistant Professor	CSE	Gudlavalleru Engineering College	11-08-20	Patent Filing in	5
2020/08/11	sripathi.mad	Dr.	Dr Madhavi Sripathi	Associate Professor	MBA	GEC	11-08-20	Patent Filing in	5
2020/08/11	ganjiprabhak	Dr.	Prabhakara Rao G	Associate Professor	Mechanical Engineer	Gudlavalleru Engineering College	11-08-20	Patent Filing in	4
2020/08/11	trinayanigece	Mrs.	CH. TRINAYANI	Assistant Professor	Electrical & Electronics Engineering	Gudlavalleru Engineering College	11-08-20	Patent Filing in	5
2020/08/11	vankalopalli	Mr.	V.VITTAL REDDY	Associate Professor	ECE	Gudlavalleru Engineering College	11-08-20	Patent Filing in	4
2020/08/11	alladaaparna	Mrs.	APPARNA ALLADA	Assistant Professor	CSE	Gudlavalleru Engineering College	11-08-20	Patent Filing in	5
2020/08/11	vineela.suri	Ms.	Vineela Krishna. Suri	Assistant Professor	CSE	Gudlavalleru Engineering College	11-08-20	Patent Filing in	3
2020/08/11	govind.tangu	Dr.	GOVINDARAO TANGUDU	Assistant Professor	Basic Sciences and Humanities	Gudlavalleru Engineering College	11-08-20	Patent Filing in	4
2020/08/11	blakshmi@g	Mrs.	LAKSHMI BARLA	Assistant Professor	ECE	GVP College of Engineering	11-08-20	Patent Filing in	5

**GUDLAVALLERU ENGINEERING COLLEGE**  
Seshadri Rao Knowledge Village GUDLAVALLERU

From  
The Head  
Department of  
Gudlavalleru Engineering College,  
GUDLAVALLERU

To  
The Principal  
Gudlavalleru Engineering College,  
GUDLAVALLERU

**UTILIZATION CERTIFICATE**

Ref Letter No : REC/EDP/2020-21/1  
 Dated : 18/8/2020  
 Name of the event : A National level Webinars on "Intellectual Property Rights & Invention - 2020"  
 No. of Days : 03  
 Duration : 10-12 August 2020  
 No. of Participants participated : Internal 234 External 12

Actual Expenditure:

Sl. No	Requested (As per Request letter)	Spent/Actual expenditure
a	Honorarium per person day/ per hour	15,000/-
b	Hospitality for Resource persons	15,000/-
c	TA	/
d	Barriers	
e	Certificates	
f	Lunch/ Dinner for Participants	
g	Snacks for Participants	
h	Scribbling pad and pen etc	
i	Guest Memento	
j	Miscellaneous if any	
Total		Rs. <u>15,000/-</u>

Amount paid to the associative organization : Rs.           

Total Expenditure (A+B) : Rs. 15,000/-

Amount sponsored by others (if any  
(CSI/ISIT/ITF/IEEE Students Association etc.) : Rs.           

Amount Collected from participants : No. 12 @ Rs. 200/- head Rs. 2,400/-

Advance Amount drawn from the Office : Rs. 15,000/-

Amount due from the college to be returned to the college  
(A+B) - (C+D+E) - (C+D+E) - (A+B) : Rs. 2,400/-

(3)  
(3)  
(1)  
(2)  
(2)

Account Number

1010

Account Name

HS grad program

Remarks of the Organizer/Coordinator

with and information material received 100%

Signature

Remarks of the Recipient

Signature

Submitted to the principal for confirmation and an appropriate prog comm under IPRC.

Remarks of the Vice-Principal

Signature

I, J. C. S. S. S. Coordinator of the program has returned/received the balance amount of ₱ 100.00 in words one hundred and 00/100 from the Principal's office.

*Handwritten note:* The amount was returned to the principal's office on 10/10/10

J. C. S. S. S.  
Receiver's signature

Enclosed: Proposal submitted



# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru – 521356, Krishna District (A.P.)

## A National Level Webinar

On

### “Intellectual Property Rights & Patents - A View”

10<sup>th</sup> – 12<sup>th</sup> August 2020 (2.00 PM – 3.30 PM)

### Report

Gudlavalleru Engineering College organized A National Level Webinar On “Intellectual Property Rights & Patents - A View” during 10<sup>th</sup> – 12<sup>th</sup> August 2020 from 2.00 PM to 3.30 PM daily, through Zoom platform. On first day Sri Vijaya Kumar.M, Patent and Trademark Attorney, Hyderabad, delivered a talk on “Overview of Intellectual Property Rights-Importance to Academia”, on the second day Sri Srinivas Maddipati, President M/S Educational Society for IPR, Hyderabad, delivered a talk on “Patent Filling in India”, on the third day Sri Prasada Rao. O, Deputy Controller of Patents & Designs Patent Office, Chennai, delivered a talk on “Filling Procedures of Patents International and Drafting of Specification”. A total of 250 faculty registered for this webinar among which 10 are external participants and all of them actively participated in the event and got benefitted. Dr. M. Kamaraju, Professor and Mentor (AS&A) of ECE department acted as Convener and Sri B. Rajasekhar, Associate Professor of ECE department acted as coordinator for this webinar.

Dr. M. Kamaraju,  
Professor & Mentor (AS&A)  
ECE Department,  
Gudlavalleru Engineering College,  
Gudlavalleru.

# GUDLAVALLERU ENGINEERING COLLEGE

Seshadri Rao Knowledge Village, GUDLAVALLERU

## Proposal to Organize FDP/SDP

Date: 22-7-2020

From  
The HoD  
Department of ECE  
Gudlavalleru Engineering College,  
GUDLAVALLERU

To  
The Principal  
Gudlavalleru Engineering College,  
GUDLAVALLERU

Letter No: GEC/ECE/FDP/SDP/2020-2021/Number - 1

Program : FDP / SDP  
Event : Workshop/Guest Lecture/Seminars/Conference/Webinar/Refreshers in the  
Name of the Event : Embedded system Design  
No. of Days : 6 days  
Duration : 27/07/2020 to 1/8/2020 (10:00 AM to 11:30 PM)  
(Dates)  
Targeted Audience : Student Faculty/Technical Supporting Staff  
If Students  
Year : I / II / III / IV B.Tech / M.Tech  
Expected  
No. of Participants :

External	Internal
-	44

Co-ordinator(s) : Dr. V. V. K. O. V. Prasad - convenor  
Name : Professor & HOD  
Designation : B. Vamsy Krishna  
Mobile No : Assistant Professor - coordinator  
Associative Organization if any : 9492937318  
Resource person(s) :

Sl. No	Name	Designation	Organization
1.	<u>Dr. M. K. R. A. J.</u>	<u>Dr. N. Srinivasan</u>	<u>Faculty Gudlavalleru</u>
2.	<u>V. S. Chandra</u>	<u>Asst. Prof. in ECE</u>	<u>Engineering College</u>
3.	<u>M. S. P. Ramya</u>	<u>ECE Dept.</u>	<u>Gudlavalleru</u>

Brief profile of resource person(s) (if available enclose.)

Objective(S) of the program : To enhance the knowledge in  
Expected outcome : the area of Embedded system Design

Approximate Expected Expenditure Statement

		Rs.
a	Honorarium per person/ day/ hour	-
b	Hospitality for Resource persons	-
c	TA	-
d	Banners	-
e	Certificates	-
f	Lunch / Dinner for Participants	-
g	Snacks for Participants	-
h	Scribbling pad and pen etc	-
i	Guest Memento	-
j	Miscellaneous if any	-
	<b>Total</b>	<b>Rs. -</b>

(A)

Amount to be Collected from participants :

No \_\_\_\_\_ @ Rs. \_\_\_\_\_ / participant Rs. \_\_\_\_\_

(B)

Amount sponsored by others if any (CSI/ISTE/IETE/IEEE/Students Association/etc.) Rs. \_\_\_\_\_

(C)

Budget Sanctioned by the college under FDP/SDP : Rs. 1,00,000/-  
 Budget Spent FDP/SDP (till today) : Rs. -0-  
 Balance amount available : Rs. 1,00,000/-

Amount requested from the college to meet the expenditure : Rs. \_\_\_\_\_  
 A-(B+C)

Advance amount Requested to meet the initial expenditure : Rs. \_\_\_\_\_  
 Kit/ Any other Material given by the Associative Organization : Yes/No

If yes type of supporting material : \_\_\_\_\_

Approximate cost of material / Kit

which is included in the cost collected from the participants :Rs. \_\_\_\_\_

Recommendations of the HoD *Recommend to full with expense Embedded system*

Signature of the HoD

Recommendations of the Vice Principal

Signature of the Vice Principal

Recommendations of the Principal

Principal Signature

I B. Vamsy Krishna Co-ordinator of the program have received an amount of Rs. 0 (in words Zero) from principal's office as an advance amount to meet the Initial expenditure.

*BVK*  
 Signature of Co-ordinator

**GUDLAVALLERU ENGINEERING COLLEGE**  
 Vesabhatti Rao Knowledge Village, GUDLAVALLERU

From  
 The HoD  
 Department of EEE  
 Gudlavalleru Engineering College,  
 GUDLAVALLERU

To  
 The Principal  
 Gudlavalleru Engineering College,  
 GUDLAVALLERU

**UTILIZATION CERTIFICATE**

Ref Letter No. 1 DP/2020-2021/ Number - 01  
 Dated 21/7/2020  
 Name of the event Linux/Shell system Design  
 No. of Days 6 days  
 Duration 21/7/2020 to 28/7/2020  
 No. of Participants participated Internal 444 External \_\_\_\_\_

Actual Expenditure:		Requested (As per Request letter)	Spent (Actual expenditure)
Sl No			
a	Honorarium per person/ day/ per hour	-	-
b	Hospitality for Resource persons	-	-
c	TA	-	-
d	Banners	-	-
e	Certificates	-	-
f	Lunch/ Dinner for Participants	-	-
g	Snacks for Participants	-	-
h	Scribbling pad and pen etc	-	-
i	Guest Memento	-	-
j	Miscellaneous if any	-	-
Total - 0/-		Rs	-

Amount paid to the associative organization : Rs. \_\_\_\_\_ (B)

Total Expenditure (A+B) : Rs. \_\_\_\_\_

Amount sponsored by others if any (CSI/ISTE/IETE/IEEE/Students Association etc.) : Rs. \_\_\_\_\_ (C)

Amount Collected from participants : No \_\_\_\_\_ @ Rs. \_\_\_\_\_ / head Rs. \_\_\_\_\_ (D)

Advance Amount drawn from the Office : Rs. \_\_\_\_\_ (E)

Amount due from the college/ to be returned to the college:  
 (A+B) - (C+D+E) / (C+D+E) - (A+B) Rs. \_\_\_\_\_ (F)

Feedback Taken :  Yes/No

Participants Opinion : Good concepts and Applications

Remarks of the Organizer/ Coordinator : Useful Program to Share the knowledge

Signature : BKs  
For all are copied to Embedded system

Remarks of the HoD : [Signature]

Signature

Remarks of the Vice Principal :

Signature

I B. Vamsy Krishna Coordinator of the program has returned/received the balance amount of  
Rs. 0 (in words Zero) From/To The Principal's office.

BKs  
Receiver's signature

Principal

Enclosed: Proposal submitted

# Gudlavalleru Engineering College:: Gudlavalleru

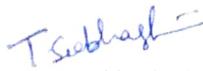


## Dept.of Electronics & Communication Engineering

Refresher Course on " Embedded System Design"  
(27<sup>th</sup> July 2020 to 1<sup>st</sup> August 2020, 10AM to 11.30AM)

### Schedule

Sr.No	Topic	Date	Name of the Resource Person	Zoom link
1	Embedded Systems: Introduction	27-7-2020	1 Dr.M.Kamaraju, Professor 2 Mrs.T.Subhashini, Assistant Professor	Meeting ID: 859 7334 7654 Passcode: ECE
2	General Purpose Processors	28-7-2020	Mrs.V.Srilaxmi, Assistant Professor	
3	Single Purpose Processors	29-7-2020	Mr.N.Sambamurthy, Asistant Professor	
4	State Machine and Concurrent Process Models	30-7-2020	Mr.Y.Srichakrapani, Associate Professor	
5	Design Technology	31-7-2020	Dr.S.Ravi, Associate Professor	
6	Interfacing, Case Studies	1-8-2020	1.Mr.B.R.B.Jaswanth, Assistant Professor 2.Ms.P.Ramya, Assistant Professor	

  
Mrs.T.Subhashini  
Coordinator

  
Dr.M.Kamaraju  
Convener

  
Dr.V.V.K.D.V.Prasad  
Convener

**GUDLAVALLERU ENGINEERING COLLEGE**  
Seshadri Rao Knowledge Village, GUDLAVALLERU

Proposal to Organize FDP/SDP

Date: 1/6/2020

From  
The HoD  
Department of ECE  
Gudlavalleru Engineering College,  
GUDLAVALLERU

To  
The Principal  
Gudlavalleru Engineering College,  
GUDLAVALLERU

Letter No: GEC/ECE/FDP/SDP/2020-2021/Number

Program : FDP / SDP  
Event : Workshop/Guest Lecture/Seminars/Conference.  
Name of the Event : Knowledge Development programme in VLSI, IC & IoT

No. of Days : 06  
Duration : 8/6/2020 To 13/6/2020

(Dates)  
Targeted Audience : Student/Faculty/Technical Supporting Staff  
If Students  
Year : I / II/ III/ IV B.Tech / M.Tech

Expected No. of Participants :

External	Internal
200	100

Co-ordinator(s) : Dr. M. Kamareddy Dr. V.V.K. D.V. Prasad

Name : Professor & mentor, prof. & HOD ECE

Designation : 984 9157394 9347007680

Mobile No : (co-ordinators)

Associative Organization if any

Resource person(s) : Dr. B. Anil Kumar, Executive Engg. coordinator - N. Samba Raju, Asst. Prof. ECE Dept. IROVA semiconductor, Germany

Sl. No	Name	Designation	Organization
(1)	B. Anil Kumar	Sr. Engg.	USA
(2)	Mr. S. Bhavani Shankar	Chief, Executive	Efftronics, VJW
(3)	Dr. K. Solomon Raju	Sr. Principal Scientist	CEERI, Pilani
(4)	Dr. K. Srinivas	Princ. Engineer	Qualcom, Compay, BNG
(5)	Dr. Pradeep Anandhosh	Scientist-G	DYDO, BNG
(6)	Dr. K. Sankar	Principal Engg	ARMLamp, BNG
(7)	Dr. Panak	Sr. Engineer	Enthuse Solar Energy Ltd.

Availability of resource person(s) : (if available enclose.)

Objectives (S) of the program

Expected outcome

This KDP aimed at Researchers, faculty industry worthy personalities in this all industrial experiences may enhance the knowledge of individuals to extend their research activities in near future

After attending this KDP participants able to acquire the knowledge of industrial business challenges to be taken innovative in research & development.

**Approximate Expected Expenditure Statement**

a	Honorarium per person/ day/ hour	Rs.
b	Hospitality for Resource persons	30,000 ( Approx )
Total		Rs. 30,000 ( Approx )

Amount to be Collected from participants :

No.      @ Rs.      / participant      Rs. Nil

Amount sponsored by others if any  
(CSI/ISTE/IETE/IBEE/Students Association/etc.)

Rs. Nil

Budget Sanctioned  
by the college under FDP/SDP

: Rs. 9,50,000

Budget Spent FDP/SDP (till today)

: Rs. 2,67,855

Balance amount available

: Rs. 82,145

Amount requested from the college to meet the expenditure : Rs.

30,000

A-(B+C)

Advance amount Requested to meet the initial expenditure : Rs.

30,000

Kit/ Any other Material given by the Associative Organization

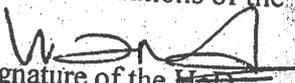
Yes/No

If yes type of supporting material :

Approximate cost of material / Kit

which is included in the cost collected from the participants -Rs.

Recommendations of the HoD

  
Signature of the HoD

*This POP will enhance the knowledge of faculty in VLSI and IoT. Recommended.*

Recommendations of the Vice Principal

Signature of the Vice Principal

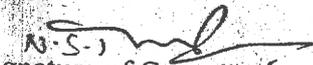
*Submitted to the principal for consideration*

Recommendations of the Principal

Principal Signature

  
16/10

I N. Sambamurthy Co-ordinator of the program have received an amount of  
Rs. 30,000 (in words Thirty thousand) from principals office as an advance amount to  
meet the Initial expenditure.

  
N.S.J.  
Signature of Co-ordinator

B  
C

**Chief Patron:**

AANM & VVRSR Educational Society

**Patrons:**

Dr. P. Ravindra Babu, Principal

**Co-Patrons:**

Dr.G.S.N.R.V.Prasad, Vice Principal-Academics

Dr.B.Karuna Kumar, Vice Principal-Administration

**Advisor:**

Dr. P. Nageswara Reddy, Director, AS&A

**Convenor(s):**

Dr.M.Kamaraju, Professor&Mentor,(As&A),ECE

Dr.V.V.K.D.V.Prasad, Professor&Head,ECE

**Advisory Committee:**

Dr.A.V.N.Tilak , Professor, ECE

Dr.K.N.Prakash, Professor, ECE

Dr.R.S.Rao, Professor, ECE

Dr.Y.Rama Krishna, Professor, ECE

Dr.Ravi Krishna Reddy, Professor, ECE

Dr.Ch.Bala swamy, Professor, ECE

Mr.V.Vittal Reddy, Assoc. Prof., ECE

Mrs.T.Venkata Lakshmi, Assoc. Prof., ECE

Mr.T.S.R.Krishna Prasad, Assoc. Prof., ECE

Mr. A. Mallaiah, Assoc. Prof., ECE

Dr.Y.Syamala, Assoc. Prof., ECE

Mr.B.Raja Sekhar, Assoc. Prof., ECE

Mr.Y.Sri Chakrapani, Assoc. Prof., ECE

Dr.D.Prabhakar, Assoc. Prof., ECE

Dr.S.Ravi, Assoc. Prof., ECE

Dr.T.Ananda Babu, Ass.Prof.,ECE.

**Address for Correspondence**

Convenor,

Knowledge Development programme

Department of ECE

Gudlavalleru Engineering College, Gudlavalleru.

**Further Details contact:**

Coordinator -KDP

Mr.N.Sambamurthy



9959934656



9247811774



gececefdp@gmail.com

**Registration link:**

<https://forms.gle/B4EELPuNaKEWo1FcA>

**whatsapp link:**

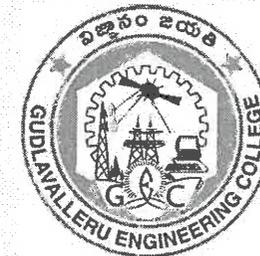
<https://chat.whatsapp.com/Jr7IsGEvUaq8Drbb2CrVJ>



*One week  
International online  
Knowledge Development Programme  
(KDP)  
on*

*"Challenges and advancements in the  
Design of IoT, Embedded and VLSI  
Systems: A Researchers View".*

8<sup>th</sup> - 13<sup>th</sup> June, 2020



Organized by

Department of Electronics & Communication Engineering

**Gudlavalleru Engineering College**

(Sponsored by AANM & VVRSR Educational Society)

SESHADRI RAO KNOWLEDGE VILLAGE

Gudlavalleru- 521 356, Krishna District, Andhra Pradesh

(Affiliated to JNTUK, KAKINADA)

Phone: 08674 - 273737, 273888, Fax : 08674 - 273957

Website: www.gecgudlavalleru.ac.in



# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
(Sponsored by A. A. N. M & V. V. R. S. R Educational Society, Gudlavalluru)  
Approved by AICTE, New Delhi and Permitted by AP State Government  
Accredited by NAAC with 'A' Grade



Counselling Code : **GDLV**

**One week International online Knowledge Development Programme on**  
***"Challenges and advancements in the Design of IoT, Embedded and VLSI Systems: A Researchers View".***  
8<sup>th</sup> - 13<sup>th</sup> June, 2020.

5:30 P.M To 7:30 P.M (IST).

Organized by

***Department of Electronics & communication Engineering.***

#### Resource Persons:

1. Er. S. Bhavani Shankar, Head-IoT, Efftronics systems Pvt.Ltd., Vijayawada.
2. Dr. K. Solomon Raju, Sr. Principal Scientist, CEERI, Pilani.
3. Er. Pradeepkumar Dixena, Scientist-D, Anurag, DRDO, Hyderabad.
4. Er. Krishna Kaza, Director/Head, Logitech, California, USA
5. Er. B. Ajith Kumar, Sr. Systems Engineer, Abott Labs, USA.
6. Er. G. V. Sai Krishna, Sr. Engineer, ARM Company, Bangalore.
7. Er. B. Anil Kumar, Tech. Manager, inovas, semiconductors (GmbH), Germany.
8. Er. P. Srinivas, Qualcomm, Hyderabad.
9. Er. Ramakrishna Dutt. Ch., Sr. Engineer, Enthase solar energy Ltd. Bangalore.

#### Guide lines:

- ❖ No Registration FEE
- ❖ e-participation certificate will be provided through your e-mail only after given overall feedback

❖ Registration must be done using google link:

<https://forms.gle/B4EELPuNaKEWo1FcA>

❖ Whatsapp link:

<https://chat.whatsapp.com/Jr7IsGEvUaq8Drbhb2CrVJ>

Contact:

 [gececefdp@gmail.com](mailto:gececefdp@gmail.com)



9959934656



9247811774

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# GUI AVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru – 521356, Krishna District (A.P.)

## Department of Electronics and Communication Engineering

One week International online Knowledge Development Programme (KDP) on  
“Challenges and Advancements in the Design of IoT, Embedded and VLSI Systems: A Researchers View”  
(CADIEVR – 2020)

8<sup>th</sup> - 13<sup>th</sup> June, 2020 5:30 PM(IST)

### Programme Schedule

8<sup>th</sup> June 2020



5.00 PM : Inauguration by **Er. B. Sambhi Reddy**,  
Chief Engineer, Efftronics Systems Private  
Ltd,Vijayawada



5.30 PM : A talk on “Challenges and advancements  
in the Design of IoT systems” by  
**Er. Bhavani Shankar**, Head, IoT,  
Efftronics Systems Private Ltd,Vijayawada

9<sup>th</sup> June 2020



5.30 PM : A talk on “IoT System Design and  
Computing platforms” by **Dr. K. Solomon  
Raju**, Sr. Principal Scientist, CSIR – CEERI,  
Pilani.

10<sup>th</sup> June 2020



5.30PM : A talk on “Analogy Mixed Signal and RF  
IC designs for defense Applications” by  
**Er. Pradeep Kumar Dixena**, Scientist D,  
ANURAG, DRDO, Hyderabad.

11<sup>th</sup> June 2020



5.30PM A talk on “Challenges and Advancements  
in the design of VLSI – Physical Design” by  
**Er. G.V. Sai Krishna**, Software Engineer,  
ARM Embedded Technologies.

11<sup>th</sup> June 2020



6.30PM : A talk on “Design-In of Serializers and Deserializers  
for Automotive Platforms” by **Er. Anil Kumar B**,  
Technical Sales Manager, Inova Semiconductors  
GmbH, Germany.

12<sup>th</sup> June 2020



5.30PM : A talk on “Snapdragon Mobile  
Architecture & Functional Overview” by  
**Er. P. SRINIVAS**, Lead Engineer, Qualcomm,  
Hyderabad.



6.30PM : A talk on “Manufacturing Execution  
Systems” by **Er. Ajith Kumar B**, Sr.Product  
Architect Abbott, Los Angles, USA

13<sup>th</sup> June 2020



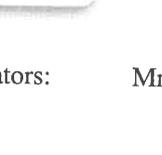
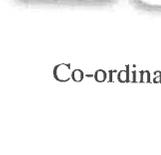
5.00PM : A talk on “Challenges of Automating  
Embedded Systems in industries (Real Time  
Applications)” by **Er. Ramakrishna Dutt Ch G**, Senior  
Software Engineer, Enphase Energy, Bangalore.



6.30 PM: A talk on “Software Plat Forms- IoT/Embedded” by  
**Er. Krishna Kaza**, Director, Logitech, California , USA



7.30 PM: Valedictory, Chief Guest, **Dr. G. Mallikarjuna Rao**,  
Scientist G, Research Centre, Imarat, DRDO, Hyd.  
Guest of Honour, **Er. D. Ramakrishna**, CEO, Efftronics  
Systems Pvt. Ltd.,Vijayawada.



Conveners: **Dr. M. Kamaraju** **Dr. V.V.K.D.V. Prasad**

Co-ordinators: **Mr. N. Samba Murthy** **Mr. B. Rajasekhar**

## **Mr. Bhavani Shankar**

Mr. Bhavani Shankar is currently heading IoT division in Efftronics Systems Pvt. Ltd. He is instrumental in its growth and also positioning Efftronics as one of India's smart solutions company. Backed by rich R&D, Efftronics is now a leading provider of smart solutions for Railways signalling, Smart cities, Smart Buildings and Industrial domains.

Mr. Bhavani Shankar is the design architect for many IoT solutions innovated for different domains for the last 15years. His area of expertise is building Intelligent Edge Devices and Sensing Systems, Data Analytics, IoT platforms and Design thinking.

Mr. Bhavani Shankar closely works with academic institutions in various capacities for improvement of curriculum and teaching learning process. He is very active learner and keeps on upgrading with futuristic technologies and world best practices through global exposure.

Mr. Bhavani Shankar has master's degree in Electronics.

rkf

## Brief Bio-data

**Name:** Pradeep Kumar Dixena

**Designation:** Scientist 'D'

**Lab:** ANURAG, DRDO, Hyderabad

**Graduation:** B. E. in Electronics and telecommunication from RIT Raipur (C.G.) in year 2005

**Gate Score:** 175 rank all over india in 2006

**Post-graduation:** M.E. in Microelectronics System from IISc Bagalore, in year 2011

**Career:** Joined DRDO in 2006

**Work area:** Analog, Mixed signal and RF VLSI design.

**Area of Interest:** High speed ADC/DAC design, Fractional N-PLL design, Signal Conditioning circuit design, High frequency and RF circuit design

**Expertise:** Cadence Custom IC design tool, Layout design, Mixed signal Design tool, Verilog, VHDL, Matlab, Perl, Visual basic, FPGA system design, System Vue, ADS, IC testing and verification

**Publication:** 1 paper in International conference, 2 paper in national conferences and 5 paper in DRDO conferences

ret

## Er.G.V.Sai Krishna Brief Biography

I hail from Kanigiri ,Prakasam (Dt) A.P. I pursued my B.tech in Gudlavalleru Engineering college and completed my M.Tech from NIT Warangal. I have overall 8 years of experience in which I worked for 7 and half years in Open silicon Research pvt ltd company at Bangalore and recently moved to ARM as a Staff engineer. My role there involves Physical design for blocks/top level for various applications in different technology nodes. My work primarily includes closure of PNR , STA, PDV , IR Analysis.

Thanks & Regards  
Sai Krishna



## Anil Kumar Burra.

Born, buttered, brought up completely in Gudlavalleru.

Done my schooling in AANM & VVRSR High school and then diploma in Electronics and Communication Engineering from AANM & VVRSR Polytechnic. Then as a lateral entry, joined GEC for my Bachelors in 2007 in Electronics and Communication Engineering.

The first President of IETE student forum (ISF). Always been a proud Gudlavalleru Alumni.

I was always passionate on learning about new trends and technologies in the field of Electronics and present them in National and International Symposiums. During my 3 years of Engineering, presented 26 National papers with the support of faculty. One of the two students student representatives from Andhra pradesh in ISTE student convention during 2009-2010. Been a part of almost all Extra and Co-curricular activities.

Moved to Germany in 2011 after getting admission in Universität Bremen for the course work of Information and Automation Engineering. Master Project and Thesis in Embedded systems. Worked for 4 years as Embedded developer, programming Industrial cameras used in military and defence industries, before changing roles into Technical Sales. My current work focuses on System level design for Automotive OEM's.

How a product can be integrated into customer high level systems by understanding the requirements and specifications of the system design is the focus of my work!

Best regards,  
Anil.



## AJITH BIO GRAPHY

My little bio

Have 14 year experience in system solutions.  
Joined Abbott in 2012 as a programmer analyst.

I am part of the group which manufacturing Implantable Electronics. ICD, Pacemaker, NUero devices for pain management and leads which connect to heart.

My specialization is in Manufacturing execution systems, which governs the process of the manufacturing, FDA Audits.

