



# 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

*Number of value-added courses for imparting transferable and life skills offered*

**Academic year 2020 - 2021.**

S. No	Name of Value Course	No. of students Enrolled	Number of Students completing the course
1	Two-week value-added course on Analysis of building using ETABS	185	180
2	Two-week value-added course on REVIT Architecture	159	152
3	Two-week value-added course on Advanced Surveying	163	160
4	Value added course on Design of Solar and PV systems	114	109
5	A value-added course on Introduction to software tools and their applications in Electrical & Electronics Engineering	163	158
6	Value added course on Python Programming	180	177
7	Value added course on ARC International Internship	61	61
8	Value added course on Design and Modelling Software	91	86
9	Value added course on Ansys Workbench	165	162
10	Value added course on Smart System Design using IoT	279	276
11	Value added course on Digital System Design using Verilog	256	253
12	Value added course on Python Programming	262	260
13	Value added course on Data Analysis using Python	200	198
14	Value added course on Android Development using data structures	200	196
15	Value added course on Linux System Administration	200	197
16	Value added course on AWS Cloud Practitioner	84	82

S. No	Name of Value Course	No. of students Enrolled	Number of Students completing the course
17	Value added course on Blue Prism Foundation	90	85
18	Value added course on Introduction to Networks	80	70
19	Value added course on Azure Fundamentals	64	60
20	Value added course on Foundation for R Programming	64	48
21	Value added course on UNIX Programming	64	60
22	Value added course on Fundamentals of Python Programming-I	66	66
23	Value added course on Fundamentals of Python Programming-II	61	61
24	Value added course on Team Leadership Skills	42	38
25	Value added course on Digital Marketing	75	72
26	Value added course on Introduction to Business Analytics	75	69
27	A Two Week Value added course on Critical Thinking and Time management	100	100
29	A Three Week Value added course on English for Engineers	94	92
28	A Two Week Value added course on MATLAB with Hands on Training	152	146
30	A Two Week Value added course on Entrepreneurship	246	236
31	A Two Week Value added course on Personality Development	252	248
32	A Two Week Value added course on Building Strong Foundations: Freshmen Experience	193	182



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





# SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru - 521 356

\*\*\*\*\*

## DEPARTMENT OF CIVIL ENGINEERING

### CIRCULAR

Date: 02 -09-2021

The department of Civil Engineering is organizing "A Two-Week Value- Added Course On Analysis Of Building Using ETABS" from 06-09-2021 to 18-09-2021 for UG students of all the branches in association with RACE and professional chapters IE(I) in virtual mode. Hence all the IV B. Tech students are informed to attend the course without fail.

  
HCE

  
Principal

Copy to EEE- 

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MBA- 

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

**Coordinator(s):**

Mr. A.H.L.Swaroop, Sr.Gr. Assistant Professor, CE

**Advisory Committee:**

Dr. S.R.K. Reddy, Professor, CE

Dr.A.Sreenivasulu, HoD CE.

&

All the faculty of the Civil Engineering Department

**Resources Persons:**

Mr. A.H.L.Swaroop, Sr.Gr. Assistant Professor,

Mr.K.Nagarjuna, Assistant Professor,

Department of CE

Seshadri Rao Gudlavalluru Engineering College,  
Gudlavalluru.

Phone: 9491678603, 9866665281

**Further Details Contact:**

**Co-Coordinator(s)**

Mr K Nagarjuna, Asst. Prof., CE

Phone: 9985589540

**Mode of conducting this SDP:**

Through online, at GIS & CAD Lab (N403)

Dates: 06 to 18 September 2021

Timings: Session - 1: 10:00 AM to 12:00 Noon

Session - 2: 2:00 PM to 4:00 PM



**Seshadri Rao Gudlavalluru  
Engineering College**



**A Two Week  
VALUE ADDED COURSE  
On**

**“ANALYSIS OF BUILDING  
USING ETABS”**

06 – 18 September 2021

Organized by

Department  
Of

**Civil Engineering**

Seshadri rao Gudlavalluru Engineering College  
(Autonomous)

(Sponsored by AANM & VVRSR Educational Society)

Seshadri Rao Knowledge Village

Gudlavalluru, Krishna District

Andhra Pradesh-521356

(Affiliated to JNTUK, KAKINADA)

Phone: 08674 - 273737, 273888, Fax: 08674 -273957

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



#### About 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 U.G branches of engineering are accredited under Tier 1 by NBA, New Delhi. The Institution is continuously striving for excellence by adopting changes to improve the systems, practices and performance levels

#### About the Department:

The Department was started in the year 2009 and has been offering a full-time, four-year B.Tech. Programme in “**Civil Engineering**”, and a two-year M. Tech. Programme in “**Structural Engineering**”. The department has been successful in establishing well equipped laboratories and infrastructure to promote teaching – learning as well as **R&D and consultancy**. The department has established **Water Environment and Land (WEL)** 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 the students for academic excellence. CE department has been recognized as Research Centre by JNTUK, Kakinada

#### About the SDP:

The aim of this value added course is to provide the knowledge about The Analysis of building using the ETABS Software.

#### Objectives of the program:

ETABS is a highly efficient analysis and design program developed especially for building systems.

It is loaded with an integrated system with an ability to handle the largest and most complex building models and configurations.

#### Outcomes of the program:

Students will be able to know the concept and techniques to draw.

Representing the geometry-materials, sections, member connectively, support conditions. Plot or print the drawing by scale.

To use constraint for certain design.

#### GUIDE LINES:

- **Regular attendance is mandatory to issue certificate.**
- Certificate will be provided only, after giving overall feedback and fulfilling other requirements.

#### Eligibility:

Students of IV B.Tech are eligible for attending the event.





## SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE

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

Seshadri Rao Knowledge Village, Gudlavalluru

### Department of Civil Engineering

#### Program Schedule for "A Two-Week Value- Added Course On Analysis Of Building Using ETABS" 06-09-2021 to 18-09-2021

S. No.	Date	Topics to be Covered
1	06-09-2021	<ul style="list-style-type: none"><li>• Program Description</li><li>• Objectives</li></ul>
2	07-09-2021	<ul style="list-style-type: none"><li>• Basic Modes, Drawing Tools, Mouse Pointers</li><li>• Select or Draw</li></ul>
3	08-09-2021	<ul style="list-style-type: none"><li>• Begin a Model</li><li>• Create the Basic Grid System</li><li>• Grid Dimensions (Plan) – Define a Grid System</li><li>• Story Dimensions - Define Story Data</li></ul>
4	09-09-2021	<ul style="list-style-type: none"><li>• Create the Structural Model</li><li>• Define Properties</li><li>• Add Structural Objects Manually</li></ul>
5	10-09-2021	<ul style="list-style-type: none"><li>• Select Structural Objects</li><li>• Graphical Selection Options</li><li>• Selecting by Coordinates</li></ul>
6	11-09-2021	<ul style="list-style-type: none"><li>• Assign/Change Properties</li><li>• Assign the AUTOLATBM Auto Select Section List</li></ul>
7	13-09-2021	<ul style="list-style-type: none"><li>• Load the Structural Model</li><li>• Define the Load Patterns</li><li>• Assign Structural Loads</li></ul>
8	14-09-2021	<ul style="list-style-type: none"><li>• Define Load Cases</li><li>• Review/Create Load Cases</li></ul>
9	15-09-2021	<ul style="list-style-type: none"><li>• Edit the Model Geometry</li><li>• Editing Options</li></ul>
10	16-09-2021	<ul style="list-style-type: none"><li>• Analyze the Model</li><li>• Model Analysis</li><li>• Locking and Unlocking the Model</li></ul>
11	17-09-2021	<ul style="list-style-type: none"><li>• Design</li><li>• Design the Structure</li><li>• Detailing</li></ul>
12	18-09-2021	<ul style="list-style-type: none"><li>• Display Results</li><li>• Obtain Basic Graphical Displays</li><li>• Graphical Displays using Model Explorer</li><li>• Tabular Display of Results</li><li>• Print Graphics</li><li>• Export Results</li></ul>

Faculty Coordinator

HCE

Principal





**SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru, Krishna (Dt), Andhra Pradesh  
521356.

**List of Students Enrolled for "A Two-Week Value- Added Course On Analysis Of  
Building Using ETABS" (06-09-2021 to 18-09-2021)**

S.No.	Roll. No.	Name of the Student
1	17481A0102	ADULLA AKHIL TEJA
2	17481A0103	ADURI NAVEENA SAI KUMAR
3	17481A0104	ALLAPARTHI PHANI CHARAN
4	17481A0105	ANDUGALA JYOTHSNA
5	17481A0106	ANGADALA RAMU
6	17481A0108	ARIGA VAMSI KRISHNA
7	17481A0109	ASLAMUR RAHAMAN
8	17481A0110	BADINEDI SIVA NAGA RAJU
9	17481A0111	BAMMIDI LAKSHMI NAGENDRA KUMAR
10	17481A0113	BATTULA JAI NAGA VENKATA SAIRAM GANESH
11	17481A0114	BHUKYA PAVANKALYAN NAIK
12	17481A0115	BODDAPATI VIJAYALAKSHMI
13	17481A0116	BOLLA AVINASH
14	17481A0117	BOLLA YASWANTH
15	17481A0118	BOMMANABOYINA VENKATA GOPI
16	17481A0120	BOTTA SUSHMA
17	17481A0121	BOYINA MANOHAR
18	17481A0122	BUSI KIRANMAI
19	17481A0123	C N V SHALINI
20	17481A0124	CHANDIKA VINAY KUMAR
21	17481A0125	CHENNURU NAGA VENKATA DURGA PRASAD
22	17481A0126	CHORAGUDI SUSHMITHA
23	17481A0127	DEVANABOINA MANI CHANDANA
24	17481A0128	DOKKU LEELA SRIKANTH
25	17481A0130	EDE CHANDU HARSHA VARDHAN
26	17481A0131	GERA SUBHASH
27	17481A0132	GOGULAMUDI DEEPAK
28	17481A0133	GORINKALA GAYATHRI
29	17481A0134	GORKIPUDI MAHIMA SREE
30	17481A0135	GOTTIPATI BHARGAV
31	17481A0136	GUDAVALLI LAALU SEKHAR
32	17481A0137	GUNDIGA VIJAYA
33	17481A0138	GUNJA VENKATESH
34	17481A0139	HARIKA ANNAVARAPU
35	17481A0140	INTETI SAI SURESH
36	17481A0141	JANJANAM TARUN MANIKANTA
37	17481A0142	JANNU GIRISH
38	17481A0143	JUJJUVARAPU MAMATHA
39	17481A0144	KAGITHA PAVAN SAI
40	17481A0146	KALAPALA KEERTHI
41	17481A0147	KALAPALA NIRMALA JYOTHI
42	17481A0148	KALIKIVAI MANIKRISHNA
43	17481A0149	KALLAM RADHIKA
44	17481A0150	KAMMA SUPREEM
45	17481A0151	KAMMILI DIVYA SRI
46	17481A0152	KARRA VIDYA SREE
47	17481A0153	KASANI JAYA SAHITHI
48	17481A0154	KASARAGADDA CHAITANYA
49	17481A0155	KASIBHATLA SAI KARTHIKEYA
50	17481A0156	KATTA NAGA DURGA VARA PRASAD
51	18485A0101	ACHHUTA BHARGAV NAGA VARA PRASAD
52	18485A0102	CHINTHALAPUDI AJAY VENKATA NAGA BAPINEEDU



53	18485A0103	DARSI SRIKANTH
54	18485A0104	KODALI SIVAJI
55	18485A0105	LAKKIREDDY BHARATHI
56	18485A0106	LUKKA MANJU
57	18485A0107	MUNIPALLI KALWARI
58	18485A0108	UTLA GNANA BASAVA SUBRAHMANYAM
59	16481A0113	BALLARI REVANTH
60	16481A0125	CHALLAGALI RAHUL BENARJI
61	16481A0171	KONERU SAI SAMPATH
62	16481A0174	KRISTAM SRIHARSHA
63	17481A0157	KODALI NAVEEN
64	17481A0158	KOLLATI SAI SIVA MAHESH
65	17481A0159	KOLLURI SHARMILA
66	17481A0160	KOLLURU SAMUEL RAJU
67	17481A0161	KONDAPALLI GOWTHAM RAJU
68	17481A0162	KONDAPALLI SAI GANESH
69	17481A0163	KOPPARA RAVI
70	17481A0164	KORIKANI SRI HARI
71	17481A0165	KUMBHA TEJA
72	17481A0166	KUPPILI GUNA RAMYA
73	17481A0167	LAKKAPRAGADA RENUKA DEVI
74	17481A0168	LANKA BHAGYA SRI BALA SAI
75	17481A0169	MACHARLA SRI SAI AKHIL
76	17481A0170	MADALA KRISHNACHAITANYA
77	17481A0171	MADALA NAVEEN
78	17481A0172	MADEM VEERA VENKATESWARA RAO
79	17481A0173	MALLISETTI GAYATHRI DEVI
80	17481A0174	MANIKANTA SUNIL CHINTAPALLI
81	17481A0176	MAREEDU VENKATA RAKESH
82	17481A0177	MATTHI TEJA SREE
83	17481A0178	MATURI SAI SRI POOJA
84	17481A0179	MOHAMMED IKRAM
85	17481A0180	MOHAMMED NISHAT RAHAMATULLAH
86	17481A0181	MOKA TARUN KUMAR
87	17481A0182	MUDAVATHU ANIL KUMAR
88	17481A0183	MURALA BHAVANI
89	17481A0184	MURARI BHANU PRAKASH GOWD
90	17481A0185	MUREBOINA MURALI KRISHNA
91	17481A0186	MUTHYALA SAINADH
92	17481A0187	NAGANABOINA SIVAJI
93	17481A0188	NAGIDI PAVAN KUMAR
94	17481A0189	NALLAMOTHU SRAVYA
95	17481A0190	NANDAM JAYASRI
96	17481A0191	NANNIPAGA VIJAYANAND
97	17481A0192	NARAHARISETTI BHAGYA NAGALAKSHMI
98	17481A0193	NEELAM VIJAY
99	17481A0194	NUKATHOTI SRAVANI
100	17481A0196	PAMARTI MONIKA SRI
101	17481A0197	PARIME RAJA
102	17481A0198	PEDDENENI YASWANTH
103	17481A01A0	PENUMETSA SUDHEER VARMA
104	17481A01A1	PEYYALA RITHISH BABU
105	17481A01A2	POTU LAKSHMAN NARAYANA
106	17481A01A3	PRATHIPATI MANOJ
107	17481A01A4	PULAVARTHI AUGUSTINE
108	17481A01A5	PURITIPATI MOHITH GANDHI REDDY
109	17481A01A6	PUTTI GANESH BABU
110	17481A01A7	RACHAPROLU CHAITANYA
111	17481A01A8	REVANTH KOTTI
112	17481A01A9	SAI DEEP KURRA
113	18485A0110	BOMMASANI VIJAY KUMAR
114	18485A0111	DAMMU MOHANTH KUMAR
115	18485A0112	DUSANAPUDI BHANU PRAKASH
116	18485A0113	GANNEBOINA PRASANNA



117	18485A0114	GOVADA VINAY
118	18485A0115	GUNJI KARTHIK
119	18485A0117	KODALI PRAGATHI
120	18485A0118	MATTA PRIYANKA
121	18485A0119	PONNURU MITTU SAI KALYAN
122	17481A01B0	SAI TEJA THOTA
123	17481A01B1	SAVVA RANGAIAH
124	17481A01B2	SHAIK RASSOOL
125	17481A01B3	SHAIK SUBHANI
126	17481A01B4	SHAIK SUBHANI
127	17481A01B5	SRAVANAM RAJKUMAR
128	17481A01B6	SRIRANGAPURAPU SIVA NAGA RAJASEKHAR
129	17481A01B7	SUNKARA RAMAKRISHNA
130	17481A01B8	TADEPALLI ANIL
131	17481A01B9	TANNERU BHASKAR RAMAIAH
132	17481A01C0	THALLAPALLY SRUTHI THANMAI
133	17481A01C1	THUMMALAPALLI PRUDHVI
134	17481A01C2	TIRUMALASETTY SAI LATHA
135	17481A01C3	TUMU DEEPTHI SRI
136	17481A01C4	VADDADI URMILA
137	17481A01C5	VADLANI NAGA VENKATA SAI RADHIKA
138	17481A01C6	VEMULA NARENDRA
139	17481A01C7	VENKATA NAGA PHANINDRA ALLAMSETTI
140	17481A01C8	VUYYURU SAI GEETHA
141	17481A01C9	YALAMARTHI SRUJITH
142	17481A01D0	YASWANTH MADDALA
143	17481A01D1	YEMINENI HEMANTH KUMAR
144	17481A01D2	R NAGA BABU
145	17481A01D3	JAIDEEP KUMAR MARRAPU
146	17481A01D4	DADE PRADEEP
147	17481A01D5	BANDREDDI NAGA VENKATA RAGHAVAIAH
148	17481A01D6	PANJALA RAMA RAO
149	17481A01D7	PAMULAPATI RAKESH
150	17481A01D8	TANNIRU VARAPRASAD
151	17481A01D9	PIDIGE BHANU PRAKASH
152	17481A01E0	KAVURI GUNA SEKHAR
153	17481A01E2	GUNTAKA YESWANTH REDDY
154	17481A01E3	MAMILLAPALLI ASHOKKUMAR
155	17481A01E8	VAKA BHANU PRAKASH
156	18485A0120	ANASURI MANIKANTA
157	18485A0121	BANDREDDY NAGA NARESH
158	18485A0122	BATTULA RAJESWARI
159	18485A0123	BATTULA SRINIVASA RAO
160	18485A0124	BOYINA MANIKANTASWAMY
161	18485A0125	CHALAPATI BALA NAVEEN
162	18485A0126	CHATAKOMMU VENKATA SIVA SAI
163	18485A0127	GADDAM SAI MAHESH
164	18485A0128	GADI SREENADH
165	18485A0129	GORU NAGA VENKATA TRIGUNAKAR
166	18485A0130	GUJJARLAMUDI VENKATESH
167	18485A0131	GUNTUPALLI KUMAR
168	18485A0132	JADDU SIVA RAMA KOTESWARA RAO
169	18485A0133	JARUGU RAMANJANEYULU
170	18485A0134	KAMBALA VASU BABU
171	18485A0136	KARNA PURNA NAGA SHANMUKHA KUMAR
172	18485A0137	KOLLIPARA ROHIT SAI
173	18485A0138	KUTHADI GOPI KUMAR
174	18485A0139	LANKE SANDEEP
175	18485A0140	MAJJI CHANTI BABU
176	18485A0141	METUKUMILLI PUSHPADANTH
177	18485A0142	MIRIYALA RAKESH
178	18485A0144	NANDYALA JOGENDRA SAI BABU
179	18485A0145	PADAM YESHWANTH DINAKAR
180	18485A0146	PALANKI NAVEEN

181	18485A0147	PALLEM CHIDVILAS
182	18485A0148	PAREPALLI NARESH
183	18485A0149	PUNNAM YEDUKONDALU
184	18485A0150	RANDHI HEMANTH KUMAR
185	17485A0111	SHAIK SAMEER BABA

**Faculty Coordinator**

**HCE**

**Principal**





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

**Department of Civil Engineering**

**Summary Report on “A Two-Week Value- Added Course On Analysis Of Building Using ETABS”**  
**06-09-2021 to 18-09-2021**

**Title of the course:** “A Two-Week Value- Added Course on Analysis of Building Using ETABS”

**Duration:** 06-09-2021 to 18-09-2021

**Resource Persons:**

- Mr. A.H.L.Swaroop, Assistant Professor, 9640912413
- Mr.K.Nagarjuna, Assistant Professor, 9866665281

**Objectives of the program:**

- ETABS is a highly efficient analysis and design program developed especially for building systems.
- It is loaded with an integrated system with an ability to handle the largest and most complex building models and configurations.

**Topics Covered:**

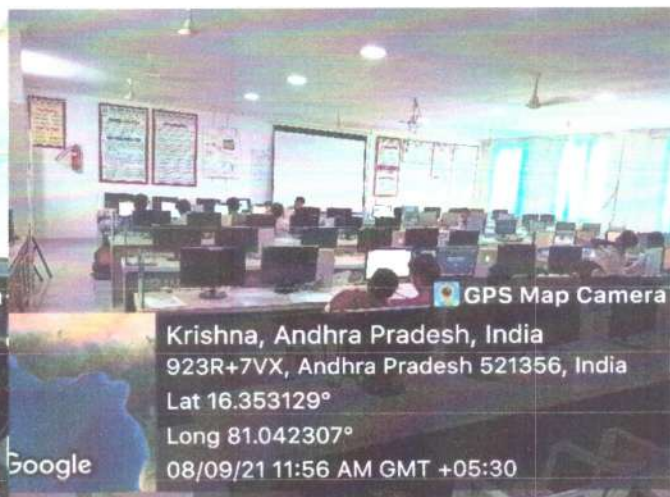
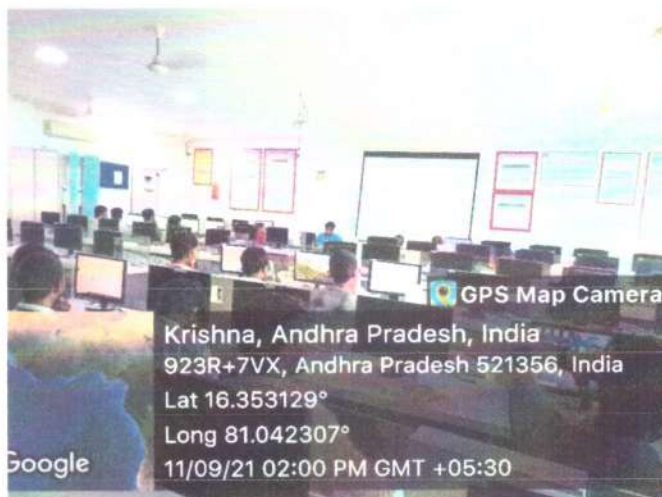
- Basic Modes, Drawing Tools, Mouse Pointers
- Create the Basic Grid System
- Create the Structural Model
- Selecting by Coordinates
- Load the Structural Model
- Model Analysis.

**Outcomes of the program:**

- Students will be able to know the concept and techniques to draw.
- Representing the geometry-materials, sections, member connectively, support conditions. Plot or print the drawing by scale.
- To use constraint for certain design.

**No. of students enrolled the course: 185**

**No. of students completed the course: 180**



  
 Faculty Coordinator

  
 HCE

  
 Principal





# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru - 521 356

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## DEPARTMENT OF CIVIL ENGINEERING

### CIRCULAR

Date: 08 -04-2021

The department of Civil Engineering is organizing "A Two-Week Value- Added Course on Revit Architecture" from 12-04-2021 to 24-04-2021 in virtual mode. Hence all the III B. Tech students of all branches are requested to attend the course without fail.

  
HCE

  
Principal

Copy to EEE 

ME 

ECE 

CSE 

IT 

MBA 





**A TWO WEEK  
VALUE ADDED COURSE  
On  
Revit Architecture**

**12 APR - 24 APR, 2021**



**Organized by  
Department of Civil 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

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

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

**Convenor:**

**Dr. A.Sreenivasulu Prof & HOD**

**Organizing Committee:**

**Coordinator:**

**Mr. S.Sai Charan, Asst.Prof**

**Mobile: 8555056088**

**Co-Coordinator:**

**Mr. B.H.Naga Babu, Asst.Prof.**

**Mobile: 8328415532**

**About 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.

**About the Department:**

The Department was started in the year 2009 and has been offering a full-time, four-year B.Tech. Programme in "Civil Engineering", and a two-year M. Tech. Programme in "Structural Engineering". The department has been successful in establishing well equipped laboratories and infrastructure to promote teaching – learning as well as R&D and consultancy. The department has established Water Environment and Land (WEL) 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.



**Resource Persons:**

- Mr. S.Sai Charan, Asst.Professor, Ph No: 8555056088
- Mr.B.Hema Nagababu, Asst.Professor, Ph No:8328415532

**Objectives of the Program:**

- To introduce various software tools and their applications in Civil Engineering.
- To make the students more effective in the field of Civil Engineering with respective to this software
- The aim of this value added course is to provide the knowledge about The Autodesk Revit software.

**Topics:**

- Selection in Revit
- Navigation in Revit
- Modeling components in Revit Architecture
- Structural Elements & Annotation Elements

**Platform:**

Microsoft Teams

Eligibility: All III B. Tech Students

Registration is free

**About the course:**

Revit Architecture is an Autodesk developed engineering Configuration and Documentation programming framework for draughts men and construction experts. Revit Architecture's tools and tricks are specifically designed to aid building data showing (BIM) work processes.

Architecture has the ability to impact dynamic data in savvy models by using BIM instead of Computer Assisted Drafting (CAD), allowing complex Building Systems to be precisely outlined and published in a short period of time. This allows improvements made in one part of the model to spread naturally to other parts of the model, resulting in a faster work process for Revit Architecture Clients.

**Expected Outcomes of the course:**

- Students will be able to know the latest technologies in various software tools and other upcoming technologies.
- Students will be able to design a structure using the standards and design guidelines taught during the course.
- Learning Revit now gives you the confidence to use BIM models to process data and understand how to automatically reflect changes made to objects in the model throughout the project.
- Revit helps designers design, simulate, visualize and collaborate to benefit from interconnected data in BIM models

- Linking CAD and Revit files as the basis of a project. Creating Levels and Grids as datum elements for the model.
- Creating a 3D building model with walls, curtain walls, windows, and doors. Adding component features, such as furniture and equipment.
- Revit is used to coordinate all data inputs (including CAD) and produce federated project deliverables.
- Both programs are often used within the same firm, with BIM and CAD specialists working on different elements of a project.
- This course, recorded entirely in metric units, teaches you the techniques you need to complete architectural projects in Revit 2020. First, get comfortable with the Revit environment, and learn to set up a project and add the grids, levels, and dimensions that will anchor your design.
- It also includes advanced techniques for modeling stairs and complex walls, adding rooms, and creating schedules. Finally, discover how to annotate your drawing so all the components are perfectly understood, and learn how to output sheets to PDF and AutoCAD.