Thanks,  
Ajith Burra

rt

<b>Name</b>	<b>RAMAKRISHNA DUTT CH G</b>
<b>Email ID</b>	<u>dutt.060587@gmail.com</u>
<b>Phone No</b>	7032023629, 8971406937

**Experience Summary(8+ Years):**

- **Good Team Player, leader and managing end to end System level issues.**
- Hands-on experience in : **JIRA, Confluence, Test-Rails, End to End Management of Team.**
- Hands-on experience in: **Firmware Development for various Real Time Applications.**
- Hands-on Experience on : **Arduino Platform-Arduino Mega2560 Board with GSM, GPS, Wi-Fi modules etc.**
- Hands-on Experience on : **SIM900 Module**
- Hands-on Experience on : **Code Composer Studio, CodeWarrior IDE Tools, Eclipse IDE.**
- Hands on Experience on : **TI Processors: TMS320F28027, TMS320F28035.**
- Hands on Experience on : **Freescale Micro Controller: MC56F82748.**
- Hands on Experience on : **ST Micro Controller: STM32F427**
- Hands on Experience on : **ARM mbedOS**
- Good Knowledge on : **IoT Project Basics.**
- Good understanding of : **MODBUS, TCP/IP Protocols, PLC Stacks.**
- Good Knowledge on : **MODBUS testing using MODBUS POLL.**
- **Certified professional on Solar Photo-Voltaic Off-grid & On-grid Design & Installation by Govt of India.**
- Has experience in Signal & Power Testing on Power Line Communication (PLC).
- Has full exposure to complete Software Testing Life Cycle
- Has experience in creating new scenarios of PLC testing.
- Acceptance testing of software releases by vendors & reporting bugs.
- Experience in estimating the efforts required for the project initiating a project from brings up stage and completing with in deadline.
- Strong analytical and communication skills.
- Good knowledge and experience of Linux and Windows
- Ability to learn things quickly, adjust to people, circumstances and responsibility, hard working with ambitious and realistic attitude.

**Skill Set**

<b>Qualification</b>	M.Tech (Electronics & Communication)
<b>Languages</b>	C , Embedded C, mbed OS, Python, Robot Framework
<b>Operating Systems</b>	Unix/Linux, Windows, MacOS
<b>Protocols</b>	TCP/IP, MODBUS, Serial Communication Protocols, UART, SPI, I2C
<b>Tools</b>	CCS, CodeWarrior, MATLAB, MODBUS POLL, Semi-Tech & ST GUI's, Eclipse, PyCharm
<b>Software Management Tools</b>	JIRA, JAMA, Test-Rails
<b>Equipment Handled</b>	NHR Grid Simulator, AC Chroma Power Supplies, SAS, High Power Programmable DC, AC Sources, WTPower Analyzer(3000, 1800, 500, 230), DSO., Spectrum Analyzer

**Projects Summary till now:**

<b>Completed</b>	<ol style="list-style-type: none"> <li>1. Development of Solar based Micro-Inverters OFFGRID &amp; GridTie.</li> <li>2. Development of Gateway modules</li> <li>3. Design and Development of RFID Terminal using Ethernet Gateway.</li> </ol>
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*ret*

<p><b>Duration:</b> May 2015 – Dec 2016</p>	<p><b>Environment:</b> Real Time R&amp;D Project. <b>Role :</b>Firmware Engineer <b>Responsibilities:</b></p> <ul style="list-style-type: none"> <li>• Implementing Various Peripheral modules like GPIO, PWM, ADC, DAC, UART, TIMERS, Comparators, SPI, EEPROM etc.,</li> <li>• Implementing various applications like PLL, Voltage Feed Forward, Current loops, MPPT loop for Micro-Inverters.</li> <li>• Implementing Bootloader.</li> <li>• Calibration for basic boards and testing the Micro-Inverters.</li> <li>• Debugging and analyzing of all functionality related issues.</li> </ul>
<p><b>Implementing IEEE Projects for various caompanies:</b> Real Time Embedded &amp; Image Processing Applications (IEEE Base Papers)</p> <p><b>Duration:</b> July 2012 –April 2015</p>	<p><b>Objective:</b> Industry Institute Interaction for implementing Real Time Embedded Projects. <b>Role :</b>Project Co-Ordinator <b>Technical Skills:</b></p> <ul style="list-style-type: none"> <li>• Embedded C</li> <li>• Keil u Vision</li> <li>• CCS</li> </ul> <p><b>Responsibilities:</b></p> <ul style="list-style-type: none"> <li>• Study and analyze the Real-Time Embedded Projects using IEEE Standards.</li> <li>• Worked on Keil &amp; CCS to implement IEEE Papers for both Embedded &amp; Image Processing Applications.</li> </ul>
<p><b>Foreign Visits</b></p>	<p><b>Visited -The USA, New Zealand, Singapore on Business Visits</b></p>
<p><b>Academics</b></p>	<p>Master of Technology(B.Tech)   Electronics and Communication   2009-2011   <u>85.28 %</u> Jawaharlal Nehru Technological University, Kakinada, Andhra Pradesh</p> <p>Bachelor of Technology(B.Tech)   Electronics and Communication   2004-2008   <u>81.89 %</u> Jawaharlal Nehru Technological University, Hyderabad, Andhra Pradesh</p> <p>Intermediate (+2)   Maths , Physics and Chemistry (MPC)   2002-2004   <u>90.10 %</u> Board of Intermediate, Hyderabad   Andhra Pradesh</p> <p>Secondary School Certificate (SSC, X)   2002   <u>85.00 %</u> Board of Secondary Education   Andhra Pradesh</p>
<p><b>M.Tech Thesis</b> (This Thesis is published in IEEE Conference as a Paper)</p>	<p><b>Title:</b>Hybrid Medical Image Fusion Method Using Wavelet and Fast Discrete Curvelet Transform(FDCT). <b>Abstract:</b> Image fusion is very much important nowadays, as there is enormous presence of information in the fused one. In this project a hybrid medical Image Fusion algorithm for fusing medical images with the help of DWT and FDCT is presented. The basic DWT is initially applied to obtain fine and coarse details of an image. To obtain curved edges information of the same image, the DWT coefficients are again</p>

**Declaration:**

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

**Date:**

**Place: Bangalore**

**(Ramakrishna Dutt Ch G)**

## View Krishna Kaza's Brief Profile

### Experience



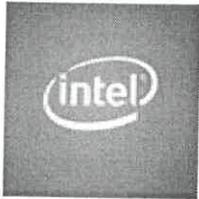
- **Director/Head - Android Engineering, Video Collaboration**

Logitech

Mar 2019 – Present 1 year 4 months

Newark, Ca

Logitech is on a mission to bring great experiences into the conference rooms and we are on a roll. Doing my part in this journey to lead and drive.



Intel Corporation

7 years 8 months

- **Head of Flight Execution, Drones Development**

Jun 2017 – Mar 2019 1 year 10 months

Santa Clara

- **Senior Engineering Manager (Perceptual Computing, RealSense)**

Jun 2015 – May 2017 2 years

Santa Clara

Lead NLP/Speech systems and software development for ROBOTS to enable natural interaction with Dialog, WOV, FollowMe and other such usages. Amazon Alexa and Internal speech engines were used for this effort including 3D sensors for fusing speech and vision with ROS

Lead computer vision, Image Processing, ML/AI, Analytics software development for vision inferring applications for people and objects detection, recognition and tracking

Lead development of AR/VR usages with 6DOF tracking...

Show more



1991 – 1995



- **Osmania University**  
**Osmania University**  
Bachelor of Engineering (B.E.) Mechanical Engineering  
1991 – 1995



- **Kendriya Vidyalaya**  
**Kendriya Vidyalaya**  
**Patents**
- **Imaging architecture for depth camera mode with mode switching**  
Issued June 5, 2018 United States 9992483  
An imaging architecture is described for a depth camera mode with mode switching. In one example, an imaging device has a primary camera to capture an image of a scene, a secondary camera to capture an image of the same scene, a third camera to capture an image of a second scene, a processor having a first port coupled to the primary camera to receive images from the primary camera and a second port to receive images, and a multiplexer coupled to the secondary camera and to the third camera to receive the captured images and to alternately couple the secondary camera or the third camera to the second port of the processor.  
Show less
- **User interfaces for electronic devices**  
Issued February 6, 2018 United States 9888166  
electronic device display interface embodiments for controlling a camera and for reviewing images captured in the device from the camera. For example, in some embodiments, a device is provided with a display for viewing images to be captured by the camera and to provide a display interface for controlling camera operation, wherein the display interface, when in an image capture mode, is to provide an image capture button with two or more smaller image mode buttons disposed adjacent to the image...  
Show more
- **Storage of depth information in a digital image file**  
Issued June 14, 2016 United States 9369727  
encoding depth-enabled digital images in a file format, such as JPEG. In addition to compressed image data, calibration, disparity and other depth-related information can be embedded in one or more application-specific segments of a given image file.

mf

## Bio Data

**Dr. G .MallikarjunaRao** is working as a senior scientist in Research Centre Imarat (RCI), DRDO, Hyderabad for the last 20 years. He is heading a group of seeker stabilization systems in RCI. He is a Deputy Project Director for project ANVESHA. His area of Specialization is AUTOPILOT DESIGN, MODELLING, SIMULATION and Visual Object Tracking by using Estimation Techniques.

He is Graduated from College of Engineering, Andhra University in ECE, Masters of Engineering from College of Engineering, Andhra University and Phd in Image Processing from JNTU, Kakinada.

He has published around 15 papers in various international journals. He is having professional membership in System Society of India, Sensors Research Society, society for small satellite systems and Aeronautical Society of India. He has received four awards in DRDO for his outstanding contribution towards controller design for various missile applications.

Recently he has applied for patent in the area of text independent speech recognition.

### List of Awards

- JC Bhattacharyya Memorial Award. 2. DRDO award for performance excellence 2011.
- DRDO award for performance excellence -2012. 4. Technology Group Award.

## BIO DATA of D.RAMA KRISHNA



Dasari Ramakrishna did B.E. (Electrical engg.) from Regional Engineering College., Surat in 1981 and M.TECH (Electrical engg.) from IIT MADRAS in 1983. He started his career as a lecturer in Siddhartha Engineering College, Vijayawada for two years. In 1985 he started Efftronics at the age of 27 and now leading a team of around 550 employees and developed an R&D center with more than 100 Engineers which is approved by DSIR (Department of Scientific and Industrial Research), Govt. of India.

He has expertise in Design and development of **Innovative products** in the field of **electrical, electronic, instrumentation engineering and software**. Till now 27 innovative products were developed which are **Electronic Moving Displays, Data Loggers, Data Acquisition Systems, Fail safe systems, LED Lights etc.**

He acts as a member in Board of studies, Academic Council and Governing body for several Educational Institutions. He is adviser for different Educational Universities in syllabus formulation for improving the quality of education.

He is state steering committee member in TEQUIP (Technical Education Quality improvement Programme), Govt of India and actively associated in several associations like CII (Confederation of Indian Industry) National, Zonal and State Level Committee's, IEI (Institution of Engineers), Andhra chamber etc.,

He got trained on best Industrial practices in various countries like Japan, Israel, Germany etc., and continuously follows the latest trends of various technologies by visiting International trade fairs, seminars across the world.

*Handwritten signature*



# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru – 521356, Krishna District (A.P.)

## Department of Electronics and Communication Engineering

One week International online Knowledge Development Programme on  
“Challenges and Advancements in the Design of IoT, Embedded and VLSI Systems:  
A Researchers View”

(CADIEVR – 2020)

8<sup>th</sup> - 13<sup>th</sup> June, 2020 5:30 PM(IST)

### Report

Received a total of 800 registrations for this programme out of which 500 participants were shortlisted to attend this programme on first come first basis. On each day approximately 180 to 200 participants actively participated through zoom app and nearly 25 participated through youtube. The participants are from different states namely Andhra Pradesh, Tamilnadu, Karnataka, Kerala, telangana, Maharashtra, Odisha, Madhya Pradesh, Utter Pradesh, Chhattisgarh, Punjab and international participants from Kuwait, Germany, US and Singapore.

Er. B. Sambhi Reddy garu, was invited as chief guest for inaugural function and Dr. G. Mallikarjuna Rao, was invited as Chief Guest and Er. D. Ramakrishna, CEO, Efftronics Systems Pvt. Ltd., was invited as Guest of Honour for valedictory function.

All together nine speakers from industry gave talk on six days on various area related to design of IoT, Embedded and VLSI systems. Among the nine speakers four are Alumni of ECE department. The speakers are Er. Bhavani Shankar, Dr. K. Solomon Raju, Er. Pradeep Kumar Dixena, Er. G.V. Sai Krishna, Er. Anil Kumar B, Er. P. SRINIVAS, Er. Ajith Kumar B, Er. Ramakrishna Dutt Ch G and Er. Krishna.Kaza.

Conveners: Dr. M. Kamaraju, Dr. V.V.K.D.V. Prasad

# GUDLAVALLERU ENGINEERING COLLEGE

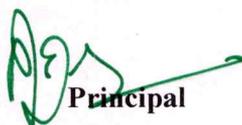
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, Gudlavalleru

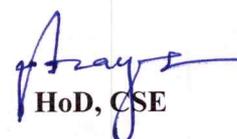
## Department of Computer Science and Engineering

### LIST OF WORKSHOPS CONDUCTED(2020-21)

S.No.	Name of the Program	Name of the Staff	No. of days	Date	Organized by
1	Hands on Hadoop	Mr. Ch. Madan Mohan Chowdary	1	14-10-2020	Gudlavalleru Engineering College
		Mr. P. Srinivasa Rao			
		Mr. P. N. V. Anil Kumar			
		Mr. K. Kali Raju			
		Mrs. J. Kavitha			
		Mr. J. Kishore Babu			
		Mr. K. Pavan Kumar			
		Mr. A. Sairam			
		Mr. T.Siva Krishna			
		Mr. K. Nagababu			
		Mr. B. Narasimha Swamy			
		Mr. N. Raja Sekhar			
Mr. B. V . Chalam					
Mr.T. Santhachari					

  
Principal

**PRINCIPAL**  
Gudlavalleru Engineering College  
GUDLAVALLERU-521 356.

  
HoD, CSE

Head of the Department  
Computer Science and Engineering  
Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLERU - 521 356

# GUDLAVALLERU ENGINEERING COLLEGE

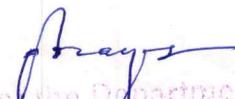
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru

## Department of Computer Science and Engineering

### Registration Form

A one day Training Programme on "Hands on Training on Hadoop" on 14 <sup>th</sup> October 2020				
S.No.	Name of the Participant	Designation	Department	College & Address
1	K. BHASKAR	Assistant Prof	CSE	GEC, Gudlavalleru.
2.	M. SOMAYAJU	Asst prof	IT	Gec, Gudlavalleru
3.	P.N. SATEESH	Computer operator	IT	GEC, Gudlavalleru
4.	Ch Bharan	Computer operator	IT	GEC, Gudlavalleru
5	G. Keerthi	Asst. prof.	CSE	GEC, Gudlavalleru
6.	V. Advaita	Asst. Prof	CSE	GEC, Gudlavalleru.
7	M. Siva Naga Prasad	Asst. Prof	CSE	GEC, Gudlavalleru.
8.	K. HAREESH KUMAR	Asst. prof	CSE	GEC, Gudlavalleru
9.	K. Bhargavi	Asst. Prof	CSE	GEC, Gudlavalleru
10.	A. Apparna	Asst. Prof	CSE	GEC, Gudlavalleru
11.	T. Nagamani	Asst. prof	CSE	GEC, Gudlavalleru
12	N. Roja	Computer operator	IT	GEC Gudlavalleru

  
Co-ordinator

  
Head of the Department  
HoD, CSE  
Computer Science and Engineering  
Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLERU - 521 356

# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, Gudlavalleru

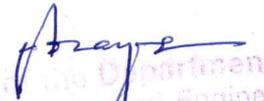
## Department of Computer Science and Engineering

### Registration Form

A one day Training Programme on "Hands on Training on Hadoop" on 14 <sup>th</sup> October 2020				
S.No.	Name of the Participant	Designation	Department	College & Address
1	K. Pavan Kumar	Computer Programmer	CSE	GEC, Gudlavalleru
2	KOLUSU NAGA BABU	Computer Operator	CSE	GEC, Gudlavalleru
3	J. Kishore Babu	Computer programmer	CSE	GEC, Gudlavalleru.
4	N. Raja Sekhar	Computer operator	CSE	GEC, Gudlavalleru.
5	T. SIVA KRISHNA	Computer operator	CSE	GEC, Gudlavalleru
6	B. NARASIMHA SWAMY	computer operator	CSE	GEC, Gudlavalleru
7	A. SAI RAM	Computer Operator	CSE	GEC, Gudlavalleru
8	J. Kavitha	Computer operator	CSE	GEC, Gudlavalleru
9	K. KALIRAN	computer operator	CSE	GEC, Gudlavalleru
10	P. SRINIVASARAO	network Admin	CSE	GEC, Gudlavalleru



Co-ordinator



Head, Department  
Computer Science and Engineering  
Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLERU - 521 355

# GUDLAVALLERU ENGINEERING COLLEGE

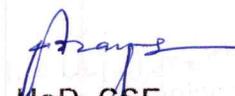
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru

## Department of Computer Science and Engineering

### Registration Form

A one day Training Programme on "Hands on Training on Hadoop" on 14 <sup>th</sup> October 2020				
S.No.	Name of the Participant	Designation	Department	College & Address
1	Dr. M. Ravisankar	Associate Professor	CSE	Gudlavalleru Engg. College
2	Aditya	Assistant Prof	CSE	GEC
3	T. Balakrishna	Assistant Professor	CSE	Gudlavalleru Engineering College
4	K. Rama Krishna	Assistant Professor	CSE	GEC
5	P.N.V. Anil Kumar	Senior Administrator	CSE	Gudlavalleru Engg. College.
6	T. SANTHA CHARI	Jr LAB TECHNICIAN	CSE	GEC
7	Ch. Madana Mohan choudary	System Administrator	CSE	GEC
8	B.V. Chalam	Jr. Lab Tech.	CSE	GEC

  
Co-ordinator

  
HoD, CSE  
Department of Computer Science and Engineering  
Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLERU - 521 356

# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru

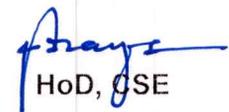
## Department of Computer Science and Engineering

### Attendance Sheet

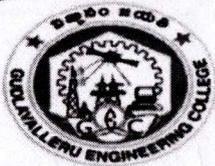
A one day Training Programme on "Hands on Training on Hadoop"  
on 14<sup>th</sup> October 2020

S.No.	Name of the Staff	Signature	
		F.N.	A.N.
1	Mr. CH. MADAN MOHAN CHOWDARY	ch.m.m.-u	ch.m.m.-u
2	Mr. P. SRINIVASA RAO	P. Srinivasa Rao	P. Srinivasa Rao
3	Mr. P.N.V. ANIL KUMAR	P.N.V. Anil Kumar	P.N.V. Anil Kumar
4	Mr. K. KALI RAJU	K. Kaliraju	K. Kaliraju
5	Mrs. J. KAVITHA	J. Kavitha	J. Kavitha
6	Mr. J. KISHORE BABU	J. Kishore Babu	J. Kishore Babu
7	Mr. K. PAVAN KUMAR	K. Pavan Kumar	K. Pavan Kumar
8	Mr. A. SAIRAM	A. Sairam	A. Sairam
9	Mr. V. PHANENDRA	V. Phanendra	V. Phanendra
10	Mr. T. SIVA KRISHNA	T. Sivakrishna	T. Sivakrishna
11	Mr. K. NAGABABU	K. Nagababu	K. Nagababu
12	Mr. B. NARASIMHA SWAMY	B. Narasimha Swamy	B. Narasimha Swamy
13	Mr. N. RAJA SEK HAR	N. Rajasekhar	N. Rajasekhar
14	Mr. B.V. CHALAM	B.V. Chalam	B.V. Chalam
15	Mr. T. SANTHACHARI	T. Santhachari	T. Santhachari

  
Co-ordinator

  
HoD, CSE

Head of the Department  
Computer Science & Engineering  
Gudlavalleru Engineering College  
GUDLAVALLERU - 521 350



## Gudlavalleru Engineering College

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kinada)  
Seshadri Rao Knowledge Village :: GUDLAVALLERU-521356  
Department of Computer Science and Engineering



### Certificate of Participation

This to certify that Mr./Mrs./Ms. CH MADANA MOHAN from  
GUDLAVALLERU ENGINEERING CHOWDARY has actively participated in one day training  
Program on "Hands on Hadoop" organized by Department of Computer Science and Engineering ,  
Gudlavalleru Engineering College on 14<sup>th</sup> October 2020.

Coordinator

HoD-CSE

Principal



## Gudlavalleru Engineering College

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kinada)  
Seshadri Rao Knowledge Village :: GUDLAVALLERU-521356  
Department of Computer Science and Engineering



### Certificate of Participation

This to certify that Mr./Mrs./Ms. Srinivasa Rao Pedaprolu from  
Gudlavalleru Engineering College has actively participated in one day training  
Program on "**Hands on Hadoop**" organized by Department of Computer Science and Engineering ,  
Gudlavalleru Engineering College on 14<sup>th</sup> October 2020.

Coordinator

HoD-CSE

Principal

**GUDLAVALLERU ENGINEERING COLLEGE**  
 (An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
 Seshadri Rao Knowledge Village, Gudlavaluru

Proposal to Organize FDP/SDP

From  
 The HoD  
 Department of CSE  
 Gudlavaluru Engineering College,  
 GUDLAVALLERU

Date:  
5/6/20

To  
 The Principal  
 Gudlavaluru Engineering College,  
 GUDLAVALLERU

Letter No: GEC/CSE/FDP/SDP/2019-2020/

Program : FDP / SDP  
 Event : Workshop/Guest Lecture/Seminars/Conference.  
 Name of the Event : Five Day online Faculty Develop Program on  
 No. of Days : 5 "Blockchain Technologies"  
 Duration (Dates) : 9-6-20 to 13-6-20  
 Targeted Audience : Student / Faculty / Technical Supporting Staff  
 If Students :  
 Year : I / II / III / IV B.Tech / M.Tech  
 Expected No. of Participants :

External	Internal
<u>300</u>	<u>70</u>

Co-ordinator(s) Name : J.N.V.R. SWARUP KUMAR  
 Designation : Assistant Professor, CSG  
 Mobile No : 9246780009  
 Associative Organization if any :  
 Resource person(s) :

Sl. No	Name	Designation	Organization
<u>1.</u>	<u>Mr. T. Ram Kumar</u>	<u>Senior lead</u>	<u>Innovation labs</u> <u>Hyderabad.</u>

Brief profile of resource person(s) (if available enclose.)

Objective(S) of the program : To familiarize the basic concepts and tools of blockchain technology.

Expected outcome : Explain the basic concepts of blockchain technology. Discuss on various tools used in blockchain.

Approximate Expected Expenditure Statement

		Rs.
a	Honorarium per person/ day/ hour	
b	Hospitality for Resource persons	9,000/-
c	TA	
d	Banners	
e	Certificates	
f	Lunch / Dinner for Participants	
g	Snacks for Participants	
h	Scribbling pad and pen etc	
i	Guest Memento	
j	Miscellaneous if any	
Total		9,000/-

Amount to be Collected from participants : (A)

No \_\_\_\_\_ @ Rs. \_\_\_\_\_ / participant Rs. \_\_\_\_\_ (B)

Amount sponsored by others if any (CSI/ISTE/AETE/IEEE/Students Association/etc.) Rs. 1000/- (C)

Budget Sanctioned by the college under FDP/SDP : Rs. \_\_\_\_\_

Budget Spent FDP/SDP (till today) : Rs. 8000

Balance amount available : Rs. \_\_\_\_\_

Amount requested from the college to meet the expenditure : Rs. \_\_\_\_\_

Advance amount Requested to meet the initial expenditure : Rs. \_\_\_\_\_

Kit/ Any other Material given by the Associative Organization : Yes/No

If yes type of supporting material : \_\_\_\_\_

Approximate cost of material / Kit

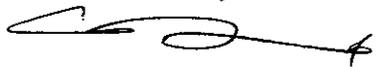
which is included in the cost collected from the participants :Rs. \_\_\_\_\_

Recommendations of the HoD It is useful to the faculty members.

Signature of the HoD 

Recommendations of the Vice Principal -Academics

Signature of the Vice Principal -Academics

Submitted to the principal for consideration 

Recommendations of the Principal

Principal Signature 

## About GEC

Gudlavalleru Engineering College is the vision of late Sri Vallurupalli Venkata Rama Seshadri Rao, the man behind the college. It was started in the year 1998 by the AANM & VVRSR Educational Society with an intake of 180 students, 40 each in EEE, ECE and CSE branches and 60 in ME branch. Current intake of CE, EEE, ME, ECE, CSE and IT branches are 120, 120, 180, 240, 240 and 120 respectively. The college is situated at Gudlavalleru village and is surrounded by lush green fields providing serene learning environment. Gudlavalleru is 12 Km from Gudivada, 22 Km from Machilipatnam and 58 Km from Vijayawada. The nearest airport is Gannavaram (Vijayawada) 45 Km. It also offers PG programs in M.Tech, and MBA. The college is an Autonomous Institute Affiliated to JNTUK, Kakinada and approved by AICTE. The institution is continuously striving for excellence by adopting changes to improve the systems, practices and performance.

## About the Departments

The Department of Computer Science and Engineering is one of the pioneer departments of GEC with an intake of 240 in UG. The Department of Information Technology is established in the year 1999 and the present intake of the department is 120 in UG. The Department was accredited by NBA and under Tier-I in the year 2019. The students of the departments are being selected through campus recruitment in reputed IT companies. Besides the teaching learning process, both the departments regularly conducts workshops, guest lectures, group discussions and refresher courses to enhance the skills of students and teaching community. The departments are continuously striving to impart quality education and competitive spirit to students for academic excellence. The continual University ranks, high GATE scores and placement of students in various software organizations in and around the country reflect the performance of the departments.

## Resource Person

Mr T. Ram Kumar, Senior Lead (Blockchain Technology), Innovation Labs, Hyderabad.

## Chief Patrons

Dr. Nageswara Rao Vallurupalli, Chairman  
Sri Srinivasa Rao Musunuri, Co-Chairman  
Er. Satyanarayana Rao Vallurupalli  
Secretary & Correspondent  
Sri Ramakrishana Vallurupalli  
Co-Secretary & Correspondent

## Patron

Dr. P.Ravindra Babu, Principal

## Co-Patrons

Dr. G.V.S.N.R.V. Prasad, Vice Principal, Academics  
Dr. B. Karuna Kumar, Vice Principal, Administration

## Advisor

Dr.P.Nageswara Reddy, Director (AS&A)

## Conveners

Dr. S. Narayana, Professor & HoD, CSE.  
Dr. Ch. Kavitha, Professor & HoD, IT

## Coordinators

Mr. J.N.V.R. Swarup Kumar,  
Assistant Professor of CSE  
Mobile: +91 9246780009  
Mr. M. Naga Raju  
Assistant Professor of IT  
Mobile: +91 9912168855

## Important Dates

Last Date for Registration :07-06-2020  
Confirmation through E-Mail :08-06-2020  
Dates of Event: 9<sup>th</sup> - 13<sup>th</sup> June 2020

## Registration link

<https://bit.ly/3gBdH57>

**No Registration Fee**



## Five Day Online Faculty Development Program

on

## Blockchain Technologies

9<sup>th</sup> - 13<sup>th</sup> June 2020

Organized  
by

Departments of  
Computer Science and Engineering  
& Information Technology  
In association with CSI

**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute Permanently Affiliated to JNTUK, Kakinada)

Sri Seshadri Rao Knowledge Village, Gudlavalleru

Krishna Dt. PIN: 521356, AP.

Phone: 08674-273737, 273888

Fax: 08674-273957

email: [csegec@gmail.com](mailto:csegec@gmail.com), [gecdept@gmail.com](mailto:gecdept@gmail.com)

Website: [www.gecgudlavalleu.ac.in](http://www.gecgudlavalleu.ac.in)

**Five Day Online Faculty Development Program on  
Blockchain Technologies**

9<sup>th</sup> - 13<sup>th</sup> June 2020

**Registration Link:** <https://bit.ly/3gBdH57> (The numbers of participants is limited to 250)

**Requirements:** Install Microsoft Teams App in your Mobile/Laptop. FDP session will be conducted through Microsoft Teams App only.

**Note:** E-Certificate will be provided to all the participants on successful completion of FDP.

**Program Schedule**

<b>Date &amp; Day</b>	<b>Resource Person</b>	<b>TIMINGS</b>	<b>TOPIC</b>
<b>09.06.2020 (TUESDAY)</b>	<b>Mr T. Ram kumar Senior Lead (Blockchain Technology), Innovation Labs, Hyderabad</b>	<b>10.00 AM - 10.15 AM</b>	<b>INAUGURATION</b>
		<b>10:16 AM – 12:00 PM</b>	Introduction to Blockchain, Key Vocabulary of Blockchain, Distinction between Database and Blockchain, Distributed Ledger, Structure of a block, How Blockchain ecosystem works.
<b>10:00 AM – 11:30 AM</b>		Cryptography Concepts related to Blockchain, Types of Blockchain, Generations of Blockchain, Example Blockchain Applications, Blockchain Technology in scientific applications	
<b>10:00 AM – 11:30 AM</b>		Bitcoin and Blockchain: Creation of coins, Payments and double spending, Bitcoin Scripts, Bitcoin P2P Network, Transaction in Bitcoin Network, Block Mining, Block propagation and block relay.	
<b>10:00 AM – 11:30 AM</b>		Distributed consensus in open environments, Consensus in a Bitcoin network, Proof of Work (PoW) – basic introduction, Hashcash PoW, Bitcoin PoW, Attacks on PoW and the monopoly problem, Proof of Stake, Proof of Burn and Proof of Elapsed Time, The life of a Bitcoin Miner, Mining Difficulty, Mining Pool.	
<b>10:00 AM – 11:30 AM</b>		Hyperledger Fabric- Architecture, Identities and Policies, Membership and Access Control, Channels, Transaction Validation, Writing smart contract using Hyperledger Fabric, Writing smart contract using Ethereum,	
<b>13.05.2020 (SATURDAY)</b>			<b>VALEDICTORY</b>

**Outcomes:** After completion of FDP, The participants are able to:

- Explain the basic concepts of Blockchain technology.
- Discuss various tools in Blockchain.
- Design Blockchain based Cryptosystems.

17.5.1

Responder Name	Group Name	Day-1 FDP	Server Receipt Timestamp (UTC)
Sunitha Aji	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:06
Geethanjali	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:06
Lalitha Bhavani Bikkina	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:06
Dr. T. R. Srinivas	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:06
Battula Kalyan	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:07
MM	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:07
krishna veni	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:07
POKURI DEEPIKA	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:07
sai durga	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:07
SUNIL KUMAR	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:07
Vijaya Kumar	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:07
Satya Sai	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:07
Nagarajan B	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:08
Megha Seth	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:08
Suneetha Rani	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:08
Valampuranayaki	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:08
Sandeep	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:08
Gouri	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:08
Suyash agrawal	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:08
Sukanya katikala	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:08
H Kanakadurga 3	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:09
Rajeswari	GECCSEIT-BCT-FDP	Attended	2020-06-09 14:58:56 PM
Ajay Kumar Bollepalli	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:13
Ushrivas Veena	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:13
Vydehi	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:13
Venkatesh	GECCSEIT-BCT-FDP	Attended	6/9/2020 12:30
M Chandan Chakravarthy	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:14
Badugu Ranjith Kumar	GECCSEIT-BCT-FDP	Attended	2020-06-09 13:13:34 PM
LOGESH .K	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:14
Swathi	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:06
MADHURAM N	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:14
Anjani Yalamanchili	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:15
T. Usha Rani	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:25
sai srinivas vellela	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:15
Dr. Ramachandra Rao Kurac	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:19
Ravishankar	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:19
KRISHNA RUPENDRA SINGH	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:19
V Divya Raj	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:20
Naresh Vurukonda	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:20
ravindraavula	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:22
Janaswamy.Hymavathi	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:22
Kanagaraj Govindasamy	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:26
Sudha	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:26
A.sunitha	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:27
K.Jyothsna Latha	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:27
Bhaskar Kantapalli	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:29
J karthik	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:28
Chandu..	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:30
G Umamahesh	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:31

D Maha	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:31
Ragavamsi Davuluri	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:31
Faizan Mahmood	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:32
Jesu Babu	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:34
MALLA UMA	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:33
Sowjanya Palavanchu	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:39
N.MEGHASHREE	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:40
Sivanag MANNEM	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:43
V	GECCSEIT-BCT-FDP	Attended	6/9/2020 6:57

# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTU(K, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru

From  
The HoD  
Department of CSE  
Gudlavalleru Engineering College,  
GUDLAVALLERU

To  
The Principal  
Gudlavalleru Engineering College,  
GUDLAVALLERU

## UTILIZATION CERTIFICATE

Ref Letter No : BCT/CSE/FDP/2019-20  
Dated : 5/6/2020  
Name of the event : Five Day online faculty development Program  
No. of Days : 5 on "Blockchain Technologies"  
Duration : 9-6-20 to 13-6-20  
No. of Participants participated : Internal 70 External 300  
Actual Expenditure:

Sl. No		Requested (As per Request letter)	Spent(Actual expenditure)
a	Honorarium per person/ day/ per hour		
b	Hospitality for Resource persons		<u>9,000/-</u>
c	TA		-
d	Banners		-
e	Certificates		-
f	Lunch / Dinner for Participants		-
g	Snacks for Participants		-
h	Scribling pad and pen etc		-
i	Guest Memento		-
j	Miscellaneous if any		-
Total.		Rs.	<u>9,000/-</u>

Amount paid to the associative organization :

Rs. 9,000/-

Total Expenditure (A+B) :

Rs. \_\_\_\_\_

Amount sponsored by others if any  
(CSI/ISTE/IETE/IEEE/Students Association etc.) :

Rs. 1000

Amount Collected from participants : No. — @ Rs. — / head

Rs. \_\_\_\_\_

Advance Amount drawn from the Office :

Rs. —

Amount due from the college/ to be returned to the college:  
(A+B) - (C+D+E) / (C+D+E) - (A+B)

Rs. 8,000/-

(B)

(C)

(D)

(E)

Feedback Taken :  Yes  No

Participants' Opinion \_\_\_\_\_

Remarks of the Organizer/ Coordinator : It is usebul to faculty/Research members.

Signature : *[Signature]*

Remarks of the HoD : It is helpful to ~~students~~ faculty and research scholars.

Signature \_\_\_\_\_

Remarks of the Vice Principal -Academics

Submitted to the principal for consideration

Signature \_\_\_\_\_

I J.N.V.R. SWARUP KUMAR Coordinator of the program has returned/received the balance amount of Rs. 8,000 (in words eight thousand rupees only) From/To The Principal's office.

*[Signature]*  
Receivers signature

*[Signature]*  
Principal

Enclosed: Proposal submitted

SBI - BDLV

AC No: 11588415095

AC Name: J.N.V.R.S. KUMAR



# Gudlavalleru Engineering College

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, GUDLAVALLERU – 521 356, Krishna District, A.P., India  
(Approved by AICTE, New Delhi and Permitted by AP State Government)  
Accredited by NAAC with 'A' Grade



## E-Certificate of Participation

This is to certify that Ms/Mr/Dr. DUNNA SHRAVANI  
from KAKINADA INSTITUTE OF ENGINEERING AND TECHNOLOGY  
has actively participated in Five Day online Faculty Development Program on  
"Blockchain Technologies" organized by Departments of Computer Science  
and Engineering & Information Technology in association with CSI,  
Gudlavalleru Engineering College from 9<sup>th</sup> – 13<sup>th</sup> June, 2020.

*Ch. Kavitha*

Convener & HoD - IT  
Dr. Ch. Kavitha

*Dr. S. Narayana*

Convener & HoD - CSE  
Dr. S. Narayana

*Dr. P. Ravindra Babu*

Principal  
Dr. P. Ravindra Babu



# Gudlavalleru Engineering College

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(Approved by AICTE, New Delhi and Permitted by AP State Government)  
Accredited by NAAC with 'A' Grade



## *E-Certificate of Participation*

This is to certify that Ms/Mr/Dr. APPARNA ALLADA  
from Gudlavalleru Engineering College

has actively participated in Five Day online Faculty Development Program on  
“Blockchain Technologies” organized by Departments of Computer Science  
and Engineering & Information Technology in association with CSI,  
Gudlavalleru Engineering College from 9<sup>th</sup> – 13<sup>th</sup> June, 2020.

*Ch. Kavitha*

Convener & HoD - IT  
Dr. Ch. Kavitha

*S. Narayana*

Convener & HoD - CSE  
Dr. S. Narayana

*P. Ravindra Babu*

Principal  
Dr. P. Ravindra Babu



# Gudlavalleru Engineering College

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(Approved by AICTE, New Delhi and Permitted by AP State Government)  
Accredited by NAAC with 'A' Grade



## *E-Certificate of Participation*

This is to certify that Ms/Mr/Dr. Aishwarya Amirdharaj  
from Bharathidasan University

has actively participated in Five Day online Faculty Development Program on  
“Blockchain Technologies” organized by Departments of Computer Science  
and Engineering & Information Technology in association with CSI,  
Gudlavalleru Engineering College from 9<sup>th</sup> – 13<sup>th</sup> June, 2020.

*Ch. Kavitha*

Convener & HoD - IT  
Dr. Ch. Kavitha

*S. Narayana*

Convener & HoD - CSE  
Dr. S. Narayana

*P. Ravindra Babu*

Principal  
Dr. P. Ravindra Babu

## Resource Persons

**Mrs. Hima Bindu Vejella**

Co Founder - CyberPsy,  
Sr. Engineering Manager - OpenText



Author, Speaker, Security Evangelist with 17+ years of experience in the IT industry leading EnCase Forensics, eDiscovery and Security. She is the Co-Founder of CyberPsy. She was recognized as Lady Legend in the year 2018 & received International Microsoft MVP award 8 times in a row. She also holds Guinness book of world record for Windows 8 app fest hackathon.

**Mr. V. Vamshi Srinivas**

Founder - CyberPsy,  
CEO - Triculin Technologies



He is an Entrepreneur with 20+ years of experience in the entrepreneurship. He is the founding member for CyberPsy and is also a transformational visionary leader & IT advisor. He mentored many professionals in lifting their careers. He is a certified autopsy investigator and a brand ambassador for Devops institute.

## About GEC

Gudlavalluru Engineering College is the vision of late Sri Vallurupalli Venkata Rama Seshadri Rao, the man behind the college. It was started in the year 1998 by the AANM & VVRSR Educational Society with an intake of 180 students, 40 each in EEE, ECE and CSE branches and 60 in ME branch. Current intake of CE, EEE, ME, ECE, CSE and IT branches are 120, 120, 180, 240, 240 and 180 respectively. The college is situated at Gudlavalluru village and is surrounded by lush green fields providing serene learning environment. Gudlavalluru is 12 Km from Gudivada, 22 Km from Machilipatnam and 58 Km from Vijayawada. The nearest airport is Gannavaram (Vijayawada) 45 Km. It also offers PG programs in M.Tech, and MBA. The college is an Autonomous Institute Affiliated to JNTUK, Kakinada and approved by AICTE. The institution is continuously striving for excellence by adopting changes to improve the systems, practices and performance.

## About the Departments

Department of Computer Science and Engineering is one of the pioneer departments of GEC with a current intake of 240 in UG and 12 in PG. It also offers B.Tech in Artificial Intelligence and Data Science, one of the emerging areas, from the year 2020 with an initial intake of 60. CSE department is recognized as a Research Center under JNTUK, Kakinada. Department of Information Technology is established in the year 1999 and the present intake of the department in UG is 180. IT Department was accredited by NBA under Tier-I in the year 2019. Besides the teaching learning process, both the departments regularly conducts workshops, hackathons, guest lectures, group discussions and refresher courses in order to enhance the skills of students and teaching community. The departments are continuously striving hard to impart quality education and induce competitive spirit among students for academic excellence.

## About the Programme

This workshop is intended to provide deep dive on cyber security terminologies and concepts. It addresses about the career opportunities in the area of cyber security.

### Topics to be covered:

- All About Cyber-Security
- Types of Security & demands
- Career Opportunities
- Why Cyber Security & Market needs
- Cyber-Security Courses & Certifications

### Chief Patrons

**Dr. Nageswara Rao Vallurupalli**, Chairman

**Sri. Srinivasa Rao Musunuri**, Co-Chairman

**Er. Satyanarayana Rao Vallurupalli**

Secretary & Correspondent

**Sri. Ramakrishana Vallurupalli**

Co-Secretary & Correspondent

### Patron

**Dr. P. Ravindra Babu**, Principal

### Co-Patrons

**Dr. G.V.S.N.R.V. Prasad**, Vice-Principal, Academics

**Dr. B. Karuna Kumar**, Vice-Principal, Administration

### Advisor

**Dr. P. Nageswara Reddy**, Director (AS&A)

### Conveners

**Dr. S. Narayana**, Professor & HoD, CSE

**Dr. Ch. Kavitha**, Professor & HoD, IT

### Coordinators

**Mr. J.N.V.R. Swarup Kumar**, 9246780009

**Ms. S. Vineela Krishna**, 7799564191

**Mr. M. Nagaraju**, 9912168855

### Important Dates

Last Date for Registration : 18-07-2020

Confirmation through E-Mail : 20-07-2020

Dates of Event : 22<sup>nd</sup> - 26<sup>th</sup> July 2020

### Timings:

Session 1 : 2:00 PM - 3:00 PM

Session 2 : 3:00 PM - 4:00 PM

### Registration link:

<https://tinyurl.com/csegecitcsfdp>

No Registration Fee



# A National Level Online Faculty Development Program on "CYBER SECURITY"

(22<sup>nd</sup> - 26<sup>th</sup> July, 2020)

Organized

by

Departments of  
Computer Science and Engineering &  
Information Technology

In association with



CYBERPSY

**GUDLAVALLERU ENGINEERING COLLEGE**

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalluru - 521 356, Krishna District, A.P., India

Phone: 08674-273737, 273888 Fax: 08674-273957

email: csegec@gmail.com, gecitdept@gmail.com

Website: [www.gecgudlavalluru.ac.in](http://www.gecgudlavalluru.ac.in)

## PROFILE

**Hima Bindu Vejella-** co-Founder Cyberpsy, Sr. Engineering Manager OpenText

Author, Speaker, Security Evangelist with 17+ years of experience in the IT industry leading EnCase Forensics, eDiscovery & Security . She is Core Member for Cyberpsy (<https://www.linkedin.com/company/cyberpsy/>). She Motivated many professionals @ various global events on Security, Privacy, Forensics and Cyber Security from virtual to real. She was recognized as Lady Legend in the year 2018, International Microsoft MVP Awardee for her voluntary exceptional community contributions in technology 8 times in a row. She won hackathons organized by NASSCOM & HYSEA in 2018.

She is Global speaker at technical events WomenTechGlobal Conference, Cyberjutsucon, WHackzcon, CyberSecurityCarrerConforence, DevOpsIndiaSummit, StartupImpact Summit, MVP Summit, Tech-ED, Microsoft Innovation Summit, Virtual Tech Days & Community Tech Days both in person and virtual. She has been a Core member of Data Security Council of India (DSCI), Author at PC Quest, Simple-Talk. She holds Guinness book of world record for Windows 8 app fest hackathon. She is a Volunteer in Girls in Tech, Cyberpsy, mentor at executive women's forum, DevOps ambassador for DevOps institute. Hima is passionate about giving back to the community and Women in Computing. She was Co-Founder for WiCSP (Women in Cyber Security and Privacy). Follow her on twitter @Forensichima

Her LinkedProfile : <https://www.linkedin.com/in/himaveeramachanenni/>

# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with permanent affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, GUDLAVALLERU

Department of Information Technology

## Attendance Sheet

Date: 23-07-2020

Responder Name	Registered e-mail Id	Full name of thre participant	ResponseTime (UTC)
Manjunath G	manjunath.manju.6441@gmail.com	MANJUNATH G	2020-07-23 10:05:12 AM
M N SATISH KUMAR	maganti.nagasatishkumar@gmail.com	M N SATISH KUMAR	2020-07-23 10:02:21 AM
Hari Priyanka	priyapatnaik.hari@gmail.com	J S V S Hari Priyanka	2020-07-23 10:02:31 AM
Dr. T. R. Srinivas	csehod@aarm.ac.in	Dr. T. R. SRINIVAS	2020-07-23 10:02:35 AM
Melam Nagaraju	melam.nagaraju5810@gmail.com	MELAM NAGARAJU	2020-07-23 10:02:36 AM
Yaswanth Kumar Alapati	alapatimail@gmail.com	YASWANTH KUMAR ALAPATI	2020-07-23 10:02:50 AM
Srujan Manohar Alamanda	manoharmammu@gmail.com	Srujan Manohar Alamanda	2020-07-23 10:02:56 AM
Priyanka	priyanka.donepudi@gmail.com	Donepudi Priyanka	2020-07-23 10:03:00 AM
K Mythri Sridevi	mythri.sridevi@gmail.com	K Mythri Sridevi	2020-07-23 10:03:01 AM
Nagamani	nagamani.vadlamani@gmail.com	Venkata Nagamani Vadlamani	2020-07-23 10:03:05 AM
Anjani Yalamanchili	anjaniyalamanchili@gmail.com	Anjani Yalamanchili	2020-07-23 10:03:06 AM
Sandeep Kumar	sandeep.m@vishnu.edu.in	SANDEEP KUMAR MUDE	2020-07-23 10:03:12 AM
Subhashini Tata	subhashinitata19@gmail.com	Subhashini Tata	2020-07-23 10:03:17 AM
Challa Sundeep Babu	sundeepchalla789@gmail.com	Mr CHALLA SUNDEEP BABU	2020-07-23 10:03:18 AM
Parameswar	mparameswar@gmail.com	M.Parameswar	2020-07-23 10:04:09 AM
CH.Venkateswara Rao	venky.chilamkurthi@gmail.com	CH.Venkateswara Rao	2020-07-23 10:02:36 AM
Chenchu Rajaiah	rajuchenchu@yahoo.com	Chenchu Rajaiah	2020-07-23 10:03:08 AM
S.PALPANDI	sppecerdeee@gmail.com	S.PALPANDI	2020-07-23 10:03:08 AM
Vennela avula	vennela.avula08@gmail.com	AVULA VENNELA	2020-07-23 10:03:09 AM
KAUSHIK DEVARAPALLI	kaushikdevarapalli@gmail.com	KAUSHIK DEVARAPALLI	2020-07-23 10:03:34 AM
Navya	navya.vk@mvjce.edu.in	Navya v k	2020-07-23 10:04:01 AM
SHAIK WASIM AKRAM	shaikwasimakram585@gmail.com	SHAIK WASIM AKRAM	2020-07-23 10:04:08 AM
N.Desai	desaij4@gmail.com	N.DESAI	2020-07-23 10:04:11 AM
SUGUNA.S	suguna@mvjce.edu.in	SUGUNA.S	2020-07-23 10:04:16 AM

Responder Name	Registered e-mail Id	Full name of thre participant	ResponseTime (UTC)
Rajeswari	battula.rajeswari@gmail.com	Raja Rajeswari Battula	2020-07-23 10:04:38 AM
Dheeraj Tripathi	tripathidheeraj722@gmail.com	Dheeraj Tripathi	2020-07-23 10:04:39 AM
Devaki Kuthadi	devaki_it@mvsrec.edu.in	Devaki Kuthadi	2020-07-23 10:04:57 AM
SANJEEVAIAH KURAGANTI	sanjeev.kuraganti@gmail.com	Sanjeevaiah Kuraganti	2020-07-23 10:05:26 AM
Sai Sudheer	saisudheer1978@gmail.com	Mr. SAI SUDHEER KOTTA	2020-07-23 10:05:33 AM
Suseela	suseela.syamala@gmail.com	D. Suseela	2020-07-23 10:06:00 AM
Bharathi	gbharthi@gmail.com	Bharathi Garimella	2020-07-23 10:40:07 AM
A. V. LAKSHMI PRASUNA	avlakshmiprasuna_it@mgit.ac.in	A. V. LAKSHMI PRASUNA	2020-07-23 10:02:38 AM
BETHAPUDI HARITHA	haritha.feb11@gmail.com	BETHAPUDI HARITHA	2020-07-23 10:02:41 AM
Loya Lakshmi Praneetha	l.l.pranitha64@gmail.com	Loya Lakshmi Praneetha	2020-07-23 10:02:53 AM
Pavan Varma Kothapalli	kdvpkvarma@gmail.com	Kothapalli Durga Venkata Pavan Kumar Varma	2020-07-23 10:02:54 AM
K Ratna Kumari	kratnacse@svecw.edu.in	K Ratna kumari	2020-07-23 10:03:06 AM
D. Rahul Khanna	rahulkhanna556@gmail.com	Dahey Rahul Khanna	2020-07-23 10:03:15 AM
Madhu Raghu Veer	raghuv.madhu@gmail.com	MADHU RAGHU VEER	2020-07-23 10:03:37 AM
Subramanyam	subramanyamkuniseti@gmail.com	SUBRAMANYAM KUNISETTI	2020-07-23 10:03:37 AM
Arun Sampaul Thomas G	arunsam.infotech@gmail.com	Dr.G.Arun Sampaul Thomas	2020-07-23 10:03:44 AM
GOWTHAMI.KONDAM	gowthami2130@gmail.com	GOWTHAMI.KONDAM	2020-07-23 10:03:30 AM
Benila Azhagu	benila.christabel88@gmail.com	Mrs. T. Benila Christabel	2020-07-23 10:04:29 AM
S.Riyaz Banu	riyazbanu@ksrmce.ac.in	S.RIYAZBANU	2020-07-23 10:04:35 AM
Babu	erbabu.21@gmail.com	BABU S	2020-07-23 10:04:39 AM
Sudha Kishore R	sdhkishore@gmail.com	Sudha Kishore Rekha	2020-07-23 10:04:41 AM
krishna veni	veni.garlapati@gmail.com	KRISHNAVENI GARLAPATI	2020-07-23 10:03:31 AM
Ravindra Bharathi Budithi	ravindrabharathi.g@vishnu.edu.in	Ravindra Bharathi Budithi	2020-07-23 10:04:51 AM
NAGAKALYAN P	nagakalyanjkc@gmail.com	NAGAKALYAN P	2020-07-23 10:05:21 AM
K VIKAS	k.vikas1232@gmail.com	K Vikas	2020-07-23 10:05:22 AM
Anand Kumar	banand.cool@gmail.com	Buddarapu Anand Kumar	2020-07-23 10:05:46 AM
K Bhargavi	bhargavikanuri9@gmail.com	Kanuri Bhargavi	2020-07-23 10:05:53 AM
Dr. Narni Siva Chintaiah	shiva.gecmca@gmail.com	Dr. N. Siva Chintaiah	2020-07-23 10:06:06 AM
Mona devi	monakhokhar123@gmail.com	Mona Devi	2020-07-23 10:05:57 AM

Responder Name	Registered e-mail Id	Full name of thre participant	ResponseTime (UTC)
G SHANKARARAO	rsg53099@gmail.com	G SHANKARARAO	2020-07-23 10:06:36 AM
Nisha Chauhan	Nisha14nandini@gmail.com	Nisha chauhan	2020-07-23 10:06:50 AM
Aruna Smiley	Arunamellam@gmail.com	Mellam Aruna	2020-07-23 10:06:57 AM
K VENKATA RAMANA	venkataramana_k@vnrvjiet.in	K VENKATA RAMANA	2020-07-23 10:07:12 AM
Dr.T.Srinivasarao	srinivas123fast@gmail.com	Dr.Tumma Srinivasarao	2020-07-23 10:07:18 AM
Sunitha Aji	sunithaajistenin@gmail.com	Mrs SUNITHA S	2020-07-23 10:07:23 AM
K Naga Maha Lakshmi	nmlakshmi.k@gmail.com	K Naga Maha Lakshmi	2020-07-23 10:08:22 AM
T MADHAVI	Madhavi.v@svecw.edu.in	T MADHAVI	2020-07-23 10:06:05 AM
Yashaswini J	yashuj.krn@gmail.com	Yashaswini J	2020-07-23 10:06:10 AM
Dr. SHAIK KHAJA MOHIDDIN	Mail2mohiddin@gmail.com	Dr. SHAIK KHAJA MOHIDDIN	2020-07-23 10:07:32 AM
Balu	balukadaru2@gmail.com	BALA BRAHMESWARA KADARU	2020-07-23 10:08:28 AM
K Hari Krishna	krishnavarma.kalidindi@gmail.com.	HARI KRISHNA KALIDINDI	2020-07-23 10:08:47 AM
Anusha Kasturi	anusha.medisetty@gmail.com	MEDISETTY BABY ANUSHA	2020-07-23 10:08:46 AM
POTHURAJU RAJU	rajupcse@svecw.edu.in	POTHURAJU RAJU	2020-07-23 10:10:07 AM
Dr.Shivani Manchanda	manchandadrshivani@gmail.com	Dr.Shivani Manchanda	2020-07-23 10:10:41 AM
V S R K RAJU DANDU	vsrkaju.dandu@srkrec.edu.in	V S R K RAJU DANDU	2020-07-23 10:13:10 AM
Shauk Reehana	skreehana.15@gmail.com	SHAIK REEHANA	2020-07-23 10:13:16 AM
Dr. Dyuti Banerjee	dyuti738900@gmail.com	Dr. Dyuti Banerjee	2020-07-23 10:16:56 AM
Soma Umamaheshwar	umamaheshwarsoma@rediffmail.com	UMAMAHESHWAR SOMA	2020-07-23 10:17:32 AM
TANMAY KUMAR DALAI	itanmaydalai@gmail.com	TANMAY KUMAR DALAI	2020-07-23 10:18:06 AM
Parul V.Bakaraniya	parulbakaraniya.comp@svitvasad.ac.in	Parul V. Bakaraniya	2020-07-23 10:21:29 AM
Keerthi Guttikonda	keerthi.guttikonda@gmail.com	Keerthi Guttikonda	2020-07-23 10:06:50 AM
Sabbineni Venkateswara Rao	sabbineniv@gmail.com	Sabbineni Venkateswara Rao	2020-07-23 10:06:55 AM
Dr Shaikh Mohammad Rafi	mdrafi.527@gmail.com	Dr Shaik Mohammad Rafi	2020-07-23 10:07:30 AM
Abhinandan Banik	abanik@gitam.edu	Abhinandan Banik	2020-07-23 10:09:01 AM
SIVASAKTHI S	sivasakthi@gvncollege.edu.in	SIVASAKTHI S	2020-07-23 10:10:24 AM
ANITHA MERUGA	anithameruga.it@gmail.com	ANITHA MERUGA	2020-07-23 10:11:27 AM
Mr. M K V SUBBAREDDY	kvsubbareddy.m@vishnu.edu.in	Mr. M K V SUBBAREDDY	2020-07-23 10:17:20 AM
M Divya Sumithra	sumithra530@gmail.com	Madiri Divya sumithra	2020-07-23 10:12:52 AM

Responder Name	Registered e-mail Id	Full name of thre participant	ResponseTime (UTC)
venkateswara rao Kodali	vrao1316@gmail.com	KODALI VENKATESWARA RAO	2020-07-23 10:16:27 AM
DILEEP KUMAR KADALI	dileepkumarkadali@gmail.com	DILEEP KUMAR KADALI	2020-07-23 10:17:04 AM
Aparna Allada	alladaaparna9@gmail.com	APPARNA ALLADA	2020-07-23 10:20:33 AM
RAMESH KUMAR BANKAPALLI	ramesh.bankapalli@gmail.com	RAMESH KUMAR BANKAPALLI	2020-07-23 10:18:33 AM
KALIDINDI SAI SRAVANI	Kalidindi.saisravani@gmail.com	KALIDINDI SAI SRAVANI	2020-07-23 10:21:52 AM
Kranthi Kumar	kk97976@gmail.com	KONDURU KRANTHI KUMAR	2020-07-23 10:22:11 AM
Alekya	alekya.it@anits.edu.in	Alekya Vale	2020-07-23 10:08:25 AM
pratap Kittu	pratapv9@gmail.com	V KRISHNA PRATAP	2020-07-23 10:08:30 AM
Chigurupati Ravi Swaroop	raviswaroop.chigurupati@gmail.com	Chigurupati Ravi Swaroop	2020-07-23 10:08:51 AM
tessy rose	tessyrose@mvjce.edu.in	Tessy Rose R	2020-07-23 10:09:27 AM
K Ashok Kumar	ashok123kmr@gmail.com	K ASHOK KUMAR	2020-07-23 10:10:36 AM
Konathm	konathm22@gmail.com	K V VENKATESWARARAO	2020-07-23 10:11:00 AM
Dr Shaheda Akthar	shahedaakthar76@gmail.com	Dr shaheda Akthar	2020-07-23 10:12:36 AM
Aswini Raja	ashwi.raja55@gmail.com	Aswini.R	2020-07-23 10:12:32 AM
K TEJO KIRAN	ktejokiran@rguktong.ac.in	TEJO KIRAN KAIKALA	2020-07-23 10:14:08 AM
Eemani V R J Sastry	sastry.e@vishnu.edu.in	EEMANI V R J SASTRY	2020-07-23 10:15:06 AM
rama krishna	rkboni143@gmail.com	RAMA KRISHNA BONI	2020-07-23 10:16:40 AM
Suneel Kumar	suneel3834@gmail.com	SOYAM SUNEEL KUMAR	2020-07-23 10:17:56 AM
Mahalakshmi Bollimuntha	mahalakshmibollimuntha@gmail.com	Mrs.MahaLakshmi Bollimuntha	2020-07-23 10:19:28 AM
Himanshu Sekhar Acharya	himanshu_acharya@rediffmail.com	Himanshu Sekhar Acharya	2020-07-23 10:19:58 AM
Medha Malik	medha.malik@abes.ac.in	Medha Malik	2020-07-23 10:20:06 AM
Kiran Lanka	kiran6639@gmail.com	KIRAN KUMAR LANKA	2020-07-23 10:27:47 AM
suma challapalli	sumach519@gmail.com	Suma Challapalli	2020-07-23 10:13:00 AM
NALLAGANTI GANESH	ganeshvmtw@gmail.com	NALLAGANTI GANESH	2020-07-23 10:24:17 AM
Kasi viswanadham	ykvnath@gmail.com	Kasiviswanadham Y	2020-07-23 10:26:05 AM
B.Madhu Kiran	madhukiran1.eee@gmail.com	Dr. B. MADHU KIRAN	2020-07-23 10:26:28 AM
Srividhya	srivi@svce.ac.in	K.Srividhya	2020-07-23 10:28:57 AM
Harishankar	haririder.shankar6@gmail.com	Harishankar	2020-07-23 10:29:07 AM
Dilip	Dilipitnew@gmail.com	Mikkili DILEEP KUMAR	2020-07-23 10:29:51 AM

**GUDLAVALLERU ENGINEERING COLLEGE**  
Seshadri Rao Knowledge Village, GUDLAVALLERU

From  
The HoD  
Department of Information Technology  
Gudlalleru Engineering College,  
GUDLAVALLERU

To  
The Principal  
Gudlalleru Engineering College,  
GUDLAVALLERU

**UTILIZATION CERTIFICATE**

Ref Letter No : GIEC/IT/FDP/2020-21/2  
Dated : 20/7/2020  
Name of the event : A national level online FDP on cyber security.  
No. of Days : 5  
Duration : 22/7/2020 to 26/07/2020  
No. of Participants participated : Internal 108 External 479

Actual Expenditure:

Sl. No		Requested (As per Request letter)	Spent(Actual expenditure)
a	Honorarium per person/ day/ per hour	20,000/-	20,000/-
b	Hospitality for Resource persons		
c	TA		
d	Banners		
e	Certificates		
f	Lunch / Dinner for Participants		
g	Snacks for Participants		
h	Scribling pad and pen etc		
i	Guest Memento		
j	Miscellaneous if any		
Total.		Rs.	20,000/-

Amount paid to the associative organization :

Rs. —

Total Expenditure (A+B) :

Rs. 20,000/-

Amount sponsored by others if any  
(CSI/ISTE/IETE/IEEE/Students Association etc.) :

Rs. —

Amount Collected from participants : No \_\_\_\_\_ @ Rs. \_\_\_\_\_ / head

Rs. —

Advance Amount drawn from the Office :

Rs. 20,000/-

Amount due from the college/ to be returned to the college:  
(A+B) - (C+D+E) / (C+D+E) - (A+B)

Rs. —

(B)  
(C)  
(D)  
(E)

Feedback Taken : Yes/No Yes

Participants Opinion : very much satisfied for Learning the various Cor of Cyber securi

Remarks of the Organizer/ Coordinator : Program completed with good Feedback from the participants.  
Signature : M. Naga Raju

Remarks of the HoD : Submitted to the principal through vice-principal for consideration  
Signature : [Signature]  
29/7/2020

Remarks of the Vice Principal-Academics : Submitted to the principal for consideration  
Signature : [Signature]

I M. Naga Raju Coordinator of the program has returned/received the balance amount of Rs. 20,000/- (in words Twenty Thousand) From/To The Principal's office.