*Free*



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

**Department of Civil Engineering**

**Program Schedule for "A Two-Week Value- Added Course on Revit Architecture"**  
**12-04-2021 to 24-04-2021**

S. No.	Date	Topics to be Covered
1	12-04-2021	<ul style="list-style-type: none"><li>• Purpose of using Revit – How &amp; Why Interior Design uses Revit</li><li>• User Interface</li></ul>
2	13-04-2021	<ul style="list-style-type: none"><li>• Setting up project file.</li></ul>
3	14-04-2021	<ul style="list-style-type: none"><li>• Units in Revit</li><li>• Selection in Revit.</li></ul>
4	15-04-2021	<ul style="list-style-type: none"><li>• Navigation in Revit.</li></ul>
5	16-04-2021	<ul style="list-style-type: none"><li>• Revit Architectural Options</li><li>• Revit Templates</li></ul>
6	17-04-2021	<ul style="list-style-type: none"><li>• Snaps in Revit</li></ul>
7	19-04-2021	<ul style="list-style-type: none"><li>• Modeling components in Revit Architecture</li></ul>
8	20-04-2021	<ul style="list-style-type: none"><li>• Datum elements such as Grid levels, Reference planes</li></ul>
9	21-04-2021	<ul style="list-style-type: none"><li>• Structural Elements</li></ul>
10	22-04-2021	<ul style="list-style-type: none"><li>• MEP elements such as pipes, Ducts, Sprinklers, Air Terminals</li></ul>
11	23-04-2021	<ul style="list-style-type: none"><li>• Host Elements such as Slabs, walls, Roofs, stairs</li></ul>
12	24-04-2021	<ul style="list-style-type: none"><li>• Annotation Elements</li></ul>

  
Faculty Coordinator

  
HCE

  
Principal





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**Seshadri Rao Knowledge Village, Gudlavalleru, Krishna (Dt), Andhra Pradesh**  
**521356.**

**List of Students Enrolled for "A Two-Week Value- Added Course on Revit Architecture"**  
**(12-04-2021 to 24-04-2021)**

S.No	Roll No	Name of the Student	E- Mail ID
1	18481A0101	AKKUMAHANATHI OM PAVAN ROHITH	18481A0101@gecgudlavallerumic.in
2	18481A0102	AKUNURI SUNITHA	18481A0102@gecgudlavallerumic.in
3	18481A0103	ALLA SAI MOUNIKA	18481A0103@gecgudlavallerumic.in
4	18481A0104	ALLA SRI VAISHNAVI	18481A0104@gecgudlavallerumic.in
5	18481A0105	ALLAM SIVA KUMAR	18481A0105@gecgudlavallerumic.in
6	18481A0106	ALLI VAMSI KIRAN	18481A0106@gecgudlavallerumic.in
7	18481A0107	ARADHYULA NEELIMA	18481A0107@gecgudlavallerumic.in
8	18481A0109	BADETI VENKATA SAI GANESH	18481A0109@gecgudlavallerumic.in
9	18481A0110	BANDI SAMANVITHA	18481A0110@gecgudlavallerumic.in
10	18481A0111	BATCHU PAVAN GOPAL	18481A0111@gecgudlavallerumic.in
11	18481A0112	BATTULA RATAN ADITYA	18481A0112@gecgudlavallerumic.in
12	18481A0113	BELLAMKONDA SUDHEER KUMAR	18481A0113@gecgudlavallerumic.in
13	18481A0114	CHAGANTI LAKSHMI NARAYANA	18481A0114@gecgudlavallerumic.in
14	18481A0115	CHANDU VEERA VENKATA KOTESWARA RAO	18481A0115@gecgudlavallerumic.in
15	18481A0116	CHENNU NARENDRA	18481A0116@gecgudlavallerumic.in
16	18481A0117	CHIKATIMARLA SIVA SAI	18481A0117@gecgudlavallerumic.in
17	18481A0119	DASARI HARIPRIYA	18481A0119@gecgudlavallerumic.in
18	18481A0120	DASARI MOUNIKA	18481A0120@gecgudlavallerumic.in
19	18481A0121	DASI MOHANA KRISHNA	18481A0121@gecgudlavallerumic.in
20	18481A0122	DASI POOJITHA	18481A0122@gecgudlavallerumic.in
21	18481A0123	DEVANABOYINA BHARATH RAM	18481A0123@gecgudlavallerumic.in
22	18481A0124	DEVISSETTI ESWARSAI	18481A0124@gecgudlavallerumic.in
23	18481A0125	DUNGA DILLESWARA RAO	18481A0125@gecgudlavallerumic.in
24	18481A0126	ETHAMUKKALA RAJA	18481A0126@gecgudlavallerumic.in
25	18481A0127	GANDEM SHANMUKHA PRATHAP KUMAR	18481A0127@gecgudlavallerumic.in
26	18481A0128	GANDHAM NAGA VENKATA SAI MANIKANTA	18481A0128@gecgudlavallerumic.in
27	18481A0129	GANESH GUGULOTHU	18481A0129@gecgudlavallerumic.in
28	18481A0130	GANJALA DURGA SAI PRASAD	18481A0130@gecgudlavallerumic.in



29	18481A0131	GOLI NEELIMA	18481A0131@gecgudlavalлерumic.in
30	18481A0132	GOPSETTI VEERA RAGHAVA RAO	18481A0132@gecgudlavalлерumic.in
31	18481A0133	GORIPARTHI MOUNIKA	18481A0133@gecgudlavalлерumic.in
32	18481A0135	GUDE ANIL KUMAR	18481A0135@gecgudlavalлерumic.in
33	18481A0136	GULJAR BEGAM	18481A0136@gecgudlavalлерumic.in
34	18481A0137	IMMANENI CHARAN SAI RAKESH MADHAV	18481A0137@gecgudlavalлерumic.in
35	18481A0138	PAGOLU MEGHANADH	18481A0138@gecgudlavalлерumic.in
36	18481A0139	PALAKA REVANTH KUMAR	18481A0139@gecgudlavalлерumic.in
37	18481A0140	PALAKEERTHI VENKATA KRISHNA	18481A0140@gecgudlavalлерumic.in
38	18481A0141	PAMU JAIRAM	18481A0141@gecgudlavalлерumic.in
39	18481A0142	PATHIPATI BALAJI	18481A0142@gecgudlavalлерumic.in
40	18481A0143	PEMMASANI MANIKANTA	18481A0143@gecgudlavalлерumic.in
41	18481A0144	PERIKALA PRAVEEN KUMAR	18481A0144@gecgudlavalлерumic.in
42	18481A0145	POLIMETLA VIKAS	18481A0145@gecgudlavalлерumic.in
43	18481A0146	PULIKONDA BHARATKRISHNA	18481A0146@gecgudlavalлерumic.in
44	18481A0147	SANAGANA DURGA VENKATA SYAM	18481A0147@gecgudlavalлерumic.in
45	18481A0148	SHAIK ARFANI	18481A0148@gecgudlavalлерumic.in
46	18481A0149	SIRIPALLI CHANDRA SEKHAR AZAD	18481A0149@gecgudlavalлерumic.in
47	18481A0150	TANGIRALA VAMSI	18481A0150@gecgudlavalлерumic.in
48	18481A0151	TATA NAVEEN	18481A0151@gecgudlavalлерumic.in
49	18481A0152	TEKI HARISH	18481A0152@gecgudlavalлерumic.in
50	18481A0153	THOTA PRUDHVI	18481A0153@gecgudlavalлерumic.in
51	18481A0154	THOTA SIVA MADHAVA RAO	18481A0154@gecgudlavalлерumic.in
52	18481A0155	TULIMELLI SANTHI RAHUL	18481A0155@gecgudlavalлерumic.in
53	18481A0156	VADLAMANNATI MEDHIN SRI SAI MANOHAR	18481A0156@gecgudlavalлерumic.in
54	18481A0157	VAKKALAGADDA BHARGAV SAI	18481A0157@gecgudlavalлерumic.in
55	17481A0107	ANKEM AMALA VEERA MANIKANTA	17481A0107@gecgudlavalлерumic.in
56	17481A0101	ADDEPALLI TEJA	17481A0101@gecgudlavalлерumic.in
57	18481A0158	JAGANNADAM SINGA RAO	18481A0158@gecgudlavalлерumic.in
58	18481A0159	JAMPA NAGA KRISHNA CHETHAN	18481A0159@gecgudlavalлерumic.in
59	18481A0160	JANDRAJUPALLI VIJAYA KUMAR	18481A0160@gecgudlavalлерumic.in
60	18481A0163	JONNALAGADDA DASARATHA RAM	18481A0163@gecgudlavalлерumic.in
61	18481A0164	JUJUVARAPU NAVEEN	18481A0164@gecgudlavalлерumic.in
62	18481A0165	KAGITHA SRAVANI	18481A0165@gecgudlavalлерumic.in
63	18481A0166	KAMMILI OJASWINI	18481A0166@gecgudlavalлерumic.in



64	18481A0167	KARETI NAVEEN KUMAR	18481A0167@gecgudlavalloverumic.in
65	18481A0168	KARUMURI CHANDRA SEKHAR	18481A0168@gecgudlavalloverumic.in
66	18481A0169	KASANI SASIDHAR	18481A0169@gecgudlavalloverumic.in
67	18481A0171	KATTA NAVEEN RAJA	18481A0171@gecgudlavalloverumic.in
68	18481A0172	KATURI BHARATHI	18481A0172@gecgudlavalloverumic.in
69	18481A0173	KESANA KARTHEEK	18481A0173@gecgudlavalloverumic.in
70	18481A0175	KOLAKALETI PRAVEEN KUMAR	18481A0175@gecgudlavalloverumic.in
71	18481A0176	KOLUSU NEERAJA	18481A0176@gecgudlavalloverumic.in
72	18481A0177	KONDAPALLI HARSHA VARDHAN	18481A0177@gecgudlavalloverumic.in
73	18481A0178	KONDAPANEENI VAMSI	18481A0178@gecgudlavalloverumic.in
74	18481A0179	KONDRU VENKATESH	18481A0179@gecgudlavalloverumic.in
75	18481A0180	KOTHURI MOSES	18481A0180@gecgudlavalloverumic.in
76	18481A0181	KOTTHA DEVAKI	18481A0181@gecgudlavalloverumic.in
77	18481A0182	KOYYALAMUDI AKSHAY KRISHNA	18481A0182@gecgudlavalloverumic.in
78	18481A0183	KOYYALAMUDI SUNIL CHOWDARY	18481A0183@gecgudlavalloverumic.in
79	18481A0184	KUNAPAREDDY SOBHANADRI	18481A0184@gecgudlavalloverumic.in
80	18481A0185	LAKKIREDDY MADHAVAREDDY	18481A0185@gecgudlavalloverumic.in
81	18481A0186	LAKKU SRINU	18481A0186@gecgudlavalloverumic.in
82	18481A0188	MADDA SUMANTH	18481A0188@gecgudlavalloverumic.in
83	18481A0190	MALASANI VENKATA SESA SAI	18481A0190@gecgudlavalloverumic.in
84	18481A0191	MATHANGI SANKEERTHANA	18481A0191@gecgudlavalloverumic.in
85	18481A0192	MATTA KONDA BABU	18481A0192@gecgudlavalloverumic.in
86	18481A0193	MEDARAMETLA VENKATA MANOJ	18481A0193@gecgudlavalloverumic.in
87	18481A0194	MEDEPALLI DILIP KUMAR	18481A0194@gecgudlavalloverumic.in
88	18481A0195	MOHAMMAD RAKHEEB	18481A0195@gecgudlavalloverumic.in
89	18481A0196	MOJARLA SARAT CHANDRA KUMAR	18481A0196@gecgudlavalloverumic.in
90	18481A0197	MUPPIDI PRATHYUSHA	18481A0197@gecgudlavalloverumic.in
91	18481A0198	NALLAMOTHU AJAY	18481A0198@gecgudlavalloverumic.in
92	18481A0199	NALLAMOTU ASHOK	18481A0199@gecgudlavalloverumic.in
93	18481A01A0	NALLAPU NAVEEN	18481A01A0@gecgudlavalloverumic.in
94	18481A01A1	NALLIBOINA MOUNIKA	18481A01A1@gecgudlavalloverumic.in
95	18481A01A2	NALUKURTHI SUNNY	18481A01A2@gecgudlavalloverumic.in
96	18481A01A3	NARISSETTI TARUN TEJA	18481A01A3@gecgudlavalloverumic.in
97	18481A01A4	NIDUMOLU BALASWAMY	18481A01A4@gecgudlavalloverumic.in
98	18481A01A5	ODUGU SHYAM KISHORE	18481A01A5@gecgudlavalloverumic.in



99	18481A01A6	PERAMBAKAM ANITHA	18481A01A6@gecgudlavalloverumic.in
100	18481A01A7	POTHULURI VENKATA SRINIVAS	18481A01A7@gecgudlavalloverumic.in
101	18481A01A8	PULAPARTHI GURU JYOTHI NAGA ANJANI	18481A01A8@gecgudlavalloverumic.in
102	18481A01A9	PUPPALA HINDU SEKHAR	18481A01A9@gecgudlavalloverumic.in
103	18481A01B0	RAJULAPATI NARENDRA BABU	18481A01B0@gecgudlavalloverumic.in
104	18481A01B1	RALLABANDI NOGA SAATHVIK	18481A01B1@gecgudlavalloverumic.in
105	18481A01B2	VEERANKI BALAJI	18481A01B2@gecgudlavalloverumic.in
106	18481A01B3	VUNNAM ROHITH JOEL	18481A01B3@gecgudlavalloverumic.in
107	18481A01B4	VUYYURU VIJAY	18481A01B4@gecgudlavalloverumic.in
108	19485A0101	ALURI MANISHA	19485A0101@gecgudlavalloverumic.in
109	19485A0102	ANNE JYOTHIRMATHI	19485A0102@gecgudlavalloverumic.in
110	19485A0104	ATMURI SAI NARENDRA KUMAR	19485A0104@gecgudlavalloverumic.in
111	19485A0105	BADISA PUSHPA LATHA	19485A0105@gecgudlavalloverumic.in
112	19485A0106	BANDI RAMYA DEEPIKA	19485A0106@gecgudlavalloverumic.in
113	19485A0107	BARMAVATHU RAMACHANDRANAYAK	19485A0107@gecgudlavalloverumic.in
114	19485A0108	BHEEMAVARAPU SUBRAHMANYAM	19485A0108@gecgudlavalloverumic.in
115	19485A0109	BOKINALA VAMSI	19485A0109@gecgudlavalloverumic.in
116	19485A0110	CHILAKANTI BALANAGASAI KUMAR	19485A0110@gecgudlavalloverumic.in
117	19485A0111	CHILUKOTI MAMATHA	19485A0111@gecgudlavalloverumic.in
118	19485A0113	CHINTHA SWETHA	19485A0113@gecgudlavalloverumic.in
119	19485A0114	DEEVI VENKATA YOGANANDA NAGA KAMALAKAR	19485A0114@gecgudlavalloverumic.in
120	19485A0115	EDE BHARATH	19485A0115@gecgudlavalloverumic.in
121	19485A0116	GANCHIRI GAYATHRI	19485A0116@gecgudlavalloverumic.in
122	19485A0117	GANDETI DURGA GANESH	19485A0117@gecgudlavalloverumic.in
123	19485A0118	GORANTLA GOPI	19485A0118@gecgudlavalloverumic.in
124	19485A0120	GUDLAVALLETI GANESH	19485A0120@gecgudlavalloverumic.in
125	19485A0122	GURRAM SRIHARSHITHA	19485A0122@gecgudlavalloverumic.in
126	19485A0123	KANAMARLAPUDI SRI VENKATA GOKUL KRISHNA	19485A0123@gecgudlavalloverumic.in
127	19485A0124	KANKATALA PAVAN MURTHY	19485A0124@gecgudlavalloverumic.in
128	19485A0125	KARETI NAVEEN TEJA	19485A0125@gecgudlavalloverumic.in
129	19485A0126	KATAKAM CHANDRA VAMSI	19485A0126@gecgudlavalloverumic.in
130	19485A0128	KOMMURI KUSUMA	19485A0128@gecgudlavalloverumic.in
131	19485A0129	KUDAKA SIVANAGA BALAJI	19485A0129@gecgudlavalloverumic.in
132	19485A0130	KUNDETI TEJASWINI	19485A0130@gecgudlavalloverumic.in

133	19485A0131	LAVURI SAI	19485A0131@gecgudlavallesumic.in
134	19485A0132	MAILA ADITHYA	19485A0132@gecgudlavallesumic.in
135	19485A0133	MAMILLA MOUNIKA	19485A0133@gecgudlavallesumic.in
136	19485A0134	MENDU THARUN	19485A0134@gecgudlavallesumic.in
137	19485A0135	NAIDU TEJASWI	19485A0135@gecgudlavallesumic.in
138	19485A0137	NAWAZ KHAN	19485A0137@gecgudlavallesumic.in
139	19485A0138	NERELLA VENKATA HARISHKUMAR	19485A0138@gecgudlavallesumic.in
140	19485A0139	OGIRALA SUBRAHMANYAM	19485A0139@gecgudlavallesumic.in
141	19485A0140	PEDAVALA GOWTHAM KUMAR	19485A0140@gecgudlavallesumic.in
142	19485A0141	POOSA RAMSAI	19485A0141@gecgudlavallesumic.in
143	19485A0142	PRATHPATI SATISH	19485A0142@gecgudlavallesumic.in
144	19485A0143	PULI NAGENDRA BABU	19485A0143@gecgudlavallesumic.in
145	19485A0144	RAMAVATH BALARAM NAIK	19485A0144@gecgudlavallesumic.in
146	19485A0145	REMAI LI NEERAJA	19485A0145@gecgudlavallesumic.in
147	19485A0146	RIMMANAPUDI YASWANTH KUMAR	19485A0146@gecgudlavallesumic.in
148	19485A0148	SAYILA SUNIL KUMAR	19485A0148@gecgudlavallesumic.in
149	19485A0149	SHAIK KHAJA MOINUDDIN	19485A0149@gecgudlavallesumic.in
150	19485A0150	SHAIK VASEEM	19485A0150@gecgudlavallesumic.in
151	19485A0152	SINGAMANENI GUNA SINDHU PRIYA	19485A0152@gecgudlavallesumic.in
152	19485A0153	SRIPARTHI HEMANTH	19485A0153@gecgudlavallesumic.in
153	19485A0154	SYKAM VENKATA NAGA GOPI	19485A0154@gecgudlavallesumic.in
154	19485A0155	TUMMALA YASWANTH	19485A0155@gecgudlavallesumic.in
155	19485A0156	UPPALAPATI RAMGOPAL	19485A0156@gecgudlavallesumic.in
156	19485A0158	VELAGALETI NAVYASRI	19485A0158@gecgudlavallesumic.in
157	19485A0159	VISWANADHAPALLI SOMA SEKHAR	19485A0159@gecgudlavallesumic.in
158	19485A0160	VUSALA CHIRANJEEVI VARA PRASAD	19485A0160@gecgudlavallesumic.in
159	17481A01E4	UMMADI NARASIMHA RAO	17481A01E4@gecgudlavallesumic.in

  
Faculty Coordinator

  
HCE

  
Principal





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Seshadri Rao Knowledge Village, Gudlavalleru, Krishna (Dt), Andhra Pradesh  
521356.

**Summary Report on "A Two-Week Value- Added Course on Revit Architecture" in  
Civil Engineering 12-04-2021 and 24-04-2021**

**Title of the course:** "A Two-Week Value- Added Course on Revit Architecture"

**Duration:** 12-04-2021 to 24-04-2021

**Resource Persons:**

- Mr. S.Sai Charan Asst.Prof, Department of Civil Engineering, 8555056088
- Mr. B.H.Naga Babu Asst.Prof, Department of Civil Engineering ,8328415532

**Objectives of the program:**

- To introduce various software tools and their applications in Civil Engineering.
- To make the students more effective in the field of Civil Engineering with respect to this software
- The aim of this value added course is to provide the knowledge about The Autodesk Revit software.

**Topics Covered:**

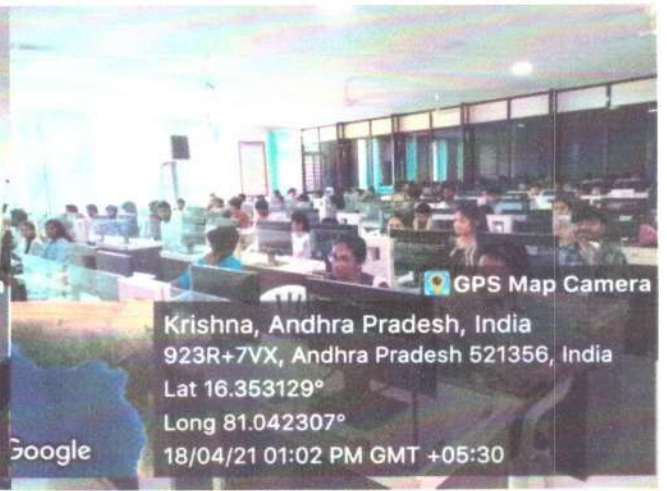
- Selection in Revit
- Navigation in Revit
- Modeling components in Revit Architecture
- Structural Elements & Annotation Elements

**Outcomes of the program:**

- Students will be able to know the latest technologies in various software tools and other upcoming technologies.
- Students will be able to design a structure using the standards and design guidelines taught during the course.
- Learning Revit now gives you the confidence to use BIM models to process data and understand how to automatically reflect changes made to objects in the model throughout the project.
- Revit helps designers design, simulate, visualize and collaborate to benefit from interconnected data in BIM models.

**No. of students enrolled the course: 159**

**No. of students completed the course: 152**



  
Faculty Coordinator

  
HCE

  
Principal



# GUDLAVALLERU ENGINEERING COLLEGE

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

Seshadri Rao Knowledge Village, Gudlavalleru - 521 356

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## DEPARTMENT OF CIVIL ENGINEERING

### CIRCULAR

Date: 10 -09-2020

The department of Civil Engineering is organizing “**A two-week Value Added Course on Advanced Surveying**” from 14-09-2020 to 26-09-2020 for UG students of all the branches in association with RACE and professional chapters IE(I) in virtual mode. Hence all the II B. Tech students are requested to attend the course without fail.

  
HCE

  
Principal

Copy to EEE-



ME-



ECE-



CSE-



IT-



MBA-





**Chief Patron:**

AANM & VVRSR Educational Society

**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

**Advisors:**

Dr. P. Nageswara Reddy, Director – Academics

Strengthening and Advancement  
(AS&A)

**Coordinator(s):**

Mr. N. Hari pavan, Assistant Professor, CE

**Advisory Committee:**

Dr. S.R.K. Reddy, Professor, CE

P. Kodanda Rama Rao, Professor, HoD CE.

&

All the faculty of the Civil Engineering Department

**Resources Persons:**

Mr. N Hari pavan, Assistant Professor,

Mrs.M.L.Sirisha, Assistant Professor,

Mr.N.V.Srinivasa Rao, Assistant Professor.

Department of CE

Gudlavaluru Engineering College, Gudlavaluru.

Phone: 9014345098, 9505497997.

**Further Details Contact:**

**Co-Coordinator(s)**

Mr J K S S Ram Charan, Asst. Prof., CE

Phone: 9908261718

**Mode of conducting this SDP:**

Through online, at GIS & CAD Lab (N403)

Dates: 14 to 26 September 2020 (Everyday two session)

Timings: Session - 1: 10:00 AM to 12:00 Noon

Session - 2: 2:00 PM to 4:00 PM



**Gudlavaluru Engineering College**



**A Two Week  
VALUE ADDED COURSE**

**On**

**"ADVANCED SURVEYING"**

**14 – 26 September 2020**

**Organized by**

**Department  
of  
Civil Engineering**

**Gudlavaluru Engineering College  
(Autonomous)**

(Sponsored by AANM & VVRSR Educational Society)

SESHADRI RAO KNOWLEDGE VILLAGE

Gudlavaluru, Krishna District

Andhra Pradesh-521356

(Affiliated to JNTUK, KAKINADA)

Phone: 08674 - 273737, 273888, Fax: 08674 -273957

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

#### About 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 U.G branches of engineering are accredited under Tier 1 by NBA, New Delhi. The Institution is continuously striving for excellence by adopting changes to improve the systems, practices and performance levels

#### About the Department:

The Department was started in the year 2009 and has been offering a full-time, four-year B.Tech. Programme in “Civil Engineering”, and a two-year M. Tech. Programme in “Structural Engineering”. The department has been successful in establishing well equipped laboratories and infrastructure to promote teaching – learning as well as **R&D and consultancy**. The department has established **Water Environment and Land (WEL)** 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 the students for academic excellence. CE department has been recognized as Research Centre by JNTUK, Kakinada

#### About the SDP:

- ❖ To demonstrate and make use of advanced surveying tool - Total station and GPS.

#### Objectives of the program:

- To determine the basics of the field Surveying and related techniques.
- To demonstrate and make use of advanced surveying tool - Total station and GPS.

#### About resource Persons:

Mr. N.Haripavan, is working as Assistant Professor in Department of Civil Engineering, Gudlavalleru Engineering College.

Ms.M.L.Sirisha, is working as Assistant Professor in Department of Civil Engineering, Gudlavalleru Engineering College.

Mr.N.V.Srinivasa Rao, is working as Assistant Professor in Department of Civil Engineering, Gudlavalleru Engineering College.

#### GUIDE LINES:

- Regular attendance is mandatory to issue certificate.
- Certificate will be provided only, after giving overall feedback and fulfilling other requirements.

#### Eligibility:

Students of II BTech are eligible for attending the event.



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

**Department of Civil Engineering**

**Program Schedule for "A two-week Value Added Course on Advanced Surveying"**

**14-09-2020 to 26-09-2020**

S. No.	Date	Topics to be Covered
1	14-09-2020	• Theodolite
2	15-09-2020	• Photogrammetric Surveying • Solution of problems dealing with celestial triangle.
3	16-09-2020	• Elements of Astronomical survey
4	17-09-2020	• Curve setting problems • (Compound, Reverse & Transition),
5	19-09-2020	• Electronic distance measurement,
6	20-09-2020	• Global Positioning System.
7	21-09-2020	• Total Station
8	22-09-2020	• Traversing using Total Station
9	23-09-2020	• Stake out using total station
10	24-09-2020	• Total area calculation using Total Station
11	25-09-2020	• DEM
12	26-09-2020	• DPGS

  
Faculty Coordinator

  
HCE

  
Principal





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Seshadri Rao Knowledge Village, Gudlavalleru, Krishna (Dt), Andhra Pradesh  
521356.