M. Naga Raju  
Receiver's signature

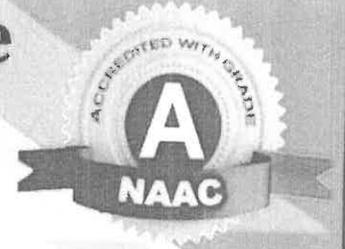
[Signature]  
Principal

Enclosed: Proposal submitted



# Gudlavalluru Engineering College

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalluru-521356



CYBERPSY

## *E-Certificate of Participation*

This is to certify that Ms/Mr/Dr. Dr.M.V.L.N.Raja Rao

from Gudlavalluru Engineering College

has actively participated in a National Level online Faculty Development Program on "Cyber Security" organized by Departments of Computer Science and Engineering & Information Technology in association with CyberPsy, Gudlavalluru Engineering College, Gudlavalluru from 22<sup>nd</sup> - 26<sup>th</sup> July, 2020.

  
Dr. Ch. Kavitha,  
HoD, IT Department

  
Dr. S. Narayana,  
HoD, CSE Department

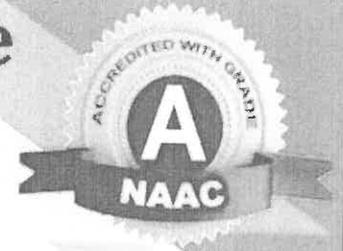
  
Mr. V. Vamshi Srinivas,  
Founder, CyberPsy

  
Dr. P. Ravindra Babu,  
Principal



# Gudlavalluru Engineering College

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalluru-521356



CYBERPSY

## *E-Certificate of Participation*

This is to certify that Ms/Mr/Dr. Kasiviswanadham Y

from Gudlavalluru Engineering College

has actively participated in a National Level online Faculty Development Program on "Cyber Security" organized by Departments of Computer Science and Engineering & Information Technology in association with CyberPsy, Gudlavalluru Engineering College, Gudlavalluru from 22<sup>nd</sup> - 26<sup>th</sup> July, 2020.

*Ch. Kavitha*

Dr. Ch. Kavitha,  
HoD, IT Department

*Dr. S. Narayana*

Dr. S. Narayana,  
HoD, CSE Department

*Mr. V. Vamshi Srinivas*

Mr. V. Vamshi Srinivas,  
Founder, CyberPsy

*Dr. P. Ravindra Babu*

Dr. P. Ravindra Babu,  
Principal



# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru – 521356. Krishna Dist., A.P.  
Phone No.08674-273737, Extn.2036, Mobile: 9848779131



**ATAL SPONSERD  
A FIVE DAY NATIONAL LEVEL  
ONLINE  
FACULTY DEVELOPMENT PROGRAM  
ON  
“DATA SCIENCE”**

**Chief Patron:**

**Dr. Nageswara Rao Vallurupalli,**  
Chairman

**Sri Srinivasa Rao Musunuri,**  
Co-Chairman

**Er. Satyanarayana Rao Vallurupalli**  
Secretary & Correspondent

**Sri Ramakrishna Vallurupalli**  
Co-Secretary & Correspondent

**Patron:**

**Dr. G.V.S.N.R.V. Prasad,** principal

**Co-Patrons**

**Dr. M.R.Ch.Sastry,**  
Vice Principal-Academics

**Dr. P.Kodanda Rama Rao,**  
Vice Principal-Administration

**Advisors**

**Dr.P.Ravindra Babu**

Advisor to the Management

**Dr.B.Karuna Kumar**

Director-Academic Strengthening & Advancement

**Dr.P.Nageswara Reddy**

Director-PG studies, Consultancy & Testing and R&D

**Dr. M V L N Raja Rao**

Professor, IT

**Coordinator:**

**Dr. Ch.Kavitha,**

Professor & HoD, IT

Mobile: 9959592361

E-mail: gecitfdp@gmail.com

**Co-Coordiators:**

**Dr.Ch.Suresh Babu,**

Associate Professor, IT

**Mr. Y.K.Viswanadham,**

Associate Professor, IT.

**Organizing Committee:**

Dr.D.N.V.S.L.S.Indira, Associate Professor, IT

Mr.B.Srinivasu Kumar, Associate Professor, IT

Mr. M. Nagaraju, Assistant Professor, IT

Mrs T.Sumalika, Assistant Professor, IT

Mr.M.Dilip Kumar, Assistant Professor, IT

Mr.I.Lakshmi Narayana, Assistant Professor, IT

Mr.B.Shobhan Babu, Assistant Professor, IT

**The Head of the Department(s),  
Information Technology/Computer Science & Engineering**

**Sir/Madam,**

The Department of Information Technology is organizing an ATAL Sponsored A Five Day National Level Online Faculty Development Program on “**Data Science**” The program spreads over a period of five days, from 19-01-2021 to 23-01-2021, which is aimed at training the teaching faculty of IT/CSE Dept, in the area of **Data Science**, Which help them in updating their skills.

I will be happy if you could arrange for a wide circulation of the same and encourage your faculty to participate. The details of the program are available in the Brochure enclosed also the brochure can be downloaded from our website.

[www.gecgudlavalleru.ac.in](http://www.gecgudlavalleru.ac.in).

Thanking you.

**Dr.CH.KAVITHA**  
Head, IT Dept.

## REGISTRATION

- Free online registration for 200 participants on first cum first serve basis.
- Registration is through ATAL Portal.
- Participants registration link:  
<https://atalacademy.aicte-india.org/login>
- The program is open to Faculty members of AICTE approved Institutions, Research Scholars, PG students, persons working in industries and R&D organizations.

## Important Dates

- Last Date for Registration : 11-01-2021
- Dates of the FDP : 19<sup>th</sup> -23<sup>rd</sup> January 2021

## Note:

- A test shall be conducted by coordinators at the end of the program.
- The certificate shall be issued to those participants who have attended the program with 80% attendance and scored minimum 60% marks in the test.

## ORGANIZING COMMITTEE

### Chief Patrons

Dr. Nageswara Rao Vallurupalli,  
Chairman

Sri. Srinivasa Rao Musunuri,  
Co-Chairman

Er. Satyanarayana Rao Vallurupalli  
Secretary & Correspondent

Sri. Ramakrishana Vallurupalli  
Co-Secretary & Correspondent

### Advisors

Dr.P.Ravindra Babu

Advisor to the Management

Dr.B.Karuna Kumar

Director-Academic Strengthening & Advancement

Dr.P.Nageswara Reddy

Director-PG studies, Consultancy & Testing and R&D

### Patron

Dr. G.V.S.N.R.V. Prasad,  
Principal

### Co-Patrons

Dr. M.R.Ch.Sastry,  
Vice Principal-Academics

Dr. P.Kodanda Rama Rao,  
Vice Principal-Administration

### Coordinator

Dr. Ch. Kavitha,

Professor & Head,

Department of Information Technology,  
Gudlavalleru Engineering College,  
Gudlavalleru.

Mobile No: 9959592361

E-mail: [gecitfdp@gmail.com](mailto:gecitfdp@gmail.com)

### Contact Address

Department of IT,  
Gudlavalleru Engineering College,  
Gudlavalleru.

## A Five Day National Level Online Faculty Development Program on Data Science

19<sup>th</sup>-23<sup>rd</sup> January 2021

Sponsored by



Organized by  
Department of  
Information Technology

**GUDLAVALLERU ENGINEERING COLLEGE**

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Sheshadri Rao Knowledge Village  
Gudlavalleru - 521356, Krishna District,  
Andhra Pradesh, India.

Ph: 08674-273737, 273888

[www.gecgudlavalleru.ac.in](http://www.gecgudlavalleru.ac.in)



## ABOUT THE INSTITUTE

Gudlavalleru Engineering College is the vision of late Sri Vallurupalli Venkata Rama Seshadri Rao, the man behind the college. It was started in the year 1998 by the AANM & VVRSR Educational Society with an intake of 180 and 4 UG programs. GEC became an autonomous institution in 2014 and got accredited by NAAC with 'A' grade. The UG programs obtaining accreditations by NBA from 2008 onwards. GEC bagged ISTE award at National level. Presently, GEC is offering UG B.Tech programs in 8 courses, PG M.Tech program in 5 courses and PG MBA programme with a total intake of 1386. The institution is continuously striving for excellence by adopting changes to improve the systems, practices and performance. The college is situated at Gudlavalleru village and is surrounded by lush green fields providing serene learning environment. Gudlavalleru is 12 Km from Gudivada, 22 Km from Machilipatnam and 58 Km from Vijayawada. The nearest airport is Gannavaram (Vijayawada) 45 Km.

### *Our Philosophy*

- We hold ourselves to the highest standards in all our academic endeavors.
- We adhere to high standards of integrity, honesty and ethics in our pursuits.
- We nurture creativity and talent.
- We provide an atmosphere of mutual respect and compassion.
- We serve the society.

## ABOUT THE DEPARTMENT

Department of Information Technology is established in the year 1999. The department has started a program B.Tech in Information Technology with an intake of 60. IT Department was accredited by NBA in 2008, 2012, 2016 in Tier-II and 2019 in Tier-I. The current intake is 180. The key objective of the department is to impart the cutting edge technologies to the students to make them ready to meet the challenging demands of the Industry. It has the good infrastructural facilities to cater the needs of both teaching and research. The department is continuously striving hard to impart quality education and induce competitive spirit among students for academic excellence. The department is maintaining the good placement records.

### *Theme of FDP:*

Data Science is the most active frontier for innovation. It is a multi-disciplinary field that uses scientific methods, processes, algorithms and systems to extract knowledge and insights from structured and unstructured data. The analysis of colossal data sets is highly important in government, marketing, medicine, finance, business etc. This program provides detailed information regarding pertinent aspects related to data sciences and data analytics. It helps in applying appropriate analytic techniques and tools to analyze big data, create statistical model and identify insights that can lead to actionable results.

## RESOURCE PERSONS

- Dr. V. Sunil Kumar  
Director-Data Science, Ericsson, Bangalore
- Dr. P. Emmanuel Subhakar,  
Associate Professor and Head  
Dept. of CSE, MNIT, Jaipur, Rajasthan.
- Dr. A. C. S. Rao, Assistant Professor,  
Department of CSE, IIT (ISM), Dhanbad
- Dr. T. Rama Krishnu,  
Assistant Professor of CSE, NIT Warangal.
- Prof. KVSG Muralikrishna,  
Principal JNTUKCE, Narasaraopet
- Dr. G. Jaya Suma,  
Professor & Head, Department of IT  
JNTUK-UCE, Vizianagaram.
- Dr. K. Shahu Chatrapati,  
Professor & Head, Dept. of CSE,  
JNTUHCE, Manthani.
- Mr. Sam Oguri,  
Director, Chegg India, Visakhapatnam

### *Major Course Contents:*

- Overview of Data Science
- Data Visualization Techniques
- Exploratory and Predictive Analytics
- Data Analytics and Machine Learning
- Big Data architectures
- Applications of data science

### *Outcomes of FDP:*

After the completion of FDP the participants will be able to:

- Apply data science techniques to solve real world problems.
- Interpret analytical models to make better business decisions.
- Convert datasets to models through predictive analytics.
- Understand the challenges associated with scaling big data algorithms.

## GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, Gudlavalluru

### Department of Information Technology

LIST OF PARTICIPANTS FOR ATAL FDP

S.No.	Name	Email	Phone	Designation	Institute	District	State
1	Dr. B Nancharaiah	nanch_bn@yahoo.com	9866250010	Professor	Usha Rama College of Engineering and Technology	Krishna	A.P.
2	Mr. Dasari Sekhara Babu	sekhardasari@stmarysgroup.com	8019492399	Assoc.Prof.	St.Marys Group of Institutions Guntur	Guntur	A.P.
3	Mr. Pardhasaradhi.Chebrolu	pardhasaradhichebrolu@stmarysgroup.com	9951492388	Assoc.Prof.	St.Marys Group of Institutions Guntur	Guntur	A.P.
4	Mrs. RAMADEVI MAKINENI	ramamakineni@gmail.com	9000838646	Asst. Prof.	Malineni Perumallu Educational Society's Group of Institutions	Guntur	A.P.
5	Mr. Y Y NARAYANA REDDY	yynarayanareddy@gmail.com	8978667282	Asst. Prof.	Malineni Perumallu Educational Society's Group of Institutions	Prakasam	A.P.
6	Mr. K NAGABRAHMA CHARI	karne.nb@gmail.com	9440474879	Asst. Prof.	Malineni Perumallu Educational Society's Group of Institutions	Krishna	A.P.
7	Miss Loya Lakshmi Praneetha	l.l.pranitha64@gmail.com	8179272988	Asst. Prof.	Gudlavalluru Engineering College	Meerut	U.P.
8	Mr. Mohit Kumar	March.mohit82@gmail.com	9045082209	Asst. Prof.	DVSIET Meerut	Jabalpur	M.P.
9	Mr. Anurag Upadhyay	anurag.upadhyaya@gmail.com	9827722389	Asst. Prof.	G S College of Commerce and Economics (Autonomous) Jabalpur	Krishna	A.P.
10	Mr. CH.Venkateswara Rao	venky.chilamkurthi@gmail.com	9494946906	Asst. Prof.	Gudlavalluru Engineering College	Prakasam	A.P.
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12	Dr. Kotte Sowjanya	kotte.soujanya@gmail.com	9885189680	Asst. Prof.	Kakatiya Institute of Technology & Science	Rangareddy	TELANGANA
13	Mr. P.V RAMA GOPALA RAO	rao.ramagopal@gmail.com	9441825884	Asst. Prof.	SRI CHAITANYA TECHNICAL CAMPUS	Krishna	A.P.
14	Dr. P.J.S. Kumar	pjskumar@gmail.com	9440535959	Professor	AKKINENI NAGESWARA RAO COLLEGE	Bhadohi	U.P.
15	Mr. VINOD KUMAR YADAV	vinoditgov@gmail.com	9451611568	LECTURER	GOVERNMENT POLYTECHNIC AURAI, BHADOHI	Krishna	A.P.
16	Mr. KONDURU KRANTHI KUMAR	kk97976@gmail.com	9985372152	Asst. Prof.	GUDLAVALLERU ENGINEERING COLLEGE	Guntur	A.P.
17	Mr. PRADEEP VENUTHURUMILLI	pradeepvenuthuru@gmail.com	9849250840	Assoc.Prof.	St.Mary's womens Engineering college	Krishna	A.P.
18	Miss PARASA RAJYA LAKSHMI	parasa.raji@gmail.com	8074435769	Asst. Prof.	GUDLAVALLERU ENGINEERING COLLEGE	Krishna	A.P.
19	Mrs. Chalalalasetty Sarvani	ch.sarvani2010@gmail.com	8186083767	Asst. Prof.	Gudlavalluru Engineering College	Krishna	A.P.
20	Mr. N S SATYANARAYANA YEEMANI	sathya.yeemani@gmail.com	819964724	Asst. Prof.	Gudlavalluru Engineering College	Krishna	A.P.
21	Mrs. Allada Koteswaramma	koteswari.1201@gmail.com	7416761317	Asst. Prof.	Gudlavalluru Engineering college	Guntur	A.P.
22	Mrs. ANITHA RANI PALAKAYALA	anitha.palakayala@gmail.com	9000839339	Asst. Prof.	ST.MARY'S GROUP OF INSTITUTIONS GUNTUR	Visakhapatnam	A.P.
23	Mrs. Kavya Nikeeta Pathi	kavya.nikeeta@gmail.com	7842357433	Asst. Prof.	Raghu Institute of Technology	Guntur	A.P.
24	Mr. M M BALAKRISHNA	balakrishna2508@gmail.com	9848231282	Asst. Prof.	ST MARY'S WOMENS ENGINEERING COLLEGE	Krishna	A.P.
25	Dr. Gudapati Syam Prasad	syamprasad.gudapati@gmail.com	9989834447	Professor	narasaraopet engineering college	Rangareddy	TELANGANA
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27	Mr. J.Peter Praveen	jprraveen17@kluniversity.in	9949865863	Asst. Prof.	K L university	West Godavari	A.P.
28	Mr. Yallamanda Challa	challa.ynaidu@gmail.com	7093388457	Asst. Prof.	Sir C R Reddy College Of Engineering, Eluru	Krishna	A.P.
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30	Mrs. Adepu Vijaya	adepuvijaya1@gmail.com	7702989822	Assoc.Prof.	Kakatiya Institute of Technology and Science, Warangal	Krishna	A.P.
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37	Mr. Biswajit Panda	biswajit97.panda@gmail.com	7978689394	Asst. Prof.	Srinix College Of Engineering, Balasore	Guntur	A.P.
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40	Mr. K SUBRAHMANYA KOUSIK SARMA	kousikcareers@gmail.com	8500084992	Asst. Prof.	GUDLAVALLERU ENGINEERING COLLEGE	Prakasam	A.P.

S.No.	Name	Email	Phone	Designation	Institute	District	State
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48	Mr. chalasani srinivas	srinivas.chlsa@gmail.com	9394825335	Assoc.Prof.	Methodist College of Engineering and Technology	Krishna	A.P.
49	Mr. MYLAVARAPU KALYAN RAM	kalyanram1985@gmail.com	9491554464	Asst. Prof.	sircrre	Hyderabad	TELANGANA
50	Mrs. LAKKU KANYA KUMARI	kanya.hasya9419@gmail.com	9542743567	Asst. Prof.	Aditya Engineering College	West Godavari	A.P.
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52	Miss NALINI DURGA SEERAMSETTI	nalini.sst@gmail.com	9032640215	Research Scholar	Sri Padmavathi Mahila Viswa Vidyalayam	Krishna	A.P.
53	Mr. SUDHAKAR BATHALA	b.sudhakar@rguktrkv.ac.in	8978814976	RESEARCH SCHOLAR	SRI PADMAVATI MAHILA VISVA VIDYALAYAM TIRUPATI	Prakasam	A.P.
54	Mrs. Paul T Sheeba	sheebajamespt8082@gmail.com	9177729199	guest faculty	RGUKT IIIT-AP RK VALLEY	Guntur	A.P.
55	Mrs. Merlin G	g.merlingeorge@gmail.com	9841581699	Asst. Prof.	Kings Engineering College	Y.S.R.	A.P.
56	Miss D REJEES JENIFA	jenifa1306@gmail.com	9962735694	Asst. Prof.	Kings Engineering College	Chennai	TAMIL NADU
57	Mrs. SIVA LAKSHMI BOLEM	bslakshmi85@gmail.com	8939347661	Asst. Prof.	Kings Engineering College	Chennai	TAMIL NADU
58	Mr. THOMAS JACOB	thomaspullattu@vjec.ac.in	9848986099	Asst. Prof.	VIGNAN'S INSTITUTE OF ENGINEERING FOR WOMEN	Chennai	TAMIL NADU
59	Mrs. SASIKALA R	Sasiarasu2k@gmail.com	9447953460	Instructor	Vimal Jyothi Engineering College	Visakhapatnam	A.P.
60	Dr. G.M.Karthik	karthikcse@vcew.ac.in	9994492942	Asst. Prof.	CARE GROUP OF INSTITUTIONS,TRICHY	Kannur	KERALA
61	Mr. MIKKILI DILEEP KUMAR	dilipmtech@gmail.com	9443285673	Assoc.Prof.	Vivekanandha College of Engineering for Women	Tiruchirappalli	TAMIL NADU
62	Mr. BOYINA NAGARAJU	nagarajuboyina9@gmail.com	9533915916	Asst. Prof.	gudlavalleru engg college	Madurai	TAMIL NADU
63	Mr. LAKSHMIKANTH PALETI	khitcseplacements@gmail.com	8019501868	Asst. Prof.	V.K.R,V.N.B & AGK COLLEGE OF ENGINEERING	Krishna	A.P.
64	Mr. Melam Nagaraju	melam.nagaraju5810@gmail.com	9492464062	Assoc.Prof.	Kallam Haranadhareddy Institute of Technology	Krishna	A.P.
65	Dr. Tarakeswara Rao Balaga	tarakesh7199@gmail.com	9912168855	Asst. Prof.	Gudlavalleru Engineering College	Guntur	A.P.
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karthikcse@vcew.ac.in	Dr.G.M.Karthik	Vivekanandha College of Engineering for Women	5 5 5	YES	YES	YES	
challa.ynaidu@gmail.com	YALLAMANDA CHALLA	Sir C R REDDY COLLEGE OF ENGINEERING	5 5 5	YES	YES	NO	Nil
vineela.suri@gmail.com	VINEELA KRISHNA. SURI	Gudlavalluru Engineering College	5 5 5	YES	YES	YES	Very nice
rao.ramagopal@gmail.com	P.V.Rama gopala rao	TEEGALA KRISHNA REDDY ENGINEERING COLLEGE	4 4 4	YES	YES	YES	
srinivas.chlsa@gmail.com	SRINIVAS CHALASANI	Sir c r reddy engineering college	5 5 5	YES	YES	YES	Excellent session
drvuppu@gmail.com	Dr Vuppu Padmakar	Methodist College of Engineering & Technology	5 5 5	YES	YES	YES	Good sessions
mothilal556@gmail.com	TADIPARTHI MOTHILAL	V.K.R., V.N.B. & A.G.K. COLLEGE OF ENGINEERING	5 5 5	YES	YES	YES	good more informative
jayalakshminemana@gmail.com	N. Jayalakshmi	Raghu Institute of technology, visakhapatnam	5 4 5	YES	YES	YES	
venky.chilamkurthi@gmail.com	Ch.Venkateswara Rao	Gudlavalluru Engineering College	5 5 5	YES	YES	YES	
kavya.nikeeta@gmail.com	Pathi Kavya Nikeeta	Raghu Institute of Technology	5 5 5	YES	YES	YES	Very good session
march.mohit82@gmail.com	Mohit Kumar	DVSIET	4 4 4	YES	YES	NO	
mcahod@swarnandhra.ac.in	A Naga Lakshman Kumar	Swarnandhra College of Engineering and Technology	5 5 5	YES	YES	YES	Ok
nimmagaddakalyani33@gmail.com	Gorripati kalyani	Aanm&vvsr polytechnic, gudlavalluru	5 5 5	YES	YES	YES	No
puspitay2k@yahoo.com	Puspita Dash	Annamalai University	4 5 5	YES	YES	YES	
adepuvijaya1@gmail.com	Adepu Vijaya	KITS,Warangal	5 5 5	YES	YES	YES	All the session are very good
ragadeepthi137@gmail.com	Raga Deepthi Simhadri	Gudlavalluru Engineering College	5 4 5	YES	YES	YES	--
cheerlapoojarani@gmail.com	CHEERLA POOJARANI	Gudlavalluru Engineering College	4 4 4	YES	YES	YES	
phanikumarsindhe@gmail.com	Sindhe Phani Kumar	PACE Institute of Technology and Sciences	5 5 5	YES	YES	NO	
jilani_sk@pace.ac.in	SHAIK JILANI BASHA	PACE INSTITUTE OF TECHNOLOGY AND SCIENCES	5 5 5	YES	YES	YES	
vinoditgov@gmail.com	VINOD KUMAR YADAV	GOVERNMENT POLYTECHNIC AURAI, BHADOHI	5 5 4	YES	YES	YES	No
balukadaru2@gmail.com	Dr.Bala Brahmeswara Kadaru	Gudlavalluru Engineering College	5 5 5	YES	YES	NO	Session was excellent
jprraveen17@kluniversity.in	J.Peter Praveen	KLEF Deemed to be university	5 5 4	YES	YES	NO	No
pujitha303@gmail.com	Pujitha jadam	Siit	5 5 5	YES	YES	YES	Nil
nittala.swapna@sreyas.ac.in	Nittala. Swapna Suhasini	Sreyas Institute of Engineering and Technology	5 4 4	YES	YES	YES	
priyapatnaik.hari@gmail.com	J S V SAI HARI PRIYANKA	Anil Neerukonda Institute of Technology and Sciences	4 4 4	YES	YES	YES	
abigec@gecgudlavallurumic.in	Dr.R.Abinaya	Gudlavalluru Engineering College	5 5 5	YES	YES	YES	Video is not clear in session
kk97976@gmail.com	KONDURU KRANTHI KUMAR	GUDLAVALLERU ENGINEERING COLLEGE	5 5 5	YES	YES	YES	Good session
nirmaia.gadi@gmail.com	Dr.G.Nirmala	SIR.C.R.Reddy College of Engineering, ELURU	5 5 5	YES	YES	YES	Good
banand.cool@gmail.com	Anand Kumar Buddarapu	Gudlavalluru Engineering college	5 4 4	YES	YES	YES	
sivasatyasreedhar@gmail.com	SIVA SATYA SREEDHAR P	Anna University, Chennai	5 5 5	YES	YES	YES	Nothing
shila.pawar@scoa.org	Shila R.Pawar	Shri Chhatrapati Shivaji Maharaj CoE,Ahmednagar	5 5 5	YES	YES	YES	No
nnagarjunareddy@gmail.com	ANNAPAREDDY V N REDDY	Lakireddy Bali Reddy College of Engineering	5 5 4	YES	YES	YES	Nice sessions
csehamanthkumar@gmail.com	NIMMAGADDA HEMANTH KUMAR	A.A.N.M & V. V. R. S. R polytechnic	5 5 5	YES	YES	YES	Nice Session
rajasekharkommaraju@gmail.com	RAJASEKHAR KOMMARAJU	Lakireddy Bali Reddy College of Engineering	5 5 5	YES	YES	NO	
kvngendramtech@gmail.com	Dr. K. VenkataNagendra	Audisankara College of Engineering and Technology	4 4 4	YES	YES	YES	No
sekhardasari@stmarysgroup.com	DASARI SEKHAR BABU	ST.MARYS GROUP OF INSTITUTIONS GUNTUR	5 5 5	YES	YES	YES	No problem s. Keep it up
			5 5 5	YES	YES	YES	Nice sessions and useful