**List of Students Enrolled for the "A two-week Value Added Course on Advanced Surveying"**  
(14-09-2020 to 26-09-2020)

S.No.	Roll. No.	Name of the Student	E Mail
1	19481A0101	ABBADASARI SUNNY	19481A0101@gecgudlavallerumic.in
2	19481A0102	AMBATI KRISHNA VAMSI	19481A0102@gecgudlavallerumic.in
3	19481A0103	ANAGANI SAI DURGA PRASAD	19481A0103@gecgudlavallerumic.in
4	19481A0105	ANNAPAREDDY BALA KRISHNA	19481A0105@gecgudlavallerumic.in
5	19481A0106	ARISE PAVAN SANKAR	19481A0106@gecgudlavallerumic.in
6	19481A0108	BEERAM NAGA VENKATA SAISURYANANDHAN	19481A0108@gecgudlavallerumic.in
7	19481A0109	BELLAMKONDA BHANU	19481A0109@gecgudlavallerumic.in
8	19481A0110	BELLANI CHATURYA	19481A0110@gecgudlavallerumic.in
9	19481A0111	BETHAPUDI NIKHIL	19481A0111@gecgudlavallerumic.in
10	19481A0112	BHUPATHI DURGA SANKAR	19481A0112@gecgudlavallerumic.in
11	19481A0113	BOTTA YASASWINI	19481A0113@gecgudlavallerumic.in
12	19481A0114	CHAPPIDI MEGHANA	19481A0114@gecgudlavallerumic.in
13	19481A0116	CHINNI ESWAR CHAITANYA	19481A0116@gecgudlavallerumic.in
14	19481A0117	CHIPPALAPALLI VAMSI KRISHNA	19481A0117@gecgudlavallerumic.in
15	19481A0118	CHITTURI SUPRIYA	19481A0118@gecgudlavallerumic.in
16	19481A0119	DAKARAPU KRANTHI KUMAR	19481A0119@gecgudlavallerumic.in
17	19481A0120	DARSI VIJAY KUMAR	19481A0120@gecgudlavallerumic.in
18	19481A0123	DIRISALA BRAHMAIAH	19481A0123@gecgudlavallerumic.in
19	19481A0124	DIVI NAGA VENKATA MOHANLAKSHMIKANTH SAI	19481A0124@gecgudlavallerumic.in
20	19481A0125	DOKKU CHINNI GOPI KRISHNA	19481A0125@gecgudlavallerumic.in
21	19481A0126	ETHAMUKKALA TEJA	19481A0126@gecgudlavallerumic.in
22	19481A0127	GADDALA ARUN BABU	19481A0127@gecgudlavallerumic.in
23	19481A0128	GAMIDI GANESH KUMAR	19481A0128@gecgudlavallerumic.in
24	19481A0129	GARIKIPATI JAYA RAMA KRISHNA	19481A0129@gecgudlavallerumic.in
25	19481A0130	GOGULAMUDI SWAROOP	19481A0130@gecgudlavallerumic.in
26	19481A0131	GOPIREDDY RAJASEKHAR REDDY	19481A0131@gecgudlavallerumic.in
27	19481A0132	GORIPARTHI VENKATESWARARAO	19481A0132@gecgudlavallerumic.in
28	19481A0133	GOTTEMUKKULA UMA VENKATESWARLU	19481A0133@gecgudlavallerumic.in
29	19481A0134	GUDETI HARIKA	19481A0134@gecgudlavallerumic.in
30	19481A0135	GULLA HEMA	19481A0135@gecgudlavallerumic.in
31	19481A0136	INDURI SIVA REDDY	19481A0136@gecgudlavallerumic.in
32	19481A0137	INJAMURI MANASWI	19481A0137@gecgudlavallerumic.in
33	19481A0139	JALADI VAMSI RATHNAKAR	19481A0139@gecgudlavallerumic.in



34	19481A0140	JAMMU ESWAR KUMAR	19481A0140@gecgudlavalloverumic.in
35	19481A0141	JILAKARA HARI KIRAN	19481A0141@gecgudlavalloverumic.in
36	19481A0143	KAITHEPALLI VENKATA DIVYA	19481A0143@gecgudlavalloverumic.in
37	19481A0144	KALI NIRANJAN	19481A0144@gecgudlavalloverumic.in
38	19481A0145	KALIDINDI HEMANTH KUMAR RAJU	19481A0145@gecgudlavalloverumic.in
39	19481A0146	KANAPARTHI LAKSHMI SWARNA LATHA	19481A0146@gecgudlavalloverumic.in
40	19481A0147	KATAKAM NAGA SATEESH	19481A0147@gecgudlavalloverumic.in
41	19481A0148	KODALI RAVI SANKARA KRISHNA KANTH	19481A0148@gecgudlavalloverumic.in
42	19481A0151	KAMMILI LOKSAINADH	19481A0151@gecgudlavalloverumic.in
43	19481A0152	KOTA SIVA GANDHI	19481A0152@gecgudlavalloverumic.in
44	18481A0108	ARZA DIMPLE SAI HARSHITH	18481A0108@gecgudlavalloverumic.in
45	17485A0103	BASIPOGU RAVI	17485A0103@gecgudlavalloverumic.in
46	19481A0154	MADDALA MADHURI	19481A0154@gecgudlavalloverumic.in
47	19481A0155	MAHALI GIREESH VARMA	19481A0155@gecgudlavalloverumic.in
48	19481A0156	MALEPATI VENKATA PADMAJA	19481A0156@gecgudlavalloverumic.in
49	19481A0157	MANDA PRASANNA KUMAR	19481A0157@gecgudlavalloverumic.in
50	19481A0158	MANEPALLI CHAKRI GOPALA ROHITH	19481A0158@gecgudlavalloverumic.in
51	19481A0159	MANNEM SAI DEEPAK	19481A0159@gecgudlavalloverumic.in
52	19481A0160	MANOHAR ODUGU	19481A0160@gecgudlavalloverumic.in
53	19481A0161	MASIMUKKU VENKATA SURESH	19481A0161@gecgudlavalloverumic.in
54	19481A0162	MATHI MOHANA NAGA GOPIKRISHNA	19481A0162@gecgudlavalloverumic.in
55	19481A0163	MEKA SAI NAGENDRA BABU	19481A0163@gecgudlavalloverumic.in
56	19481A0164	MERUGU GOWTHAM	19481A0164@gecgudlavalloverumic.in
57	19481A0165	MITTA PURNA PRASANNA KUMAR	19481A0165@gecgudlavalloverumic.in
58	19481A0167	MOHAMMAD MASTAN	19481A0167@gecgudlavalloverumic.in
59	19481A0168	MOHAMMED ALZAFEER HUSSAIN	19481A0168@gecgudlavalloverumic.in
60	19481A0169	MOTRU TWINSON	19481A0169@gecgudlavalloverumic.in
61	19481A0170	MUDUNURU VISWANADH	19481A0170@gecgudlavalloverumic.in
62	19481A0171	MULAKALURI DURGANJALI	19481A0171@gecgudlavalloverumic.in
63	19481A0172	MURALA UDAY KIRAN	19481A0172@gecgudlavalloverumic.in
64	19481A0173	MUTHIREDDY SAI CHARAN	19481A0173@gecgudlavalloverumic.in
65	19481A0175	NARESH BABU VEERLA	19481A0175@gecgudlavalloverumic.in
66	19481A0176	NIXON SAMUEL	19481A0176@gecgudlavalloverumic.in
67	19481A0177	PADARTHI DIVYA SRI	19481A0177@gecgudlavalloverumic.in
68	19481A0178	PALAPARTHI SAI TEJA	19481A0178@gecgudlavalloverumic.in
69	19481A0180	PARABATHINA SIVA GANESH	19481A0180@gecgudlavalloverumic.in
70	19481A0181	PARISE MADHANA GOPAL	19481A0181@gecgudlavalloverumic.in
71	19481A0182	PENUMALA AVINASH	19481A0182@gecgudlavalloverumic.in
72	19481A0184	PINISSETTY BHARATH	19481A0184@gecgudlavalloverumic.in
73	19481A0185	POTULA VEERA KARTHEEK	19481A0185@gecgudlavalloverumic.in
74	19481A0186	PULAVARTHI MOSES	19481A0186@gecgudlavalloverumic.in



75	19481A0187	PULIGADDA MEENAKSHI	19481A0187@gecgudlavallesumic.in
76	19481A0188	PULIVARTHI PRASANTHI	19481A0188@gecgudlavallesumic.in
77	19481A0189	PUTTI SAI KRISHNA	19481A0189@gecgudlavallesumic.in
78	19481A0190	RAJESH PETLA	19481A0190@gecgudlavallesumic.in
79	19481A0191	SHAIK SYFUDDIN	19481A0191@gecgudlavallesumic.in
80	19481A0192	SIMHADRI DHATRI AISHWARYA	19481A0192@gecgudlavallesumic.in
81	19481A0193	SOMANAPALLI RAJESH	19481A0193@gecgudlavallesumic.in
82	19481A0194	SRIRAM SASANK	19481A0194@gecgudlavallesumic.in
83	19481A0195	THOMMANDRU SAI NIKHIL	19481A0195@gecgudlavallesumic.in
84	19481A0196	THOTA SESA SAI PRAVEEN	19481A0196@gecgudlavallesumic.in
85	19481A0197	TIRUMALASETTY NAVEEN	19481A0197@gecgudlavallesumic.in
86	19481A0198	TUMMALAGUNTA POORNA VEERA VENKATA SUDHEER	19481A0198@gecgudlavallesumic.in
87	19481A0199	UPPUTURU SAI JAGADEESH	19481A0199@gecgudlavallesumic.in
88	19481A01A0	VADLAMUDI RAMA KRISHNA	19481A01A0@gecgudlavallesumic.in
89	19481A01A1	VEMULAPALLI GANESH KRISHNA	19481A01A1@gecgudlavallesumic.in
90	19481A01A2	VENTRAPRAGADA ADITYA SIVA KALYAN	19481A01A2@gecgudlavallesumic.in
91	19481A01A4	YALLA VENKATA KRISHNA REDDY	19481A01A4@gecgudlavallesumic.in
92	19481A01A5	YARLAGADDA HEMA SAI KIRAN	19481A01A5@gecgudlavallesumic.in
93	19481A01A6	YARLAGADDA SAI KRISHNA	19481A01A6@gecgudlavallesumic.in
94	19481A01A7	YATHAM CHANDRA MOULISWAR REDDY	19481A01A7@gecgudlavallesumic.in
95	20485A0101	ANAGANI SASI KUMAR	20485A0101@gecgudlavallesumic.in
96	20485A0102	ANGALAKURTHI RAJ KUMAR	20485A0102@gecgudlavallesumic.in
97	20485A0103	BADARLA NAGA VENNELA	20485A0103@gecgudlavallesumic.in
98	20485A0104	BANDARU KEERTHI SREE	20485A0104@gecgudlavallesumic.in
99	20485A0105	BATTULA ANIL KUMAR	20485A0105@gecgudlavallesumic.in
100	20485A0106	BHATTA RAVI	20485A0106@gecgudlavallesumic.in
101	20485A0107	BHATTA SYAM PRASAD	20485A0107@gecgudlavallesumic.in
102	20485A0108	BOBBA KUMAR BABU	20485A0108@gecgudlavallesumic.in
103	20485A0109	CHEBOINA ESWAR SAI	20485A0109@gecgudlavallesumic.in
104	20485A0110	CHEBOINA SIREESHA	20485A0110@gecgudlavallesumic.in
105	20485A0111	CHERUKURI DEEPAK	20485A0111@gecgudlavallesumic.in
106	20485A0112	CHINTADA JAYA SURYA	20485A0112@gecgudlavallesumic.in
107	20485A0113	DARISE JESWANTH	20485A0113@gecgudlavallesumic.in
108	20485A0114	DARISI JYOTHI SWAROOP	20485A0114@gecgudlavallesumic.in
109	20485A0115	DEVARAKONDA VENKATA KRISHNA	20485A0115@gecgudlavallesumic.in
110	20485A0116	DHARAVATHU SIVAJI	20485A0116@gecgudlavallesumic.in
111	20485A0117	DIWANJI JABIVULLA	20485A0117@gecgudlavallesumic.in
112	20485A0118	DONGA RAKESH	20485A0118@gecgudlavallesumic.in
113	20485A0120	GANGANAPALLI RAVITEJA	20485A0120@gecgudlavallesumic.in
114	20485A0121	GANTA MAHENDRA KUMAR	20485A0121@gecgudlavallesumic.in
115	20485A0122	GORRELA VINAY	20485A0122@gecgudlavallesumic.in



116	20485A0123	GUDALA VENKATA PHANINDRA KUMAR	20485A0123@gecgudlavalloverumic.in
117	20485A0124	JAGU VENKAT	20485A0124@gecgudlavalloverumic.in
118	20485A0125	KAGITHA NAGA HARI BABU	20485A0125@gecgudlavalloverumic.in
119	20485A0126	KAMBHAM SRI HARSHA	20485A0126@gecgudlavalloverumic.in
120	20485A0127	KANCHARANA PAVAN KALYAN	20485A0127@gecgudlavalloverumic.in
121	20485A0128	KASUKURTHI PRAVEEN	20485A0128@gecgudlavalloverumic.in
122	20485A0129	KOLUSU HEMACHANDRA MOULI	20485A0129@gecgudlavalloverumic.in
123	20485A0130	KOMMAVARAPU RAHUL	20485A0130@gecgudlavalloverumic.in
124	20485A0131	KOTA RAJU	20485A0131@gecgudlavalloverumic.in
125	20485A0132	KOWTHAVARAPU NAGA VENKATA NIVAS	20485A0132@gecgudlavalloverumic.in
126	20485A0133	LAM SANJAY	20485A0133@gecgudlavalloverumic.in
127	20485A0134	MANDALA HEMANTH KUMAR	20485A0134@gecgudlavalloverumic.in
128	20485A0135	MANDAVA GIRI ADITYA	20485A0135@gecgudlavalloverumic.in
129	20485A0136	MANDUKAM VEERA PARAMESWARA RAJU	20485A0136@gecgudlavalloverumic.in
130	20485A0137	MERAJOTHU LALU NAIK	20485A0137@gecgudlavalloverumic.in
131	20485A0138	MOHAMMAD AFRIDI	20485A0138@gecgudlavalloverumic.in
132	20485A0139	MOKA DIVI TEJA	20485A0139@gecgudlavalloverumic.in
133	20485A0140	NUNNA NAGA VENKATA SAI	20485A0140@gecgudlavalloverumic.in
134	20485A0141	PALLE VAMSI	20485A0141@gecgudlavalloverumic.in
135	20485A0142	PAMPANA SAI SUJA	20485A0142@gecgudlavalloverumic.in
136	20485A0143	PENDYALA RAMA SESHU	20485A0143@gecgudlavalloverumic.in
137	20485A0144	PENJARLLA DURGA VEERA BHADRA HEMANTH	20485A0144@gecgudlavalloverumic.in
138	20485A0145	PERE SAI KUMAR	20485A0145@gecgudlavalloverumic.in
139	20485A0146	PIPPALLA GAMANA	20485A0146@gecgudlavalloverumic.in
140	20485A0147	POTHANA HEMA HARIKA	20485A0147@gecgudlavalloverumic.in
141	20485A0148	PUTTEPU RAMESH	20485A0148@gecgudlavalloverumic.in
142	20485A0149	RAMISETTY PRASANGI KUMAR	20485A0149@gecgudlavalloverumic.in
143	20485A0150	REDDYPOGU JOHN	20485A0150@gecgudlavalloverumic.in
144	20485A0151	SAMEER SHAIK	20485A0151@gecgudlavalloverumic.in
145	20485A0152	SATHULURI BABU RAO	20485A0152@gecgudlavalloverumic.in
146	20485A0153	SHAIK HUSSAIN	20485A0153@gecgudlavalloverumic.in
147	20485A0154	SHAIK ROSHAN	20485A0154@gecgudlavalloverumic.in
148	20485A0155	SIRIYALA ANUHYA	20485A0155@gecgudlavalloverumic.in
149	20485A0156	THOTA MANIKANTA	20485A0156@gecgudlavalloverumic.in
150	20485A0157	THOTA NAGARAJU	20485A0157@gecgudlavalloverumic.in
151	20485A0158	TODETI SUVARNA RAJU	20485A0158@gecgudlavalloverumic.in
152	20485A0159	VADIGINA SIVA PRASANNA KUMAR	20485A0159@gecgudlavalloverumic.in
153	20485A0160	VAKKALAGADDA PRIDHVI	20485A0160@gecgudlavalloverumic.in
154	20485A0161	VEERABATHINA THAMBI SAGAR BABU	20485A0161@gecgudlavalloverumic.in
155	20485A0162	VEERAMALLU VISWAJA JYOTHIRMAI	20485A0162@gecgudlavalloverumic.in
156	20485A0163	VEMULA PANDU BABU	20485A0163@gecgudlavalloverumic.in

157	20485A0164	VITTAMSETTY MOUNIKA	20485A0164@gecgudlavalloverumic.in
158	20485A0165	VUTUKURI INDRA NAGA PHANI KUMAR	20485A0165@gecgudlavalloverumic.in
159	20485A0166	YARRAMSETTI SRUJANA	20485A0166@gecgudlavalloverumic.in
160	20485A0167	YERRAMSETTI NAGALAKSHMI	20485A0167@gecgudlavalloverumic.in
161	20485A0168	ADUSUMILLI ROHIT	20485A0168@gecgudlavalloverumic.in
162	20485A0169	KATURI JEEVAN KUMAR	20485A0169@gecgudlavalloverumic.in
163	20485A0170	GADDAM RAJYA LAKSHMI	20485A0170@gecgudlavalloverumic.in

  
Faculty Coordinator

  
HCE

  
Principal



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

**Department of Civil Engineering**

**Summary Report on "A two-week Value Added Course on Advanced Surveying"**

**14-09-2020 to 26-09-2020**

**Title of the course:** "Analysis of building using ETABS"

**Duration:** 14-09-2020 to 26-09-2020.

**Resource Persons:**

- Mr. N. Haripavan, Assistant Professor, 9014345098.
- Mrs.M.L.Sirisha, Assistant Professor, 9390488744.
- Mr.N.V.Srinivasa Rao, Assistant Professor, 9505497997.

**Objectives of the program:**

- To determine the basics of the field Surveying and related techniques.
- To demonstrate and make use of advanced surveying tool - Total station and GPS.

**Topics Covered:**

- Theodolite
- Total Station
- GPS
- DEM
- DGPS

**Outcomes of the program:**

- Use theodolite for different field surveys.
- Use total station for conduct of field surveys.
- Locate coordinates of stations using GPS.
- Understand the recent trends in the field Surveying.
- Use DGPS for Surveying

**No. of students enrolled the course: 163**

**No. of students completed the course: 160**





GPS Map Camera  
Krishna, Andhra Pradesh, India  
923R+7VX, Andhra Pradesh 521356, India  
Lat 16.353129°  
Long 81.042307°  
Google 18/09/20 01:00 PM GMT +05:30



GPS Map Camera  
Krishna, Andhra Pradesh, India  
923R+7VX, Andhra Pradesh 521356, India  
Lat 16.353129°  
Long 81.042307°  
Google 14/09/20 11:53 AM GMT +05:30

  
Faculty Coordinator

  
HCE

  
Principal



# GUDLAVALLERU ENGINEERING COLLEGE

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

Seshadri Rao Knowledge Village, Gudlavalluru - 521 356

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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### CIRCULAR

Date: 29-06-2021

The department of Electrical & Electronics Engineering is organizing a two-week Value-Added Course on **"DESIGN OF SOLAR AND PV SYSTEMS"** from 05-07-2021 to 17-07-2021 by **Mr. A. AMARENDRA** for II B. Tech students of all the branches. Hence all the students are informed to enroll and attend the course without fail.

  
HOD(I/c)

  
Principal

Copy to

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ME 

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CSE 

IT 

MBA 



**A TWO WEEK  
VALUE ADDED COURSE  
on  
" DESIGN OF SOLAR AND PV SYSTEMS "**  
**05<sup>th</sup> JUL - 17<sup>th</sup> JUL, 2021**



**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

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

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

**Convenor:**

**Dr. B. Dasu**, Assoc. Prof & HOD

**Organizing Committee:**

**Coordinator:**  
**Dr. K. Kalyan Raj**, Assoc. Prof  
Mobile: 7981812072

**About 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.

**About 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-I) 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



#### Resource Persons:

- Mr. A. Amarendra, Associate Professor, Department of EEE, SRGEC  
Ph No:9502626726

#### Objectives of the Program:

- To develop a comprehensive technological understanding in solar PV system components
- To provide in-depth understanding of design parameters to help design and simulate the performance of a solar PV power plant
- To pertain knowledge about planning, project implementation and operation of solar PV power generation

#### Topics:

- PV Module Technology
- Types of PV Systems
- PV Plant Design Considerations and Standards
- Performance Parameters in solar PV system.
- PV Project Development

Platform:  
Offline

Eligibility: All II B. Tech Students  
Registration is free

#### About the course:

Solar Photovoltaic technology is used for direct conversion of sunlight to electricity with advantages of low gestation period, ease of installation, modular nature and minimum maintenance. The course is focused on techno-economics of power generation through solar PV technology. The course starts with the essence of solar PV power generation policies. It is followed by various aspects of system specification, design, project implementation and operation & maintenance. The course offers a blend of technical expertise required for design and operation of a solar PV power plant and the understanding of the management aspects required to implement and commission a PV power plant. It also covers the economic analysis of a PV project and its environmental benefits.

#### Expected Outcomes of the course:

- ❖ Develop understanding on the PV plant design and select suitable technologies.
- ❖ Design and simulate a PV power plant using software tool.
- ❖ Plan project implementation, operation and maintenance.
- ❖ Carry out techno-economic-environmental performance evaluation of a solar PV power plant.



#### About the Resource Person:

Mr. AMARENDRA ALLURI is working as Assistant Professor in Seshadri Rao Gudlavalleru Engineering and Electronics Engineering from 01<sup>st</sup> March 2001 to till date. He is pursuing his PhD in JNTUK Kakinada. He worked as a Testing and Commissioning Engineer in TEKTRAN Power Pvt Ltd during 01-11-1997 to 30-10-1999. He guided around 15 PG Projects and 60 B. Tech Projects. He published around 6 papers in International Journals, 3 in National and International Conferences. He organized around 6 workshops. He attended around 50 workshops and seminars. He has membership in various professional bodies like FIE (INDIA), MISTE, MIETE. He Organized an AICTE Sponsored One Day National Seminar on Non-Conventional Energy Sources on 24-10-2009 at Gudlavalleru Engineering College, sponsored by AICTE under seminar grant for an amount Rs75,000. He executed the Erection and Installations works of Power Systems Lab procured under MODROB funds sanctioned by AICTE on 21<sup>st</sup> December 2009 for an amount Rs. 14,25,000/- with the head "Establishment of Power Systems Lab" as Co-Coordinator. He received a grant of Rs 6,00,000 from AICTE under the scheme MODROBS for executing the works of Modernization of Power Electronic and Drives Lab. He received a grant of Rs 4,40,000/- from University Grants Commission provisionally as financial assistance for carrying the Minor Research Project Titled "Enhancement of Power System Security Using Metaheuristic Optimization Techniques" on the name of Principal Investigator.



**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**

**Program Schedule for Value Added Course titled "DESIGN OF SOLAR AND PV SYSTEMS" 05-07-2021 and 17-07-2021**

S. No.	Date	Topics to be Covered
1	05-07-2021	<ul style="list-style-type: none"><li>• Following solar energy from source to panel</li><li>• Solar Irradiance</li><li>• Finding Solar Insolation</li></ul>
2	06-07-2021	<ul style="list-style-type: none"><li>• Sun-atmosphere interactions</li><li>• Variation in insolation</li></ul>
3	07-07-2021	<ul style="list-style-type: none"><li>• PV module and array circuits</li><li>• Electricity and Circuits</li><li>• Circuitry Basics</li><li>• The PV Circuit</li></ul>
4	08-07-2021	<ul style="list-style-type: none"><li>• Measuring power in a PV circuit</li><li>• PV and Electrical Interactions- Efficiencies from cell to array</li><li>• Electrical characteristics in PV arrays- Variations in productivity</li></ul>
5	09-07-2021	<ul style="list-style-type: none"><li>• Bypass diodes vs. blocking diodes</li><li>• Photovoltaic module and array electrical characteristics</li></ul>
6	10-07-2021	<ul style="list-style-type: none"><li>• PV Sizing and Output</li><li>• Orientation and Tilt</li><li>• Temperature Dependent Output</li></ul>
7	12-07-2021	<ul style="list-style-type: none"><li>• Measuring Shading at a Site</li><li>• Analyzing Shading and Calculating Insolation</li><li>• PV Output Reduction Due to Shading</li></ul>
8	13-07-2021	<ul style="list-style-type: none"><li>• Finding critical temperature data</li><li>• Tools for Measuring Shading</li><li>• PV Watts Practice</li><li>• Shading calculations using PV Watts</li><li>• PV sizing and output under different conditions</li></ul>
9	14-07-2021	<ul style="list-style-type: none"><li>• Array Sizing and Module Selection</li><li>• Inverter Sizing and Selection</li></ul>
10	15-07-2021	<ul style="list-style-type: none"><li>• String sizing for the inverter</li><li>• Site checklists and Unified Solar Permits</li></ul>

11	16-07-2021	<ul style="list-style-type: none"> <li>Putting it all together to design a photovoltaic system.</li> </ul>
12	17-07-2021	<ul style="list-style-type: none"> <li>Hands on Training to Design.</li> </ul>

  
Coordinator

  
HOD(I/c)

  
Principal





### GUDLAVALLERU ENGINEERING COLLEGE

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

Seshadri Rao Knowledge Village, Gudlavalleru, Krishna (Dt), Andhra Pradesh 521356.

**List of Students Enrolled for the Value-Added Course titled "Design of Solar and PV Systems"  
(05-07-2021 to 17-07-2021)**

S.no	Roll Number	Name of the Student
1	19481A0201	ABDUL AZEES
2	19481A0202	ABDUL KABIR
3	19481A0203	BADUGU DINESH BABU
4	19481A0204	BANDARU SAI GANESH
5	19481A0205	BANDI SAI VITAL
6	19481A0206	BATCHU VEERA PHANI JYOTHI KRISHNA
7	19481A0207	BEZAWADA UMA KRISHNA
8	19481A0208	BORRA DIVYA SREE
9	19481A0209	BORRA LOKESH
10	19481A0210	BOTCHA UMA MAHESH
11	19481A0211	CHANDIKA VINEELA
12	19481A0212	CHAVALI MANOJ KUMAR
13	19481A0213	CHIRAMANI VINOD KUMAR
14	19481A0214	CHITIRALA SREENIVAS
15	19481A0215	DONE VASANTHA KUMARI
16	19481A0216	DURGA PRABHU RANIMEKHALA
17	19481A0217	GARAPATI TEJASWI
18	19481A0218	GORLA PRADEEP
19	19481A0219	GUMMADI SEETHA
20	19481A0220	GUMMADIDALA SIVA NAGA SAI
21	19481A0221	GURRALA SAI RAJESH
22	19481A0222	HEMANTH GUNTI
23	19481A0223	INTI JASWANTH
24	19481A0224	JAMALAPURAM JHANSI
25	19481A0225	JANNU SAI DEEPAK
26	19481A0226	JONNALA SWATHI
27	19481A0227	JONNALLAGADDA SAI SANDEEP
28	19481A0228	KAGITA DEEPIKA
29	19481A0229	KAMIREDDY CHENNA NAGA ANVESH REDDY
30	19481A0230	KANCHERLA MANOJ KUMAR
31	19481A0231	KANTETI DILEEP KUMAR
32	19481A0232	KATIKALA LAHARI
33	19481A0233	KODALI MANOJ KUMAR
34	19481A0234	KOKI GNANA SREE
35	19481A0235	KOLLAREDDY GAYATHRI
36	19481A0236	KOLLI NAVEEN NAIDU
37	19481A0237	KONAKALLA DURGA BHAVANI
38	19481A0238	KONDETI VENKATA DASU

39	19481A0239	KONDRU KEERTHANA
40	19481A0240	KOTA ANUSHA
41	19481A0241	KOTE BALU
42	19481A0242	KOTTALI BHARGAV
43	19481A0243	KURRA VENKATA SIVA
44	19481A0244	LINGAM KAVYA
45	19481A0245	LOYA GAYATHRI
46	19481A0246	MAGANTI GAYATHRI DEVI
47	19481A0247	MAMIDI DURGA RAO
48	19481A0248	MAMILLAPALLI MEGHANA
49	19481A0249	MATHI JAHNAVI SAI BHAVANI
50	19481A0250	MOGASALA SAI
51	19481A0251	MULLAPUDI CHARAN SUJAY
52	19481A0252	MURARI VEERA AMALESWARA RAO
53	19481A0253	MURUGUDU UDAY
54	19481A0254	MUTYALA RAKESH
55	19481A0255	NAGADASU ANGEL SUNDARI
56	19481A0256	NAIDU VARAPRASAD
57	19481A0257	NIMMAGADDA VENKATA SRINIVASA RAO
58	19481A0258	NUNNA BHARGAVI
59	19481A0259	OLETI USHA
60	19481A0260	ORSU LAKSHMI TIRAPATHAMMA
61	19481A0261	OSURI PARDHA VENKATA NARENDRA KUMAR
62	19481A0262	PADAMATA KIRANMAI
63	19481A0263	PARASA LAKSHMI DURGA VARA PRASAD
64	19481A0264	PATHURI AJAY
65	19481A0265	PILLI PURNA SATYA SAI KUMAR
66	19481A0266	PILLI TEJA
67	19481A0267	POTU SUBBARAO
68	19481A0268	PULIGUJJU HAREESH
69	19481A0269	RAMANI SAI SANTHOSH
70	19481A0270	SAMIDESI PRASHANTH RAJU
71	19481A0271	SAMMETA MAHALAKSHMI
72	19481A0272	SAMUDRALA SAICHARAN
73	19481A0273	SANIKOMMU SRINIVASA REDDY
74	19481A0274	SAYILA VANDANA
75	19481A0275	SEGU SRI HARSHITHA
76	19481A0276	SOWMYA KUNDETI
77	19481A0277	TADISETTI RAJYA LAKSHMI
78	19481A0278	TENALI LAKSHMI GANESH
79	19481A0279	TUNUGUNTLA MEGHANA NAGA VENKATA MADHURI
80	19481A0280	UMMA REDDY SUBBA REDDY
81	19481A0281	VALLURUPALLI NAGA VENKATA HARSHITHA
82	19481A0282	VEMULAMADA RAKESH BABU
83	19481A0283	VENKATA RAGHAVENDRA PRABHU CHIMATA
84	19481A0284	VENNA HEMANTH
85	19481A0285	VINNAKOTA RAJA SRIKAR
86	19481A0286	NANDRU JAGA JEEVAN



87	19481A0287	CHALAMALASETTI SAI PRAVALLIKA
88	20485A0201	POLAGANI KONDA JAYAPRAKASH
89	20485A0202	DAKAMURI SUDHEER KUMAR
90	20485A0203	JANNU VENKATA NARAYANA
91	20485A0204	VANGA JEEVESH
92	20485A0205	SHEIK SAYYAD ABBAS
93	20485A0206	KOTA VIJAY BABU
94	20485A0207	SHAIK IRFAN
95	20485A0208	BANALA RAJU
96	20485A0209	KANDIKONDA DINESH KARTHIK
97	20485A0210	PAILA GAYATHRI
98	20485A0211	UYYALA VENKATA SIVA NAGESWARA RAO
99	20485A0212	MAMIDISETTI DURGA DEVI
100	20485A0213	MORAMPUDI NAVYA
101	20485A0214	SEELAM VEERA NARAYANA REDDY
102	20485A0215	AKARAPU JYOTHSNA
103	20485A0216	VEERABATTINA BHAVANI
104	20485A0217	MUVVALA NAGA YASWANTH PAVAN KUMAR
105	20485A0218	GOLLAPALLI ESWARARAO
106	20485A0219	MAJETI PAVAN SATYA MANIKANTA
107	20485A0220	MOCHARLA PAVANI
108	20485A0221	MALLAMPALLI VEERA VENKATA JAGADEESH RAJU
109	20485A0222	BADUGU VENKATA SATYA JAGADEESH
110	20485A0223	GUMMADI MANOJ SAI
111	20485A0224	NAMALA TANOOJA
112	20485A0225	VINNAKOTA NAVYA
113	19485A0262	RAVURI YUVA RAJU
114	19485A0264	RAGI CHANDU NAGA KOTESWAR

  
Coordinator

  
HOD(I/c)

  
Principal



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

**Department of Electrical and Electronics Engineering**

**Report on Value Added Course titled “ DESIGN OF SOLAR AND PV SYSTEMS”**

**Title of the course: “*DESIGN OF SOLAR AND PV SYSTEMS*”**

**Duration:** 05-07-2021 to 17-07-2021

**Resource Persons:**

- Mr. A. AMARENDRA, Associate Professor, Gudlavalleru Engineering College.

**Objectives of the program:**

- To develop a comprehensive technological understanding in solar PV system components
- To provide in-depth understanding of design parameters to help design and simulate the performance of a solar PV power plant
- To pertain knowledge about planning, project implementation and operation of solar PV power generation

**Topics Covered:**

- PV Module Technology
- Types of PV Systems
- PV Plant Design Considerations and Standards
- Performance Parameters in solar PV system.
- PV Project Development

**Outcomes of the program:**

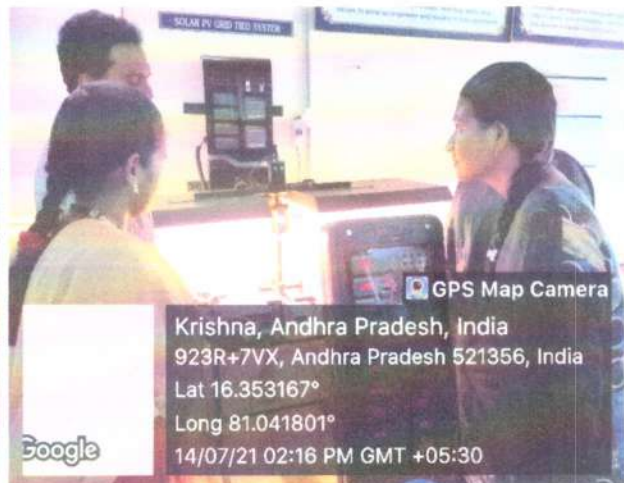
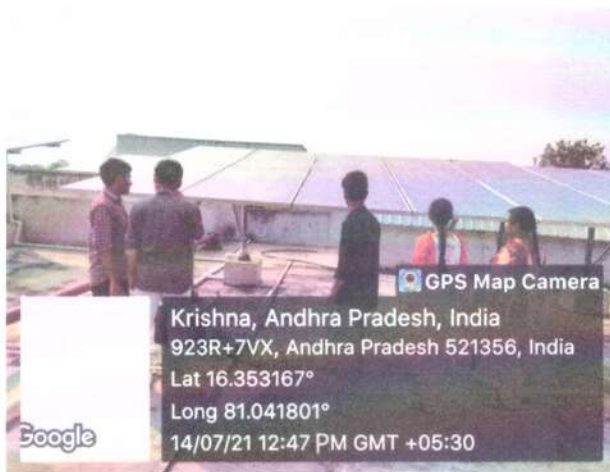
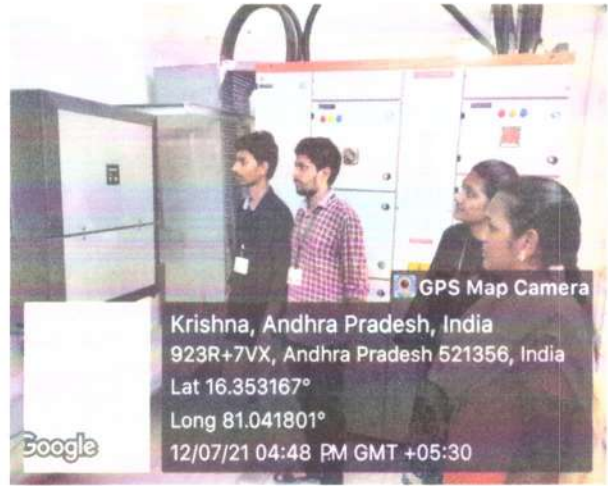
After the completion of the course the students will be able to

- ❖ Develop understanding on the PV plant design and select suitable technologies.
- ❖ Design and simulate a PV power plant using software tool.
- ❖ Plan project implementation, operation and maintenance.
- ❖ Carry out techno-economic-environmental performance evaluation of a solar PV power plant

**No. of students enrolled the course: 114**

**No. of students completed the course: 109**





  
 Coordinator

  
 HOD(I/c)

  
 Principal



# GUDLAVALLERU ENGINEERING COLLEGE

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

Seshadri Rao Knowledge Village, Gudlavalleru - 521 356

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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### CIRCULAR

Date:01-06-2021

The department of Electrical & Electronics Engineering is organizing a three-week Value-Added Course on "Introduction to Software Tools and their applications in Electrical & Electronics Engineering" from 07-06-2021 to 26-06-2021 by Apply Volt Technologies Pvt Ltd, Hyderabad for III B. Tech students of all the branches in association with ESCON in virtual mode using Microsoft Teams. Hence all the students are informed to enroll and attend the course without fail.

  
HOD(I/c)

  
Principal

Copy to

CE 

EEE 

ME 

ECE 

CSE 

IT 

MBA 





**A THREE WEEK  
VALUE ADDED COURSE**

**" INTRODUCTION TO SOFTWARE TOOLS  
AND THEIR APPLICATIONS IN  
ELECTRICAL & ELECTRONICS  
ENGINEERING "**

**07<sup>th</sup> JUN - 26<sup>th</sup> JUN, 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

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

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

**Convenor:**

**Dr. B. Dasu, Assoc. Prof & HOD**

**Organizing Committee:**

**Coordinator:**

**Mr. E. Vargil Kumar, Associate Professor**

**Mobile: 9502392817**

**About the College:**

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#### Resource Persons:

- Mr. N. Ramesh, CEO, Apply Volt Technologies, Hyderabad.  
Ph No: 9000900485
- Team Apply Volt Technologies, Hyderabad

#### Objectives of the Program:

- To introduce various software tools and their applications in electrical engineering.
- To explore IoT Cloud Platforms, Raspberry Pi and ESP 32 tools and their applications during the course
- To be familiarized with general PCB Design flow, types of PCB and EDA tools.

#### Topics:

- IoT Cloud Platforms
- Raspberry Pi, ESP 32
- AI & ML Training and their algorithms
- PCB Design, its types and hands-on training in designing prototypes.

#### Platform:

Microsoft Teams

Eligibility: All III B. Tech Students

Registration is free



#### About the course:

The practical exposure is must important for engineering under graduate students, but the software programs can provide an additional support to them for better and easy learning. There are various software and these can be used for learning the various electrical engineering subjects like circuit theory, control system, power system, power electronics and drive etc. In all the sector of engineering i.e., power plants, distribution substation also in industry various monitoring is done by with the help of computer. All the designs of distribution system and electrical machines, house and building winding is prepared by computer software. So, there is an important role of software in real life engineering. It is very important to educate the future engineers with the help of software for their better carrier and better understanding. This course provides a platform to learn the latest software tools to the students for finding the better applications in engineering

#### Expected Outcomes of the course:

- Students will be able to know the latest advancements in software tools and other technologies
- Students will have hands-on instruction and practice exercises using industry-standard design tools and software.
- Students will be able to learn the algorithms related to AI and Machine Learning.

#### About APPLY VOLT TECHNOLOGIES PVT LTD

APPLY VOLT emerged as an Electronics company specializing in high end technology of VLSI, EDA tools, TCAD, DSP,IOT, PCB, AI&ML, SPICE Modelling & fabrication services for Corporates, Research Labs & Academic Sector.

They offer a complete portfolio of Hardware Design Services for single board design, Multi board system design, FPGA based designs, reference designs, evaluation platforms, power optimized designs, small factor designs, high density boards.

They engage customers in deep technical discussions in order to learn their needs and work together with customer to provide solutions that meet their actual requirements. With their technical strength and the readiness for deep and long-term involvement, they are confident in providing service of the highest quality. Today, they offer world-class products and just in time service to its customers.

Their university program started establishing collaborative relations with the universities in the country in order to create bridge between academia and industry. This relationship has evolved through collaboration with faculty on curriculum design, setting up curriculum labs, conducting workshops, seminars, faculty development programs and knowledge exchanges. APPLY VOLT has been known for Excellent in its services.





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

**Department of Electrical and Electronics Engineering**

**Program Schedule for Value Added Course titled “Introduction to Software Tools and their Applications in Electrical & Electronics Engineering” 07-06-2021 to 26-06-2021**

S. No.	Date	Topics to be Covered
1	07-06-2021	<ul style="list-style-type: none"> <li>• ApplicationsofIoT</li> <li>• IoTCloudPlatforms</li> </ul>
2	08-06-2021	<ul style="list-style-type: none"> <li>• Importanceof Microcontrollers and SoC (Arduino,ESP-32andRaspberrypi)</li> <li>• Introductionto RaspberryPi(BoardExplanation,RaspberrypiOSinstallation.</li> </ul>
3	09-06-2021	<ul style="list-style-type: none"> <li>• SensorIntegrationwithRaspberryPi(DHT11andUltrasonic)</li> <li>• DataMonitoringinthecloud usingRaspberryPi</li> </ul>
4	10-06-2021	<ul style="list-style-type: none"> <li>• DeviceControlfromThingspeak</li> <li>• DevicecontrolusingtheMobilephone(MQTT)</li> </ul>
5	11-06-2021	<ul style="list-style-type: none"> <li>• IntroductiontoNode-Red</li> <li>• IntroductiontoESP 32</li> </ul>
6	12-06-2021	<ul style="list-style-type: none"> <li>• BluetoothapplicationinESP32</li> <li>• CloudapplicationsusingESP32(DataMonitoringandDevice Control)</li> </ul>
7	14-06-2021	<ul style="list-style-type: none"> <li>• PythonMLPackage</li> <li>• Hands-On:Pandas-DataExploration</li> <li>• Hands-On:Skylearn-MachineLearningAlgorithm</li> </ul>
8	15-06-2021	<ul style="list-style-type: none"> <li>• Hands-On:Matplotlib-DataVisualization</li> <li>• Hands-On:Seaborn-DataVisualization</li> </ul>
9	16-06-2021	<ul style="list-style-type: none"> <li>• Algorithm</li> <li>• SupervisedLearningAlgorithm</li> </ul>
10	17-06-2021	<ul style="list-style-type: none"> <li>• Regression</li> <li>• Project1</li> </ul>
11	18-06-2021	<ul style="list-style-type: none"> <li>• Project2</li> <li>• Project 3</li> </ul>

12	19-06-2021	<ul style="list-style-type: none"> <li>• Basic Electronics Components</li> <li>• Types of Components</li> <li>• Package Type</li> </ul>
13	21-06-2021	<ul style="list-style-type: none"> <li>• Terminology</li> <li>• PCB Design Flow</li> </ul>
14	22-06-2021	<ul style="list-style-type: none"> <li>• Electronics Circuits</li> <li>• Types of PCB</li> <li>• Substrate Type</li> </ul>
15	23-06-2021	<ul style="list-style-type: none"> <li>• PCB Connection</li> <li>• PCB Standards</li> </ul>
16	24-06-2021	<ul style="list-style-type: none"> <li>• EDA Tools</li> <li>• Component Placement guidelines</li> </ul>
17	25-06-2021	<ul style="list-style-type: none"> <li>• Library Creation &amp; Footprint generation for SMD components</li> <li>• Library Creation &amp; Footprint generation for T.H components</li> </ul>
18	26-06-2021	<ul style="list-style-type: none"> <li>• PCB Designing guidelines</li> <li>• Design Rules</li> </ul>



Coordinator



HOD(I/c)



Principal





## GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation To JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru, Krishna (Dt), Andhra Pradesh 521356.

### List of Students Enrolled for the Value-Added Course titled "Introduction to Software-tools and their applications in Electrical & Electronics Engineering"

(07-06-2021 to 26-06-2021)

S.no	Roll Number	Name of the Student
1	18481A0201	ACHALLA HYMAVATHI
2	18481A0202	AJJANAPUDI SIVA SESA SAINADH
3	18481A0203	ALURI SUPRIYA
4	18481A0204	ANUMUKONDA NAGA PAVAN CHANDU
5	18481A0205	AVISANA PRAVALLIKA
6	18481A0206	BADUGU VIJAY KUMAR
7	18481A0207	BALIJEPAI KAUSHIK VENKAT SAI
8	18481A0208	BARMA RAVI KUMAR
9	18481A0209	BAVISETTI NAGA VEERA VENKATA SUDHEER
10	18481A0210	BAYIREDDY VARA PRASAD
11	18481A0211	BEERAM JYOTHSNA NAGA SRI
12	18481A0212	BOBBY UPPALA
13	18481A0213	BODICHERLA SAI PRASANNA KUMAR
14	18481A0214	BOREDDY BHARGAVA
15	18481A0215	BURUGUPALLI JAYACHANDRA CHOWDARY
16	18481A0216	CHOPPARAPU BINDU SRI VENKATA SAI LAKSHMI
17	18481A0217	CHEBROLU SUPRAJA
18	18481A0218	CHINIMILLI GANESH LAKSHMI NARASIMHA
19	18481A0219	CHONGALA GANAPATHI
20	18481A0220	CHUNDRU MOHAN KRISHNA
21	18481A0221	DAMISETTI ANAND KUMAR
22	18481A0222	DEVANDLA PRAVEEN KUMAR
23	18481A0223	DHARMAVARAPU PRADEEP KUMAR
24	18481A0224	DODDA LATHANJALI
25	18481A0225	DOKKU VARA LAKSHMI
26	18481A0226	DOMMETI GANESH
27	18481A0227	GANGU MAHESH
28	18481A0228	GUDURU YASWANTH SIVA SAI TEJA
29	18481A0229	GORRE SUBBA RAO
30	18481A0230	GUMMADI CHANDU
31	18481A0231	JUJUVARAPU PRAVEEN JOSHI
32	18481A0232	KADAVAKOLLU BALA SUBRAHMANYAM
33	18481A0233	KAKANI SANJAY KUMAR
34	18481A0234	KALAPALA SIVA JYOTSNA
35	18481A0235	KANCHARLA DEEPAK TEJA
36	18481A0236	KATIKALA SUNDAR KUMAR
37	18481A0237	KAVULURI SAHITH
38	18481A0238	KODALI AJAY BABU
39	18481A0239	KODAMANCHILI VARUN JOSH



40	18481A0240	KOLAGATLA VENKATA SIVAREDDY
41	18481A0241	KOLLA DHARMA TEJA
42	18481A0242	KOLLURI REVANTH
43	18481A0243	KOLUSU RAJESH
44	18481A0244	KOMARAVOLU ROHITH
45	18481A0245	KOMMU VIJAY KUMAR
46	18481A0246	KONA SATISH
47	18481A0247	KORLAPATI GAYATHRI DEVI
48	18481A0248	KOSIREDDY TAGORE RAO
49	18481A0249	KOSURU RESHMA
50	18481A0250	KOTARI YEDUKONDALA NAGA SAI VINAY
51	18481A0251	KOTHALANKA MOHAN KUMAR
52	18481A0252	KOWJU VIJAYA BABU
53	18481A0253	KUNAPAREDDY ADITYA SAI RAM
54	18481A0254	KUNDETI LAKSHMI SAI
55	18481A0255	KURICHETI ADITYA
56	18481A0256	KUSAM TEJA SRI
57	18481A0257	LAVU GIRISH
58	18481A0258	MALAVATHU SINDHUJA
59	18481A0259	MALE MAHENDRA
60	18481A0260	MANDALA RAMESH BABU
61	18481A0261	MANNE SAI LAKSHMAN
62	18481A0262	MEKALA NAVEEN BABU
63	18481A0263	MERUGUMALA PAVAN KUMAR
64	18481A0264	MOHAMMAD ALTHAF RAZA HUSSAIN
65	18481A0265	MOHAMMED ALI
66	18481A0266	MOKKALAKATHI POORNIMA
67	18481A0267	NARRA GOPI CHAND
68	18481A0268	NERUSU VIJAY KUMAR
69	18481A0269	PAGOLU MAHITHA
70	18481A0270	PEDAPROLU VENKATA N RAGHAVENDRA SIDDHARDHA
71	18481A0271	PENJERTHI SALOMI
72	18481A0272	POTTI VENKATA SAI
73	18481A0273	PRIYANKA AAKURI
74	18481A0274	RACHURI LAKSHMI
75	18481A0275	RAJULAPATI VENKATA SAI
76	18481A0276	REMALLI NIKITHA
77	18481A0277	SABINKAR INDRANI
78	18481A0278	SAMMETA MANOJ KUMAR
79	18481A0279	SANAKA SATYANARAYANA
80	18481A0280	SANDAKA CHAITANYA KUMAR
81	18481A0281	SAYALA MEGHANA RANI
82	18481A0282	SAYYAD IBRAHIM
83	18481A0283	SEKUBOYINA SAI SUNANDINI
84	18481A0284	SYED SULEMAN
85	18481A0285	TALARI BHANU PRAKASH
86	18481A0286	TALARI PAVANI
87	18481A0287	TAVVA GAYATHRI



88	18481A0288	THORLAPATI MAHESH TEJA
89	18481A0289	TOKALA SIVANJALI
90	18481A0290	TURLAPATI SESHASAI SRILEKHA
91	18481A0291	UMMANABOYINA GOPI KRISHNA
92	18481A0292	UNNAM SRAVYA
93	18481A0293	UPPARAPALLI SARANYA
94	18481A0294	VANAMALA GAYATHRI
95	18481A0295	VENIGANDLA DIVYA
96	18481A0296	VINNAKOTA KUSHAL KUMAR
97	18481A0297	YAKKATI REVATHI
98	18481A0298	YARRA SIVA RAJ
99	18481A0299	YELISETTY ASHOK
100	19485A0201	DARAM VINAY
101	19485A0202	POTHURAJU KANAKA VIJAYALAKSHMI VIGNESWARI
102	19485A0203	ANGADALA NAGA HEMANTH
103	19485A0204	BETHAPUDI RAJKAMAL
104	19485A0205	MOPIDEVI NAGA DORA BABU
105	19485A0206	MATTA LAKSHMIPRASANNA
106	19485A0207	SRIPARTHI VIJAY KUMAR
107	19485A0208	TATI SURESH KRISHNA
108	19485A0209	KANAGALA DINESH CHANDRA
109	19485A0210	CHINNAM KAMALESH KUMAR
110	19485A0211	REMAILI MADHU NAGA VENKATA DURGA PRASAD
111	19485A0212	KANDULA VAMSI KRISHNA
112	19485A0213	SAKALA SAMPATH KUMAR
113	19485A0214	MEDANKI CHARAN SAI
114	19485A0215	BOLLAVARAPU LAKSHMANA BABU
115	19485A0216	ALIBILLI BHAVANI
116	19485A0217	MOHAMMAD SALAMTHULLA
117	19485A0218	MODUGUMUDI HARIKA
118	19485A0219	BEZAWADA SURENDRA
119	19485A0220	GURUGUBELLI CHANDRAMOULI
120	19485A0221	KANCHERLA NAGA DURGA RAO
121	19485A0222	KURRA GOPI KISHORE
122	19485A0223	ALLADA SAI CHANDU
123	19485A0224	BONTHU GOPI REDDY
124	19485A0225	DESABOYINA BHANU CHANDAR
125	19485A0226	MATTA YUGANDHAR BABU
126	19485A0227	KURRALA PUNEETH
127	19485A0228	KONDAVEETI MANIKANTA
128	19485A0229	BEJJAM RATNA KUMAR
129	19485A0230	GUDIDI SAI KUMAR
130	19485A0231	GANDHAM NAGA RATNA PRIYA
131	19485A0232	SHAIK NADEEM
132	19485A0233	KUMMARIKUMTLA SATYA SAI
133	19485A0234	DAGANI ANUSHA
134	19485A0235	BOLEM PREETHI VYSHNAVI
135	19485A0236	RAYAPALLI HEMA LATHA

136	19485A0237	VUDIGA SHANMUKHA SRI VALLI
137	19485A0238	PILLA BHASKAR RAO
138	19485A0239	NIKETH MATTA
139	19485A0240	GUNJI USHA SRI
140	19485A0241	KORAMPALLI ASHOK
141	19485A0242	KOTHAGUNDU KIRAN SAI NAGA VENKATA PRAVEEN
142	19485A0243	VANKUDOTHU PRAVEEN SINGH
143	19485A0244	GIDDA VASUNDHARA DEVI
144	19485A0245	DHARMAVARAPU SAI KUMAR
145	19485A0246	PARASA HARIKA
146	19485A0247	KAREEM KHAN
147	19485A0248	BOLLEPOGU NARENDRA
148	19485A0249	UPPALAPU HIMA BINDU
149	19485A0250	TALLA JESWANTH
150	19485A0251	ANANTHA SIVASESHU
151	19485A0252	MOHAMMED HYDER ABBAS
152	19485A0253	VEMU KAVYA
153	19485A0254	GATTU VALLIPADMA
154	19485A0255	MANEPALLI VAIBHAV SAMPATH KUMAR
155	19485A0256	DOKKU HEMA GOVARDHAN RAO
156	19485A0257	AMARLAPUDI UDAYTEJA
157	19485A0258	KANDULA SOWJANYA
158	19485A0259	BANAVATHU SYAM NAYAK
159	19485A0260	NEKKANTI MURALI MANOHAR
160	19485A0261	RAVULAPALLI CHANDRIKA
161	19485A0262	RAVURI YUVA RAJU
162	19485A0263	BANDELA EESWAR
163	19485A0264	RAGI CHANDU NAGA KOTESWAR

  
Coordinator

  
HOD(I/c)

  
Principal





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



**Department of Electrical and Electronics Engineering**

**Report on Value Added Course titled “ Introduction to Software Tools and their Applications in Electrical & Electronics Engineering”**

**Title of the course: “*Introduction to Software Tools and their Applications in Electrical & Electronics Engineering*”**

**Duration:** 07-06-2021 to 26-06-2021

**Resource Persons:**

- Mr. N. Ramesh, CEO, Apply Volt Technologies, Hyderabad
- Team Apply Volt Technologies, Hyderabad

**Objectives of the program:**

- To introduce various software tools and their applications in electrical engineering.
- To explore IoT Cloud Platforms, Raspberry Pi and ESP 32 tools and their applications during the course.
- To be familiarized with general PCB Design flow, types of PCB and EDA tools.

**Topics Covered:**

- IoT Cloud Platforms
- Importance of Microcontrollers and SoC
- Raspberry Pi, ESP 32
- Device Control from Thingspeak
- Device Control using the mobile phone (MQTT)
- Introduction to Node Red
- AI & ML Training and their algorithms
- PCB Design, its types and hands-on training in designing prototypes.

**Outcomes of the program:**

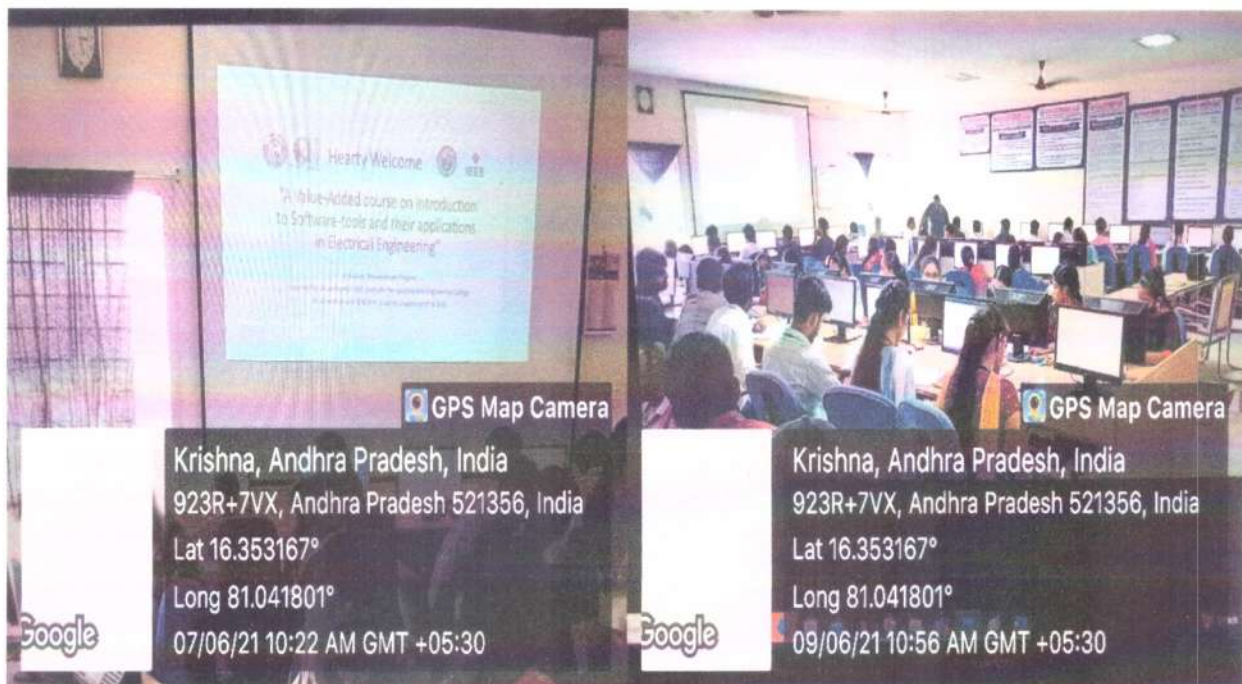
- Knowing the latest technologies: In order to stay up-to-date with the latest technologies, students will need to actively seek out information and resources beyond what is covered in the course. This may involve reading industry publications, attending conferences, or participating in online forums. The course can provide a foundation of knowledge and help students understand the key trends and emerging technologies to watch for.

- Designing a PCB: This will require students to understand the principles of printed circuit board (PCB) design, including electrical and mechanical requirements, signal integrity, and manufacturability. They will also need to be familiar with industry-standard software tools for PCB layout and design, such as Altium, Eagle, or KiCad.
- Learning algorithms related to AI and machine learning: This will involve understanding the basics of how AI and machine learning work, including the various algorithms used for tasks such as classification, clustering, and regression.

Overall, the course should provide a comprehensive overview of the latest technologies and tools in the field of technology and engineering, and provide hands-on experience with designing PCBs and implementing AI and machine learning algorithms.