Username	ENTER YOUR NAME	ENTER YOUR COLLEGE NAME	HOW DO YOU RATE TODAY'S FDP SESSIONS			IS THE AUDIO CLEAR	IS THE VIDEO CLEAR	TECHNICAL ISSUES RESOLVED	ANY OTHER COMMENTS
pradeepvenuthuru@gmail.com	PRADEEP VENUTHURUMILLI	ST.Mary's womens Engineering College	5	5	5	YES	YES	YES	
manasayarrarapu@gmail.com	MANASA YARRARAPU	GUDLAVALLERU ENGINEERING COLLEGE	5	3	3	YES	YES	YES	Plz send ppt
manasabezawada04@gmail.com	Bezawada Manasa	RVR&JC COLLEGE OF ENGINEERING	4	5	4	YES	YES	YES	
vdasari@gitam.edu	Dasari Vijaya Lakshmi	GITAM SCHOOL OF TECHNOLOGY Hyderabad	4	5	5	YES	YES	YES	
suresh@pvpsiddhartha.ac.in	Suresh Yadlapati	PVP Siddhartha Institute of Technology	5	5	5	YES	YES	YES	No
tarakesh7199@gmail.com	Tarakeswara Rao Balaga	Kallam Haranadhareddy Institute of Technology	5	5	5	YES	YES	YES	Good Session by Dr V Sunil
kslkeerthi.02@gmail.com	Katta satya keerthi	AANM&VVRSR POLYTECHNIC	5	5	5	YES	YES	NO	Good
mamata1517@gmail.com	MAMATARANI DAS	C V RAMAN GLOBAL UNIVERSITY BHUBANESWAR	5	5	5	YES	YES	YES	Excellent session
nanch_bn@yahoo.com	Dr.B.Nancharaiah	Usha Rama College of Engineering and Technology	5	5	5	YES	YES	YES	
l.l.pranitha64@gmail.com	Loya Lakshmi Praneetha	Gudlalleru Engineering College	4	3	3	YES	YES	YES	no
anitha.palakayala@gmail.com	ANITHA RANI PALAKAYALA	ST.MARY'S GROUP OF INSTITUTIONS GUNTUR	5	5	5	YES	YES	YES	No
naveenvipparla@gmail.com	VIPPARLA Naveen kumar	Bapatla engineering college	5	5	5	YES	YES	YES	Pls share ppts and recorded
prabhakarswrn@gmail.com	PRABHAKAR K	SWARNANDHRA COLLEGE OF ENGINEERING AND TECHNOLOGY,NARSAPUR	5	5	5	YES	YES	YES	Nil
balakrishnanme@gmail.com	Dr.M.Balakrishnan	Dr.Mahalingam College of Engineering and Technology	5	5	5	YES	YES	YES	Very Good Sessions
maneesha.gudapati@gmail.com	Gudapati maneesha	Dhanekula institute of Engineering and technology	5	4	5	YES	YES	YES	
papudesidharani@gmail.com	N.P.Dharani	Sree vidyanikethan engineering college	5	5	5	YES	YES	YES	
venkat.chilamkurthi@gmail.com	Dr.V.Sangeeta	Raghu Institute of Technology	5	5	5	YES	YES	YES	
revathi_a@vnrvtiet.in	A REVATHI	VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY	5	5	5	YES	YES	YES	No suggestions
kotte.soujanya@gmail.com	Kotte Sowjanya	Kakatiya Institute of Technology and Science	5	5	5	YES	YES	YES	-
sridivyadandamudi@gmail.com	SRIDIVYA DANDAMUDI	AANM&VVRSR POLYTECHNIC ,GUDLAVALLERU	5	5	4	YES	YES	YES	
kanya.hasya9419@gmail.com	LAKKU KANYA KUMARI	ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY	5	5	5	YES	YES	YES	Nothing
pardhasaradhichebrolu@stmarysgroup.com	Ch. Pardhasaradhi	ST. MARYS GROUP OF INSTITUTIONS GUNTUR	5	5	5	YES	YES	YES	
srikakulapusbhakar@gmail.com	Srikakulapu Subhakar	Gudlalleru engineering college	5	5	5	YES	YES	YES	Nice session
mkoti.520@gmail.com	Mr. Koteswara Rao Maddala	Narasaraopeta Institute of Technology	5	5	5	YES	YES	YES	Nice
sumithra530@gmail.com	Madiri Divya sumithra	Gudlalleru engineering college	5	5	4	YES	YES	YES	Good
ccvy.deepthi@gmail.com	B. G. Deepthi	Sri Padmavathi Mahila Viswa Vidyalayam	5	4	5	YES	YES	YES	
biswajit97.panda@gmail.com	Biswajit Panda	Srinix College Of Engineering,Balasore	5	5	5	YES	YES	YES	Excellent session
jayaprada79@yahoo.com	S JAYAPRADA	Gudlalleru Engineering College	5	5	5	YES	YES	YES	Very nice sessions
kongarasmail@gmail.com	Srinivasarao kongara	R V R & J C College of engineering	5	5	5	YES	YES	YES	No
soumya.sahoo685@gmail.com	Soumya Sahoo	C V Raman Global University, BBSR	5	5	5	YES	YES	YES	Nice
ysurekha@pvpsiddhartha.ac.in	Y surekha	Prasad V Potluri Siddhartha Institute of Technology	5	5	5	YES	YES	YES	
ankitadugu@gmail.com	Dr.Ankita Tiwari	Koneru Lakshmaiah Education Foundation	5	5	5	YES	YES	YES	Topics good
khitchseplacements@gmail.com	LAKSHMIKANTH PALETI	KALLAM HARANADHAREDDY INSTITUTE OF TECHNOLOGY	5	5	5	YES	YES	NO	no
msailaja@pvpsiddhartha.ac.in	M SAILAJA	PVPSIT	5	5	5	YES	YES	YES	Good sessions
pjskumar@gmail.com	Dr. PJS Kumar	Akkineni Nageswara Rao College	4	4	4	YES	YES	YES	
dilipmtech@gmail.com	Mikkili Dileep kumar	Gudlalleru engineering college	4	4	4	YES	YES	YES	
haribabupogiri@gmail.com	hari babu pogiri	Raghu Institute of Technology	5	5	5	YES	YES	YES	Good support from the
macharla.devi99@gmail.com	Durga Devi Macharla	AANM&VVRSR Polytechnic	4	4	4	YES	YES	YES	
naviroja123@gmail.com	Naviri ROja	Gudlalleruengineeringcollege	3	4	4	YES	YES	YES	None
nakkathiru@gmail.com	Dr.N.Thirupathi Rao	Vignan's Institute of Information Technology(A)	4	4	4	YES	YES	YES	No
csejyothsnalatha@gmail.com	Kunchaparthi Jyothsna Latha	Gudlalleru Engineering College	5	5	5	YES	YES	YES	Entire three sessions are very
nalini.sst@gmail.com	NALINI DURGA SEERAMSETTI	SRI PADMAVATI MAHILA VISVA VIDYALAYAM TIRUPATI	4	4	4	YES	YES	YES	
manthan.lit@laxmi.edu.in	Manthan Surti	Laxmi Institute of Technology, Sarigam, Valsad	5	5	5	YES	YES	YES	
alladaaparna9@gmail.com	Apparna allada	Gudlalleru Engineering College	5	5	5	YES	YES	YES	It was good presentation
jenifa1306@gmail.com	D.REJEES JENIFA	Kings Engineering College	5	5	5	YES	YES	YES	
dbhanumahesh@gmail.com	D BHANU MAHESH	CVR COLLEGE OF ENGINEERING	5	5	5	YES	YES	YES	Session was useful
g.merlingearge@gmail.com	Merlin.G	Kings Engineering College	5	5	5	YES	YES	YES	NIL
battula.rajeswari@gmail.com	Raja Rajeswari Battula	Gudlalleru Engineering College	4	5	5	YES	YES	YES	Good session
			4	4	4	YES	YES	YES	

Username	ENTER YOUR NAME	ENTER YOUR COLLEGE NAME	HOW DO YOU RATE TODAY'S FDP SESSIONS		IS THE AUDIO CLEAR	IS THE VIDEO CLEAR	TECHNICAL ISSUES RESOLVED	ANY OTHER COMMENTS	
akwinderkaurkingra@gmail.com	Akwinder Kaur	Chandigarh University	5	4	5	YES	YES	YES	
narasimha.swamy.b@gmail.com	NARASIMHA SWAMY BIYYAPU	PVP Siddhartha Institute of Technology	4	5	5	YES	YES	YES	Na
reshmapothuri@gmail.com	Potturi Reshma	Gudlavalluru engineering college	5	5	5	YES	YES	YES	
pulicherlasivaprasad1976@yahoo.com	Pulicherla Siva Prasad	RVR&JC COLLEGE OF ENGINEERING	5	5	5	YES	YES	YES	Gud
priyanka.donepudi@gmail.com	DONEPUDI PRIYANKA	Gudlavalluru Engineering College	5	5	5	YES	YES	YES	Very informative session
ramspatnala@gmail.com	PPR MOHAN	IDEAL COLLEGE OF ARTS AND SCIENCES(AUTONOMOUS)	5	4	4	YES	YES	YES	
divya8955@gmail.com	HEMA DIVYA KANTAMNENI	Kluniversity	5	4	4	YES	YES	YES	No
sheebajamespt8082@gmail.com	Paul T Sheeba	Kings Engineering College	5	5	5	YES	YES	YES	No
showri@nbkrist.org	SHOWRI RAYALU BANDANADAM	NBKR INSTITUTE OF SCIENCE AND TECHNOLOGY	5	5	5	YES	YES	YES	Good
asrinagesh@gmail.com	Dr.Ayyagari Srinagesh	R.V.R. & J.C.College of Engineering	5	5	5	YES	YES	YES	NO
principalsig@gmail.cim	Dr DARURI VENUGOPAL	OPJS UNIVERSITY	5	5	5	YES	YES	YES	Please share the PPT'S
arunkumarmurugesan88@gmail.com	ARUNKUMAR M	Government College of Engineering	5	5	5	YES	YES	YES	Thank you for your support....
syamprasad.gudapati@gmail.com	Dr. Gudapati Syam Prasad	Narasaraopeta Engineering College	5	5	5	YES	YES	YES	
glalitha@pvpsiddhartha.ac.in	Dr Lalitha Kumari Gaddala	PVPSIT	5	5	5	YES	YES	YES	Good session
maneejanyaavala@gmail.com	Nagamani Janayavala	Lakkireddy Balireddy College of Engineering	5	5	5	YES	YES	YES	No
srinivas123fast@gmail.com	TUMMA Srinivasarao	Gudlavalluru Engineering college	5	5	5	YES	YES	YES	No
kishore@smvec.ac.in	Dr. Kishore Anthuvan Sahayaraj K	Sri Manakula Vinayagar Engineering College	5	5	4	YES	YES	YES	Nil
adityalu@gmail.com	ADITYA Y	Gudlavalluru Engineering College	5	5	4	YES	YES	YES	Good
renu.sks90@gmail.com	Renugadevi K	Government College of Engineering	5	5	5	YES	YES	YES	
aravindakasukurthi@gmail.com	Aravinda Kasukurthi	RVR & JC College of Engineering	5	5	5	YES	YES	YES	
parasaraji@gmail.com	PARASA RAJYA LAKSHMI	GUDLAVALLERU ENGINEERING COLLEGE	1	1	1	YES	YES	YES	
balakrishna2508@gmail.com	M M BALAKRISHNA	St Mary's Womens engineering college,Guntur	5	5	5	YES	YES	YES	
bhargavikanuri9@gmail.com	Kanuri Bhargavi	Gudlavalluru Engineering College	5	5	5	YES	YES	YES	No
y.jaipalreddy@gmail.com	Yeruva jaipal Reddy	Narasaraopeta institute of technology	5	5	5	YES	YES	YES	
namratha0707@gmail.com	Nalamwar Namratha	Sridevi Women's Engineering College	1	2	1	YES	YES	YES	Good
vrao1316@gmail.com	KODALI VENKATESWARA RAO	DHANEKULA INSTITUTE OF ENGINEERING AND TECHNOLOGY	5	5	5	YES	YES	YES	
raviraviraviyanamandra@gmail.com	YANAMANDRA RAVI SEKHAR	SVCET SRIKAKULAM	4	4	4	YES	YES	YES	No
ndveerlasandhya@gmail.com	Veerla sandhya	Gudlavalluru Engineering College	5	5	5	YES	YES	YES	Nothing
satyala1976@gmail.com	Dr. S. Narayana	Gudlavalluru Engineering College	5	5	5	YES	YES	YES	Good
ch.sarvani2010@gmail.com	Chalamalasetty Sarvani	Gudlavalluru Engineering College	4	4	4	YES	YES	YES	
mdeepthi2012@gmail.com	M MOHANA DEEPTHI	Andhra Loyola Institute of Engineering and Technology	4	5	5	YES	YES	YES	Nice session
sarabu.neelima@gmail.com	Dr. Sanagavarapu Neelima	Priyadarshini Institute of Science and Technolog for Women	4	4	4	YES	YES	YES	Informative session
madamanchib@gmail.com	MADAMANCHI BRAHMAIAH	RVR & JC COLLEGE OF ENGINEERING	4	4	4	YES	YES	YES	Informative sessions
anilmtechh@gmail.com	PENTA ANIL KUMAR	Gudlavalluru Engineering College	5	5	5	YES	YES	YES	
bollavenkataramana9@gmail.com	BOLLA VENKATA RAMANA	AANM&VVRSR POLYTECHNIC COLLEGE	5	5	5	YES	YES	YES	No
potu.bharath514@gmail.com	BHARATH POTU	Narasaraopeta Institute of Technology	5	5	5	YES	YES	YES	Nil
tnarendrababu@gmail.com	NARENDRABABU THUMATI	JNTUK	5	5	5	YES	YES	YES	No Comment
luckiestmani@gmail.com	SIKHINAM NAGAMANI	INDIAN INSTITUTE OF INFORMATION TECHNOLOGY	5	5	5	YES	YES	YES	Everything is fine
mails4prk@gmail.com	RAMA KRISHNA PALADUGU	RVR & JC COLLEGE OF ENGINEERING	5	5	5	YES	YES	YES	No
nagarajuboyina9@gmail.com	BOYINA NAGARAJU	Vkr VNB AGK COLLEGE OF ENGINEERING	5	5	5	YES	YES	YES	
sireeshamoturi@gmail.com	Sireesha Moturi	Narasaraopeta Engineering College	4	4	4	YES	YES	YES	No
Ghantasala.venugopal@gmail.com	GHANTASALA VENU GOPAL	PBR VISODAYA INSTITUTE OF TECHNOLOGY AND SCIENCE, KAVALI	5	5	5	YES	YES	YES	
nahida.syed@gmail.com	Syda Nahida	NRIIT	4	4	3	YES	YES	NO	
pjagadeeswararao@gmail.com	JAGADEESWARA RAO PALISETTI	DHANEKULA INSTITUTE OF ENGINEERING AND TECHNOLOGY	4	4	4	YES	NO	YES	
chrjyothi@aliet.ac.in	Dr Rathna Jyothi Chaduvula	Andhra Loyola Institute of Engineering and Technology	4	5	5	YES	YES	YES	Good
viswanadharedyn@diet.edu.in	VISWANADHAREDDY N	Dadi institute of engineering and technology	5	5	5	YES	YES	YES	
k.tejababu1@gmail.com	KOLUSU TEJA BABU	koneru lakshmaiah education foundation	5	5	5	YES	YES	YES	No comments
srinivasu.mutti@gmail.com	MUTTIPATI APPALA SRINUVASU	Raghu Institute of Technology	5	5	5	YES	YES	YES	No
			4	4	4	YES	YES	YES	No

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durgapraveenkumar.it@anits.edu.in	A Durga Praveen kumar	Anits	4	5	5	YES	YES	YES	
ramakrishna.badiguntla@gmail.com	RAMAKRISHNA BADIGUNTLA	KALLAM HARANADHAREDDY INSTITUTE OF TECHNOLOGY	5	5	4	YES	YES	YES	
mahesh.gogula@gmail.com	Mahesh Reddy Gogula	Kallam Haranadhareddy institute of technology	5	5	5	YES	YES	YES	No
priyadarshini@psr.edu.in	Priyadarsini S	P. S. R Engineering college	5	5	5	YES	YES	YES	
ahnkme.pсна@psnacet.edu.in	Dr. A.H.NANDHU KISHORE	PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY, DINDIGUL	4	4	4	YES	YES	YES	Good
sasireka.pсна@gmail.com	A. SASIREKA	PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY	5	5	5	YES	YES	YES	Very nice sessions
srinu.mekala@gmail.com	Dr MEKALA SRINIVASA RAO	Lakireddy Bali Reddy College of Engineering	5	5	5	YES	YES	YES	Nice session
cutevanam@gmail.com	A VANAMALA KUMAR	PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY	4	4	4	YES	YES	YES	
keerthi.guttikonda@gmail.com	Keerthi Guttikonda	Gudlavalleru Engineering College	5	5	5	YES	YES	YES	
ramamakineni@gmail.com	RAMADEVI MAKINENI	MPESGI	4	4	3	YES	YES	YES	No
sathar9000@gmail.com	GULLAPALLI SATHAR	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY	4	4	4	YES	YES	YES	Hadoop excellent
bslakshmi85@gmail.com	SIVA LAKSHMI BOLEM	VIGNAN'S INSTITUTE OF ENGINEERING FOR WOMEN	4	5	5	YES	YES	YES	No comments
sumallika.p@gmail.com	T.Sumallika	Gudlavalleru engineering college	5	5	5	YES	YES	YES	
kalapala.srilakshmi@gmail.com	Kalapala Srilakshmi	Gudlavalleru Engineering College	5	4	4	YES	YES	YES	
koteswari.1201@gmail.com	Allada Koteswaramma	Gudlavalleru Engineering College	5	5	5	YES	YES	YES	
kalyanram1985@gmail.com	Mylavarapu Kalyan Ram	Aditya Engineering college (A)	5	5	5	YES	YES	YES	
aichtaapas@gmail.com	Tapash K. Aich	Women's College, Tinsukia	5	5	5	YES	YES	YES	Good
priyadatta24986@gmail.com	Tata priyanka	Gudlavalleru Engineering College	5	5	5	YES	YES	YES	Very thoughtful session
praju@svecw.edu.in	V. Purushothama Raju	Shri Vishnu Engineering College for Women	5	5	5	YES	NO	YES	
ykvnath@gmail.com	KASIVISWANADHAM Y	GUDLAVALLERU ENGINEERING COLLEGE	5	5	5	YES	YES	YES	Good Sessions
melam.nagaraju5810@gmail.com	MELAM NAGARAJU	Gudlavalleru Engineering College	5	5	4	YES	YES	YES	
thomaspullattu@vjec.ac.in	Thomas Jacob	Vimal Jyothi Engineering College	5	5	5	YES	YES	YES	Very good
puppalaravanthi822@gmail.com	sravanthi	Gec	5	5	5	YES	YES	YES	Nothing
indiragamini@gmail.com	DNVLS INDIRA	Gudlavalleru Engineering College	4	4	4	YES	YES	YES	Good
sureshfdpweb@gmail.com	Suresh Mundru	KKR&KSR Institute of Technology and Sciences	5	5	5	YES	YES	YES	
ilnarayana1226@gmail.com	Lakshmi Narayana Inampudi	Gudlavalleru engineering college	5	5	5	YES	YES	YES	
anochcse@gmail.com	Bellamgubba Anoch	Narasaraopet Institute of Technology Narasaraopet	5	5	5	YES	YES	YES	Gy

**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalluru

**Department of Information Technology**

**ATAL FDP ON DATA SCIENCES**  
**ATTENDANCE-CUM-FEEDBACK - DAY 2**

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advaitavetagiri@gmail.com	Advaita Vetagiri	Gudlavalluru Engineering College	5	5	5	YES	YES	YES	
msailaja@pvpsiddhartha.ac.in	M SAILAJA	PVPSIT	5	4	3	YES	YES	YES	
nrnagarjunareddy@gmail.com	ANNAPAREDDY V N REDDY	Lakireddy Bali Reddy College of Engineering	5	5	5	YES	YES	YES	Nice session
showri@nbkrist.org	SHOWRI RAYALU BANDANADAM	NBKR INSTITUTE OF SCIENCE AND TECHNOLOGY	5	5	5	YES	YES	YES	
glalitha@pvpsiddhartha.ac.in	Dr Lalitha Kumari Gaddala	PVPSIT	5	5	5	YES	YES	YES	NO
mamata1517@gmail.com	MAMATARANI DAS	C V RAMAN GLOBAL UNIVERSITY, BHUBANESWAR	5	5	5	YES	YES	YES	No
sivasatyasreedhar@gmail.com	SIVA SATYA SREEDHAR P	Anna University, Chennai	5	5	5	YES	YES	YES	
namratha0707@gmail.com	Nalamwar Namratha	Sridevi Women's Engineering College	5	5	5	YES	YES	YES	No
phanikumarsindhe@gmail.com	Sindhe Phani Kumar	PACE Institute of Technology and Sciences	5	5	5	YES	YES	YES	Good
cutevanam@gmail.com	A Vanamala Kumar	PVP Siddhartha Institute of Technology	5	5	5	YES	YES	YES	
abigec@gecgudlavallurumic.in	Dr	Dr.R.Abinaya	4	4	4	YES	YES	YES	
manasabezawada04@gmail.com	Bezawada Manasa	RVR&JC COLLEGE OF ENGINEERING	5	5	5	YES	YES	YES	Good session
ragadeepthi137@gmail.com	Raga Deepthi Simhadri	Gudlavalluru Engineering College	5	5	4	YES	YES	YES	
naveenvipparla@gmail.com	VIPPARLA Naveen kumar	Bapatla engineering college	4	4	4	YES	YES	YES	
ramakrishna.badiguntla@gmail.com	RAMAKRISHNA BADIGUNTLA	KALLAM HARANADHAREDDY INSTITUTE OF TECHNOLOGY	5	5	5	YES	YES	YES	
vdasari@gitam.edu	Dasari Vijaya Lakshmi	GITAM School of Technology Hyderabad	5	5	5	YES	YES	YES	No
priyapatnaik.hari@gmail.com	J S V Sai Hari Priyanka	ANITS	5	4	4	YES	YES	YES	No
srinuvasu.mutti@gmail.com	MUTTIAPATI APPALA SRINUVASU	Raghu Institute of Technology	5	5	5	YES	YES	YES	Day 2 session is really good
sathar9000@gmail.com	GULLAPALLI SATHAR	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY	4	4	5	YES	YES	YES	Good
ashreetha1994@gmail.com	B ASHREETHA	Sree Vidyanikethan Engineering College	4	4	4	YES	YES	YES	GOOD
ccvy.deepthi@gmail.com	B. G. Deepthi	Sri Padmavathi Mahila Viswa Vidyalayam	5	5	5	YES	YES	YES	
ysurekha@pvpsiddhartha.ac.in	Y surekha	Prasad V Potluri Siddhartha Institute of Technology	5	5	5	YES	YES	YES	
macharla.devi99@gmail.com	Durga Devi Macharla	AANM & VVRSR POLYTECHNIC COLLEGE	5	5	5	YES	YES	YES	No
csehemanthkumar@gmail.com	NIMMAGADDA HEMANTH KUMAR	A. A. N. M & V. V. R. S. R polytechnic	3	4	4	YES	YES	YES	NONE
nimmagaddakalyani33@gmail.com	Gorripati kalyani	Aanm& vvrssr polytechnic, gudlavalluru	5	5	5	YES	YES	YES	None
renu.sks90@gmail.com	Renugadevi	Government college of Engineering	4	5	5	YES	YES	YES	
kavya.nikeeta@gmail.com	Kavya Nikeeta Pathi	Raghu Institute of Technology	5	5	5	YES	YES	YES	
sahithibobba@gmail.com	Sahithi bobba	Raghu Institute of Technology	4	4	4	YES	YES	YES	
ch.sarvani2010@gmail.com	CHALAMALASETTY SARVANI	Gudlavalluru engineering college	4	4	4	YES	YES	YES	
chrjyothi@aliet.ac.in	Dr Ch Rathna Jyothi	Gudlavalluru Engineering College	5	5	5	YES	YES	YES	Good session
		Andhra Loyola Institute of Engineering and Technology	5	5	5	YES	YES	YES	
principalsig@gmail.com	Dr. DARURI VENUGOPAL								Thank you for your Support.... With Regards
jayaprada79@yahoo.com	Dr S JAYAPRADA	OPJS UNIVERSITY	5	5	5	YES	YES	YES	
vrao1316@gmail.com		Gudlavalluru Engineering College	5	5	5	YES	YES	YES	No
puspitay2k@yahoo.com	KODALI VENKATESWARA RAO	DHANEKULA INSTITUTE OF ENGINEERING AND TECHNOLOGY	5	4	5	YES	YES	YES	No
biswajit97.panda@gmail.com	Puspita Dash	Annamalai University	5	5	5	YES	YES	YES	Excellent session
balabhaskar605@gmail.com	Biswajit Panda	Srinix College Of Engineering, Balasore, Odisha	5	5	5	YES	YES	YES	Excellent session
	BALA BHASKARA RAO EMANI	Gudlavalluru Engineering College	5	4	4	YES	YES	NO	