**No. of students enrolled the course: 163**

**No. of students completed the course: 158**



  
Coordinator

  
HOD(I/c)

  
Principal





# GUDLAVALLERU ENGINEERING COLLEGE

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

Seshadri Rao Knowledge Village, Gudlavalleru - 521 356

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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### CIRCULAR

Date:11-11-2020

The department of Electrical & Electronics Engineering is organizing a Two-week Value-Added Course on "PYTHON PROGRAMMING" from 16-11-2020 to 28-11-2020 by **Dr. K. Kalyan Raj** Assistant Professor, Department of EEE, Gudlavalleru Engineering College for IV B. Tech students of all the branches. Hence all the UG students are informed to enroll and attend the course without fail.

  
HOB(I/c)

  
Principal

Copy to

CE 

EEE 

ME 

ECE 

CSE 

IT 

MBA 



**A TWO WEEK  
VALUE ADDED COURSE  
on  
" PYTHON PROGRAMMING "**  
**16<sup>th</sup> NOV - 28<sup>th</sup> NOV, 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-521 366,  
Krishna Dist. A.P. (Approved by AICTE, New Delhi,  
Accredited by NBA )

Phone: (08674) 273737, 273888,  
Fax: (08674) 273957

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

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

**Convenor:**

**Dr. B. Dasu, Assoc. Prof & HOD**

**Organizing Committee:**

**Coordinator:**  
**Mr. E. Vargil Kumar, Assoc. Prof**  
**Mobile: 9502392817**

**About 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.

**About 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-I) 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



#### **Resource Persons:**

- Dr. K.Kalyan Raj, Assistant Professor, Department of EEE, Seshadri Rao Gudlavalluru Engineering College.  
Ph No:9866839873

#### **Objectives of the Program:**

- To introduce scripting language.
- To explore various problems solving approaches of computer science.
- To be familiarized with general coding techniques to solve object-oriented programming concepts.

#### **Topics:**

- Basics of python programming and control statements.
- Functions and strings.
- Exceptional Handling and File Handling
- Object Oriented Programming in Python.



#### **About the course:**

Python is an interpreted, object-oriented, high-level programming language with dynamic semantics. Its high-level built in data structures, combined with dynamic typing and dynamic binding, make it very attractive for Rapid Application Development, as well as for use as a scripting or glue language to connect existing components together. Python's simple, easy to learn syntax emphasizes readability and therefore reduces the cost of program maintenance. Python supports modules and packages, which encourages program modularity and code reuse. The Python interpreter and the extensive standard library are available in source or binary form without charge for all major platforms, and can be freely distributed.

#### **Expected Outcomes of the course:**

- Students will be able to solve coding tasks related to fundamental and control states.
- Students will be able to design structured programs using functions and strings.
- Students will understand and apply the concepts of exceptions and file handling.
- Students will analyze the importance of object-oriented programming over structured programming.

#### **About the Resource Person:**

Dr. K. Kalyan Raj Kaniganti received his PhD in Power Distribution Systems from JNTU (Jawaharlal Nehru Technological University) in 2018, and their M.Tech in Power Electronics and Power Systems from KL University in Vijayawada in 2011. Dr. Kalyan Raj Kaniganti has been involved in teaching and research in the field of electrical engineering for several years. He has worked as an Assistant Professor at different institutions, including G.E.C, Gudlavalluru and T.K.R.College in Hyderabad. Prior to that, he was a Research Scholar at UCEK, JNTUK in Kakinada. Dr. Kalyan Raj Kaniganti also has previous experience as an Assistant Professor at KLU in Vijayawada. He received Research Assistantship from TEQIP during period of pursuing PhD. Dr. Kalyan Raj Kaniganti's research expertise and work experience may involve the application of genetic algorithms to optimization problems in the field of electrical engineering. He published his papers in various reputed National and International Journals and attended various IEEE conferences and workshops.

#### **Platform:**

**Offline**

**Eligibility: All IV B. Tech Students**  
**Registration is free**



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**Department of Electrical and Electronics Engineering**


**Program Schedule for Value Added Course titled "Python Programming" from**

**16-11-2020 to 28-11-2020**

S. No.	Date	Topics to be Covered
1	16-11-2020	<ul style="list-style-type: none"><li>• Features and History of Python</li><li>• Literal Constants, Data Types, Variables</li><li>• Operators, input operation</li></ul>
2	17-11-2020	<ul style="list-style-type: none"><li>• Conditional and un-conditional branching</li><li>• Nesting of decision control statements and loops.</li><li>• Functions-Function Definition, Call, Return Statement,</li><li>• Types of Argument, Recursive Functions, Modules</li></ul>
3	18-11-2020	<ul style="list-style-type: none"><li>• Strings -Basic String Operations,</li><li>• String Formatting Operator, Built-in functions.</li></ul>
4	19-11-2020	<p>Problem Solving:</p> <ul style="list-style-type: none"><li>• to create a function compute_gcd and compute_lcm of two numbers (Each function shouldn't exceed one line)</li><li>• to create a function to reverse a given string that accepts a string from a user and re-displays the same after removing vowels from it.</li></ul>
5	20-11-2020	<ul style="list-style-type: none"><li>• Tuples – creating, accessing values, <b>updating</b>, deleting elements in a tuple, <b>Basic Tuple operations</b></li><li>• <b>Lists – accessing, updating</b> values in Lists, Basic List operations, <b>mutability</b> of lists.</li></ul>
6	21-11-2020	<ul style="list-style-type: none"><li>• Dictionaries – Creating a Dictionary, adding an item, deleting items, sorting items, looping over a dictionary</li><li>• Basic Dictionary operations</li><li>• Built-in functions.</li></ul>
7	23-11-2020	<ul style="list-style-type: none"><li>• Problem Solving: Write a python program to swap two values using Tuple assignments.</li><li>• scan an email address and form a tuple of user name and domain name.</li><li>• <b>print sum and average</b> of the elements present in the list.</li></ul>
8	24-11-2020	<p>Problem Solving: Write a python program to</p> <ul style="list-style-type: none"><li>• form a list of first character of every word present in another list.</li><li>• count the number of characters in the string and store them in a</li></ul>



		dictionary. <ul style="list-style-type: none"> <li>• print maximum and minimum value in a dictionary</li> </ul>
9	25-11-2020	<ul style="list-style-type: none"> <li>• Exception Handling-Difference between an error and Exception</li> <li>• Handling Exception</li> <li>• try except block</li> <li>• Raising Exceptions</li> <li>• User Defined Exceptions</li> </ul>
10	26-11-2020	<ul style="list-style-type: none"> <li>• Files-File types, File path, File operations-open, close, read, write, file positions and command line arguments.</li> <li>• Problem Solving: Write a python program to handle division by zero exception.</li> <li>• create a user-defined exception named "ShortInputException" that raises when the input text length is less than 3.</li> </ul>
11	27-11-2020	Problem Solving: Write a python program to <ul style="list-style-type: none"> <li>• print each line of a file in reverse order.</li> <li>• compute the number of characters, words and lines in a file.</li> <li>• copy contents of one file into another file</li> </ul>
12	28-11-2020	<ul style="list-style-type: none"> <li>• Classes, Objects, 'self' variable, Methods, Constructor Method, Inheritance, Overriding Methods, Data hiding.</li> </ul>



Coordinator



HOD (I/c)



Principal



**SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation To JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalluru, Krishna (Dt), Andhra Pradesh 521356

**List of Students Enrolled for the Value-Added Course titled "Python Programming"**  
**(16-11-2020 to 28-11-2020 )**

S.no	Roll Number	Name of the Student
1	17481A0201	ANKUNURI PARIMALA
2	17481A0202	ANUPOJU SAI TEJA
3	17481A0203	AREPALLI HEMA VARSHITHA
4	17481A0204	BADE BALA BHANUSHA
5	17481A0205	BATTINA VENKATA NAGA PRAVEEN KUMAR
6	17481A0206	BETHALA RAVI KIRAN
7	17481A0207	BETHAPUDI SAMUEL SANJEEVA REDDY
8	17481A0208	BOPPANA RAMNIVAS
9	17481A0209	BOYA HEMA
10	17481A0211	CHIMATA UDAY KIRAN
11	17481A0212	CHOPPARA AKASH
12	17481A0214	CHATRAGADDA ESWAR CHAND
13	17481A0215	DEEKSHITHA VUTLA
14	17481A0216	DEVANABOINA JEEVAN RAJEEV KUMAR RAJU
15	17481A0217	DEVI SATWIKI CHIRALA
16	17481A0218	DOKKU NIHARIKA
17	17481A0220	ELURI MANIDEEP
18	17481A0221	GANGULA HARI KRISHNA
19	17481A0222	GANTA SAI LIKHITHA
20	17481A0223	GARIGANTI NARENDRA BABU
21	17481A0224	GEDDAM PAVAN KALYAN
22	17481A0225	GHANTA MANASA
23	17481A0227	GORIPARTHI SAI KIRAN
24	17481A0228	GORTHI HEMAPRIYA
25	17481A0229	GUNJI NAVYA
26	17481A0231	K BABY NAGA PRANITHA
27	17481A0232	KAGITHA PADMAPRIYA
28	17481A0234	KATTEPAGA PRAGNA
29	17481A0235	KODURI NAVYA SAI
30	17481A0236	KOLAGATLA DINESH REDDY
31	17481A0237	KOLAVENNU NIKHIL JOSHUA
32	17481A0238	KONDAVEETI HEMANTH SRI RAM
33	17481A0239	KOTA GAUTHAM
34	17481A0240	KOTAPROLU AKHILESH
35	17481A0241	KOTAPROLU AVINASH
36	17481A0242	KOTCHERLAKOTA SRIDHAR
37	17481A0243	KUKKALA SATYA VARA PRASAD
38	17481A0244	KUNAPA REDDY VENKAT YASHWANTH
39	17481A0245	LAKKARAJU ANIL KUMAR



136	18485A0226	BASU SRIDHAR REDDY
137	18485A0227	BEERAM RANGA SAI
138	18485A0228	BHAVANASI KARISHMA
139	18485A0229	DASARI SAI SIVA RAM
140	18485A0230	E POOJITHA
141	18485A0231	GANTA SANDEEP TEJA
142	18485A0232	GAJAVALLI V N H H SAI LOKESH GUPTHA
143	18485A0233	GORLA HARIKA
144	18485A0234	KONAKALLA HIMA CHANDRA AVINASH
145	18485A0235	KALUGURU INDRANI
146	18485A0236	KARAMPUDI JAGADEESH
147	18485A0237	KOGANTI VIVEK SAI
148	18485A0238	LINGAM NAGALAKSHMI
149	18485A0239	LUKKA NAGA VENKATA KARTHIK
150	18485A0240	NOMULA DURGA RAJU
151	18485A0241	PORAPU KISHORE
152	18485A0242	PRATHIPATI HEMA NAGA MOUNIKA
153	18485A0243	SALADI DINESH
154	18485A0244	SURUGULA CHAITANYA KUMAR
155	18485A0245	THOKALA HEMALATHA
156	18485A0246	UPPULETI KRUPA RAO
157	18485A0247	VEERABATHINA PRAVEEN KUMAR
158	18485A0248	VEERLA NAGA VENKATA RAVI KUMAR
159	18485A0249	ANAGANI HIMAKAR
160	18485A0250	ARUMULLA BHAVANI SHANKAR
161	18485A0251	BANAVATHU VENKATESWARA RAO
162	18485A0252	BEJJANKI KONDA SIVASANKARARAO
163	18485A0253	DASARI MOHAN HARISH
164	18485A0254	DONDAPATI KISHORE BABU
165	18485A0255	GANGULA RAMESH
166	18485A0256	GOLLA SANDEEP
167	18485A0257	KATRAGADDA BHUVANA CHAKRAVARTHI
168	18485A0258	MADDILA GANGADHAR KRISHNA
169	18485A0259	MADINA VAMSI KRISHNA
170	18485A0260	MEDANKI PAVAN KUMAR
171	18485A0261	MEKALA HARIDEEP
172	18485A0262	MOHAMMAD HUSSAIN
173	18485A0263	MOHAMMAD ZULKHAR NAIN
174	18485A0264	NALLURI YASASRI
175	18485A0265	SALA BHAGYESH KUMAR
176	18485A0266	SRI RAMA KRISHNAKANTH
177	18485A0267	T N SHAI CHARAN
178	18485A0268	VASANA NAGENNDARRA BABU
179	18485A0269	VUKOTI VENKATESH
180	18485A0270	YANAMADALA HARSHA VARDHAN

Coordinator

HOD(I/c)

Principal



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

**Department of Electrical and Electronics Engineering**

**Report on Value Added Course titled “ Python Programming”**

**Title of the course: “*Python Programming*”**

**Duration:** 16-11-2020 to 28-11-2020

**Resource Persons:**

- Dr. K. Kalyan Raj, Assistant Professor, Department of EEE, Gudlavalleru Engineering College.

**Objectives of the program:**

- To introduce scripting language.
- To explore various problems solving approaches of computer science.
- To be familiarized with general coding techniques to solve object-oriented programming concepts.

**Topics Covered:**

- Basics of python programming and control statements.
- Functions and strings.
- Problem solving sessions to write the programs.
- Tuples, Lists and Dictionaries.
- Exceptional Handling and File Handling
- Object Oriented Programming in Python.

**Outcomes of the program:**

The objectives of a course related to programming seem to include the following:

1. Solving Coding Tasks Related to Fundamental and Control States: The course aims to develop students' skills in solving coding tasks related to fundamental programming concepts such as variables, operators, and control structures. This may include topics such as loops, conditionals, and functions.
2. Designing Structured Programs using Functions and Strings: The course aims to develop students' skills in designing structured programs using functions and strings. This may include topics such as function definition and invocation, parameter passing, and string manipulation.

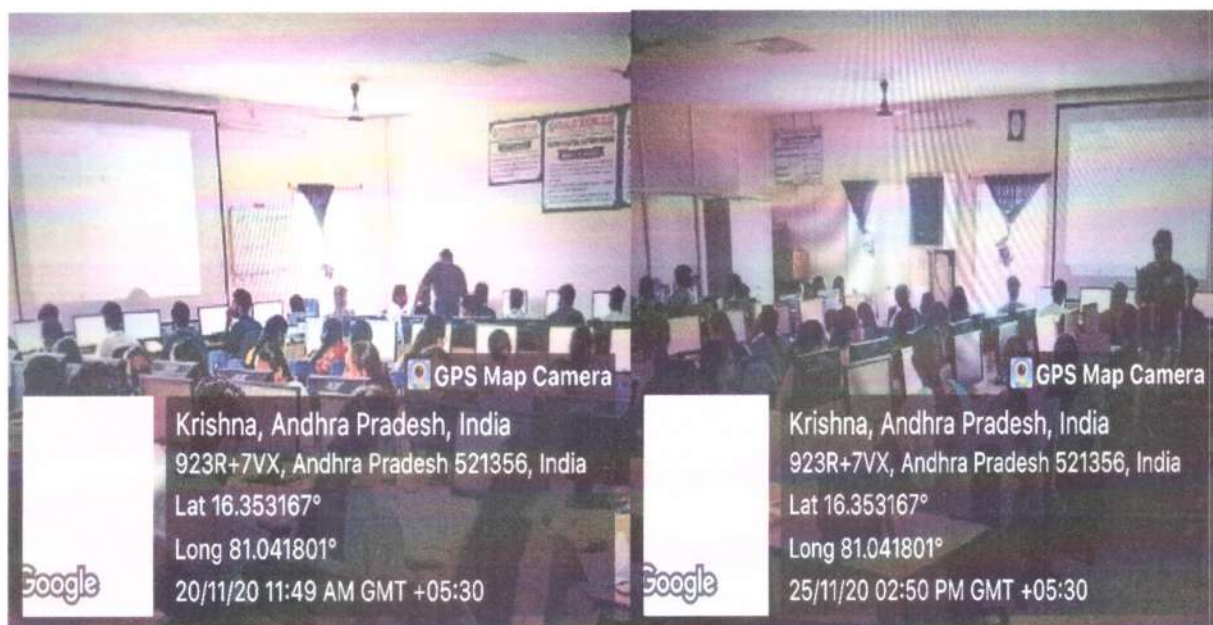


3. Understanding and Applying the Concepts of Exceptions and File Handling: The course aims to introduce students to the concepts of exceptions and file handling, which are important in programming. Students will learn how to handle errors and exceptions that may occur during program execution and how to work with files and directories in a program.
4. Analyzing the Importance of Object-Oriented Programming over Structured Programming: The course aims to help students understand the importance of object-oriented programming (OOP) over structured programming. Students will learn about the advantages of OOP, such as encapsulation, inheritance, and polymorphism, and how they can be used to design more modular and reusable programs.

Overall, the objectives of the course or program suggest a focus on developing students' programming skills and knowledge, including the ability to design structured programs, work with exceptions and files, and understand the advantages of OOP over structured programming.

**No. of students enrolled the course: 180**

**No. of students completed the course: 177**



  
**Coordinator**

  
**HOD(I/c)**

  
**Principal**

# GUDLAVALLERU ENGINEERING COLLEGE

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

Seshadri Rao Knowledge Village, Gudlavalleru- 521356

## DEPARTMENT OF MECHANICAL ENGINEERING

### CIRCULAR

Date: 20-02-2021

It has been informed that ARC Virtual Internship Certification Program on "ARC International Internship" for students belongs to this institution from 23-02-2021 to 17-04-2021 by Department of Mechanical Engineering in association with ECM Germany, FESTO Germany, IGUS Germany, FSM (Foundation for Smart Manufacturing by IIT Delhi - Automation India Association). Hence all registered students are informed to attend the course without fail.

  
HOD

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

Copy to

CE 

EEE 

ECE 

CSE 

IT 

MBA 





Dittakavi Tarun &lt;tarundittakavi.me@gmail.com&gt;

**Reg."ARC International Internship" Announcement.**

1 message

Tue, Feb 16, 2021 at  
3:19 PM

manager.operations@indoeurosync.com &lt;manager.operations@indoeurosync.com&gt;

To: "manager.operations@indoeurosync.com" &lt;manager.operations@indoeurosync.com&gt;

Dear Esteemed ARC Partners,

Greetings of the day !!

The awaiting of the ARC activity got productive update along with wonderful value adds to the students.

Firstly, thank you very much for your support at various levels, and happy to inform you that recent committee results were very fruitful and suggested good inputs which will be a great value add to the AP Students. As recent leadership change in APSSDC taking few more days for sharing new updates.

Meanwhile, we requested activity not to delay for registered students along with new industry training presence in the program.

Further, happy to inform you that we designed for 2020 batch students by combining all three parts of the course as "ARC International Internship" in association with ECM Germany, FESTO Germany, IGUS Germany, FSM (Foundation for Smart Manufacturing by IIT Delhi - Automation India Association).

This is going to be a unique learning and task-oriented program designed for 4 weeks along with certification. We also provide Industrial software to install in your ARC centers for practice sessions.

There is NO additional fee to the student in the entire activity, at the end they will be receiving APSSDC and ECM Certification (Similar to the ARC program).

Also one unique chance to receive "ARC Virtual Internship Certification from ESSCI (Electronics Sector Skill Council of India)" after assessment upon successful completion. (This is an additional opportunity to the student, a student might need to pay the subsidized charge of 1000 INR for the assessment test to ESSCI).

Happy to come with this value addition to our ARC partners and students in order to honor your support, sincerity, and investment, further to continue for our cooperation and support for the next cycles.

Happy to share the program poster with this email. More details will be followed in the next emails and communication activities.

Do not hesitate to write us.

Thanks and regards,  
ARC Team



Hema Chowdary.A


Manager Operations and Student Affairs  
W [www.indoeurosync.com](http://www.indoeurosync.com)  
M +91 9866199666  
E [manager.operations@indoeurosync.com](mailto:manager.operations@indoeurosync.com)

Plot No:3, Our Place Restaurant Street,  
Tadepalli, Guntur - 522501, AP, India.

Germany office:  
Kapuzinergraben 38,  
52062 Aachen, NRW, Germany.

**2 attachments**

 **ARC POSTER.png.crdownload**  
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 **ARC Internship model - plan.pdf**  
511K



**Head of the Department**  
**Mechanical Engineering**  
Gudlavaluru Engineering College  
Seshadri Rao Knowledge Village  
Gudlavaluru - 521 356, Krishna District. A.P





Dittakavi Tarun &lt;tarundittakavi.me@gmail.com&gt;

**ARC International Internship 1st session on 24th February 2021, Wednesday at 2:30 PM**

arc@indoeurosync.com <arc@indoeurosync.com>  
To: Hema C <manager.operations@indoeurosync.com>  
Cc: "raj.venkat@indoeurosync.com" <raj.venkat@indoeurosync.com>

Mon, Feb 22, 2021 at 5:10 PM

Dear Sir,

Greetings from IES!

We are excited to welcome you to our First Lecture on - "Fundamentals of Robotics" by Prof- Starke on 24<sup>th</sup> Feb 2021 Time 2.30 pm IST.

ARC International Internship is a unique and comprehensive solution and will help you acquire a strategic perspective and a tactical approach with respect to Mechatronics and Industrial Robotics. An intensive 5 weeks program, takes a deep dive into concepts of Industrial needs as well as related aspects.

Interactive learning: Live sessions, group work, case studies, and mandatory capstone project (Tasks).

**PROGRAMME HIGHLIGHTS**

- Invest 120 hours in online sessions learned via the Direct-to-Device platform (LMS).
- Train under eminent faculty from German University and top industry professionals.
- The well-structured program that balances Industry, Institute Interface in, performance, and other practical aspects of a core Engineer role.

Join us as we dive into the latest ARC- International Internship – an end-to-end platform that enables students to rapidly skill in the latest 4.0 technology and applications capabilities.

In this webinar, we will discuss:

- Mechatronics
- Introduction to a Key technology
- Assignments

**CERTIFICATION**

- Certification from Andhra Pradesh State Skill Development- **APSSDC**
- Certification from The Electronics & Automation Sector Skill Council of India-**ESSCI**
- Certification from Germany – European Centre for Mechatronics - **ECM**

Looking forward and please do not hesitate to write us.

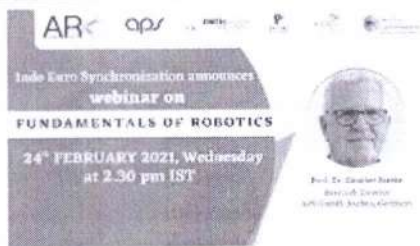
Thanks and regards,

.....  
Chanakya Konidena

Operations Manager - India  
www.indoeurosync.com

M 91 8686100696  
E arc@indoeurosync.com;  
S chanakya.konidena

Kapuzinergraben 38,  
52062 Aachen, NRW, Germany



Webinar.jpeg  
131K

**Head of the Department  
Mechanical Engineering**  
Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
Gudlavalleru - 521 356, Krishna District.



# Weekly Activity

Week	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Week – 1		23 <sup>rd</sup> Feb 2021 Prof. Starke Fundamentals of Robotics	Self-Learning	25 <sup>th</sup> Feb 2021 FESTO	Self-Learning	27 <sup>th</sup> Feb 2021 IGUS
Week – 2		23 <sup>rd</sup> Mar 2021 Prof. Starke Fundamentals of Mechatronics Task	Self-Learning	25 <sup>th</sup> Mar 2021 FESTO Task	Self-Learning	27 <sup>th</sup> Mar 2021 IGUS Indian Faculty Course 4hrs Task
Week – 3		30 <sup>th</sup> Mar 2021 IIT – Delhi Smart Manufacturing	Self-Learning	06 <sup>th</sup> Apr 2021 IIT – Delhi Augment Reality	Self-Learning	08 <sup>th</sup> Apr 2021 IGUS Task Assigning what they learnt
Week - 4	12 <sup>th</sup> Apr 2021 IES Trainer	14 <sup>th</sup> Apr 2021 FESTO 1hr session IES Trainer 2hrs session Task Supervision (Indian Faculty)	Self-Learning	15 <sup>th</sup> Apr 2021 IGUS 1 Hr session IES Trainer 2hrs Session, Task Supervision (Indian Faculty)	Self-Learning	17 <sup>th</sup> Apr 2021 IIT –Delhi 1hr Session IES Trainer 2hrs Session Task Supervision (Indian Faculty)
Indian faculty should submit the end report to ARC						
Total No of Hours 120	Teaching – 30 hrs	E – Learning – 30 Hrs	Lab Practice – 40 Hrs (Weekly 10 hrs)	Assessment & Report Submission 20 Hrs		

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

# GUDLAVALLERU ENGINEERING COLLEGE

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

SESHADRI RAO KNOWLEDGE VILLAGE :: GUDLAVALLERU

**APSSDC - ECM Applied Robotics Control Skill Center**

## **List of Students Registered for ARC International Internship**

S.No.	Roll No.	Name of the Student	Year of Study	Branch
1	17481A0218	DOKKU NIHARIKA	4th Year	EEE
2	17481A0231	K.BABY NAGA PRANITHA	4th Year	EEE
3	17481A0235	KODURI NAVYA SAI	4th Year	EEE
4	17481A0271	PAPINENI ANAND DURGA PRASAD	4th Year	EEE
5	17481A0273	P.CHENA KESAVARAO	4th Year	EEE
6	17481A0288	S.MARUTHI LAKSHMAN	4th Year	EEE
7	17481A0293	T.RAGHAVENDRA SESA SAI	4th Year	EEE
8	17481A02A1	VENTRUMULLI VENKAT ROYAL	4th Year	EEE
9	17481A02A3	V. SRI HARSHA	4th Year	EEE
10	17481A02A5	YEMMANI SURESH	4th Year	EEE
11	17481A02A9	PAVAN KALYAN REPALLE	4th Year	EEE
12	17481A02B5	VELAGAPUDI RAKESH	4th Year	EEE
13	17481A02B7	PERAM RAKESH	4th Year	EEE
14	17481A02B8	KADIYAM LAKSHMI PAVAN KUMAR	4th Year	EEE
15	18485A0229	DASARI SAI SIVA RAM	4th Year	EEE
16	18485A0235	K.INDRANI	4th Year	EEE
17	18485A0250	ARUMULLA BHAVANI SHANKAR	4th Year	EEE
18	18485A0251	VENKY CHINNODA	4th Year	EEE
19	18485A0253	D.MOHAN HARISH	4th Year	EEE
20	18485A0262	MOHAMMAD HUSSAIN	4th Year	EEE
21	17481A0417	BALLA DANI HEMANTH	4th Year	ECE
22	17481A04D4	MUTHIREDDY AKASH	4th Year	ECE
23	17481A04E6	SAI NITHIN	4th Year	ECE
24	17481A04F4	PITTU VENKAT REDDY	4th Year	ECE



S.No.	Roll No.	Name of the Student	Year of Study	Branch
25	18485A0439	NAGAMALLA SAI TEJA	4th Year	ECE
26	17481A0303	ANUDEEP DASARI	4th Year	ME
27	17481A0309	BATTIPATI SUSMITHA	4th Year	ME
28	17481A0317	CHITTURI ESWAR NAGA SAI MANI KUMAR	4th Year	ME
29	17481A0322	P DEVANTH	4th Year	ME
30	17481A0325	DONDAPATI VIJAY KUMAR REDDY	4th Year	ME
31	17481A0332	G.J.S.R.N.VAMSI	4th Year	ME
32	17481A0337	JUJJHAVARAPU RAGHAVA	4th Year	ME
33	17481A0339	JWALA LOHITT	4th Year	ME
34	17481A0341	KANIKANTI RAM SAI	4th Year	ME
35	17481A0342	KARAMSETTY VENKATA SATYA MANIKANTA GOPAL	4th Year	ME
36	17481A0343	KETHIREDDY HARI DURGA PRASAD REDDY	4th Year	ME
37	17481A0345	KOTTE RAJABABU	4th Year	ME
38	17481A0348	KURAKU LOKESH MANIKANTA	4th Year	ME
39	17481A0353	MALLAVOLU GANESH	4th Year	ME
40	17481A0354	MANDA PRASANTH KUMAR	4th Year	ME
41	17481A0356	SREE LATHA MANIKONDA	4th Year	ME
42	17481A0360	MATTI BHARGAVA SAI	4th Year	ME
43	17481A0373	PARISE RAMESH	4th Year	ME
44	17481A0375	PERUMALLA MOHITH	4th Year	ME
45	17481A0390	SHAIK KHAZA ALI	4th Year	ME
46	17481A0393	SHAIK NAZEER BASHA	4th Year	ME
47	17481A0397	SUNKARA PAVAN KUMAR	4th Year	ME
48	17481A0398	TADEPALLI SAI ANEESH	4th Year	ME
49	17481A0399	TALARI MANOAH DANIEL	4th Year	ME
50	17481A03A0	THOTA TEJA RAKESH KUMAR	4th Year	ME
51	17481A03B0	VASANA HIMA ANANTHNAG	4th Year	ME
52	17481A03B1	VATRAPU KOMALI	4th Year	ME
53	17481A03B2	KONDA BABU VEERANKI	4th Year	ME

S.No.	Roll No.	Name of the Student	Year of Study	Branch
54	17481A03B6	VIRIVADA JOHN BABU	4th Year	ME
55	17481A03B9	PINNAMAREDDY TABITHA JHANSI	4th Year	ME
56	17481A03E1	NAGARAJU SETTIPALLI	4th Year	ME
57	17481A03F0	MADALA MANIKANTA	4th Year	ME
58	17481A03F2	ATLURI RAVITEJA	4th Year	ME
59	18485A0332	VELIVENTI NAGA VENKATA SAI PRABHAKAR	4th Year	ME
60	18485A0339	BHATTA RAHUL SANDEEP	4th Year	ME
61	18485A0350	DEVINENI TEJA CHANDRA RAVIKUMAR	4th Year	ME



D. Tarun  
Faculty Incharge



Dr. A. Jawahar Babu  
SPOC - ARC



Dr. P. Ravindra Babu  
Principal  
PRINCIPAL  
Gudlavalleru Engineering College  
GUDLAVALLERU-521356



**SESHADRI RAOGUDLAVALLERUENGINEERINGCOLLEGE**  
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru

**Department of Mechanical Engineering**

**Summary Report on Value Added Course titled “ ARC International Internship” from 06-23-02-2021 to 17-04 -2021**

**Title of the course:** “ARC International Internship”

**Duration:** 23-02-2021 to 17-04-2021

**Resource Persons:**

- Team ARC  
Phone: 8686100696  
Mail Id: arc@indoeurosync.com

**Objectives of the program:**

1. Brining latest technologies in automation and manufacturing sectors to the labs of colleges.
2. Real-time training to supplement students with skill on advanced technologies to make them stand out in global arena.
3. Firsthand experience on industrial robots for the students
4. Learning with industry –driven production Requirements
5. Creation of knowledge pool of students with high-end technical skills for immediate absorption into research and Industry.

**Topics Covered:**

- Fundamentals of Robotics
- Fundamentals of Mechatronics
- Smart Manufacturing
- Introduction to a Key technology.

**Outcomes of the program:**

- Student gained knowledge on Key technologies of industry 4.0 such as basics of Mechatronics, Robotics and Integration of both for Smart Manufacturing
- Student gained knowledge on LCA, Expert Systems which is used in industry and perform different robotic tasks by using C-prog Software and IGUS Robot controller
- Student gained knowledge on PLC and Codesys Software and perform different assignment tasks provided.

- Students learned about IIOT with the industry observations.

**No. of students enrolled the course: 61**

**No. of students completed the course: 61**

  
**HOD**

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



# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru - 521 356

## DEPARTMENT OF MECHANICAL ENGINEERING

### CIRCULAR

Date: 14 -11-2020

The department of Mechanical Engineering is organizing a two-week Value- Added Course on "Training course on Design and Modeling Software " for III B. Tech students in association with MEA and professional chapters IEI and ISTE from 16-11-2020 to 28-11-2020, by **Sri K. Kiran Kumar**, Cyient, Hyderabad. Hence all the III B. Tech students are informed to enroll and attend the course without fail.

  
HOD



Principal

**PRINCIPAL**

Gudlavalleru Engineering College  
GUDLAVALLERU-521356

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MBA 



A TWO WEEK  
VALUE ADDED COURSE  
on

**"Training course on Design and  
Modeling Software "**

**16-Nov-2020 to 28- Nov-2020**



**Organized by**

**Department of Mechanical Engineering**

**GUDLAVALLURU 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

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

#### **Chief Patrons:**

**Dr. Nageswara Rao Vallurupalli,**

-Chairman, AANM & VVRSR.

**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

#### **Advisors:**

**Dr. S.R.K. Reddy,**

- Advisor to the Management

**Dr. P. Nageswara Reddy,**

- Director (AS&A)

#### **Convenor:**

**Dr. Dr. M. R. Ch. Sastry, Prof & HOD**

#### **Organizing Committee:**

##### **Coordinator:**

**Mr. T. Nagaraju, Asst Prof**

**Mobile: 9866117962**

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

**Mr. K. Ramakanth., Asst Prof**

**Mobile: 7799890929**

#### **About 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.

#### **About the Department:**

The Department of Mechanical Engineering was established in 1998 and is offering undergraduate course in Mechanical Engineering. It has been accredited 4 times (one time under Tier-I) 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 Machine Design. Department is marching forward keeping pace with the technological advances in Mechanical Engineering.



#### **Resource Persons:**

- **Sri K. Kiran Kumar,**  
Cyient, Hyderabad.  
Ph No: 8790777188.

#### **Objectives of the Program:**

1. Learn basic engineering drawing formats, AutoCAD Skills, and,
2. Learn sketching and taking field dimensions,
3. To impart basics of graphical representation in the design, creation, definition and development of an 3D modeling and product making practical use of the current technology.

#### **Topics:**

- Auto CAD
- Pro-Eng.
- CATIA V5

**Platform:** Dassault Systems 3D Experience Centre

**Eligibility:** All II B. Tech

**Students Registration:** 80

#### **About the course:**

The practical exposure is must important for engineering under graduate students, but the software programs can provide an additional support to them for better and easy learning. There are various software and these can be used for learning the various Mechanical Engineering subjects like Robotics, Machine Dynamics, Manufacturing Science etc. In all the sector of engineering i.e., manufacturing, distribution substation also in industry various monitoring is done by with the help of computer. All the designs of components and machines, house and building are prepared by computer software. So, there is an important role of software in real life engineering. It is very important to educate the future engineers with the help of software for their better carrier and better understanding. This course provides a platform to learn the latest software tools to the students for finding the better applications in engineering

#### **Expected Outcomes of the course:**

- Students are able to understanding basic commands in, Auto CAD, Pro-E, and CATIA V5.
- Students are able to write basic Commands for Create and modify sketch based features.
- Students will be able to learn, Create wireframe elements, Create Surfaces, and so on.



**PRINCIPAL**  
Gudlavalluru Engineering College,  
GUDLAVALLURU-521358

#### **About CYIENT, Hyderabad**

Cyient is a consulting-led, industry-centric, global Technology Solutions company. We enable our customers to apply technology imaginatively across their value chain to solve problems that matter. We are committed to designing tomorrow together with our stakeholders and being a culturally inclusive, socially responsible, and environmentally sustainable organization.

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#### **Technical Expertise:**

- Extensive experience in AUTO CAD, CATIA, ANSYS, Pro-Eng and Abacus involving design of static and dynamic analysis.
- Development of macros using TCL/TK languages in hyper mesh for FE modeling which reduce human efforts in modeling.
- Knowledge of solid modeling, contact, bolt pre tension, Material & Geometric Nonlinear analysis using Abacus.
- Insights into Fatigue analysis of the components and the Assemblies.
- Good experience in applying connector elements in Abaqus

# **GUDLAVALLERU ENGINEERING COLLEGE**

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

## **DEPARTMENT OF MECHANICAL ENGINEERING**

### **Program Schedule for Two weeks Value Added Course titled**

**"Training course on Design and Modeling Software "**

**16-11-2020 to 28-11-2020**

S. No.	Date	Topics Covered
1.	06-09-2020	<ul style="list-style-type: none"><li>• Introduction to AutoCAD</li><li>• Basic Commands of AutoCAD</li></ul>
2.	07-09-2020	<ul style="list-style-type: none"><li>• Introduction to 2D/3D geometry,</li><li>• Modify Commands in AutoCAD</li></ul>
3.	08-09-2020	<ul style="list-style-type: none"><li>• Primitives</li></ul>
4.	09-09-2020	<ul style="list-style-type: none"><li>• Introduction to Pro/Engineering</li><li>• 2D Sketches</li></ul>
5.	10-09-2020	<ul style="list-style-type: none"><li>• Base Features of Pro-Engg</li></ul>
6.	11-09-2020	<ul style="list-style-type: none"><li>• Edit Features of Pro- Engg</li></ul>
7.	13-09-2020	<ul style="list-style-type: none"><li>• Assembly Modeling and drafting,</li><li>• Practicing the models using Pro/Engineering.</li></ul>
8.	14-09-2020	<ul style="list-style-type: none"><li>• Introduction to CATIA V5</li></ul>
9.	15-09-2020	<ul style="list-style-type: none"><li>• Basic Features of CATIA V5</li></ul>
10.	16-09-2020	<ul style="list-style-type: none"><li>• Commands of CATIA V5,</li><li>• Creating Solids using CATIA V5</li></ul>
11.	17-09-2020	<ul style="list-style-type: none"><li>• Transformations of Solids,</li><li>• Advanced Solids.</li><li>• Practicing the different models</li></ul>
12.	18-09-2020	<ul style="list-style-type: none"><li>• Drafting and Assemblies using it.</li></ul>

Faculty Advisor

  
HOD

Principal



## GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation To JNTUK, Kakinada) Seshadri  
Rao Knowledge Village, Gudlavalleru, Krishna (Dt), Andhra Pradesh 521356.

### List of Students Enrolled for the Value-Added Course titled "Design and Modeling Software workshop"


(16-11-2020 to 28-11-2020)

S. No	Roll Number	Name of the Student	E- Mail ID
1.	18481A0301	Aala Rajasekhar	rajasekharaala@gmail.com
2.	18481A0302	Abdul Abid	abdulabid0198@gmail.com
3.	18481A0303	Akash Maila	akashmaila49@gmail.com
4.	18481A0304	Akurathi Gowtham Kumar	akurathigowtam@gmail.com
5.	18481A0305	Allam Venkatesh	v9494873466@gmail.com
6.	18481A0306	Alluri Veera Hanuman	alluriveerahanuman30197@gmail.com
7.	18481A0307	Ambati Ganesh Babu	ganeshambati77@gmail.com
8.	18481A0308	Appalakutti Vamsi Krishna	vamsikrishna34560@gmail.com
9.	18481A0327	Dagani Anil	anildagani333@gmail.com
10.	18481A0328	Darise Vikas Sai	vikassai2000@gmail.com
11.	18481A0329	Dasari Doondi Yeshwanth	sunny.5.yeshwanth.5@gmail.com
12.	18481A0330	Dasari Rakesh	sanjurakeshdasari4@gmail.com
13.	18481A0331	Dasari Teja Kumar	tejakumardasari1999@gmail.com
14.	18481A0332	Degala Hari Sai Teja	degalaharisaitaja123@gmail.com
15.	18481A0333	Dokku Rama Krishna	rama1273328@gmail.com
16.	18481A0334	Duddu Teja Sai Praveen	dudduprasanna@gmail.com
17.	18481A0335	Dumpala Bhanu Prakash	dumpalabhanuprakash@gmail.com
18.	18481A0336	Ede Sandeep	sandeepede@gmail.com
19.	18481A0337	Ganji Sandeep	sandeepjunn12@gmail.com
20.	18481A0338	Geddam Praveen Reddy	geddampraveen7426@gmail.com
21.	18481A0339	Ghantasala Kalyan Babu	kalyanghantasala2001@gmail.com
22.	18481A0340	Gomathoti Vishal Vincent	vinodpaulgomathoti@gmail.com
23.	18481A0341	Goriparthi Prem Kumar	prem2kumar6576@gmail.com
24.	18481A0342	Goriparthi Venkata Swamy	venkataswamygoriparthi1314@gmail.com
25.	18481A0343	Goriparti Jayaram	jayaramgoriparti147@gmail.com
26.	18481A0344	Gudiguntla Vijay	vijaygudiguntla25@gmail.com
27.	18481A0385	Meeniga Naveen Kumar	naveenkumarmeeniga@gmail.com
28.	18481A0386	Mekala Rahul	chinnammarahul@outlook.com
29.	18481A0387	Mohammad Khaja Moin	khajamoin.vja@gmail.com
30.	18481A0388	Moka Tarun Kumar	tarunmoka8506@gmail.com
31.	18481A0389	Motupalli Pradeep	pradeepmotupalli98@gmail.com
32.	18481A0390	Murala Aswini Gowd	ashwinmurari123@gmail.com
33.	18481A0391	Murari Deva Prakash Gowd	muraridevagowdad244@gmail.com
34.	18481A0392	Mutyala Bala Veera Venkata Vinaybabu	vinaybabumutyala@gmail.com
35.	18481A0393	Naidu Lokesh	lokeshnaidu0327@gmail.com



36.	18481A0394	Naraharisetty Tanishq	tanishqnaidu75@gmail.com
37.	18481A0395	Naru Sivareddy	sivareddy99081@gmail.com
38.	18481A0396	Nelupuri Sandeep	nellipurisandeep@gmail.com
39.	18481A0397	Nerusu Yaswanth Babu	nerusuvamsiyadav8881@gmail.com
40.	18481A0398	Nidadhavolu Kesava Sai Murali Krishna	kesava575dl@gmail.com
41.	18481A0399	Noora Sai Krishna	saikrishnanooora@gmail.com
42.	18481A03A0	Nune Naveen	naveennune087@gmail.com
43.	18481A03A1	Pothana Yamini (W)	pothanayamini@gmail.com
44.	18481A03A2	Pachigorla Tirumala	pachigorlatirumala143@gmail.com
45.	18481A03A3	Padala Chaitanya Kumar	padalachaitanyakumar123@gmail.com
46.	18481A03A4	Palacholla Veera Narasimha Murthy	murthypalacholla123@gmail.com
47.	18481A03A5	Pasupuleti V V S Narasimha Prakash	vijaypasupuleti3355@gmail.com
48.	18481A03A6	Patapati Ramesh	rameshpatapati624@gmail.com
49.	18481A03A7	Peketi Karthik Reddy	karthikreddypeketi@gmail.com
50.	18481A03A8	Polukonda Sridhar	venkateswarammapagolu@gmail.com
51.	18481A03A9	Ponugumati Niteesh	niteeshponugumati@gmail.com
52.	18481A03B0	Presingu Sai	presingusai786@gmail.com
53.	18481A03B1	Prodduturi Anand	anandproddutur@gmail.com
54.	18481A03B2	Pullagura Manoj Kumar	pullguramanojkumar@gmail.com
55.	18481A03B3	Pulletikurthi Kanaka Venkata Sai Priyatham	saipriyatham016@gmail.com
56.	18481A03C2	Sajja Sai Krishna	saikrishnachowdary6747@gmail.com
57.	18481A03C3	Sajjala Krishna Teja	krishnatejas999@gmail.com
58.	18481A03C4	Sammeta Venkata Shesha Siva Sai Neeraj	neerajsvsss@gmail.com
59.	18481A03C5	Sariki Anandheswara Vihari	svihari3@gmail.com
60.	18481A03C6	Saripalli Dinesh Reddy	saripallidinesh@gmail.com
61.	18481A03C7	Seelam Venkata Ravi Kumar	seelamravi786@gmail.com
62.	18481A03C8	Shaik Barkathali	shaikbarkathali7352@gmail.com
63.	18481A03C9	Singavarapu Chandu	chandu.singavarapu111@gmail.com
64.	18481A03D0	Swarna Naga Venkata Manikanta	swarnamanikanta2001@gmail.com
65.	18481A03D1	Sykam Venkata Nagendra Karthik Kumar	karthiksykam@gmail.com
66.	18481A03D2	Tadanki Bhargav Teja	tadanki.bhargav24@gmail.com
67.	18481A03D3	Thota Naga Aravind	nagaaravind9@gmail.com
68.	18481A03D4	Thota Siva Sankar	sivathota27940@gmail.com
69.	18481A03D5	Turaga Krishna Koushik	turagakrish@gmail.com
70.	18481A03D6	Vannemreddy Siva Kanth	sivakanth9247@gmail.com
71.	18481A03D7	Vanteddu Sai Preetham	itspreethamonly1@gmail.com
72.	19485A0316	Pandraju Vijaya Sri (W)	pandrajuvijayasri121@gmail.com
73.	19485A0317	Srikakulam Veera Venkata Naga Durga Prasad	sdurgaprasad250@gmail.com
74.	19485A0318	Sripathi Alekhya (W)	alekhyadme253@gmail.com
75.	19485A0319	Kancharla Madhu Kumar	kancharlamadhukumar143@gmail.com
76.	19485A0320	Nakkella Narinaidu	narinaidu111@gmail.com
77.	19485A0321	Chepala Appalaraju	appalarajuchepala4837@gmail.com
78.	19485A0322	Pinjala Yogesh Siva Purna	yogeshsivapurna123@gmail.com

79.	19485A0323	Vennapusa Lakshma Reddy	lakshmareddyvennapusa123@gmail.com
80.	19485A0324	Nimmalapalli Venkata Sai Sricharan	charan.nimmalapalli@gmail.com
81.	19485A0325	Remalli Sumanth	sumanthreamalli@gmail.com
82.	19485A0326	Shaik Riyaz	riyazshaik252@gmail.com
83.	19485A0327	Simma Ravi Hemanth	simmaravi98@gmail.com
84.	19485A0328	Sobbana Chandrahass Joshi	joshijo125@gmail.com
85.	19485A0329	Tangellamudi Yuva Konda Rajesh	ytangellamudi@gmail.com
86.	19485A0330	Vaka Surya Ravi Teja	suryaraviteja48@gmail.com
87.	19485A0331	Vemula Santhosh Kumar	santhoshkumarvemula067@gmail.com
88.	19485A0332	Vujji Dharmendra Sai Kumar	dharmavujji123@gmail.com
89.	19485A0333	Shaik Azaruddin	shaikazaruddin54@gmail.com
90.	19485A0334	Nalluri Vinodh	vinodhnalluri420@gmail.com
91.	19485A0335	Sravanam Danesh	dhaneshsravanam.529@gmail.com

  
H. M. E

  
Principal  
**PRINCIPAL**  
Gudlavalleru Engineering College  
GUDLAVALLERU-521356



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

**Department of Mechanical Engineering**

**Summary Report on Two-week Value-Added Course on titled: "Design and Modeling Software workshop"**

**Title of the course:** "Design and Modeling Software workshop"

**Duration:** 16-11-2020 to 28-11-2020

**Resource Persons:**

- Sri K. Kiran Kumar, Cyient, Hyderabad,  
Ph. No: 8790777188

**Objectives of the program:**

1. Learn basic engineering drawing formats, AutoCAD Skills, and,
2. Learn sketching and practicing the basic Models
3. To impart basics of graphical representation in the design, creation, definition and development of and 3D modeling and product making practical use of the current technology.

**Topics Covered:**

- Introduction to AutoCAD
- Basic Commands of AutoCAD
- Introduction to 2D/3D geometry,
- Modify Commands in AutoCAD
- Primitives
- Introduction to Pro/Engineering
- 2D Sketches
- Base Features of Pro-Engg
- Edit Features of Pro- Engg
- Assembly Modeling and drafting,
- Practicing the models using Pro/Engineering.
- Introduction to CATIA V5
- Basic Features of CATIA V5
- Commands of CATIA V5,
- Creating Solids using CATIA V5
- Transformations of Solids,
- Advanced Solids.
- Practicing the different models

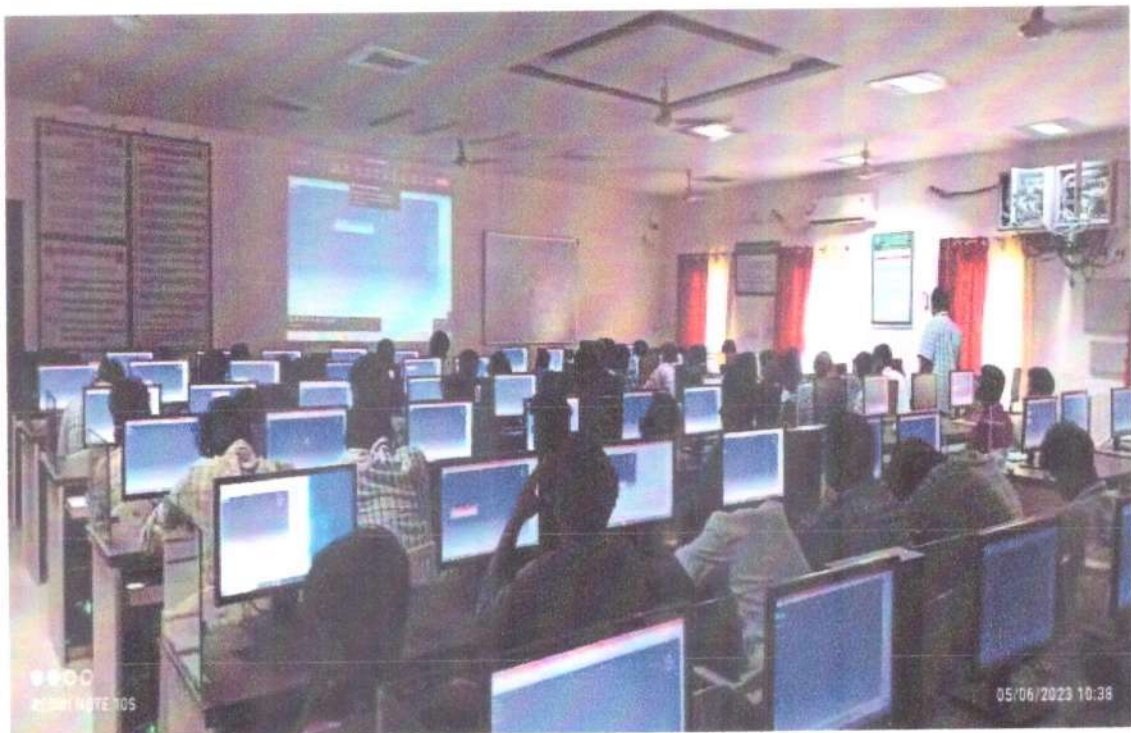
- Drafting and Assemblies using it.

**Outcomes of the program:**

- Students are able to understanding basic commands in, Auto CAD, Pro-E, and CATIA V5.
- Students are able to write basic program for Create and modify sketch-based features.
- Students will be able to learn, create wireframe elements, Create Surfaces, and so on.
- Students will learn to do product design, streamline 2D design, drafting, documentation with powerful tools for layout, drawing, and 3D annotation.

**No. of students enrolled the course: 91**

**No. of students completed the course: 86**







  
 Faculty Advisor

  
 HOD

  
 Principal  
**PRINCIPAL**  
 Gudlavalleru Engineering College  
 GUDLAVALLERU-521356

# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru - 521 356

## DEPARTMENT OF MECHANICAL ENGINEERING

### CIRCULAR

Date: 02 -09-2020

The department of Mechanical Engineering is organizing a two-week Value- Added Course on **"Refresh Course on Ansys Workbench"** in Mechanical Engineering from 06-09-2020 to 18-09-2020 by **Mayinkrish Ventures Pvt Ltd, Hyderabad** for III B. Tech students in association with MEA and professional chapters ASME ISTE ISME & AIE Student. Hence all the III B. Tech students are informed to enroll and attend the course without fail.

  
HOD

Copy to

  
  
CE/EEE/ME/ECE/CSE/IT/AI&DS/IoT/MBA



Principal

**PRINCIPAL**

Gudlavalleru Engineering College  
GUDLAVALLERU-521356





**A TWO WEEK  
VALUE ADDED COURSE**

**On  
"Refresh Course on Ansys Workbench"**

**06<sup>th</sup> SEP - 18<sup>th</sup> SEP, 2020**



**Organized by**

**Department of Mechanical 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,  
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**Phone: (08674) 273737, 273888,**

**Fax: (08674) 273957**

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

**Chief Patrons:**

**Dr. Nageswara Rao Vallurupalli,**

*-Chairman, AANM &  
VVRRES.*

**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. B. Karuna Kumar,**

*-Vice Principal Administration*

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

*-Vice Principal Academics*

**Advisors:**

**Dr. S. R. K. Reddy,**

*-Advisor to the Management*

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

**Convenor:**

**Dr. M.R.Ch. Sastry, Prof & HOD**

**Organizing Committee:**

**Coordinator:**

**Mr. B.V.S.N. Raghu Vamsi, Sr. Grade Asst. Prof**

**Mobile: 9502392817**

**Co-Coordinator:**

**Mr. D. Tarun, Asst. Prof.**

**Mobile: 9492937760**

**About the College:**

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#### Resource Persons:

- **Sri. G. M. Raja Mahendra,**  
Sr. Simulation Engineer, Mayinkrish  
Ventures Pvt. Ltd., Hyderabad,  
Ph. No: 91-7993447912
- **Sri. B. R. M.V. KRISHNA (CEO),**  
Sr. Simulation Engineer Mayinkrish  
Ventures Pvt. Ltd., Hyderabad.

#### Objectives of the Program:

- General understanding of the user interface, as related to geometry import, meshing, application of loads and supports, and postprocessing
- Procedure for performing FEA simulations, including linear static, modal, and harmonic structural analyses and nonlinear steady-state thermal analyses
- Utilizing parameters for product development by modifying the failure cases
- Learn to interfacing with the ANSYS solver for more advanced functionality
- Space claim Design modeler for creating and modifying CAD geometry to prepare the solid model for analysis.

#### Topics:

- Rigid dynamics
- Explicit dynamics
- CFD
- CFX and modal.

**Platform:** Off Line

**Eligibility:** All III B. Tech

**Students Registration:** Free

#### About the course:

The practical exposure is most important for engineering under graduate students, but the software programs can provide an additional support to them for better and easy learning. There are various software and these can be used for learning the various Mechanical engineering subjects like Rigid bodies, Explicit Dynamic bodies, CFD, CFX and their Modal etc. In all the sector of engineering. CAE tools are widely used in the automotive industry. This course provides a platform to learn the latest software tools to the students for finding the better applications in engineering

#### Expected Outcomes of the course:

- Students will be able to know the latest technologies in various software tools and other upcoming technologies.
- At the end of the course the participant will be able to use the ANSYS package to solve basic engineering analysis problems using FEA techniques.
- The participants should have some basic concept of engineering mechanics and familiarity with desktop environment.

#### About Mayinkrish Ventures Pvt Ltd

Ansys offers a comprehensive software suite that spans the entire range of physics, providing access to virtually any field of engineering simulation that a design process requires. Organizations around the world trust Ansys to deliver the best value for their engineering simulation software investment. One of the main applications of the ANSYS software is that multiple analyses of mechanical and electrical problems can be done. Not only this ANSYS is also used to create 2D as well as 3D geometrical shapes. Most mechanical engineers make the best use of the technology to perform advanced and realistic simulations. With the help of software, mechanical engineers can develop and create complex environmental loadings. As it is also used to create a virtual environment for the testing of products, that's why they are in great demand.

#### Conclusion

The demand for graduates with engineering simulation skills continues to rise, largely due to the widespread use of simulation across product development and optimization workflows. The need for these graduates exceeds the supply, which is why Ansys is committed to working with educators to provide flexible academic tools. Ansys provides industry-leading tools designed to empower educators, making it possible to provide a hands-on education to students and give them a competitive edge as they enter their industry. Simulation benefits students across STEM, undergraduate, graduate and post doctorate programs.