Username	ENTER YOUR NAME	ENTER YOUR COLLEGE NAME	HOW DO YOU RATE TODAY'S FDP SESSIONS			IS THE AUDIO CLEAR	IS THE VIDEO CLEAR	TECHNICAL ISSUES RESOLVED	ANY OTHER COMMENTS
sridivyaandamudi@gmail.com	SRIDIVYA DANDAMUDI	A A N M & V V R S R POLYTECHNIC, GUDLAVALLERU	5	5	5	YES	YES	YES	NOTHING
karthikcse@vcew.ac.in	Dr.G.M.Karthik	Vivekanandha College of Engineering for Women	5	5	5	YES	YES	NO	Nil
kslkeerthi.02@gmail.com	Katta satya keerthi	AANM&VVRSR POLYTECHNIC							Excellent sessions please send ppts to whatsapp group
melam.nagaraju5810@gmail.com	MELAM NAGARAJU	Gudlavalleru engineering college	5	5	5	YES	YES	YES	
rao.ramagopal@gmail.com	P.V.Rama gopala rao	TEEGALA KRISHNA REDDY ENGINEERING COLLEGE	5	5	5	YES	YES	YES	
puicherlasivaprasad1976@gmail.com	PULICHERLA SIVA PRASAD	RVR&JC COLLEGE OF ENGINEERING	5	5	5	YES	YES	YES	Informative session
haribabupogiri@gmail.com	hari babu pogiri	Raghu Institute of Technology	5	4	4	YES	YES	YES	Informative session
khitcseplacements@gmail.com	LAKSHMIKANTH PALETI	KALLAM HARANADHAREDDY INSTITUTE OF TECHNOLOGY	4	5	5	YES	YES	YES	sessions 2 & 3 are good
balakrishnanme@gmail.com	Dr.M.Balakrishnan	Dr.Mahalingam College of Engineering and Technology	5	5	4	YES	YES	YES	
pjskumar@gmail.com	Dr. P.J.S.KUMAR	Akkineni Nageswara Rao College	5	4	4	YES	YES	YES	
venkat.chilamkurthi@gmail.com	Dr. V.Sangeeta	Raghu Institute of Technology	5	5	5	YES	YES	YES	
tarakesh7199@gmail.com	Tarakeswara Rao Balaga	Kallam Haranadhareddy Institute of Technology	5	5	5	YES	YES	YES	No suggestions
nahida.syed@gmail.com	Syda Nahida	NRIIT	5	5	5	YES	YES	NO	Good
srinu.mekala@gmail.com	Dr MEKALA SRINIVASA RAO	Lakireddy Bali Reddy College of Engineering	4	4	4	YES	YES	YES	
cheerlapoojarani@gmail.com	CHEERLA POOJARANI	Gudlavalleru Engineering College	5	5	4	YES	YES	YES	
pujitha303@gmail.com	Pujitha jadam	Siiet	5	5	5	YES	YES	YES	
jenifa1306@gmail.com	D.REJEES JENIFA	Kings Engineering College	3	5	5	YES	YES	YES	
mdeepthi2012@gmail.com	M MOHANA DEEPTHI	Andhra Loyola Institute of Engineering and Technology	5	5	5	YES	YES	YES	Session was good
rajasekharkommaraju@gmail.com	Rajasekhar Kommaraju	LakiReddy Bali Reddy College of Engineering	4	4	4	YES	YES	YES	Good session
kishore@smvec.ac.in	Dr. Kishore Anthuvan Sahayaraj K	Sri Manakula Vinayagar Engineering College	4	4	4	YES	YES	YES	no
shila.pawar@scoea.org	Shila R.Pawar	Shri Chhatrapati Shivaji Maharaj college of engg.	5	5	5	YES	YES	YES	Good
vinoditgov@gmail.com	VINOD KUMAR YADAV	GOVERNMENT POLYTECHNIC AURAI,BHADOHI	5	5	5	YES	YES	YES	Good
raviraviraviyanamandra@gmail.com	YANAMANDRA RAVI SEKHAR	SVCET SRIKAKULAM	5	5	5	NO	YES	YES	All session was excellent
bollavenkataramana9@gmail.com	BOLLA VENKATA RAMANA	AANM&VVRSR POLYTECHNIC COLLEGE	5	5	5	YES	YES	YES	Nothing
nirmala.gadi@gmail.com	Dr.G.Nirmala	SIR. C.R.Reddy College of Engineering,ELURU	4	5	5	YES	YES	YES	Nikk
sarabu.neelima@gmail.com	Dr. Sanagavarapu Neelima	Priyadarshini Institute of Science and Technolgy for Women	5	4	4	YES	YES	NO	
sobhanbabugec2015@gmail.com	SOBHANBABU BADUGU	Gudlavalleru Engineering College	5	4	5	YES	YES	YES	Good sessions
kdk.comp@coep.ac.in	Khushal Khairnar	College of engineering pune	5	5	5	YES	YES	YES	
kanya.hasya9419@gmail.com	LAKKU KANYA KUMARI	ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY	5	4	5	YES	YES	YES	No
akwinderkaurkingra@gmail.com	Akwinder Kaur	Chandigarh University	5	5	5	YES	YES	YES	
naviriroja123@gmail.com	Naviri Roja	Gudlavalleruengineeringcollege	5	4	5	YES	YES	YES	Na
jpraveen17@kluniversity.in	J.Peter Praveen	KLEF Deemed to be university	4	4	4	YES	YES	YES	No
challa.ynaidu@gmail.com	YALLAMANDA CHALLA	SIR C R REDDY COLLEGE OF ENGINEERING, ELURU	5	5	5	YES	YES	YES	No
kotte.soujanya@gmail.com	Kotte Sowjanya	Kakatiya Institute of Technology and Science	5	5	5	YES	YES	YES	nice
Ghantasala.venugopal@gmail.com	GHANTASALA VENU GOPAL	PBR VISVODAYA INSTITUTE OF TECHNOLOGY AND SCIENCE, KAVALI	5	4	4	YES	YES	YES	
			4	3	4	YES	YES	YES	
manthan.lit@laxmi.edu.in	Manthan Surti	Laxmi Institute Of Technology, Sarigam, Valsad							Good informative session about machine learning algorithms
kvnagendramtech@gmail.com	Dr. Kolluru venkata Nagendra	Audisankara college of engineering and technology	5	5	5	YES	YES	YES	
pjagadeeswararao@gmail.com	JAGADEESWARA RAO PALISETTI	DHANEKULA INSTITUTE OF ENGINEERING AND TECHNOLOGY	4	5	5	YES	YES	YES	No comments
			5	5	4	YES	YES	YES	Good
asrinagesh@gmail.com	Dr.Ayyagari Srinagesh	R.V.R.&J.C.College of Engineering							Please Share the today Session PPT's
suresh@pypsiddhartha.ac.in	Suresh Yadlapati	PVP Siddhartha Institute of Technology	5	5	5	YES	YES	YES	
			5	5	5	YES	YES	YES	

Username	ENTER YOUR NAME	ENTER YOUR COLLEGE NAME	HOW DO YOU RATE TODAY'S FDP SESSIONS			IS THE AUDIO CLEAR	IS THE VIDEO CLEAR	TECHNICAL ISSUES RESOLVED	ANY OTHER COMMENTS
priyadarshini@psr.edu.in	Priyadarshini s	P. S. R Engineering college							
koteswari.1201@gmail.com	7416761317	Gudlavalleru Engineering College	5	5	5	YES	YES	YES	Good
sasireka.pсна@gmail.com	Dr. A. SASIREKA	PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY	5	5	5	YES	YES	YES	
papudesidharani@gmail.com	N.P.Dharani	sree vidyanikethan engineering college	5	5	5	YES	YES	YES	Useful sessions
pradeepvenuthuru@gmail.com	PRADEEP VENUTHURUMILLI	ST.MARYS WOMENS ENGINEERING COLLEGE	4	5	5	YES	YES	YES	
viswanadhareddy@diat.edu.in	VISWANADHAREDDY N	DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY	4	4	4	YES	YES	YES	
mahesh.gogula@gmail.com	Mahesh Reddy Gogula	Kallam Haranadhareddy institute of technology	5	5	5	YES	YES	YES	No comments
thomaspullattu@vjec.ac.in	THOMAS JACOB	Vimal Jyothi Engineering College	5	5	5	YES	YES	YES	
			5	5	5	YES	YES	YES	
g.merlingearge@gmail.com	Merlin G	Kings Engineering College							Excellent informative sessions
sireeshamoturi@gmail.com	Sireesha Moturi	Narasaraopeta Engineering College	5	5	5	YES	YES	YES	
dbhanumahesh@gmail.com	D BHANU MAHESH	CVR COLLEGE OF ENGINEERING	5	5	5	YES	YES	YES	
k.tejababu1@gmail.com	KOLUSU TEJA BABU	koneru lakshmaiah education foundation	5	5	5	YES	YES	YES	NIL
srinivas123fast@gmail.com	TUMMA Srinivasarao	Gudlavalleru Engineering college	5	5	5	YES	YES	YES	No
revathi_a@vnrvjiet.in	A REVATHI	VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY	5	4	5	YES	YES	YES	Nil
ahnkme.pсна@psnacet.edu.in	Dr. A.H. NANDHU KISHORE	PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY, DINDIGUL	5	5	5	YES	YES	YES	-
jayalakshminemana@gmail.com	N. Jayalakshmi	Raghu Institute of technology, visakhapatnam	4	4	4	YES	YES	YES	Very nice sessions.
kalapala.srilakshmi@gmail.com	Kalapala Srilakshmi	Gudlavalleru Engineering College	5	5	5	YES	YES	YES	
ankitadugu@gmail.com	Dr. Ankit Tiwari	Koneru Lakshmaiah Education Foundation	4	5	5	YES	YES	YES	
sheebajamespt8082@gmail.com	Paul T Sheeba	Kings Engineering College	5	4	4	YES	YES	YES	No
alladaaparna9@gmail.com	Apparna allada	Gudlavalleru Engineering College	5	5	5	YES	YES	YES	Good
balukadaru2@gmail.com	Dr. Bala Brahmeswara Kadaru	Gudlavalleru Engineering College	5	5	5	YES	YES	YES	
maneesh.gudapati@gmail.com	Gudapati maneesh	DHANEKULA INSTITUTE of Engineering and TECHNOLOGY	5	5	5	YES	YES	YES	No
			5	4	4	YES	YES	NO	
sekhardasari@stmarysgroup.com	DASARI SEKHAR BABU	ST.MARYS GROUP OF INSTITUTIONS GUNTUR							Coordinator Venky sir so helpful. Thanks for the support
PARDHASARADHICHEBROLU@STMARYSGROUP.COM	CH PARDHA SARADHI	ST. MARY'S GROUP OF INSTITUTIONS GUNTUR	5	5	5	YES	YES	YES	
syamprasad.gudapati@gmail.com	Dr. Gudapati Syam Prasad	Narasaraopeta Engineering College	4	4	4	YES	YES	YES	
narasimha.swamy.b@gmail.com	NARASIMHA SWAMY BIYYAPU	PVP Siddhartha Institute of Technology	5	5	5	YES	YES	YES	Good session
sumithra530@gmail.com	Madiri Divya sumithra	Gudlavalleru engineering college	4	4	4	YES	YES	YES	
kongarasmail@gmail.com	Srinivasarao kongara	R V R & J C College of engineering	5	4	5	YES	YES	YES	
bhargavikanuri9@gmail.com	Kanuri Bhargavi	Gudlavalleru Engineering College	5	5	5	YES	YES	YES	Good
arunkumarmurugesan88@gmail.com	ARUNKUMAR M	Government College of Engineering	5	5	5	YES	YES	YES	
srinivas.chlsn@gmail.com	Srinivas chalasani	Sir c r reddy engineeringcollege	5	5	5	YES	YES	YES	
parasaraji@gmail.com	PARASA RAJA LAKSHMI	GUDLAVALLERU ENGINEERING COLLEGE	5	5	5	YES	YES	YES	Good session
tnarendrababu@gmail.com	NARENDRABABU THUMATI	JNTUK	5	5	5	YES	YES	YES	
drvuppu@gmail.com	Dr Vuppu Padmakar	Methodist College of Engineering and Technology	5	5	5	YES	YES	YES	Everything is fine
mothilq1556@gmail.com	TADIPARTHI MOTHILAL	V.K.R., V.N.B. & A.G.K. COLLEGE OF ENGINEERING	5	5	5	YES	YES	YES	Good information
sikhinamn@iitt.ac.in	SIKHINAM NAGAMANI	Indian Institute of Information TEchnology	5	5	5	YES	YES	YES	
ykvath@gmail.com	Kasiviswanadham Y	Gudlavalleru Engineering College	5	5	5	YES	YES	YES	NO
maneejanyavala@gmail.com	Nagamani janyavala	Lakkireddy Bali Reddy college of Engineering	5	5	5	YES	YES	YES	
balakrishna2508@gmail.com	M M BALAKRISHNA	St Mary's Womens engineering college, Guntur	5	5	5	YES	YES	YES	No
kk97976@gmail.com	KONDURU KRANTHI KUMAR	GUDLAVALLERU ENGINEERING COLLEGE	5	5	5	YES	YES	YES	No
march.mohit82@gmail.com	Mohit Kumar	DVSIET	5	5	5	YES	YES	YES	Good
srikakulapubhakar@gmail.com	Srikakulapu Subhakar	Gudlavalleru engineering college	5	5	5	YES	YES	YES	Ok
l.l.pranitha64@gmail.com	Loya Lakshmi Praneetha	Gudlavalleru Engineering College	5	5	5	YES	YES	YES	Nice
			4	3	3	YES	YES	YES	No

Username	ENTER YOUR NAME	ENTER YOUR COLLEGE NAME	HOW DO YOU RATE TODAY'S FDP SESSIONS			IS THE AUDIO CLEAR	IS THE VIDEO CLEAR	TECHNICAL ISSUES RESOLVED	ANY OTHER COMMENTS
aichtaapas@gmail.com	Tapash K. Aich	Women's College, Tinsukia							
soumya.sahoo685@gmail.com	Soumya Sahoo	CVRGU	5	5	5	YES	YES	YES	Informative session
nanch_bn@yahoo.com	Dr.B.Nancharaiah	Usha Rama College of Engineering and Technology	5	5	5	YES	YES	YES	
manasayarrarapu@gmail.com	MANASA YARRARAPU	GUDLAVALLERU ENGINEERING COLLEGE	5	5	5	YES	YES	YES	
nakkathiru@gmail.com	Dr. N. Thirupathi Rao	Vignan's Institute of Information Technology	5	4	3	YES	NO	YES	
ramspatnala@gmail.com	PPR MOHAN	IDEAL COLLEGE	5	5	5	YES	YES	YES	Good sessions
mkoti.520@gmail.com	Mr. Koteswara Rao Maddala	Narasaraopeta Institute of Technology	4	4	4	YES	YES	YES	No
bslakshmi85@gmail.com	SIVA LAKSHMI BOLEM	VIGNAN'S INSTITUTE OF ENGINEERING FOR WOMEN	5	4	5	YES	YES	YES	Good
aravindakasukurthi@gmail.com	Aravinda Kasukurthi	R.V.R. J. C. College of Engineering	5	5	5	YES	YES	YES	
anilmtechh@gmail.com	PENTA ANIL KUMAR	Gudlavalleru Engineering College	5	5	5	YES	YES	YES	
priyanka.donepudi@gmail.com	DONEPUDI PRIYANKA	Gudlavalleru Engineering College	5	5	5	YES	YES	YES	No
ndveerlasandhya@gmail.com	Veerla Sandhya	Gudlavalleru Engineering College	5	5	5	YES	YES	YES	
reshmapothuri@gmail.com	Potturi Reshma	Gudlavalleru engineering college	5	5	5	YES	YES	YES	Good
nagarajuboyina9@gmail.com	BOYINA NAGARAJU	VKRVNB AGK COLLEGE OF ENGINEERING	5	5	5	YES	YES	YES	Gud
mails4prk@gmail.com	RAMA KRISHNA PALADUGU	RVR & JC COLLEGE OF ENGINEERING	4	5	4	YES	YES	YES	No
vineela.suri@gmail.com	Vineela Krishna. Suri	Gudlavalleru engineering college	5	5	5	YES	YES	YES	
adityalu@gmail.com	ADITYA Y	Gudlavalleru Engineering College	4	4	4	YES	YES	YES	
y.jaipalreddy@gmail.com	Yeruva jaipal Reddy	Narasaraopeta institute of technology	5	5	5	YES	YES	YES	
jilani_sk@pace.ac.in	SHAIK JILANI BASHA	PACE INSTITUTE OF TECHNOLOGY AND SCIENCES	2	1	2	YES	YES	YES	No
sureahfdpweb@gmail.com	Suresh Mundru	KKR&KSR Institute of Technology and Sciences	5	5	4	YES	YES	YES	No
banand.cool@gmail.com	Anand Kumar Buddarapu	Gudlavalleru Engineering college	5	5	4	YES	YES	YES	
anitha.palakayala@gmail.com	ANITHA RANI PALAKAYALA	ST.MARY'S GROUP OF INSTITUTIONS GUNTUR	5	5	5	YES	YES	YES	Nothing
			5	5	5	YES	YES	YES	
dhanayarlagadda@gmail.com	DHANA LAKSHMI LANKA	GUDLAVALLERU ENGINEERING COLLEGE							Good insights are given on Machine learning by Jaya suma mam
prabhakarswrn@gmail.com	PRABHAKAR K	Swarnandhra College of Engineering and Technology, Narsapur	5	5	5	YES	YES	NO	Good Session
dilipmtech@gmail.com	M Dileep kumar	Gec gudlavalleru	5	5	5	YES	YES	YES	
ramamakineni@gmail.com	RAMADEVI MAKINENI	MPESGI	5	5	5	YES	YES	YES	
csejyothsnalatha@gmail.com	Kunchaparthi Jyothsna Latha	Gudlavalleru Engineering College	5	4	4	YES	YES	YES	
potu.bharath514@gmail.com	BHARATH POTU	Narasaraopeta Institute of Technology	4	4	4	YES	YES	YES	
sathya.yeemani@gmail.com	N S Satyanarayana Yeemani	Gudlavalleru Engineering College	5	5	5	YES	YES	YES	No Comment
sureshdani2004@gmail.com	Ch suresh babu	Gudlavalleru engineering college	5	5	5	YES	YES	YES	
praju@svecw.edu.in	V. Purushothama Raju	Shri Vishnu Engineering College for Women	5	5	5	YES	YES	YES	
kousikcareers@gmail.com	K SUBRAHMANYA KOUSIK	GUDLAVALLERU ENGINEERING COLLEGE	5	5	5	YES	YES	YES	
nalini.sst@gmail.com	NALINI DURGA SEERAMSETTI	SRI PADMAVATI MAHILA VISVAVIDYALAYAM TIRUPATI	4	5	4	YES	YES	YES	NA
satyala1976@gmail.com	Dr. S. Narayana	Gudlavalleru Engineering College	5	5	5	YES	YES	YES	
			4	4	4	YES	YES	YES	

# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru

**Department of Information Technology**

**ATAL FDP ON DATA SCIENCES**

**ATTENDANCE-CUM-FEEDBACK - DAY 3**

Username	ENTER YOUR NAME	ENTER YOUR COLLEGE NAME	HOW DO YOU RATE TODAY'S FDP SESSIONS			IS THE AUDIO CLEAR	IS THE VIDEO CLEAR	TECHNICAL ISSUES RESOLVED	ANY OTHER COMMENTS
bollavenkataramana9@gmail.com	BOLLA VENKATA RAMANA	AANM&VVRSR POLYTECHNIC COLLEGE	5	5	5	YES	YES	NO	Nil
kavya.nikeeta@gmail.com	Kavya Nikeeta Pathi	Raghu Institute of Technology	4	4	4	YES	YES	YES	
koteswari.1201@gmail.com	Allada Koteswaramma	Gudlavalleru Engineering College	5	5	5	YES	YES	YES	
challa.ynaidu@gmail.com	YALLAMANDA CHALLA	SIR C R REDDY COLLEGE OF ENGINEERING	5	5	5	YES	YES	YES	
ysurekha@pvpsiddhartha.ac.in	Y surekha	Prasad V Potluri Siddhartha Institute of Technology	5	5	5	YES	YES	YES	Good
priyapatnaik.hari@gmail.com	J S V SAI HARI PRIYANKA	ANITS	5	5	5	YES	YES	YES	All sessions are good
kdk.comp@coep.ac.in	Khushal Khairnar	College of engineering pune	5	5	5	YES	YES	YES	No
jayaprada79@yahoo.com	Dr S JAYAPRADA	Gudlavalleru Engineering College	5	5	5	YES	YES	YES	
manasayarrarapu@gmail.com	MANASA YARRARAPU	GUDLAVALLERU ENGINEERING COLLEGE	5	5	5	YES	YES	YES	No
jenifa1306@gmail.com	D.REJEES JENIFA	Kings Engineering College	4	4	3	YES	YES	YES	
namratha0707@gmail.com	Nalamwar Namratha	Sridevi Women's Engineering College	5	5	5	YES	YES	YES	Session was good
nahida.syd@gmail.com	Syda Nahida	NRIIT	5	5	5	YES	YES	YES	Good
karthikcse@vcew.ac.in	Dr.G.M.KARTHIK	Vivekanandha College of Engineering for Women	4	4	5	YES	YES	YES	
rao.ramagopal@gmail.com	P.V.Rama gopala rao	TEEGALA KRISHNA REDDY ENGINEERING COLLEGE	5	5	4	YES	YES	NO	Nil
drvuppu@gmail.com	Dr Vuppu Padmakar	Methodist College of Engineering and Technology	5	5	5	YES	YES	YES	Excellent session
kotte.soujanya@gmail.com	Kotte Sowjanya	Kakatiya Institute of Technology and Science	5	5	5	YES	YES	YES	Good More information
srinivas.chlsn@gmail.com	SRINIVAS CHALASANI	Sir c r reddy engineeringcollege	4	4	4	YES	YES	YES	
nrnagarjunareddy@gmail.com	ANNAPAREDDY V N REDDY	Lakireddy Bali Reddy College of Engineering	5	5	4	YES	YES	YES	Good session
g.merlingeorge@gmail.com	Merlin G	Kings Engineering College	5	5	5	YES	YES	YES	Nice session
msailaja@pvpsiddhartha.ac.in	M SAILAJA	PVPSIT	5	5	4	YES	YES	YES	
haribabupogiri@gmail.com	hari babu pogiri	Raghu Institute of technology	4	4	4	YES	YES	YES	
biswajit97.panda@gmail.com	Biswajit Panda	Srinix College Of Engineering,Balasore,Odisha	4	5	4	YES	YES	YES	
thomaspullattu@vjec.ac.in	THOMAS JACOB	Vimal Jyothi Engineering College	5	5	5	YES	YES	YES	Nice session
sudhamtech@gmail.com	Sudhakar Kattupalli	PSCMRCT	5	5	5	YES	YES	YES	
raviraviraviyanamandra@gmail.com	YANAMANDRA RAVI SEKHAR	SVCET SRIKAKULAM	5	5	5	YES	YES	YES	
kslkeerthi.02@gmail.com	Katta satya keerthi	AANM&VVRSR POLYTECHNIC	5	5	5	YES	YES	YES	Nothing
prabhakarswrn@gmail.com	PRABHAKAR K	Swarnandhra College of Engineering and Technology Narsapur	5	5	5	YES	YES	YES	Excellent session
sivasatyasreedhar@gmail.com	SIVA SATYA SREEDHAR P	Anna University, CHennai	5	5	5	YES	YES	YES	Good
sikhinamn@iiitt.ac.in	SIKHINAM NAGAMANI	Indian Institute of Information Technology	5	5	5	YES	YES	YES	No
tarakesh7199@gmail.com	Tarakeswara Rao Balaga	Kallam Haranadhareddy Institute of Technology	5	5	5	YES	YES	YES	NO
jayalakshminemana@gmail.com	N. Jayalakshmi	Raghu Institute of technology, visakhapatnam	5	5	5	YES	YES	NO	Good
vdasari@gitam.edu	Dasari Vijaya Lakshmi	GITAM School of Technology, Hyderabad	5	4	5	YES	YES	YES	
advaitavetagiri@gmail.com	Advaita Vetagiri	Gudlavalleru Engineering College	5	5	5	YES	YES	YES	No
vinoditgov@gmail.com	VINOD KUMAR YADAV	GOVERNMENT POLYTECHNIC AURAI, BHADOHI	5	5	5	YES	YES	YES	
banand.cool@gmail.com	Anand Kumar Buddarapu	Gudlavalleru Engineering college	5	5	5	YES	YES	YES	Excellent
Ghantasala.venugopal@gmail.com	GHANTASALA VENU GOPAL	PBR VISVODAYA INSTITUTE OF TECHNOLOGY AND SCIENCE, KAVALI	5	5	5	YES	YES	YES	Nothing
			4	3	3	YES	YES	YES	

Username	ENTER YOUR NAME	ENTER YOUR COLLEGE NAME	HOW DO YOU RATE TODAY'S FDP SESSIONS			IS THE AUDIO CLEAR	IS THE VIDEO CLEAR	TECHNICAL ISSUES RESOLVED	ANY OTHER COMMENTS
cutevanam@gmail.com	A VANAMALA KUMAR	PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY	4	4	4	YES	YES	YES	
ankitadugu@gmail.com	Dr.Ankita Tiwari	Koneru Lakshmaiah Education Foundation	4	4	4	YES	YES	YES	teams having problem some times to connect..so better opt other platform for fdp
puspitay2k@yahoo.com	Puspita Dash	Annamalai University							
jpaveen17@kluniversity.in	J.peter Praveen	KLEF Deemed to be University	5	5	5	YES	YES	YES	All the session are very good
ramakrishna.badiguntla@gmail.com	RAMAKRISHNA BADIGUNTLA	KALLAM HARANADHAREDDY INSTITUTE OF TECHNOLOGY	5	5	5	YES	YES	YES	No
march.mohit82@gmail.com	Mohit Kumar	DVSIET	5	5	4	YES	YES	YES	No
shila.pawar@scoa.org	Shila R Pawar	scsmcoe	5	5	5	YES	YES	YES	Ok
nirmala.gadi@gmail.com	Dr.G.Nirmala	SIR.C.R.Reddy College of Engineering,ELURU	5	5	5	YES	YES	YES	good
maneejanyavala@gmail.com	Nagamani Janyavala	Lakkireddy Bali Reddy college of Engineering	5	4	4	YES	YES	YES	Noice is between the session
papudesidharani@gmail.com	N.P.dharani	Sree vidyanikethan engineering college	5	5	5	YES	YES	YES	No
rajasekharkommaraju@gmail.com	RAJASEKHAR KOMMARAJU	LakiReddy Bali Reddy College of Engineering	5	5	5	YES	YES	YES	
sarabu.neelima@gmail.com	Dr. Sanagavarapu Neelima	Priyadarshini Institute of Science and Technolog for Women	4	4	4	YES	YES	YES	no
nanch_bn@yahoo.com	Dr.B.Nancharaiah	Usha Rama College of Engineering and Technology	5	4	5	YES	YES	YES	Informative sessions
nakkathiru@gmail.com	Dr.N.Thirupathi Rao	Vignan's Institute of Information Technology(A)	5	5	5	YES	YES	YES	
srinuvasu.mutti@gmail.com	MUTTIPATI APPALA SRINUVASU	Raghu Institute of Technology	5	5	5	YES	YES	YES	Good Sessions
manthan.lit@laxmi.edu.in	Manthan Surti	Laxmi Institute of Technology, Sarigam, Valsad	4	4	4	YES	YES	YES	Good
kanya.hasya9419@gmail.com	LAKKU KANYA KUMARI	ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY	5	5	5	YES	YES	YES	All session was very good and informative.
mdeepthi2012@gmail.com	M MOHANA DEEPTHI	Andhra Loyola Institute of Engineering and Technology	5	5	5	YES	YES	YES	
bslakshmi85@gmail.com	SIVA LAKSHMI BOLEM	VIGNAN'S INSTITUTE OF ENGINEERING FOR WOMEN	4	4	4	YES	YES	YES	
csehemanthkumar@gmail.com	NIMMAGADDA HEMANTH KUMAR	A. A. N. M & V. V. R. S. R polytechnic	5	5	5	YES	YES	YES	
suresh@pvpsiddhartha.ac.in	Suresh Yadlapati	PVP Siddhartha Institute of Technology	5	5	5	YES	YES	YES	
phanikumarsindhe@gmail.com	Sindhe Phani Kumar	PACE Institute of Technology and Sciences	5	5	5	YES	NO	NO	
venkat.chilamkurthi@gmail.com	Dr.V.Sangeeta	Raghu Institute of Technology	5	5	5	YES	YES	YES	
khitcseplacements@gmail.com	LAKSHMIKANTH PALETI	KALLAM HARANADHAREDDY INSTITUTE OF TECHNOLOGY	5	5	5	YES	YES	YES	No suggestions
sridivyadandamudi@gmail.com	SRIDIVYA DANDAMUDI	A.A.N.M & V.V.R.S.R POLYTECHNIC	5	5	5	YES	YES	YES	All sessions are good
pjskumar@gmail.com	Dr. P.J.S.KUMAR	Akkineni Nageswara Rao College	5	5	5	YES	YES	YES	Nothing
priyadarshini@psr.edu.in	Priyadarsini S	P. S. R engineering college	4	5	4	YES	YES	YES	
mkoti.520@gmail.com	Mr. Koteswara Rao Maddala	Narasaraopeta Institute of Technology	5	5	5	YES	YES	YES	Good
mothilal556@gmail.com	TADIPARTHI MOTHILAL	V.K.R., V.N.B. & A.G.K. COLLEGE OF ENGINEERING	5	4	5	YES	YES	YES	Good session
tnarendrababu@gmail.com	NARENDRABABU THUMATI	Jntuk	5	5	5	YES	YES	YES	
naveenvipparla@gmail.com	VIPPARLA Naveen kumar	Bapatla engineering college	5	5	5	YES	YES	YES	Everything vis fine
pujitha303@gmail.com	Pujitha j	Siiet	5	5	5	YES	YES	YES	
maneesha.gudapati@gmail.com	Gudapati Maneesha	Dhanekula INSTITUTE of Engineering and TECHNOLOGY	4	5	5	YES	YES	YES	
srikakulapubhakar@gmail.com	Srikakulapu Subhakar	Gudlavalleru engineering college	5	5	4	YES	YES	YES	
sekhardasari@stmarysgroup.com	DASARI SEKHAR BABU	ST.MARYS GROUP OF INSTITUTIONS GUNTUR	5	5	5	YES	YES	YES	Nice
PARDHASARADHICHEBROLU@STMARYSGROUP.COM	CH PARDHA SARADHI	ST. MARY'S GROUP OF INSTITUTIONS GUNTUR	5	5	5	YES	YES	YES	Nice sessions. Very helpful
satyala1976@gmail.com	Dr Satyala .Narayana	gudlavalleru engineering college	4	4	4	YES	YES	YES	
nimmagaddakalyani33@gmail.com	Gorripati kalyani	Aanm&vvrsr polytechnic , gudlavlleru	5	5	5	YES	YES	YES	nice





# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation To JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, GUDLAVALLERU  
Krishna District ,Andhra Pradesh, PIN-521356

DEPARTMENT OF INFORMATION TECHNOLOGY

EXPENDITURE STATEMENT FOR  
ATAL SPONSORED FDP ON **DATA SCIENCES** (19-01-2021 TO 23-01-2021)

S.NO	ITEM DESCRIPTION	AMOUNT(Rs)
1	HONORARIUM FOR HEAD OF THE INSTITUTION	10000
2	HONORARIUM FOR COORDINATOR (Rs 2000/- per day)	10000
3	HONORARIUM FOR EXPERTS (Rs 3000/- per session for total 14 session)	42000
4	PAYMENT TO LAB ATTENDANT	1000
5	INSTITUTIONAL CHARGES	15000
6	MISCELLANEOUS CHARGES	
	i) Assistant Coordinator Payment	5000
	ii) Brochures ,Banners & Design ,printing charges	1000
	iii )Stationery A4 paper bundles	340
	iv) Inaugural function - Gariand, bouquets	450
	v) Brochure covers	60
	vi) Head sets for (organizers)	400
	vii) Photos printing charges	525
	viii) Lightening the Lamp arrangements	225
	ix) Proceeding Book design and printing charges	7000
TOTAL EXPENDITURE (Rs)		<b>93000</b>

Amount sanctioned and granted by AICTE : Rs 93,000/-

Amount spent to complete the FDP : Rs 93,000/-

Balance Amount to be sent/receive from AICTE : Rs 0.00/-

  
Dr.CH.KAVITHA  
Coordinator, Professor & HOD  
Department of I.T

**Dr. CH. KAVITHA**  
Professor & Head,  
Dept. of Information Technology  
Gudlalleru Engineering College  
Seshadri Rao Knowledge Village,  
GUDLAVALLERU - 521 356.



# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, GUDLAVALLERU-521 356, Krishna District, A.P., India

(Approved by AICTE, New Delhi and Permitted by A.P. State Government)

Accredited by NAAC with 'A' Grade

Phone Nos. 08674-273737, 273888, Mobile: +91 9848779121 Fax No. 08674-273957

e-mail: principal@gecgudlavalleru.ac.in, office@gecgudlavalleru.ac.in, Web: www.gecgudlavalleru.ac.in

**Dr. G. V. S. N. R. V. PRASAD**

M.S., M.Tech., Ph.D.,

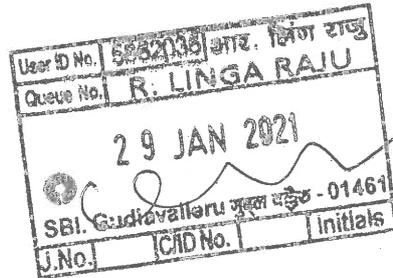
MISTE, MIETE, MIE, MCSI, MISRS, MIAPR, MCRSI

**Principal**

GEC/ACCTS/2021/38

29<sup>th</sup> January, 2021

To  
The Branch Manager,  
State Bank of India,  
GUDLAVALLERU.



Sir,

Sub: Request for transfer amount to their respective accounts - Reg.

Ref: Our Cheque No: 265327 dated 29.01.2021 for Rs. 62,000.00/-

\*\*\* \*\*

We are enclosing herewith a yourself cheque bearing No. 265327 dated 29.01.2021 For Rs. 62,000.00/- I request you to please transfers amount to their individual account details given below.

S.No.	Name	BANK	SBI Account Number	Amount RS.
1	GUTTA V S N R V PRASAD	SBI	11588365766	10000.00
2	CHADUVULA KAVITHA	SBI	11588361217	10000.00
3	YEDLAPALLI KASI VISWANADHAM	SBI	11588390191	5,000.00
4	NAGA SATISH POLAGANI	SBI	30768016855	1,000.00
5	GUDLAVALLERU ENGINEERING COLLEGE	SBI	11588342852	15000.00
6	KVSG MURALI KRISHNA	SBI	10145163705	3000.00
7	ANNAVARAPU CHANDRA SEKHARA RAO	SBI	20070960128	3000.00
8	G.JAYA SUMA	SBI	62267549217	6000.00
9	T. RAMAKRISHNUDU	SBI	62013810410	6000.00
10	K SHAHU CHATRAPATI	SBI	30001485729	3000.00
			<b>TOTAL RS.</b>	<b>62,000.00</b>

Head no  
①  
②  
③.1  
④  
⑤  
③.1  
③.2  
③.3  
③.4  
③.5

Thanking you,

Yours faithfully,

PRINCIPAL

PRINCIPAL

Encl: As above  
Copy to Accounts file

Date : 31-12-2020

To  
The principal,  
Gudlavalleru Engineering college,  
Gudlavalleru

From  
Dr.Ch.Kavitha  
Coordinator  
ATAL FDP on Data Sciences

Sir,

Sub: Requisition to utilize the amount of Rs. 93000/- sanctioned by AICTE to conduct FDP-reg.

This is to bring to your kind notice that the AICTE has transferred an amount of RS.93000/- into our college account (No: 35339035882) on 24<sup>th</sup> December 2020. The FDP has been scheduled from 19<sup>th</sup> -23<sup>rd</sup> January 2021. The sanction letter was also received through the mail. So, I request you to kindly permit me to utilize the amount to conduct the FDP in the above mentioned dates.

Thanking you sir,

Submitted to principal for  
consideration  
M Kavitha  
31/12/2020

Yours sincerely



Ch.Kavitha

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GK

# GUDLAVALLERU ENGINEERING COLLEGE

(Autonomous)

Seshadrirao Knowledge Village:: Gudlavalleru

Department of Information Technology

ATAL sponsored National Level Five Day Online FDP on "Data Sciences"

From

6<sup>th</sup> January 2021

Dr. Ch.Kavitha,  
Coordinator, ATAL FDP on Data Sciences  
Department of Information Technology  
Gudlavalleru Engineering College  
Gudlavalleru.

To

The Principal,  
Gudlavalleru Engineering College,  
Gudlavalleru.

Sir,

Sub: Request to provide an advance amount - Reg.

This is to bring to your kind notice that an amount of Rs.93000/- was credited to the Principal's account with the no: 35339035882 by AICTE-ATAL Academy to conduct FDP on DATA SCIENCES. As a part of making the arrangements to conduct the FDP, an amount of Rs.5000/- is required. So, I request you to kindly provide an amount of Rs. 5000/- (Five thousand rupees) as an advance in the form of cash.

Thanking you Sir,

Yours faithfully,

(Dr. Ch.Kavitha)

To OS/NA

Kavitha  
06/01/2021



6/1/21





## All India Council for Technical Education

(A Statutory body under Ministry of HED, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi.

110070 Website: [www.aicte.india.org](http://www.aicte.india.org)



AICTE Training and Learning (ATAL) Academy, (Online FDP)

Date:

F. No. 01 /AICTE/ATAL-HQ/2020-21

To

THE PRINCIPAL / DIRECTOR,  
GUDLAVALLERU ENGINEERING COLLEGE,  
SESHADRI RAO KNOWLEDGE (V), GUDLAVALLERU, KRISHNA DISTRICT,  
ANDHRA PRADESH -521356.  
CH KAVITHA (coordinator).

**Sub: Release of a sum of Rs 93,000 /- for AICTE Training and Learning (ATAL) Academy programme Online FDP of Nine Thrust Areas and Other Emerging Areas.**

Sir,

This is to convey the sanction of the Council for payment of Rs. 93,000 /- (Rupees Ninety –Three Thousand Only) for conduct of online AICTE Training And Learning (ATAL) Academy Programme Data Sciences to GUDLAVALLERU ENGINEERING COLLEGE, under AICTE Training And Learning (ATAL) Academy.

This fund is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

### The instructions/guidelines to be followed by University/Institution

#### I. Release of funds and maintenance of accounts

- The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure.
- The cost for conducting per programme will be Rs. 93,000/- as per detail given as under:

1.	Honorarium for Director	Rs. 10,000/-
2.	Honorarium to Co-ordinator Rs.2000/- per day x 5 days	Rs. 10,000/-
3.	Honorarium for experts (Rs.3000 per session for total 14 session)	Rs. 42,000/-
4.	Provision for payment to Lab Attendant engaged during lab practices	Rs. 1000/-
5.	Institutional charges	Rs. 15,000/-
6.	Miscellaneous charges	Rs. 15,000/-
	<b>TOTAL =</b>	<b>Rs. 93,000/-</b>

Programmes having permission to change amounts under different heads with overall ceiling of Rs 0.93 lakh being intact.

- The grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma to be submitted by the University/College/Institution. Further, the accounts of the institute will be open for test check by the Council or Controller & Auditor General of India or any other officer designated by them.

#### II. Disbursement of funds to institutions

The full amount of the grant sanctioned will be released as an advance to the University/Institute through electronic transfer on the account of the University/Institute after submission of mandate form

AS



# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, GUDLAVALLERU-521 356, Krishna District, A.P., India

(Approved by AICTE, New Delhi and Permitted by A.P. State Government)

Accredited by NAAC with 'A' Grade

NBA Accreditation: B.Tech - CSE for 5 Years and CE, EEE, ME, ECE & IT for 3 Years

Phone Nos. 08674-273737, 273888, Mobile: 9848779121 Fax No. 08674-273957

E-mail: principal@gecgudlavalleru.ac.in, office@gecgudlavalleru.ac.in, Web: www.gecgudlavalleru.ac.in

## AICTE Training And Learning(ATAL) Academy Programme

### STATEMENT OF EXPENDITURE

AICTE File No. : 01/AICTE/ATAL-HQ/2020-21/1052(15)

Title of the Programme : ATAL FDP on DATA SCIENCES

Name of the Coordinator : Dr.Ch.Kavitha

Sanction No. and Date	Grant Sanctioned	Details of expenditure Incurred Item wise	Amount Rs. (in each head)	No. of Participants	Duration of the Programme (with dates)
01/AICTE/ATAL-HQ/2020-21/1052(15) Date : 22-12-2021	Rs 93,000.00	1. Honorarium for Head of Institution.	10,000.00	200	Five Days 19-01-2021 to 23-01-2021
		2. Honorarium to Coordinator Rs.2000/- per day x 5 days	10,000.00		
		3. Honorarium for experts (Rs.3000 per session for total 14 sessions).	42,000.00		
		4. Payment to Lab Attendant	1,000.00		
		5. Institutional charges	15,000.00		
		6. Miscellaneous charges	15,000.00		
		Total	93,000.00		
		Grant Received	93,000.00		
Balance to be Received	0.00				

(1) Dr.CH.KAVITHA  
Name and Signature of Coordinator  
with Seal

**Dr. CH. KAVITHA**

Professor & Head,

Dept. of Information Technology,  
Gudlavalleru Engineering College,  
Seshadri Rao Knowledge Village,  
GUDLAVALLERU - 521 356.



(2) Dr.G.V.S.N.R.V.PRASAD PRINCIPAL  
Name and Signature of Head of Institution  
GUDLAVALLERU-521356

Signature of Chartered Accountant:

Name of Chartered Accountant:

Membership No:

Rubber stamp:

Full Address:

Date: 10/02/21

For KOTA SAI KRISHNA & ASSOCIATES  
CHARTERED ACCOUNTANTS  
Firm Reg. No : 0175085

K. Sai Krishna  
(KOTA SAI KRISHNA)



(Sponsored by A.A.N.M. & V.V.R.S.R. Educational Society, Gudlavalleru)



# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, GUDLAVALLERU-521 356, Krishna District, A.P., India

(Approved by AICTE, New Delhi and Permitted by A.P. State Government)

Accredited by NAAC with 'A' Grade

NBA Accreditation: B.Tech - CSE for 5 Years and CE, EEE, ME, ECE & IT for 3 Years

Phone Nos. 08674-273737, 273888, Mobile: 9848779121 Fax No. 08674-273957

E-mail: principal@gecgudlavalleru.ac.in, office@gecgudlavalleru.ac.in, Web: www.gecgudlavalleru.ac.in

## UTILIZATION CERTIFICATE FOR THE FINANCIAL YEAR 2020-21

### AICTE Training And Learning(ATAL) Academy Programme

AICTE File No. : 01/AICTE/ATAL-HQ/2020-21/1052(15)  
 Name of Coordinator : Dr.Ch.Kavitha  
 Dates of the Programme : 19-01-2021 to 23-01-2021 (Five Days)  
 Title of the ATAL Programme : DATA SCIENCES

Sl. No.	AICTE Sanction Order/Letter No. & Date under which grant was sanctioned	Amount (Rs.)	
1.	01/AICTE/ATAL-HQ/2020-21/1052(15)  Date : 22-12-2020	93,000.00	Certified that out of the grant-in-aid of Rs. 93,000/- (Rupees Ninety Three Thousand only) sanctioned by the AICTE during the financial year 2020-221 in favor of GUDLAVALLERU ENGINEERING COLLEGE as per letter mentioned in the margin, Rs.93,000/- on account of unspent balance of previous year, Rs. 0.00/- on account of other income / receipts, a sum of Rs.93,000.00 has been utilized for the purpose for which it was sanctioned and the balance of Rs.0.00/- remained unutilized at the end of the year.

Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

#### Kinds of checks exercised: -

Audited Annual Accounts of the Institute, Receipt and Payment account, Periodical Progress Reports.

(1). Name, Signature & Address of the Coordinator with seal:

Dr.Ch.Kavitha

Coordinator, Professor & HOD, Department of I.T

**Dr. CH. KAVITHA**

Professor & Head,

Dept. of Information Technology,  
Gudlavalleru Engineering College,  
Seshadri Rao Knowledge Village,  
GUDLAVALLERU - 521 356.



2). Signature of Chartered Accountant:

For KOTA SAIRAM & ASSOCIATES  
 CHARTERED ACCOUNTANTS  
 Firm Reg. No. 0175685  
 Date: 10/02/21  
 K. Sai (KOTA SAI KRISHNA)  
 Proprietor  
 Membership No. 228445

(3). Signature of Head of the Institute:

Dr.G.V.S.N.R.V.PRASAD

Principal, Gudlavalleru Engineering College.

Date: PRINCIPAL

Gudlavalleru Engineering College

# GUDLAVALLERU ENGINEERING COLLEGE

(Autonomous)

Seshadrirao Knowledge Village:: Gudlavalleru

## Department of Information Technology

### ATAL sponsored National Level Five Day Online FDP on "Data Sciences"

31<sup>st</sup> December 2020.

From

Dr. Ch.Kavitha,  
Coordinator, ATAL FDP on Data Sciences  
Department of Information Technology  
Gudlavalleru Engineering College  
Gudlavalleru.

To

The Principal,  
Gudlavalleru Engineering College,  
Gudlavalleru.

Sir,

Sub: Request to transfer an amount of Rs. 1000/- towards Banner and Brochure - Reg.

This is to bring to your kind notice that an amount of Rs.93000/- was credited to the Principal's account with the no: 35339035882 by AICTE to conduct . As a part of making the arrangements to conduct the FDP, I request you to kindly transfer an amount of Rs. 1000/- (One thousand rupees) towards expenses for Brochure and Banner Printing in connection with ATAL FDP on "Data Science" to the following account.

<b>Account Name</b>	:	<b>IMAGECOMPUTERS</b>
<b>Account Number</b>	:	<b>32490856361</b>
<b>Bank Name &amp; Branch</b>	:	<b>SBI, GUDIVADA</b>
<b>IFS Code</b>	:	<b>SBIN0000841</b>

Thanking you Sir,

Yours faithfully,



(Dr. Ch.Kavitha)

No:ATAL/2021/1609835215



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION  
Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

**AICTE Training And Learning (ATAL) Academy**

**Certificate**

This is certified that **Renugadevi**, Assistant Professor of Government college of Engineering participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Data Sciences" from 2021-1-19 to 2021-1-23 at **GUDLAVALLERU ENGINEERING COLLEGE**.

Director ATAL Academies



Coordinator

No:ATAL/2020/1606414651



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

**AICTE Training And Learning (ATAL) Academy**

**Certificate**

This is certified that **ANITHA RANI PALAKAYALA**, Assistant Professor of **ST.MARY'S GROUP OF INSTITUTIONS GUNTUR** participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Data Sciences" from 2021-1-19 to 2021-1-23 at **GUDLAVALLERU ENGINEERING COLLEGE**.

Director ATAL Academies



Coordinator

2020-21

## **“LINEAR ALGEBRA & ITS APPLICATIONS”**

Dr. 19-10-2020  
Gudlavalluru

From  
Dr. G.S. Bhaskara Rao  
Professor and HOD of BS&IT Dept.  
Gudlavalluru Engineering College,  
Seshadri Rao Knowledge Village,  
Gudlavalluru-521356.

To  
The principal  
Gudlavalluru Engineering College,  
Seshadri Rao Knowledge Village,  
Gudlavalluru-521356.

\*\*\*\*\*Through Proper Channel\*\*\*\*\*

Sub: Workshop on Linear Algebra – Proposal - Request- Regd.

@@@

You are well aware that our college recently obtained two new branches AI-DS and IOT.

As per BOS members advice we introduced two Mathematics courses in1-1 of AI-DS course of which one of the course is LINEAR ALGEBRA where many of its applications are seen in the subjects of AI-DS course.

Even though many of mathematics faculty have studied it in their M.Sc course but long ago. So we decided to have revision of the concepts.

We decided to have a workshop on linear algebra and it's applications. For this I enquired and came to know that Sri. Arindama Singh, Professor, IIT, Madras is expert in this field.

So I contacted him, He has agreed to act as resource person for linear algebra workshop.

He has agreed to deliver lectures on 31<sup>st</sup> October and November 1<sup>st</sup>. For this guest lectures, we have to pay Rs. 16000 as honorarium to Sri Arindama Singh.

With your kind permission this workshop may be extended to other Engineering Colleges through zoom. We propose not to collect any fee from participants and e-certificate may be issued. I request u to issue suitable instructions to concerned authorities to provide technical support for this workshop.

Thanking you sir,

Yours faithfully

G. S. Bhaskara Rao  
(Dr. G.S. Bhaskara Rao)

*Seen and ok by principal for consideration*

*APR 19 2021*  
*20/10/20*

**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshubi Rao Knowledge Village, Gudlavallera

Proposal to Organize FDP/SDP

Date: 20-10-2020

From  
The HoD,  
Department of BASIC SCIENCES and HUMANITIES,  
Gudlavallera Engineering College,  
GUDLAVALLERU

To  
The Principal  
Gudlavallera Engineering College,  
GUDLAVALLERU

Letter No: GEC/BSH/FDP/SDP/2020-2021/

Program : FDP / SDP  
Event : Workshop/Guest Lecture/Seminars/Conference.  
Name of the Event : Workshop on "LINEAR ALGEBRA AND ITS APPLICATIONS"  
No. of Days : 2  
Duration : 31-10-2020 AND 1-11-2020  
(Dates)  
Targeted Audience : Student/Faculty/Technical Supporting Staff  
If Students  
Year : I / II / III / IV B.Tech / M.Tech  
Expected

No. of Participants	External	Internal
	20	12

Co-ordinator(s) : Sri  
Name : Sri N. Syam Prasad, Sri K. Kishori Kumar  
Designation : Asst. Prof in Mathematics  
Mobile No : 9494759473, 9842117580

Associative Organization if any : -

Resource person(s)

Sl. No	Name	Designation	Organization
1	<u>Prof. ARINDAMA SINGH</u>	<u>Professor</u>	<u>IIT, MADRAS</u>

Brief profile of resource person(s) (if available enclose.)  
Objective(S) of the program : To learn concepts of Linear Algebra and Applications  
Expected outcome : Faculty will be familiarized about Applications of Linear Algebra

Approximate Expected Expenditure Statement

	Rs.
a Honorarium per person/ day/ hour	8000 X 2 = 16000
b Hospitality for Resource persons	
c TA	-
d Banners	-
e Certificates	
f Lunch / Dinner for Participants	
g Snacks for Participants	
h Scribbling pad and pen etc	
i Guest Memento	2,000
j Miscellaneous if any	
Total	18,000

Amount to be Collected from participants :  
No. @ Rs. / participant Rs. - (B)  
Amount sponsored by others if any Rs. - (C)  
(CSI/ISTE/IETE/IEEE/Students Association/etc.)

Budget Sanctioned by the college under FDP/SDP: Rs. 1,00,000  
Budget Spent FDP/SDP (till today) : Rs. NIL  
Balance amount available : Rs. 1,00,000  
Amount requested from the college to meet the expenditure: Rs. 18,000/-  
A-(B+C)

Advance amount Requested to meet the initial expenditure: Rs. 18,000/-  
Kit/ Any other Material given by the Associative Organization: Yes/No  
If yes type of supporting material: -

Approximate cost of material / Kit which is included in the cost collected from the participants: Rs. -

Recommendations of the HoD: May be sanctioned by the college as per college Rules.  
G. S. Bhaskara Rao  
Signature of the HoD:

Recommendations of the Vice Principal -Academics: Submitted by the principal's Conviction  
Signature of the Vice Principal -Academics:

Recommendations of the Principal: [Signature]  
Principal Signature:

I, \_\_\_\_\_ Co-ordinator of the program have received an amount of Rs. \_\_\_\_\_ (in words \_\_\_\_\_) from principal's office as an advance amount to meet the initial expenditure.

Signature of Co-ordinator  
1) [Signature] (N. Syam Prasad)  
2) [Signature] (K. Kishori Kumar)



**Chief Patrons:**

Dr.Nageswara Rao Vallurupalli  
Chairman  
Sri Satyanarayana Rao Vallurupalli  
Secretary & Correspondent  
Sri Rama Krishna Vallurupalli  
Co- Secretary & Correspondent

**Patrons:**

Dr. P.Ravindra Babu,  
Principal

**Co-Patrons:**

Dr.G.V.S.N.R.V.Prasad,  
Vice –Principal Academics  
Dr. B.Karuna Kumar,  
Vice –Principal Administration

❖ **Inauguration:**  
31<sup>st</sup> October 2020 at 9.30 A.M.

❖ **Valedictory :**  
1<sup>st</sup> November 2020 at 4.15 P.M.

❖ **No Registration Fee.**

❖ **E-certificate will be issued.**

❖ **Webinar will be conducted  
in Microsoft Teams**

*Resource Person*

**Prof. Arindama Singh**

**IIT MADRAS**

**Convener : Dr. G.S.Bhaskara Rao**  
Professor & HOD  
**[9866369084]**

**Co-Conveners :**  
Mr. N.Syam Prasad, Asst. Professor  
**[9494759473]**

Mr. K.Kranthi Kumar, Asst. Professor  
**[9848117580]**



**TWO-DAY NATIONAL WEBINAR**  
ON

**“LINEAR ALGEBRA  
&  
ITS APPLICATIONS”**

**[ 31<sup>st</sup> October, 2020 & 1<sup>st</sup> November, 2020]**

Morning Session : 10.00 AM – 12.00 Noon  
Afternoon Session : 02.00PM - 04.00 PM



Organized by

Department of Basic Sciences & Humanities

**GUDLAVALLERU ENGINEERING COLLEGE**

An Autonomous Institute under JNTUK, Kakinada

(Sponsored by AANM & VVRSR Educational Society)

Seshadri Rao Knowledge Village,  
Gudlavalleru – 521 356,  
Krishna District, A.P.

Registrations Link :: <https://forms.gle/DwC61yhf4pPmL3nm9>

**Last date :: 30<sup>th</sup> October, 2020**



## INVITATION



Department of  
Basic Sciences and Humanities

Cordially invites you  
To

TWO - DAY WEBINAR

On

*"Linear Algebra & Its Applications"*

**Resource Person**

*Prof. Arindama Singh, IIT Madras*

\*\*\*

31<sup>st</sup> October 2020 – 1st November 2020

Convener : Dr. G.S.Bhaskara Rao, Professor & HOD

Co-Conveners :

Mr. N.Syam Prasad, Asst. Professor

Mr. K.Kranthi Kumar, Asst. Professor

Organized by

Department of Basic Sciences and Humanities

GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village,

GUDLAVALLERU-521356, Krishna District,

Andhra Pradesh







Transaction Successful  
03:26 PM on 02 Nov 2020

Transaction ID

P2011021526381658810608

Paid to



prof IIT MADRAS  
XXXXXXXX3437  
State Bank of India

₹16,000

Debited from



\*\*\*\*\*4292

₹16,000

UTR:030714257922



Money sitting idle in your bank account?

Move it to Liquid Funds and give it a chance to grow >

Message

Honorarium

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## GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru – 521 356, Krishna District

### RECEIPT

Received an amount of **Rs. 16,000/-** (in words) **Sixteen Thousand Rupees** only for the National Webinar on “**Linear Algebra & Its Applications**” held in between **31st October 2020 – 1st November 2020** for acting as resource person.

Receiver's Name & Signature:

Prof. Arindama Singh,  
IIT Madras

**GUDLAVALLERU ENGINEERING COLLEGE**  
Seshadri Rao Knowledge Village, GUDLAVALLERU

From  
The HoD  
Department of BS&H  
Gudlavalluru Engineering College,  
GUDLAVALLERU

To  
The Principal  
Gudlavalluru Engineering College,  
GUDLAVALLERU

**UTILIZATION CERTIFICATE**

Ref Letter No : GEC/BSH/FDP/SDP/2020-21  
Dated : 19.10.20  
Name of the event : Two day National Webinar on 'Linear algebra & its applications  
No. of Days : 02 (Two days)  
Duration : 2+2+2+2 = 8 hours  
No. of Participants participated : Internal 14 External 60  
Actual Expenditure:

Sl. No	Requested (As per Request letter)	Spent(Actual expenditure)
a	Honorarium per person/ day/ per hour <u>800/- x 2</u>	<u>16,000/-</u>
b	Hospitality for Resource persons	-
c	TA	-
d	Banners	-
e	Certificates	-
f	Lunch / Dinner for Participants	-
g	Snacks for Participants	-
h	Scribbling pad and pen etc	-
i	Guest Memento	-
j	Miscellaneous if any	-
Total		<u>Rs. 16,000/-</u> (A)

Amount paid to the associative organization : Rs. — (B)  
Total Expenditure (A+B) : Rs. 16,000/-  
Amount sponsored by others if any (CSU/ISTE/IETE/IEEE/Students Association etc.) : Rs. — (C)  
Amount Collected from participants : No — @ Rs. — / head Rs. — (D)  
Advance Amount drawn from the Office : Rs. 18,000/- (E)  
Amount due from the college/ to be returned to the college: Rs. 02,000/-  
(A+B) - (C+D+E) / (C+D+E) - (A+B)

Feedback Taken :  Yes  No  
Participants Opinion : Appreciated the organization for conducting the webinar.  
Remarks of the Organizer/ Coordinator

Signature  
Remarks of the HoD : The webinar conducted in a smooth manner and was found successful.  
G. S. Bhaskar Rao  
Signature

Remarks of the Vice Principal Academic: I submitted to the principal for consideration.  
Signature

N. Syamprasad Coordinator of the program has returned/received the balance amount of Rs. 2,000/- (in words Two thousand) from/To The Principal's office.

Receivers signature  
N. Syamprasad (Co-coordinator)  
Principal

Enclosed: Proposal submitted

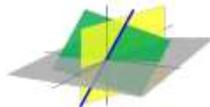


# Gudlavalluru Engineering College

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, GUDLAVALLERU - 521 356, Krishna District, A.P., India  
(Approved by AICTE, New Delhi and Permitted by AP State Government)  
Accredited by NAAC with 'A' Grade



## Certificate of Participation



This is to certify that

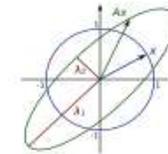
**Dr. GOVINDARAO TANGUDU**

of *Gudlavalluru Engineering College*

has participated in *Two day National Webinar on*  
"LINEAR ALGEBRA AND ITS APPLICATIONS"

Organized by

Department of Basic Sciences and Humanities  
Gudlavalluru Engineering College, Gudlavalluru  
From 31.10.2020 to 01.11.2020



Dr. G.S. Bhaskara Rao  
Convener

Dr. P. Ravindra Babu  
Principal

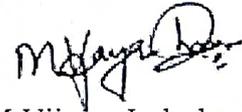
# **GUDLAVALLERU ENGINEERING COLLEGE**

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru – 521356, Krishna District (A.P.)