# GUDLAVALLERU ENGINEERING COLLEGE

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

Seshadri Rao Knowledge Village, Gudlavalleru - 521 356

## Department of Mechanical Engineering

### Program Schedule for Value Added Course titled "Refresh Course on Ansys Workbench"

06-09-2020 and 18-09-2020

S. No.	Date	Topics Covered
1	06-09-2021	<ul style="list-style-type: none"><li>• Introduction Ansys Multy physics</li><li>• Introduction to ANSYS work bench</li><li>• Mechanical basics</li></ul>
2	07-09-2021	<ul style="list-style-type: none"><li>• Ansys mechanical basics</li><li>• General preprocessing</li><li>• Contact controls</li><li>• Meshing in mechanical</li></ul>
3	08-09-2021	<ul style="list-style-type: none"><li>• Mechanical controls</li><li>• Static structural analysis</li></ul>
4	09-09-2021	<ul style="list-style-type: none"><li>• Static structural analysis(continuation)</li><li>• 2D structural analysis</li><li>• Vibration analysis</li></ul>
5	10-09-2021	<ul style="list-style-type: none"><li>• Free vibration analysis</li><li>• Thermal analysis</li></ul>
6	11-09-2021	<ul style="list-style-type: none"><li>• Steady state thermal analysis</li><li>• Results and post processing</li></ul>
7	13-09-2021	<ul style="list-style-type: none"><li>• Linear Buckling analysis lecture and practice</li></ul>
8	14-09-2021	<ul style="list-style-type: none"><li>• Results and post process of buckling analysis</li><li>• Results Processing</li></ul>
9	15-09-2021	<ul style="list-style-type: none"><li>• Structural analysis of RF switch</li></ul>
10	16-09-2021	<ul style="list-style-type: none"><li>• CAD parameters</li><li>• Parameter management</li></ul>
11	17-09-2021	<ul style="list-style-type: none"><li>• CFD analysis</li><li>• Results and post processing</li></ul>
12	18-09-2021	<ul style="list-style-type: none"><li>• CFX and modal</li><li>• Results and post processing</li></ul>

*B. Raghunandan*  
Faculty Advisor

*R. Kumar*  
HOD

*A. R. S.*  
Principal

**PRINCIPAL**  
Gudlavalleru Engineering College  
GUDLAVALLERU-521356

## **GUDLAVALLERU ENGINEERING COLLEGE**

(An Autonomous Institute with Permanent Affiliation To JNTUK, Kakinada) Seshadri Rao  
Knowledge Village, Gudlavalleru, Krishna (Dt), Andhra Pradesh 521356.

### **DEPARTMENT OF MECHANICAL ENGINEERING**

List of Students Enrolled for the Value-Added Course titled “Refresh Course on  
Ansys Workbench” (06-09-2020 to 18-09-2020)

S. No	Roll Number	Name of the Student
1.	17481A0301	Abdul Rahil
2.	17481A0303	Anudeep Dasari
3.	17481A0304	Arepalli Vijay Kumar
4.	17481A0307	Bandhamravuri Sunilkumar
5.	17481A0308	Batta Urmila (W)
6.	17481A0309	Battipati Susmitha (W)
7.	17481A0310	Beeram Thanuja (W)
8.	17481A0311	Bellani Rajesh
9.	17481A0312	Bezawada Krishna Chaitanya Kumar
10.	17481A0315	Chepuri Susmitha (W)
11.	17481A0316	Chitroju Satyanarayana
12.	17481A0317	Chitturi Eswar Naga Sai Mani Kumar
13.	17481A0319	Dasari Prudhvi Sagar
14.	17481A0321	Davuluri Pradeep
15.	17481A0322	Devanth Parchuri
16.	17481A0324	Domathoti Varun
17.	17481A0325	Dondapati Vijay Kumar Reddy
18.	17481A0326	Elchuri Kiran Kumar
19.	17481A0328	Garikimukku Manoj
20.	17481A0329	Gnana Chandu Inampudi
21.	17481A0331	Gowra Karthik
22.	17481A0332	Grandhi Jaya Siva Rama Naga Vamsi
23.	17481A0333	Gude Kesava Manikanta Siva
24.	17481A0334	Gummadi Lokesh
25.	17481A0335	Gutti Joga Syama Sundara Rao
26.	17481A0336	Jangam Veera Venkata Vamsi Krishna
27.	17481A0337	Jujhavarapu Raghava
28.	17481A0338	Junjunuri Premchand
29.	17481A0339	Jwala Lohitt
30.	17481A0341	Kanikanti Ramsai
31.	17481A0342	Karamsetty Venkata Satya Manikanta Gopal
32.	17481A0343	Kethireddy Hari Durga Prasad Reddy
33.	17481A0344	Kodali Venkata Praveen Kumar
34.	17481A0345	Kotte Raja Babu
35.	17481A0351	Maddula Manikanta
36.	17481A0352	Madiri Vasavi (W)
37.	18485A0301	Mohammad Imran



38.	18485A0302	Tatakula Jagadeesh
39.	18485A0303	Junapudi Mahesh Babu
40.	18485A0304	Tankasala Naga Sai Venkata Vara Prasad
41.	18485A0305	Manepalli Pavan Satya Naga Sai Ram
42.	18485A0306	Gurralla Rajesh
43.	18485A0307	Kamarajugadda Naveen Sai
44.	18485A0308	Bulasara Anil Kumar
45.	18485A0309	Gunturu Vinay Kumar
46.	18485A0310	Garapati Venkata Sai Durga
47.	18485A0311	Pamarthi Eswar Veera Venkata Mani Shankar
48.	18485A0312	Avanigadda Kishore
49.	18485A0317	Arepalli Bhogesh
50.	18485A0318	Chakka Chakravarthi
51.	18485A0319	Devanaboina Sri Krishna
52.	18485A0320	Garikipati Dinesh Varma
53.	17481A0353	Mallavolu Ganesh
54.	17481A0354	Manda Prasanth Kumar
55.	17481A0355	Mandava Limesh Sai
56.	17481A0356	Manikonda Sree Latha (W)
57.	17481A0357	Markapudi Jenny Satish Chandra
58.	17481A0358	Marumudi Gopichandu
59.	17481A0359	Matta Vamsi
60.	17481A0360	Matti Bhargava Sai (W)
61.	17481A0363	Mondeddu Gopal Reddy
62.	17481A0364	Munagala Venkata Naga Sai
63.	17481A0365	Munipalli Pavan Kalyan
64.	17481A0366	N Dheeraj Srinivas
65.	17481A0367	Nallamadugu Venkata Karthik
66.	17481A0368	Narepalepu Saket Baba
67.	17481A0369	Nidumolu Raja Ganesh
68.	17481A0370	Padamata Pavan Venkateswararao
69.	17481A0371	Pagolu Hemanth Babu
70.	17481A0373	Parise Ramesh
71.	17481A0374	Pedamallu Dinesh Sai
72.	17481A0375	Perumalla Mohith
73.	17481A0376	Pisupati Chandrakanth
74.	17481A0377	Polagani Jagadesh
75.	17481A0378	Polukonda Sai Kumar
76.	17481A0379	Potnuri Sai Prakash
77.	17481A0380	Pulletikurthi Sai Krishna
78.	17481A0381	Rajulapati Gunavardhan
79.	17481A0383	Ravi Vamsi
80.	17481A0384	Sala Gopi Krishna
81.	17481A0385	Sammata Abhinaya Sesha Sai Akhilesh
82.	17481A0386	Sammata Yoga Sreedhar
83.	17481A0388	Sayila Sriraman
84.	17481A0389	Shaik Chand Basha
85.	17481A0390	Shaik Khaza Ali
86.	17481A0391	Shaik Mohammed Ibraheem Naseer
87.	17481A0392	Shaik Nayak Rasul
88.	17481A0393	Shaik Nazeer Basha

89.	17481A0394	Shaik Rafi
90.	17481A0395	Simhadri Saidharan
91.	17481A0396	Sunkara Mohan Rama Krishna Ganesh
92.	17481A0397	Sunkara Pavan Kumar
93.	17481A0398	Tadepalli Sai Aneesh
94.	17481A0399	Talari Manoah Daniel
95.	17481A03A0	Thota Teja Rakesh Kumar
96.	17481A03A2	Tummala Sujith Kumar
97.	17481A03A4	Uppala Revanth Sai
98.	18485A0321	Vemulapalli Rangarao
99.	18485A0322	Gattireddy Dinesh
100.	18485A0323	Pasupuneti Siva Kumar
101.	18485A0324	Vuyyuru Yugandhar
102.	18485A0325	Mangadoddi Sankar Kumar
103.	18485A0326	Veeranki Pavan Kumar
104.	18485A0327	Vaddeboina Gopi Nath
105.	18485A0328	Rayavarapu Sanjay Kumar
106.	18485A0329	Kolukula Guru Praveen
107.	18485A0330	Pampana Durga Naveen
108.	18485A0331	Chennuru Phani Kumar
109.	18485A0332	Veliventi Naga Venkata Sai Prabhakar
110.	18485A0333	Jasti Rohith Sai
111.	18485A0334	Kagitha Lokesh
112.	18485A0335	Kollareddy Praneethreddy
113.	17481A03A5	Uppala Vivek
114.	17481A03A6	Vadelli Naga Raju
115.	17481A03A7	Valluru Pavan Kumar
116.	17481A03A8	Vampugani Sumanth
117.	17481A03B0	Vasana Hima Ananthnag
118.	17481A03B1	Vatrapu Komali (W)
119.	17481A03B2	Veeranki Konda Babu
120.	17481A03B3	Veerla Harish
121.	17481A03B4	Velchuri Nageswara Rao
122.	17481A03B5	Vemuru Praveen Kumar
123.	17481A03B6	Virivada John Babu
124.	17481A03B8	Yegi Vivek Vamsi
125.	17481A03B9	Pinnamareddy Tabitha Jhansi (W)
126.	17481A03C1	Pulivarthi Karna Teja
127.	17481A03C2	Gedela Joga Rao
128.	17481A03C5	Pegada Ravi Teja
129.	17481A03C7	Kodali Prasantha Raju
130.	17481A03C8	Kolluri Beryl Samudralu
131.	17481A03C9	Danduboyina Kumar Swamy
132.	17481A03D0	Tundururu Subba Raju
133.	17481A03D1	Sadineni Jaya Krishna
134.	17481A03D2	Kolapalli Sai Krishna Sathwik
135.	17481A03D3	Murala Anjaneya Venkata Vara Prasad
136.	17481A03D5	Ganji Pavan Kumar
137.	17481A03D6	Goli Yaswanth Kumar
138.	17481A03D7	Cheerla Chathurya Kumar
139.	17481A03D8	Dhulupudi Ravi Chandra



140.	17481A03D9	Kuppireddy Naveen Kumar Reddy
141.	17481A03E0	Nalla Sudheer
142.	17481A03E1	Settipalli Nagaraju
143.	17481A03E6	Amudala Subhash
144.	17481A03E8	Tammana Murali Sai Samba Siva Kumar
145.	17481A03E9	Bodigadda Satish Kumar
146.	17481A03F0	Madala Manikanta
147.	17481A03F1	Gandreddi Appala Raju
148.	17481A03F2	Atluri Ravi Teja
149.	18485A0339	Bhatta Rahul Sandeep
150.	18485A0340	Berothula Anand Kumar
151.	18485A0341	Jetti Brahmaiah
152.	18485A0342	Mohammed Gouse Pasha
153.	18485A0343	Jammalamadugu Ratna Sagar
154.	18485A0345	Amballa Ravi Kumar
155.	18485A0346	Peram Pandu
156.	18485A0347	Perumalla Sai Prakash
157.	18485A0348	Veeravarapu Gowtham
158.	18485A0349	Jammula Gopi
159.	18485A0350	Devineni Teja Chandra Ravikumar
160.	18485A0351	Pasupuleti Krishna Sai Ram
161.	18485A0352	Annepu Yageswara Rao
162.	18485A0356	Polagani Venkata Sai Abhimanyu
163.	18485A0357	Reddi Naveen
164.	18485A0358	Tata Yayathi Naga Kalyan
165.	18485A0359	Vatapalli Siva Dev

  
Faculty Advisor

  
HOD

  
Principal

**PRINCIPAL**  
Gudlavalleru Engineering College  
GUDLAVALLERU-521356

# **GUDLAVALLERU ENGINEERING COLLEGE**

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

## **Department of Mechanical Engineering**

### **Summary Report on Value Added Course titled “Refresh Course on Ansys Workbench”** **06-09-2020 and 18-09-2020**

**Title of the course:** Refresh Course on Ansys Workbench

**Duration:** 06-09-2020 to 18-09-2020

**Resource Persons:** 1. **Sri. G. M. Raja Mahendra,**  
Sr. Simulation Engineer, Mayinkrish Ventures Pvt. Ltd., Hyderabad,  
Ph. No: 91-7993447912  
2. **Sri. B. R. M.V. Krishna (CEO),**  
Sr. Simulation Engineer Mayinkrish Ventures Pvt. Ltd., Hyderabad.

#### **Objectives of the program:**

1. General understanding of the user interface, as related to geometry import, meshing, application of loads and supports, and postprocessing
2. Procedure for performing FEA simulations, including linear static, modal, and harmonic structural analyses and nonlinear steady-state thermal analyses
3. Utilizing parameters for product development by modifying the failure cases
4. Learn to interfacing with the ANSYS solver for more advanced functionality
5. Space claim Design modeler for creating and modifying CAD geometry to prepare the solid model for analysis
6. ANSYS Workbench is a new-generation solution from ANSYS that provides powerful methods for interacting with the ANSYS solver functionality
7. Creating a three-dimensional mesh using techniques to strategically refine the mesh
8. Design Simulation for performing structural and thermal analyses using the ANSYS solver

#### **Topics Covered:**

- geometry import, meshing, application of loads and supports, and postprocessing
- FEA simulations, including linear static, modal, and harmonic structural analyses and nonlinear steady-state thermal analyses
- ANSYS solver for more advanced functionality
- Design modeler for creating and modifying CAD geometry to prepare the solid model for analysis



**Outcomes of the program:**

- Students will be able to know the latest technologies in various software tools and other upcoming technologies.
- At the end of the course the participant will be able to use the ANSYS package to solve basic engineering analysis problems using FEA techniques.
- The participants should have some basic concept of engineering mechanics and familiarity with desktop environment.

**No. of students enrolled the course: 165**

**No. of students completed the course: 162**





B. Raghunathan

Faculty Advisor

K. K. Kulkarni  
HOD

Principal

PRINCIPAL

Gudlavalleru Engineering College  
GUDLAVALLERU-521356



# GUDLAVALLERU ENGINEERING COLLEGE

SESHADRI RAO KNOWLEDGE VILLAGE::GUDLAVALLERU

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 01-02-2021.

## CIRCULAR

The department of Electronics and Communication Engineering is organizing a two-week Value-Added Course on "Smart System Design using IoT" from 08-02-2021 to 20-02-2021 for IV B. Tech students of all the branches. Hence all UG students are informed to enroll and attend the course.

N. Sambasubramanian  
Co-ordinator

  
HoD


  
Principal

Copy to

HoD CE - 

HoD EEE - 

HoD ECE - 

HoD CSE - 

HoD IT - 

HoD MBA - 

HOD ME

#### About The College:

The college is promoted by AANM & VVRSR Educational Society, Gudlavalleru and was established in 1998. The college offers B.Tech. programmes in six branches of Engineering viz, Civil, Electrical & Electronics, Mechanical, Electronics & Communication, Computer Science, Information Technology, with a total intake of 1080. 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. All the eligible branches of engineering are accredited by NBA and NAAC.

#### About The Department:

The Department of Electronics and Communication Engineering started functioning from the academic year 1998 for B.Tech Course. The department is also offering M.Tech course in Embedded Systems (from the academic year 2008-09). Faculty members are PhD/post graduates in their respective fields and are actively involved in research work and regularly publish their research in reputed journals and conferences. Faculty, as a team, aims to remain focused, promote innovative learning and a network of likeminded persons for success. The Department is recognized as Research centre by JNTUK 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.

#### Convenor:

Dr.Y.Ramakrishna, Professor and HOD, Department of ECE

#### Coordinator:

Sri N.Sambamurthy, Assistant Professor, Department of ECE  
Ph. No.: 8919135139

#### Eligibility:

All IV B. Tech Students

#### Registration fee:

Rs. 250

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

#### Resource Person's Profile:

- Mr. Madhu Parvathaneni, Managing Director, Madblocks Technologies Limited, Hyderabad.  
Ph. No.: 9934567345
- MadBlocks Technologies Private Limited mission is to build a community which recreates the innovation in campus and these innovations leads to great potential startups in campus.

#### About the Value-Added Course:

The VAC is formulated to enhance the knowledge and skill of the participants in various advance issues related to IoT design and applications.

#### Major Course Contents:

- Overview of IoT
- Arduino Platform
- Sensors and Motors Interfacing
- Data Collection and processing
- Think-Speak IoT Cloud Applications
- Datasets and Machine Learning

#### Course Objectives:

- To introduce the advanced concepts in IoT.
- To familiarize the digital technologies in various fields with the advent of IoT.

#### Expected Course Outcomes:

Upon successful completion of the training, the students will be able to

- demonstrate the advantages of IoT technologies.
- describe the concepts of Data Collection and processing.
- analyze the Think-Speak Cloud in IoT Applications.
- explore various Datasets and Machine Learning.

#### A Two-Week Course

on

#### "Smart System Design using IoT"

08-02-2021 to 20-02-2021



#### Organized by

**Department of Electronics and Communication Engineering**

**Gudlavalleru Engineering College (Autonomous)**

Seshadri Knowledge Village

Gudlavalleru – 521356

Krishna District, Andhra Pradesh, India.

Ph: 08674-273737

[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 A Two-Week Value-Added Course on “Smart System Design using IoT”

08<sup>th</sup> to 20<sup>th</sup> February, 2021

#### Course Schedule

S. No.	Date	Topics
1	08-02-2021	Introduction and Applications of IoT
2	09-02-2021	Basic Architecture of IoT
3	10-02-2021	Basics of Arduino Platform
4	11-02-2021	Interfacing Basic Electronics with Arduino
5	12-02-2021	Sensors and Motors Interfacing
6	13-02-2021	MQTT Protocol and applications using IoT
7	15-02-2021	Data Collection and processing from remote hardware devices
8	16-02-2021	Think-Speak IoT Cloud Architecture
9	17-02-2021	Controlling of devices through Think-Speak IoT Cloud
10	18-02-2021	Datasets and Machine Learning
11	19-02-2021	Deep Learning
12	20-02-2021	Case Studies

*N. Sankaranarayanan*  
Co-ordinator

*W. R. M.*  
HoD

*[Signature]*  
Principal

## 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

#### A Two-Week Value Added Course on "Smart System Design using IoT"

(08-02-2021 to 20-02-2021)

#### List of students enrolled

S.No	Roll No.	Name of the Student
1	17481A0401	ADAVI BRAHMAIAH
2	17481A0403	AFROZ KHAN
3	17481A0404	ALLU HARINADH REDDY
4	17481A0405	AMARLAPUDI VIJAY KUMAR
5	17481A0406	ANAGANI RAMU
6	17481A0407	ANDRAJU GANESH
7	17481A0408	ANGADALA MAHESH BABU
8	17481A0409	ANIPIREDDY MAHENDRA
9	17481A0410	ANKEM BHAVANA
10	17481A0411	ANKEM VENKATA RAGHAVENDRA KALYAN
11	17481A0412	ARAVA PRISKILLA
12	17481A0413	ARIGELA LEELA KALYANI
13	17481A0414	ASURI JYOTSNA
14	17481A0415	ATMURI TEJASWI
15	17481A0416	BACHCHU JASWANTH SAI
16	17481A0417	BALLA DANI HEMANTH
17	17481A0418	BANDARU VENKATA APPALA SAI JANARDHAN
18	17481A0419	BANDARUPALLI NAGA VINAY
19	17481A0420	BATRAJU KUSUMA NAGA LALITHA
20	17481A0421	BATTA HEMA SUNDARI
21	17481A0422	BATTINA VIJAYA DURGA
22	17481A0423	BATTU PRIYANKA
23	17481A0424	BEZAWADA SUDHEER
24	17481A0425	BHIRAVABHOTLA VENKATA MOUNIKA
25	17481A0426	BODDU SIVARAMA KRISHNA
26	17481A0427	BODI LEELA PRABHAKAR
27	17481A0428	BOMMIDI AKHILA
28	17481A0429	BOYINA PADMAJA
29	17481A0430	BURA TRIVENI *
30	17481A0431	CHALLAPALLI YOGAANJANEYA KRISHNA SUJITH
31	17481A0432	CHANDANA MANOJ KUMAR
32	17481A0433	CHANDIKA RAMYA
33	17481A0434	CHENI GOPINATH
34	17481A0435	CHIGURUPATI HEMANTH SATYA SUNDAR
35	17481A0436	CHILAMKURTHI HARIVARDHAN
36	17481A0438	CHINNENI BHANU TEJA
37	17481A0439	CHINTADA SAI SURESH
38	17481A0440	CHITTURU PAVAN KUMAR
39	17481A0441	CHOWDAVARAPU YAMINI
40	17481A0442	CHOWTA MANI NAGA SURENDRA
41	17481A0443	DAGGUBATI HARI PRIYA
42	17481A0444	DALIPARTHI SAI SUBHASH
43	17481A0445	DASARADHI SRIHARSHA
44	17481A0446	DEEKSHIT KUMAR REDDY CHEVURU



S.No	Roll No.	Name of the Student
45	17481A0447	DEVANAMAINA RAMESH
46	17481A0448	DHARMAVARAPU RATNA MANI
47	17481A0449	DHULIPALA JAGADEESWARI
48	17481A0450	DIVVE ARUNA
49	17481A0451	DODDAKULA VEERANJANEYULU
50	17481A0452	EDHA SAI NIKHIL REDDY
51	17481A0453	FAREEDA
52	17481A0454	GANDRAPU RAMA HARIKA
53	17481A0455	GANGULA YADU VAMSI
54	17481A0456	GANISETTI KEERTHI NAIDU
55	17481A0457	GANJIKUNTA NIKIL
56	17481A0458	GARIKAPATI HONEY
57	17481A0459	GARIKIPATI CHIRANJEEVI
58	17481A0460	GARIKIPATI RAGHAVA RANJITH KUMAR
59	17481A0461	GATTI GANI BABU
60	17481A0462	GERA SUMA
61	17481A0463	GHANTA PRAVEEN
62	17481A0464	GODAVARTHI SAMYUKTHA
63	17481A0465	GODUGULURI LAKSHMI DURGA
64	17481A0466	GOLI NAGAVENKATA PAVANKUMAR
65	17481A0467	GORIPARTHI VINAY KUMAR
66	17481A0468	GORLE SAIKUMAR
67	17481A0469	GOTTIPATI RANJITH KUMAR
68	17481A0470	GUDDANTI TIRUMALA KRISHNA SAI PRASAD
69	17481A0471	GUDIBANDLA NAGA VENKATA SIVASAI
70	17481A0472	GUMMA SUDHEER
71	17481A0473	GUMMADI BHARGAVI
72	17481A0474	GUMMADI VIDHYA SREE
73	17481A0475	GUNJI POOJITHA
74	17481A0476	INJAM VENKATA RAO
75	17481A0477	JAGARLAPUDI LAKSHMI INDRANI
76	17481A0478	JAMMIGUMPULA KOTESWARA RAO
77	17481A0479	JANGAM SIRI
78	17481A0480	JIDAGAM DEEPTHI
79	17481A0481	JOGA KRISHNA
80	17481A0482	JONNALA DIWAKAR REDDY
81	17481A0483	KAKUMANU ROHITH
82	17481A0484	KALAVALA HARIKA
83	17481A0485	KALLAGUNTA AJAY KUMAR
84	17481A0486	KALLEPALLI KRISHNAVENI
85	17481A0487	KAMA ISAAC
86	17481A0488	KAMBHAM LAHARI
87	17481A0489	KANCHARLA NAVYA JYOTHI
88	17481A0490	KANCHARLA VEERA VENKATA SAI KRISHNA
89	17481A0491	KANCHERLA SUMA SREE
90	17481A0492	KANNA PRATHIBA
91	17481A0493	KANOLLA SIVA KUMAR
92	17481A0494	KANUMOLU KALI VARA PRASAD
93	17481A0495	KAPUDASI RICKY PREETHAM
94	17481A0496	KARETI BHAVANA

S.No	Roll No.	Name of the Student
95	17481A0497	KATTI NANI BABU
96	17481A0498	KODURU AJITH
97	17481A0499	KOLLI PUJITHA SAI
98	17481A04A0	KOLLURI BINDU
99	17481A04A1	KOMMANAMANCHI PHANEENDRA
100	17481A04A2	KONATHAM HIMASREE
101	17481A04A3	KONATHAM LAKSHMI POOJITHA
102	17481A04A4	KONATHAM SURESH BABU
103	17481A04A5	KONATHAM VIJAY KRISHNA
104	17481A04A6	KONDAPATURI MAHITH SAI
105	17481A04A7	KOPPINEEDI DEVENDRA SATYA SURYA PHANIKAR
106	17481A04A8	KOPPURAVURI PAVAN KUMAR
107	17481A04A9	KOTA ASWINI
108	17481A04B0	KOTA SATISH
109	17481A04B1	KOTHA SAI GANESH MANIKANTA
110	17481A04B2	KUMMARA MOWRNA DEEPIKA
111	17481A04B3	KURICHETI ARUNDHATHI
112	17481A04B4	LAKKAPAMU NAVEEN KUMAR
113	17481A04B5	LAKSHMI PRANATHI PITTA
114	17481A04B6	LANKA CHANDANA
115	17481A04B7	LANKE HEMANTH PHANI VARMA
116	17481A04B8	M OM SAI VENKATA REVANTH
117	17481A04B9	MADDIRALA PRASANTH
118	17481A04C0	MADIPALLI CHAITANYA PRUDHVI
119	17481A04C1	MADUPALLI VENKATA SAI PRANEETH
120	17481A04C2	MANEPALLI VASUDEVA RAO
121	17481A04C3	MANTI RAMANJANEYULU
122	17481A04C4	MAVULURI SWATHI
123	17481A04C5	MEDA NAVYASRI
124	17481A04C7	MERUGU VIJAYA SRI
125	17481A04C8	MERUGUMILLI NAGA SAI KRISHNA
126	17481A04C9	MOHAMMAD ASGAR ALI ANSARI
127	17481A04D0	MOHAMMED MUJAHID AHMED
128	17481A04D1	MOKA BHAGYA RAJ
129	17481A04D2	MUDI ANITHA
130	17481A04D3	MURALA SAI NAGA SANDEEP
131	17481A04D4	MUTHIREDDY AKASH
132	17481A04D5	NAGABOTHU SRI RAM
133	17481A04D6	NAGANABOINA PAVAN KUMAR
134	17481A04D7	NAMBURU VENKATA SIVA MOHITH
135	17481A04D8	PACHARLA RAVI CHANDRIKA
136	17481A04D9	PALLE SARAN KUMAR REDDY
137	17481A04E0	PANCHANAPU SURYA VARUNKANTH
138	17481A04E1	PANTHAGANI MADHULATHA
139	17481A04E2	PANUGANTI MOHAN AJAY
140	17481A04E3	PARASA USHA SRI
141	17481A04E4	PARISA HARSHA NAGA SAI KIRAN
142	17481A04E5	PARRE NIKHITHA
143	17481A04E6	PARUCHURU SAI NITHIN