## **CIRCULAR**

28 November 2020

It is to inform that the Department of English & ELT Centre is organizing a workshop on “*Writing for Scholarly Publication*” on *04 & 07 December 2020* at the **ELT Training Hall**.



(Dr M Vijaya Lakshmi)  
HoD, English

**Copy to:**

**All Notice Boards**

**HoDs – CE/EEE/ME/ECE/CSE/IT/AIDS/IOT/BS&H/Eng/MBA/T&P/Ex.Br./Lib/P.Ed/Office**

**GUDLAVALLERU ENGINEERING COLLEGE**  
Seshadri Rao Knowledge Village, GUDLAVALLERU

Proposal to Organize FDP/SDP

Date: 02.12.2020

From  
The HoD  
Department of English  
Gudlavalleru Engineering College,  
GUDLAVALLERU

To  
The Principal  
Gudlavalleru Engineering College,  
GUDLAVALLERU

Letter No: GEC/English/FDP/2020-21

Program : FDP  
Event : Workshop  
Name of the Event : Writing for Scholarly Publication  
No. of Days : 02  
Duration : 04 & 07 December 2020

(Dates)

Targeted Audience : Faculty of English  
If Students :  
Year : -

Expected

No. of Participants :

External	Internal
0	09

Co-ordinator(s) : 01

Name : Dr M Vijaya Lakshmi

Designation : Associate Professor

Mobile No : 9989622811

Associative Organization if any :-

Resource person(s) :

Sl. No	Name	Designation	Organization
01	<b>Dr Ramanujam Parthasarathy</b>	Senior Professor & Director, ELTC	GEC

Brief profile of resource person(s) (if available enclose.)

Objective(S) of the program :

Expected outcome :

### Approximate Expected Expenditure Statement

		Rs.
a	Honorarium per person/ day/ hour	
b	Hospitality for Resource persons	-
c	TA	100
d	Banners	-
e	Certificates	-
f	Lunch / Dinner for Participants	270
g	Snacks for Participants	-
h	Folders, Scribbling pads and pens etc	600
i	Guest Memento	750
j	Workshop Materials & Miscellaneous if any	-
	<b>Total</b>	<b>500</b>
	Amount to be collected from participants :	Rs. 2,220/-

No. \_\_\_\_\_ @ Rs. \_\_\_\_\_ / participant Rs.: 0

Amount sponsored by others if any (CSI/ISTE/IETE/IEEE/Students Association/etc.) Rs.: 0

Budget Sanctioned by the college under FDP/SDP : Rs.: 50000

Budget Spent FDP/SDP (till today) : Rs.: 10000

Balance amount available : Rs.: 40000

Amount requested from the college to meet the expenditure : Rs.: 2,220/-

A-(B+C)

Advance amount Requested to meet the initial expenditure : Rs.: 2000/-

Kit/ Any other Material given by the Associative Organization : No

If yes type of supporting material :-

Approximate cost of material / Kit

which is included in the cost collected from the participants :Rs.-

Recommendations of the HoD Recommended to sanction Rs. 2200/- by

Signature of the HoD

Recommendations of the Vice - Principal Academics: submitted to principal for consideration

Signature of the Vice - Principal Academics

Recommendations of the Principal Approved

Signature of the Principal

I, Dr. M. Vijaya Lakshmi, Coordinator of the program have received an amount of Rs. \_\_\_\_\_ (in words \_\_\_\_\_) from the principal's office as an advance amount to meet the Initial expenditure.

Signature of the Coordinator

18 November 2020

## Proposal for a 2-day workshop on WRITING FOR SCHOLARLY PUBLICATION

### WORKSHOP OBJECTIVE

The purpose of this workshop is to demystify the journal article.

For college and university teachers, career advancement is predicated on publishing research in their field, so much so that 'publish or perish' has become almost axiomatic in higher education. Some institutions even insist that publishing in high-impact, peer-reviewed international journals is a pre-requisite for promotion. In progressive educational systems, graduate students themselves are taught through courses and year-long seminars how to conduct research and write publishable papers. But, in India, there is no such institutional support worthy of notice. Even the research methodology courses offered in our universities are so fuzzy, blurred and ritualistic that they do not help research scholars much in acquiring the skills necessary for conducting impactful research and disseminating it efficiently. This is especially so in English language studies. As a result, the process (of doing research and getting published) is traumatic not just for novice teachers but even experienced ones. Teachers with a thirst for knowledge and a positive attitude consider it an obligation to participate in the global web of scholarship, and they somehow acquire research and publishing skills through their own initiative, but such teachers are few and far between. There should, therefore, be an institutional mechanism to equip teachers with research skills and the competence required for writing publishable papers. It is to meet this long-felt need that this workshop, intended to be the first in a series of such workshops, is being proposed with a specialist who has considerable experience in research writing and who is a review editor for five reputable international journals as the resource person.

### WORKSHOP DYNAMICS

At the workshop, the participants will be apprenticed, as it were, into the knowledge constructing practices of the discipline of English language studies and the processes involved in negotiating with the community of scholars and gatekeepers of scholarly journals, enabling thereby, to the extent possible, the competence and skills required for research publishing. This cannot be achieved through a series of talks. Most of the sessions will, therefore, be truly workshop sessions in which the participants will be required to reflect on the inputs provided by the facilitator either individually or in pairs, carry out the tasks set, and present the results.

### WORKSHOP PARTICIPANTS

The faculty members of the Department of English, Gudlavalleru Engineering College

## WORKSHOP FACILITATOR

Dr P Ramanujam, Senior Professor of English, and Director, ELT Centre, Gudlavalleru Engineering College

## WORKSHOP DATES

04 & 07 December 2020

## WORKSHOP VENUE

ELT Centre Training Hall, Gudlavalleru Engineering College

## WORKSHOP OFFICIALS

### Convener

Dr B Karuna Kumar, Advisor (Admn), ELT Centre, & Head, Department of English, GEC

### Organizing Secretary

Mr G Raja Kumar, Secretary and Treasurer, ELT Centre, & Assistant Professor of English, GEC

### Coordinator

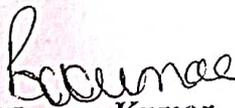
Dr M Vijaya Lakshmi, Chief Training Coordinator, ELT Centre, & Associate Professor of English, GEC

### Organizing Committee Members

1. Mr J Jaya Prakash, Joint Secretary, ELT Centre, & Assistant Professor of English, GEC
2. Mr P Paul Francis, Assistant Training Coordinator – 1, ELT Centre, & Assistant Professor of English, GEC
3. Mr Ch Murali Krishna, Assistant Training Coordinator – 2, & Assistant Professor of English, GEC
4. Mr P Raj Kiran, Chief Project Coordinator, ELTC Librarian, & Assistant Professor of English, GEC
5. Mr B Nagaraju, Assistant Project Coordinator – 1, Associate Librarian, ELT Centre, & Assistant Professor of English, GEC
6. Mr Ch Nagarjuna, Assistant Project Coordinator – 2, & Assistant Professors of English, GEC
7. Mr P Rajesh, Assistant Librarian, ELT Centre, & Assistant Professor of English, GEC

### Workshop Budget

Attached in the prescribed format



Dr B Karuna Kumar  
Advisor (Admn), ELT Centre, &  
Head, Department of English



Dr P Ramanujam  
Senior Professor of English &  
Director, ELT Centre

*Faculty Development Programme on  
2-day workshop on Writing for Scholarly Publication*

*on*

*04 & 07 December 2020*

*at 10.00 am*

*at the ELT Centre Training Hall*

*Dr P Ravindra Babu*

*Principal, Gudlavalleru Engineering College*

*inaugurates the workshop.*

*Dr G V S N R V Prasad*

*Vice-Principal (Academics), Gudlavalleru Engineering College*

*Dr B Karuna Kumar*

*Vice-Principal (Administration), Gudlavalleru Engineering College*

*and*

*Dr S R K Reddy*

*Adviser to the Management, AANM & VVRSR Educational Society*

*give their messages.*

*Dr Ramanujam Parthasarathy*

*Director, ELT Centre*

*facilitates the workshop.*

**Dr M Vijaya Lakshmi**  
Convener, HoD  
English

**Faculty Development Programme on  
Writing for Scholarly Publication**

*(04 & 07 December 2020)*

**INAUGURATION**

**Date: 04 December 2020, Time: 10 am**

**Venue: ELTC Training Hall**

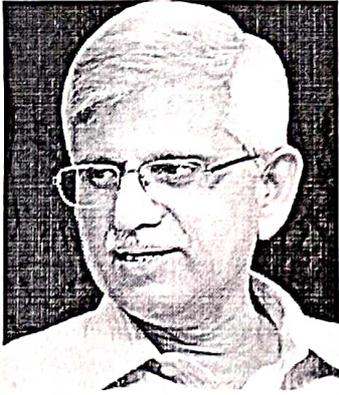
**PROGRAMME**

- 10.00 am – 10.02 am: Inviting the guests onto the dais
- 10.02 am – 10.04 am: Prayer
- 10.04 am – 10.06 am: Welcome address  
*Dr M Vijaya Lakshmi, Convener*
- 10.06 am – 10.08 am: Message  
*Dr B Karuna Kumar, Vice-Principal (Administration)*
- 10.08 am – 10.10 am: Message  
*Dr S R K Reddy, Advisor to the Management*
- 10.10 am – 10.12 am: Presenting the Facilitator  
*Mr J Jaya Prakash, Assistant Professor of English*
- 10.12 am – 10.14 am: Facilitator's Message  
*Dr P Ramanujam, Director, ELT Centre*
- 10.14 am – 10.20 am: Inaugural Address  
*Dr P Ravindra Babu, Principal*
- 10.20 am – 10.24 am: Vote of Thanks  
*Mr P Raj Kiran, Assistant Professor of English*
- 10.24 am – 10.30 am: Tea
- 10.30 am – 12.30pm: Addressing the gathering on *ELT Textbooks*  
– Dr P Ramanujam, Director, ELTC
- 12.30 am – 01.30pm: Lunch
- 1.30pm – 3.30pm: Continued Session

**MASTER OF CEREMONIES**

**Mr Ch Nagarjuna**  
Assistant Professor of English

## Profile of Resource Person



**Dr Ramanujam Parthasarathy** is a teacher of English, teacher educator, researcher, and materials writer. In a career spanning over 38 years of teaching and faculty training, he has taught English as a second language and English literature; conducted over 160 workshops on various aspects of ELT, continuing professional development, exploratory practice and action research; given plenary talks at national and international ELT conferences; and done academic audits.

His research work covers a diverse range of interests within ELT. He has published 22 books, as many research papers, and over 500 feature articles as a freelance writer and a newspaper columnist. Besides, he is on the editorial boards of five international journals. His administrative experience includes: (a) Head of the Dept of English, Dean of Humanities, and Director of the Loyola ELT Centre at Andhra Loyola College; (b) Director (Training) at Vignan University; (c) and Director, ELT Centre, and Senior Professor of English at Gudlavalleru Engineering College.

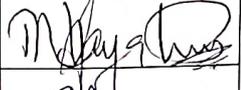
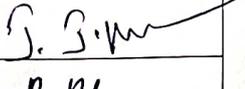
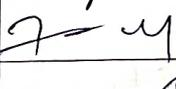
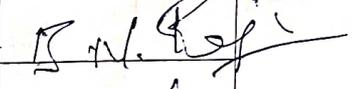
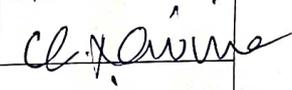
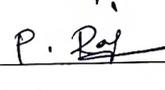
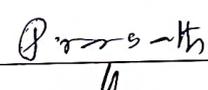
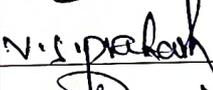
Specialties: Teaching (English Language, Literature, English language Teaching, Journalism, Creative Writing), action research, ELT consultancy, ELT course design, materials writing, freelance writing, teacher professional development, educational administration.

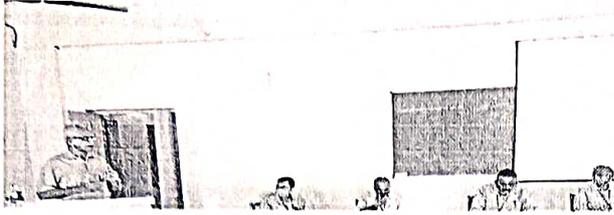
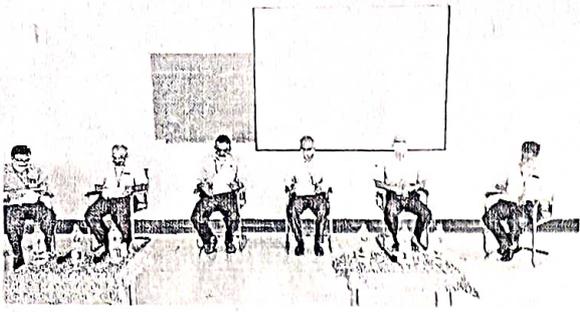
# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru - 521356, Krishna District (A.P.)

## Writing for Scholarly Publication

### Signature Sheet

Sl.No	Name of Faculty	Designation	Signature
1	Dr. N. Vitayalakshmi	Assoc prof	
2	Mr. G. Raga kumar	Asst prof	
3	Mr. T. Jaya prakash	Asst prof	
4	Mr. P. Raj kiran	Asst prof	
5	Mr. P. Paul francis	Asst prof	
6	Mr. K. Nagaraju	Asst prof	
7	Mr. CH. Nagarjuna	Asst prof	
8	Mr. P. Rajesh	Asst prof	
9	Mr. CH. prashanth	Asst prof	
10	Mr. M. Nareesh	Asst prof	
11	Mr. V. Surya prakash	Asst prof	
12	Mr. S. Gopi	Asst prof	



ENGLISH LANGUAGE TEACHING CENTRE



Workshop on

WRITING FOR SCHOLARLY PUBLICATION  
04 & 07 December 2020

## *Certificate*

*This is to certify that*

*Mr P Paul Francis*

*Assistant Professor, Department of English,*

*Gudlavalluru Engineering College,*

*participated in the two-day workshop on*

*'WRITING FOR SCHOLARLY PUBLICATION'*

*held at this Centre on 04 & 07 December 2020.*



**GUDLAVALLERU ENGINEERING COLLEGE**  
(An autonomous college accredited by NAAC with Grade 'A')  
Seshadri Rao Knowledge Village  
Gudlavalluru 521 356  
Krishna District, Andhra Pradesh  
[www.gecgudlavalluru.ac.in](http://www.gecgudlavalluru.ac.in)

Dr B Karuna Kumar  
Convener & HoD, English

Dr P Ramanujam  
Director, ELT Centre

Dr G V S N R V Prasad  
Principal

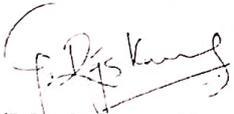
# **GUDLAVALLERU ENGINEERING COLLEGE**

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru – 521356, Krishna District (A.P.)

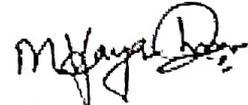
## **CIRCULAR**

25 May 2020

It is to inform that the Department of English & ELT Centre is organizing a workshop on "**Enhancing Pedagogical Skills through Microteaching – Phase III**" on 03 & 06 June 2020 at the **ELT Training Hall**.



(Mr G Raja Kumar)  
Coordinator



(Dr M Vijaya Lakshmi)  
HoD, English

**Copy to:**

**All Notice Boards**

**HoDs – CE/EEE/ME/ECE/CSE/IT/AIDS/IOT/BS&H/Eng/MBA/T&P/Ex.Br./Lib/P.Ed/Office**

*Faculty Development Programme on  
Enhancing Pedagogical Skills through Microteaching - Phase III  
on*

**03 & 06 June 2020**

*at 10.00 am*

*at the ELT Centre Training Hall*

***Dr P Ravindra Babu***

*Principal, Gudlavalleru Engineering College*

*inaugurates the workshop.*

***Dr G V S N R V Prasad***

*Vice-Principal (Academics), Gudlavalleru Engineering College*

***Dr B Karuna Kumar***

*Vice-Principal (Administration), Gudlavalleru Engineering College*

*and*

***Dr S R K Reddy***

*Adviser to the Management, AANM & VVRSR Educational Society*

*give their messages.*

***Dr Ramanujam Parthasarathy***

*Director, ELT Centre*

*facilitates the workshop.*

**Dr M Vijaya Lakshmi**

**Convener, HoD**

**English**

**ENGLISH LANGUAGE TEACHING CENTRE &  
DEPARTMENT OF ENGLISH  
GUDLAVALLERU ENGINEERING COLLEGE**

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**Faculty Development Programme on  
Enhancing Pedagogical Skills through Microteaching – Phase III  
(03 & 06 June 2020)**

Venue: ELT Centre

**PROGRAMME**

**DAY 1 (Wednesday, 03 June 2020)**

09.30 am – 10.00 am	<b>INAUGURATION</b>
10.00 am – 12.00 am	Workshop dynamics: <b>Dr P Ramanujam</b> , Director, ELTC <b>Break for LUNCH</b>
01.30 pm – 02.00 pm	Microlesson 1: <b>Dr M Vijaya Lakshmi</b> Observers: Mr J Jaya Prakash & Mr P Raj Kiran
02.00 pm – 02.30 pm	Microlesson 2: <b>Mr G Raja Kumar</b> Observers: Mr Siva K. Kondragunta & Mr P Paul Francis
02.30 pm – 03.00 pm	Microlesson 3: <b>Mr J Jaya Prakash</b> Observers: Mr G Raja Kumar & Mr B Naga Raju

**DAY 2 (Saturday, 06 June 2020)**

09.15 am – 09.45 am	Microlesson 4: <b>Mr Siva K. Kondragunta</b> Observers: Mr P Raj Kiran & Mr B Naga Raju
09.45 am – 10.15 am	Microlesson 5: <b>Mr P Paul Francis</b> Observers: Dr M Vijaya Lakshmi & Mr J Jaya Prakash
10.15 am – 10.45 am	Microlesson 6: <b>Mr P Raj Kiran</b> Observers: Mr G Raja Kumar & Mr P Paul Francis
<b>Break for Class test II followed by LUNCH</b>	
01.00 pm – 01.30 pm	Microlesson 7: <b>Mr B Naga Raju</b> Observers: Mr Siva K. Kondragunta & Mr P Raj Kiran
01.30 pm – 02.00 pm	Microlesson 5: <b>Mr Ch Nagarjuna</b> Observers: Mr J Jaya Prakash & Dr M Vijaya Lakshmi
02.00 pm – 02.30 pm	Microlesson 6: <b>Mr Ch Murali Krishna</b> Observers: Mr P Paul Francis & Mr Siva K. Kondragunta

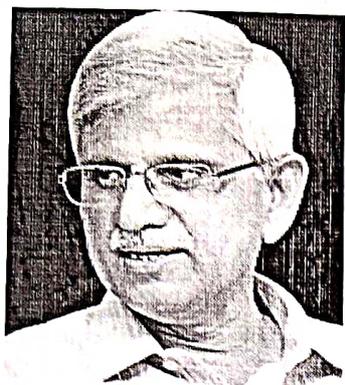
**VALEDICTION**

03.00 pm – 03.30 pm      Closing remarks: **Dr P Ramanujam**, Director, ELTC

Please note that in each microlesson session:

- Dr P Ramanujam will be the mentor; and
- all the teachers other than the one who teaches the lesson and those who play the role of observers will act as students (the peer group).

## Profile of Resource Person

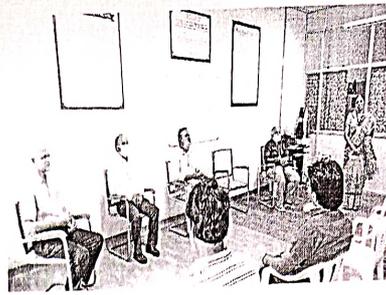
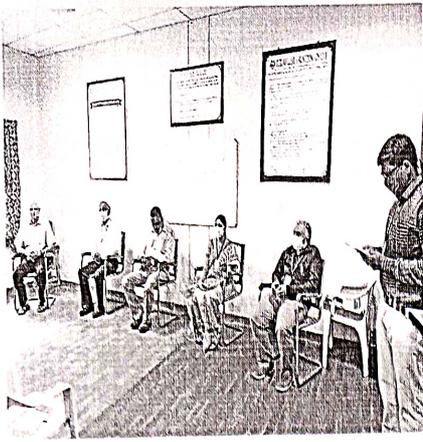


**Dr Ramanujam Parthasarathy** is a teacher of English, teacher educator, researcher, and materials writer. In a career spanning over 38 years of teaching and faculty training, he has taught English as a second language and English literature; conducted over 160 workshops on various aspects of ELT, continuing professional development, exploratory practice and action research; given plenary talks at national and international ELT conferences; and done academic audits.

His research work covers a diverse range of interests within ELT. He has published 22 books, as many research papers, and over 500 feature articles as a freelance writer and a newspaper columnist. Besides, he is on the editorial boards of five international journals. His administrative experience includes: (a) Head of the Dept of English, Dean of Humanities, and Director of the Loyola ELT Centre at Andhra Loyola College; (b) Director (Training) at Vignan University; (c) and Director, ELT Centre, and Senior Professor of English at Gudlavalleru Engineering College.

**Specialties:** Teaching (English Language, Literature, English language Teaching, Journalism, Creative Writing), action research, ELT consultancy, ELT course design, materials writing, freelance writing, teacher professional development, educational administration.





ENGLISH LANGUAGE TEACHING CENTRE

GEC  
CENT

Faculty Development Programme on

ENHANCING PEDAGOGICAL SKILLS THROUGH  
MICROTEACHING - PHASE - III  
03 & 06 June 2020

## Certificate

*This is to certify that*

*Mr J Jaya Prakash*

*Assistant Professor, Department of English,*

*Gudlavalleru Engineering College,*

*participated in the two-day faculty development  
programme on 'Enhancing Pedagogical Skills Through  
Microteaching - Phase - III'*

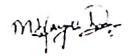
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Director, ELT Centre

  
Dr M Vijaya Lakshmi  
Convenor & HoD, English

# WORKSHOP ON VIDEO-MEDIATED REFLECTIVE MICROTEACHING – PHASE III

(3 & 6 June 2020)

## SUPERVISOR'S FEEDBACK ON THE MICROLESSONS

### A. GENERAL

#### 1. Improvement perceptible

In Phase III, improvement was perceptible. The planning and the implementation were much better than they were in Phases I and II. There is still room for improvement, however, and the lesson-specific feedback below is precise about areas where improvement is necessary.

#### 2. Obsession with grammar and vocabulary teaching

Nine microlessons were taught at the workshop. As many as six of them were grammar lessons, and two of them attempted vocabulary teaching. Only one of them was different: the lesson used poetry for language generation. In spite of all the training the teachers have undergone at the ELT Centre for six years, they seem to be trapped in a medieval mindset and wouldn't think of anything other than grammar or vocabulary for teaching practice sessions. Communicative functions, critical reading comprehension, organization in writing, listening, pronunciation, presentation, group discussion, and interview skills occupy greater importance than grammar in the two courses the Department of English offers for the I BTech students, but the teachers' choice of grammar and vocabulary in successive phases of the practicum sessions seems to suggest a belief that these components of the course are not teachable when the teaching is done in public view or for the purpose of demonstration.

#### 3. Approach traditional

The approach was by and large traditional. In grammar lessons in particular, the teachers adopted the discredited deductive approach consisting of giving (learners) rules, then examples, and then practice. Two of the teachers used interesting pictures, but owing to inadequate planning and poor questioning strategies, the pictures failed to generate useful language.

This doesn't mean that I expect the teachers to use an activity-based methodology in the classroom. The teachers' regular classes are as large as 50-60 students, and using communicative activities may not be possible in such large classes. But if the

lessons are interactive and the approach to the teaching of grammar is inductive rather than deductive, better learning outcomes can certainly be obtained.

#### **4. Lessons interactive**

Interaction was an essential part of most of the lessons. Even in traditional grammar lessons, there was some interaction, and the teachers' attempts to introduce interaction looked natural rather than contrived. This suggested to me that interaction is part of the teachers' regular classroom teaching. However, the quality of interaction is still open to question. (More about this in '7. Questioning techniques' below.)

#### **5. Teaching engaging**

The lessons were by and large engaging. The teachers had a pleasant and friendly approach, and every one of them used a lead-in activity in order to motivate the students and create learning readiness in them. The teacher-specific feedback below gives detailed information about the extent of success each lead-in achieved.

#### **6. Macro rather than micro lessons**

Not one of these nine lessons, strictly speaking, was a microlesson. But this doesn't worry me. The teachers are not required to teach microlessons in the regular classroom, and if, within an expanded microlesson format, they teach a full lesson with good learning outcomes, it will be more than I can ask for. So, teachers who took thirty minutes or more to teach their lessons need not feel guilty about it.

However, I want to remind the teachers of a point I made at the workshop on 'Exploring Classroom Processes' I conducted last year. Planning, decision-making, and pedagogical reasoning are very important skills for a teacher, and the teacher will be called upon to exercise these skills when she attempts to work within the narrow confines of microteaching. If it is articles she wants to teach, she can take up just one aspect – say, the definite article. If it is question tags, she can just attempt to raise the students' consciousness of the difference between how question tags are used in their mother tongue and how they are used in English. If it is phrasal verbs, the lesson may restrict itself to how a particular particle, say, "up," when combined with different verbs, produces idiomatic meanings. If teachers master the art of working within a restricted space, they will be overwhelmed by the results they themselves achieve.

#### **7. Questioning techniques**

The teachers' questioning or interaction techniques leave much to be desired. They ask a question, and when they don't get the expected answer, they give the answer themselves. They need to learn to ask questions in such a way that the questions elicit the expected types of responses from the students. A one-question-one-answer interaction cannot achieve this; a series of questions depending upon the student's answers will have to be asked. A dialogic approach with clues can make

the student think and arrive at the answer himself. Here is an example:

Teacher: Yesterday, we learned various words that express feelings. Now, can you tell me... What does 'relief' mean?  
(pause)

Teacher: Can you remember a time when you were anxious, when you were worried? Yes, Prasad?

Prasad: One evening, I went home. Didn't find my mobile phone in my pocket. Thought I had lost it. Worried. The next day, a friend brought it. He said he had found it in the canteen.

Teacher: How did you feel when you got it back?

Prasad: Happy.

Teacher: Happy, good. What happened to your anxiety, your worry?

Prasad: It's gone.

Teacher: And you had a sense of relief, right? Now, tell me, what is "relief"?

Prasad: A feeling of happiness.

Teacher: Yes, a feeling of happiness, a feeling of comfort. But what brings this sense of comfort?

Prasad: When something worrying stops, when it ends.

Teacher: Yes, when something worrying has ended. Good. So "relief" means

Prasad: A feeling of happiness ... or comfort when something worrying or frightening has ended.

This comes with practice – and, of course, with a shift from the one-question-one-answer mindset.

## **8. Classroom communication**

The teachers need to improve their classroom communication in general and their English in particular. I have often laboured this point on different occasions during the past six years, and I don't want to say anything more here.

## **9. Observers' role**

The observers played their role well. They observed each lesson carefully, made copious notes, and commented on the lesson in a professional way. However, a tendency still persists: they form impressions about a lesson not so much by its learning outcomes as by its entertainment value; the teacher's high-energy performance and the enthusiastic reception it evokes mislead them into thinking that the lesson is good. Observers need to guard against the uncritical tendency.

## **10. Organization of the workshop**

The Supervisor's feedback would be incomplete without this aspect. The workshop took place under trying circumstances with the dreaded Coronavirus spreading fast. I had never heard of an in-person workshop or seminar being organized in May-June. Since we were required to be on campus on certain days, I thought I could

use the opportunity to conduct a VMRMT workshop in the ELT Centre itself. But it demanded the introduction and strict implementation of protocols to ensure the safety of the participants, and I entrusted the task to Raja Kumar who went about it with scrupulous attention to detail. He put together an organizing team to take care of the various aspects of the protocol and formalities, disinfected the workshop venue thoroughly, and ensured the safety of the participants. As I pointed out in my thank-you note sent soon after the workshop, material requirements became far more important than intellectual expertise at the workshop, and Raja Kumar and the faculty members of the Department who co-operated with him deserve appreciation for taking care of these requirements.

Dr Ramanujam Parthasarathy  
Director, ELT Centre, &  
Senior Professor of English  
Gudlavalleru Engineering College  
24 June 2020