S.No	Roll No.	Name of the Student
144	17481A04E7	PASUMARTHI DINISRI
145	17481A04E8	PENTA JYOTHIRMAI
146	17481A04E9	PENUMAKA SUMA
147	17481A04F0	PENUMALA SUPRIYA
148	17481A04F1	PENUMUDI SAIPRIYA
149	17481A04F2	PERAPRAGADA SAI NAGA ALEKHYA
150	17481A04F3	PERUGU GAYATHRI
151	17481A04F4	PITTU VENKAT REDDY
152	17481A04F5	POTHULA GOPI KRISHNA
153	17481A04F6	POTHURI LILLI SRINIJA
154	17481A04F7	POTLURI GIRISH SAI CHARAN
155	17481A04F8	PULIKONDA BHUVAN CHAND
156	17481A04F9	PULIMI BALA SANKARA RAO
157	17481A04G0	PUPPALA NAIMESHA
158	17481A04G1	PUSALA SREEDATTA
159	17481A04G2	PUTTA KALYANI
160	17481A04G3	RAYAPUDI UDAY
161	17481A04G4	RAYIGIRI VENKATA SIRISHA
162	17481A04G5	RENTALA VENKATA SAIDULU
163	17481A04G7	SAMBANGI SNEHA LATHA
164	17481A04G8	SANAKA OJESWINI
165	17481A04G9	SANIKOMMU INDRA KUMAR REDDY
166	17481A04H1	SETTIPALLI SIVA SAI TARUN
167	17481A04H2	SHAIK ANEES AHAMMED
168	17481A04H3	SHAIK RIYAZ
169	17481A04H4	SHAIK SAIDA
170	17481A04H5	SHAIK YOUSUF ISMAIL
171	17481A04H6	SIDDULA SPANDANA
172	17481A04H7	SIRIPURAPU SHANMUKA
173	17481A04H8	SRI TANUJA MACHINA
174	17481A04H9	SUKASI GOPI KISHORE
175	17481A04I1	SUVVA VENKATA SIRI
176	17481A04I2	SYAMALA DUSHYANTH MOHAN REDDY
177	17481A04I3	TALARI RAMYA SREE
178	17481A04I4	TALLURI LALITHA AISHWARYA LAKSHMI
179	17481A04I5	TANKALA LAYA SRI
180	17481A04I6	TANKALA VENKATA LAKSHMI
181	17481A04I7	THOTA RAJASREE
182	17481A04I8	THUMMALA GAGANA SAI
183	17481A04I9	UDAYAGIRI DILEEP
184	17481A04J0	UPPALA NAGA MALLESWARA RAO
185	17481A04J1	UPPUTHOLLA LOKNIVAS
186	17481A04J2	VADDINENI HARI SIVA PRAKASH
187	17481A04J3	VADLAMANNATI VALLI YAMINI
188	17481A04J5	VALLURI ANUSHA
189	17481A04J6	VALLURU VENKATA SAI TEJA
190	17481A04J7	VALLURUPALLI TEJA SAI
191	17481A04K0	VEERABOINA SIVANI
192	17481A04K1	VEERANKI RAMYA

S.No	Roll No.	Name of the Student
193	17481A04K2	VIJJIROUTHU MOUNIKA
194	17481A04K3	VIKKURTHI PUJITHA
195	17481A04K4	VURA MOHAN VAMSI
196	17481A04K5	YARRA NARENDRA KUMAR
197	17481A04K6	YEKULA BHAVANI
198	17481A04K7	Y BINDU NAGA VENKATA SAI SUNEELA
199	17481A04K8	VATTE PRAVALLIKA
200	17481A04K9	CHEEKURTHI JENIFA
201	17481A04L0	PAKA VENKATA SAI RAM
202	17481A04L1	ADI DURGA SRAVANTHI
203	17481A04L2	SUNKARA GANESH
204	17481A04L3	KATARI THIRUMALAREDDY
205	17481A04L4	MADABATHULA SYAM SUNDAR
206	17481A04L5	CHAKKA REVAN
207	17481A04L6	SESETTI HARSHAVARDHINI
208	17481A04L7	BADIGA KISHORE
209	17481A04L8	MOHAMMED FAIZAN
210	17481A04L9	MUSUNURU PREETHI SAILAJA
211	17481A04M0	GADDALA KALYAN BABU
212	17481A04M1	SANGOJU CHAKRAVARTHI
213	17481A04M2	TERA KAVYA
214	17481A04M3	SYED SHOYAB
215	17481A04M4	MUKKA HARISH
216	17481A04M5	KONDALA KULADEEP
217	17481A04M6	LOYA LAKSHMI PRASANNA
218	17481A04M7	VARRE SAILAJA
219	17481A04M9	THUMMALA VENKATESWARLU
220	17481A04N0	NAGULAPATI ANJANEYULU
221	17481A04N1	KATRAGADDA SAMYUKTHA CHOWDARY
222	17481A04N2	KOLLI ANIL KUMAR
223	17481A04N3	INDLA NAGENDRABABU
224	17481A04N4	KOLLURI ASHOKACHAKRAVARTHY
225	17485A0416	CHITTURI NAGA BABU
226	18485A0401	ANNABATHULA VYSHNAVI
227	18485A0402	CHALAMALASETTI BABY SRI LAKSHMI
228	18485A0403	DOKKU GOPI RAJU
229	18485A0404	JOGI PRATHUSHA
230	18485A0405	KATHIKA NAVEEN KUMAR
231	18485A0406	LUKKA SAI SAMPATH KUMAR
232	18485A0407	MACHAVARAPU CHAITANYA
233	18485A0408	MALLAVOLU MANASA
234	18485A0409	MUTYALA DEEPA SRI
235	18485A0410	NAMBURI SASI KUMAR
236	18485A0411	NANDAM TONESWARI
237	18485A0412	PADARTHI YASASWINI
238	18485A0413	PAMIDI KARTHIK
239	18485A0414	PUDI HARI MANIKANTA
240	18485A0415	SAMMETA JAYASAICHARAN
241	18485A0416	VASI STANES DANY



S.No	Roll No.	Name of the Student
242	18485A0417	CHIMAKURTHI DHANUSH SAI SANKAR
243	18485A0418	GOPU MANIKANTA
244	18485A0419	GORTHI SRIKRISHNA CHAITANYA
245	18485A0420	GUGGULOTHU MOUNIKA
246	18485A0421	GULLAPALLI LAKSHMI DEEPAK
247	18485A0422	KATRAGADDA PUJITH CHOWDARY
248	18485A0423	KEMBURI SURESH
249	18485A0424	MURARI NAVYA
250	18485A0425	NERUSU PAVAN KUMAR
251	18485A0426	PALLA JAGADEESH
252	18485A0427	PONNAPALLI LAKSHMI SATYA VAISHNAVI
253	18485A0428	SHEIK MASTAN BHI
254	18485A0429	SONTI ANUSHA
255	18485A0430	BELLAMKONDA BHARGAV LAKSHMAN
256	18485A0431	BODA PAVAN KALYAN
257	18485A0432	CHOWTAPALLI TILAK
258	18485A0433	DASARI HEMANTH
259	18485A0434	GOPISETTI RAVI TEJA
260	18485A0436	IRFAN BAIG
261	18485A0437	KUNDETI NAVEEN
262	18485A0438	MUNAGALA VENKATA SARAT
263	18485A0439	NAGAMALLA SAI TEJA
264	18485A0440	PAMARTHI RAKESH
265	18485A0441	ALAKUNTA PADMAVATHI
266	18485A0442	ALLA YASWANTH
267	18485A0443	BODDU KALPANA
268	18485A0444	BURRA MOHANA KRISHNA
269	18485A0445	BUSI JYOTHI PRAKASH
270	18485A0446	CHILUKOTI ASHISH
271	18485A0447	CHIMATA VAMSI
272	18485A0448	DEVARAPALLI VAMSI
273	18485A0449	JAMPANI DINESH
274	18485A0450	KANAKAVALLI RAJ KUMAR
275	18485A0451	MEDEPALLI JESWANTH
276	18485A0452	NUNNA REVATHI
277	18485A0453	PEDDAPALLI MANASA
278	18485A0454	SOMALA TEJA SAI
279	18485A0455	VEERANKI TIRUMALA GOPI

  
Co-ordinator

  
HoD

  
Principal



# **GUDLAVALLERU ENGINEERING COLLEGE**

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

## **Department of Electronics and Communication Engineering A Two-Week Value-Added Course on “Smart System Design using IoT”**

08<sup>th</sup> to 20<sup>th</sup> February, 2021

### **Report**

**Title of the course:** “Smart System Design using IoT”

**Duration:** 08-02-2021 to 20-02-2021

**Resource Persons:**

- Mr. Madhu Parvathaneni, Managing Director, Madblocks Technologies Limited, Hyderabad.  
Ph. No.: 9934567345

**Course Objectives:**

- To introduce the advanced concepts in IoT.
- To familiarize the digital technologies in various fields with the advent of IoT.

**Topics Covered:**

- Overview of IoT
- Arduino Platform
- Sensors and Motors Interfacing
- Data Collection and processing
- Think-Speak IoT Cloud Applications
- Datasets and Machine Learning

**Course Outcomes:**

- The students demonstrated the advantages of IoT technologies.
- The students applied the Think-Speak Cloud in IoT Applications
- The students explored various Datasets and Machine Learning.



No. of students enrolled the course: 279

No. of students completed the course: 276



N. Sarbajit  
Co-ordinator

W  
HoD

Principal

# GUDLAVALLERU ENGINEERING COLLEGE

SESHADRI RAO KNOWLEDGE VILLAGE::GUDLAVALLERU

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 10-01-2021.

## CIRCULAR

The department of Electronics and Communication Engineering is organizing a two-week Value-Added Course on "Digital System Design Using Verilog " from 18-01-2021 to 30-01-2021 for III B. Tech students of all the branches. Hence all UG students are informed to enroll and attend the course.

  
Co-ordinator

  
HoD

  
Principal


Copy to

HoD CE - 

HoD EEE - 

HoD ECE - 

HoD CSE - 

HoD IT - 

HoD MBA - 



**GUDLAVALLERU ENGINEERING COLLEGE**  
**SESHADRI RAO KNOWLEDGE VILLAGE: GUDLAVALLERU**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**A Two-Week Value-Added Course on**  
**"Digital System Design Using Verilog"**

**18<sup>th</sup> to 30<sup>th</sup> January, 2021**

**About 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 six branches of Engineering and 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. All the eligible branches of engineering are accredited by NBA and NAAC.

**About The Department:**

The Department of Electronics and Communication Engineering started functioning from the academic year 1998 for B.Tech Course. The department is also offering M.Tech course in Embedded Systems (from the academic year 2008-09). 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.

**About the Value-Added Course:**

To enhance the technical skills in front end VLSI design and Verilog HDL coding of B.Tech students, A Two Week Value Added Course on "Digital System Design Using Verilog", is being organized by Department of Electronics and Communication Engineering, Gudlavalleru Engineering College and LUCID VLSI, Hyderabad.

**Course Objectives:**

- To introduce various process VLSI system design flow.
- To familiarize the participants in multidisciplinary team-based approach for engineering problem solving.

**Major Course Contents:**

- Verilog basics and Procedural blocks
- Combinational and Sequential Circuits
- Finite state machines/ASM and Static Timing analysis
- Clock generation and VLSI design process

**Expected Course Outcomes:**

At the end of the course, the students will be able to

- design and implement digital circuits using Verilog.
- achieve integrated system-level solutions.
- perform synthesis and simulation process of digital circuits

**Resource Person:**

**Er. Raja Bandi**, Founder and Director, Lucid VLSI, Hyderabad.  
Phone no.: 9949954576, Email: raja@lucidvlsi.com

**Convener:**

Dr. Y.Ramakrishna, Professor & HOD, Department of ECE

**Coordinator:**

Sri Y.Sri Chakrapani, Associate Professor, Department of ECE, Ph No.: 9912629700

**Target Audience:**

III B.Tech Students

**Registration Fee:**

Rs. 200

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





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

**LUCID VLSI**  
Learning Unlimited, Coding in Deliberate.

**Department of Electronics and Communication Engineering**  
**A Two-Week Value-Added Course on**  
**“Digital System Design Using Verilog”**

18<sup>th</sup> to 30<sup>th</sup> January, 2021

**Course Schedule**

S. No.	Date	Topics
1	18-01-2021	Verilog basics
2	19-01-2021	Data types and Operators
3	20-01-2021	Procedural blocks
4	21-01-2021	Tasks and Functions
5	22-01-2021	\$display, \$monitor, \$write and \$strobe
6	23-01-2021	User defined Primitives
7	25-01-2021	Test-Bench Constructs
8	26-01-2021	Combinational Circuits
9	27-01-2021	Sequential Circuits
10	28-01-2021	VLSI Design Process
11	29-01-2021	Static Timing analysis
12	30-01-2021	Mini Project

  
Co-ordinator

  
HoD

  
Principal

## 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**  
**A Two-Week Value Added Course on "Digital System Design Using Verilog"**  
**(18-01-2021 to 30-01-2021)**

**List of students enrolled**

S.No.	Roll No.	Name of the Student
1	18481A0401	ABDUL JAVEED
2	18481A0402	ADDANKI KEERTHI VARDHAN
3	18481A0403	AKASAPU DURGA PRASAD
4	18481A0404	ALLURI CHANDU
5	18481A0405	ANGADALA PUJITHA
6	18481A0406	APPANA DURGA PRANEETHA
7	18481A0407	AREPALLI GANGADHAR
8	18481A0408	AVANIGADDA CHARANI
9	18481A0409	BANDARU RAJYA LAKSHMI
10	18481A0410	BANDARUPALLI NITHIN SAI KUMAR
11	18481A0411	BANDREDDI NAGA LAKSHMI PRASANNA
12	18481A0412	BATHULA ROOPA SREE CHOWDARY
13	18481A0413	BEJAVADA LAKSHMI YESWANTH
14	18481A0414	BETHAPUDI LIKITH SAI
15	18481A0415	BEVARA PAVAN KUMAR
16	18481A0416	BHATRAJU MUKUNDAPRIYA
17	18481A0417	BILLAKURTHI RAVINDRA
18	18481A0419	BODDU RAVINDRA BABU
19	18481A0420	BOPPUDI BHAVYA
20	18481A0421	BORRA JAHNAVI
21	18481A0422	BOTLA YOGI
22	18481A0423	BRUNDAVANAM PAVAN KUMAR
23	18481A0424	CHAKKA SRILAKSHMI SOWMYA
24	18481A0425	CHALAMALASETTI BALASAI SUBBA RAO
25	18481A0426	CHALLA BHAVITHA
26	18481A0427	CHALLAGUNDLA VAMSI KRISHNA
27	18481A0428	CHANDU KAVYASREE
28	18481A0429	CHEBATTINA MANASA
29	18481A0430	CHEBOINA BINDU SAI PRASANNA
30	18481A0431	CHEBOYINA MERCY RANI
31	18481A0432	CHENNAMSETTI VENNELA SAI HARSHINI
32	18481A0433	CHENNUPATI YASWANTH KRISHNA
33	18481A0434	CHILLANKI SIRAJUDDIN
34	18481A0435	CHILUVOLLANKA SRAVAN KUMAR
35	18481A0436	CHIMMILI JAYASANKAR
36	18481A0437	CHINTA MOULIKA
37	18481A0438	CHINTAPALLI PREMSHAINY KUMAR
38	18481A0439	CHINTHA VOSHAL JAYASURYA
39	18481A0440	CHIRAKALA SAIMALAVIKA
40	18481A0441	CHORAGUDI MAMATHA
41	18481A0442	CHORI NIRMALA
42	18481A0443	CHOUTAPALLI VISWA BHARATHI
43	18481A0444	DARA KRISHNAVAMSI
44	18481A0445	DARSI BHAVANI SANKAR

S.No.	Roll No.	Name of the Student
45	18481A0446	DASI MOHAN VENKAT
46	18481A0447	DEEKULLA VENNELA
47	18481A0448	DEVANABOYINA YUVARAJU
48	18481A0449	DEVISETTI GURU RAJESH
49	18481A0450	DIMMITI SASIDHAR
50	18481A0451	DODDAKA VEDAHARSHINI
51	18481A0452	DONDAPATI GIRIBABU
52	18481A0453	SAMMETA CHINNA NAGA VIGNA MANIKANTA
53	18481A0454	EDE RAJA SRI
54	18481A0455	EDUPUGANTI NISSI
55	18481A0456	ELAPROLU LOKESH
56	18481A0457	ELURI VENKATA NAGARJUNA
57	18481A0458	GAJJALA RAMMOHAN REDDY
58	18481A0459	GANDHAM SAI SIVAKRISHNAKUMAR
59	18481A0460	GANGIREDDY VENKATA SAI CHAITANYA REDDY
60	18481A0461	GARIKAPATI SEETHARAM CHOWDARI
61	18481A0462	GAROU PRATHIBHA
62	18481A0463	GODAVARTHI ASHA
63	18481A0464	GOLLAPATI ABHILASH MOHAN
64	18481A0465	GOLLU NAIDU BABU
65	18481A0466	GORLA VAMSI SAI
66	18481A0467	GUDAPATI PAVAN KUMAR
67	18481A0468	GUDDANTI GANESH
68	18481A0469	GUDIPALLI FRANCIS
69	18481A0470	GUDLA VENKATA PAVAN
70	18481A0471	GUNDU BADRINATH
71	18481A0472	GUNJI VENKATA NARESH
72	18481A0473	GUNTAKA SEERSH VEDA
73	18481A0474	GUTTA JAYADEEP SAI
74	18481A0475	IJJARATI MANIKANTA
75	18481A0476	JADDU VEERENDRA NADH
76	18481A0477	JALASUTRAM HYNAR
77	18481A0478	JAMMALAMADAKA VENKATA SRIKANTH
78	18481A0479	JAMPA GANESH
79	18481A0480	JANJANAM BHAVANA
80	18481A0481	JONNALAGADDA VENKATA DHANA RAJU
81	18481A0482	KADAKUDITI T N V L S S PRASANTH
82	18481A0483	KADIYALA VIJAYA LAKSHMI
83	18481A0484	KAKUNURI YASWANTH
84	18481A0485	KALAPALA JAGADEESH
85	18481A0486	KALLAM HARSHA VARDHAN REDDY
86	18481A0487	K PHANEESWARA ABHIRAM
87	18481A0489	KANAGALA ANANTH BABU
88	18481A0490	KANAGALA NIRMAGNA
89	18481A0491	KANAPARTHI LAKSHMI INDRA LATHA
90	18481A0492	KANNA VAMSI KRISHNA
91	18481A0493	KANUMURI CHANDRA KALA
92	18481A0494	KANUMURI DEVESH
93	18481A0495	KARAPATI ADILAKSHMI SAI
94	18481A0496	KARETI MONESH



S.No.	Roll No.	Name of the Student
95	18481A0497	KASARAPU MANOJ KUMAR
96	18481A0499	KATTA NAVEEN
97	18481A04A0	KATURI MANOJ
98	18481A04A1	KESANA PAVANSAI
99	18481A04A2	KODALI NAGA SUNITHA
100	18481A04A3	KONETI SAI SAMPATH
101	18481A04A4	KOSURI LAKSHMI THIRUMALA
102	18481A04A5	KOTHAPALLI SUSANTH
103	18481A04A6	K LOKESH NAGENDRA KUMAR
104	18481A04A7	KUMBHAM HARSHITHA
105	18481A04A8	KUMPATI MEGHANADHUDU
106	18481A04A9	KUMPATI RAHUL
107	18481A04B0	KUNAM GANESH MANOJ KUMAR REDDY
108	18481A04B1	KUNAPAREDDY SAI BHARGAV
109	18481A04B2	KUNKUNURU VEERANJANEYULU
110	18481A04B5	KURAPATI NAVEEN
111	18481A04B6	KURRALA MEGHANA
112	18481A04B7	LANKAPALLI B N V KAILASH KUMAR
113	18481A04B8	LOYA KUSHWANTH VARDHAN
114	18481A04B9	LOYA NAVEEN KUMAR
115	18481A04C0	LOYA SIVANI
116	18481A04C1	MADALA SAI KUMAR
117	18481A04C2	MALIREDDY VEERENDRA REDDY
118	18481A04C3	MALLA DIVYA
119	18481A04C4	MAMIDI SAISRISIVAMALLESWARI
120	18481A04C6	MANI CHALLAPALLI
121	18481A04C7	MAREEDU VENKATA PAVAN
122	18481A04C8	MAREPALLI NAGARJUNA
123	18481A04C9	MATCHA GOWRI VENKATA SAI AKHIL
124	18481A04D0	MATURI RAMACHANDRA SAI
125	18481A04D1	MEDEPALLI VENKATA RATNA RAHUL
126	18481A04D2	MEKALA SURAGA PALLAVI
127	18481A04D3	MODUGUMUDI ARUNA
128	18481A04D4	MOHAMMAD SHARMILA
129	18481A04D5	MOHAMMED INTHIYAZ BASHA
130	18481A04D6	MORLA AMULYA
131	18481A04D7	MOTHUKURI JAHAVALI
132	18481A04D8	MUDILI LIKHITHA PARAMESWARI
133	18481A04D9	MULLAGIRI PAVAN ROHITHGANDHI
134	18481A04E0	MURAPAKA PHANI KUMAR
135	18481A04E1	MUSUNURI SINDHU
136	18481A04E2	NADAKUDURU MANASA
137	18481A04E3	N MOHANA VENKATA SAI MANIKANTA
138	18481A04E4	NAKKA GEETHA SRI SAI KIRAN
139	18481A04E5	NAMBURI SOWMYA
140	18481A04E6	NANDULA SRUTHI
141	18481A04E7	NANGIGADDA PAVAN SAI
142	18481A04E8	NANNAPANENI SAIKIRAN
143	18481A04E9	NATTA MOUNI


S.No.	Roll No.	Name of the Student
144	18481A04F0	NAVULURI PAVANI
145	18481A04F1	NIDUMOLU NAGA SRAVANI
146	18481A04F2	NIMMAGADDA SAI PRATHYUSHA
147	18481A04F3	NUNNA YAMINI GEETHA
148	18481A04F4	PALAKURTHY VINAY
149	18481A04F5	PALLA RAJESH
150	18481A04F6	PAMU DIVYA
151	18481A04F7	PANDI LIKITHA
152	18481A04F8	PANGULURI MANIKANTA
153	18481A04F9	PATNALA MANVITHA
154	18481A04G0	PARASA SIVA SANKAR
155	18481A04G1	PARELLA MAHESH BABU
156	18481A04G2	PARNAM DIVYA KOTI
157	18481A04G3	POTHINI DHANUSH RAJ
158	18481A04G4	PARISE HARICHANDANA
159	18481A04G5	PARUPUDI GOPI VEERA MALLESWAR
160	18481A04G6	PEDDIREDDY MADHUKAR BOBBY
161	18481A04G7	PETETI VAMSI
162	18481A04G8	PILLAMGOLLA AKHIL
163	18481A04G9	PILLARISETTI HARITHA SRI
164	18481A04H0	POLAGANI ANKITHA SUMA
165	18481A04H1	POLUKONDA VENKATA SRI LEKHA
166	18481A04H2	PURIHELLA AMRUTHA
167	18481A04H3	RACHAKONDA SASI VARDHAN
168	18481A04H4	RAGHUMANDA NAGA YASASWINIDEVI
169	18481A04H5	RAJAKUMAR VARDHIL KUMAR
170	18481A04H6	RAJOLU GOPI RAJU
171	18481A04H7	RAVULA MANI SAGAR
172	18481A04H8	RAVURI GOWTHAMI
173	18481A04H9	REBBA NAGARAJU
174	18481A04I0	REDROWTHU SOHITH SRIRAM
175	18481A04I1	REMALA KULADEEP GOPI KRISHNA
176	18481A04I2	REVU NAVEEN LAKSHMAN VARMA
177	18481A04I3	SADHU RESHMA
178	18481A04I5	SAPPA MANO HARSHA
179	18481A04I6	SARIPALLI RENU SRI
180	18481A04I7	SATYA KARTHEEK DEVANABOINA
181	18481A04I8	SHABANA
182	18481A04I9	SHAFIYA SULTHANA
183	18481A04J0	SHAIK ARIF
184	18481A04J1	SHAIK ARIFUNNISA
185	18481A04J2	SHAIK DILSHAD
186	18481A04J3	SHAIK FAYAZ AHMED
187	18481A04J4	SHAIK SHAHIN
188	18481A04J5	SHAIK SRAVANI
189	18481A04J6	SHOAIB HUSSAIN
190	18481A04J7	SIRIGIRI PRASANTHI
191	18481A04J8	SOMAGANI VINEELA
192	18481A04J9	SONTI RAMYA SRI

S.No.	Roll No.	Name of the Student
193	18481A04K0	SRIPADA GURU CHARAN
194	18481A04K1	S L VENKATA BALA VASAVI MAHITHA
195	18481A04K2	SUNKARA ANUDEEP REDDY
196	18481A04K3	SUNKARA PAVAN KALYAN
197	18481A04K4	SURAPANENI NAGAPHANI
198	18481A04K5	T UTTEJ NAGA VENKATA MARUTHI RAO
199	18481A04K6	TALAPANTI UMESH KALYAN
200	18481A04K7	THAMMU OMA SREE
201	18481A04K8	THOKALA PRIYANKA
202	18481A04K9	THOTA LAKSHMI PRASANNA
203	18481A04L0	TIRUMALA GUDIMELLA SAI SRINIVAS
204	18481A04L1	TUMMALAPALLI PRABHULALITHA
205	18481A04L2	UTKANTH SIDDIK KANULLA
206	18481A04L3	VADAKEPARAMBIL MANU SHAJI
207	18481A04L4	V HEMANTH SRI MANIKANTH
208	18481A04L5	VALLABHASETTI BHANU POOJITHA
209	18481A04L6	VALLABHUNI PADMINI
210	18481A04L7	VEERAGANDHAPU SAIKRISHNA
211	18481A04L8	VEERAVALLI VINAYKUMAR
212	18481A04L9	VELIVELA VEERA VENKATA PAVAN
213	18481A04M0	VELPULA MITHILESH SUK
214	18481A04M1	VEMURU ARAVIND
215	18481A04M2	VENKATSURYA ACHANTA
216	18481A04M3	VISSARAPU SUBHASH CHANDRA BOSE
217	18481A04M4	VUNDEMUDUGULA VENKATA RAMA KRISHNA
218	18481A04M5	VUSA ROHITH
219	18481A04M6	VUTUKURI SYAM CHAITHANYA
220	18481A04M7	YAKKATI JAYA SRI
221	18481A04M8	YARLAGADDA VIKHITHA
222	18481A04M9	YARRAMSETTI MOHANA NAGA SRI RAMA KRISHNA
223	18481A04N0	YARRAMSETTI NAGA PAVAN
224	18481A04N1	YARRAMSETTY NAGA LAKSHMI
225	19485A0401	ADUSUMILLI JYOTHIRMAI
226	19485A0402	BOPPIDI YASASRI
227	19485A0403	GORIPARTHI VINEELA
228	19485A0404	GUDAVALLI MADHU LATHA
229	19485A0405	KONALA VANITHA
230	19485A0406	LAHORI MALLIKA
231	19485A0407	MALLULA DEEPTHI
232	19485A0408	MUDDAM ANANYA
233	19485A0410	NARKETMILLI LAKSHMINAGA VENKATA SUSMITHA
234	19485A0411	PARISE KOMALI
235	19485A0412	ALLAPARTHI BHARADWAJ
236	19485A0413	BEZAWADA ACHYUTH KUMAR
237	19485A0414	BEZAWADA SRI BALA AYYAPPA SWAMY
238	19485A0415	DOKKU SIVAJI
239	19485A0416	EDE AMALA THARUN
240	19485A0417	EMANI HARI BABU
241	19485A0418	KAPAVARAPU JAGADISH



S.No.	Roll No.	Name of the Student
242	19485A0419	KUNAPAREDDY SAI PRAKASH
243	19485A0420	MADDALA SONA
244	19485A0421	MIKKILI BHAVYA PRAVALIKA
245	19485A0422	NIMMAGADDA SAI JYOTHI SREE
246	19485A0423	VARA PRAMOD
247	19485A0424	ANDE KAVYA SRI
248	19485A0425	CHANDANA SUGUNA SRI
249	19485A0426	DANDE PRADEEP KUMAR
250	19485A0427	KUNA SAI GANESH
251	19485A0428	MODUGU VINATHI HRUDAI
252	19485A0429	MUNNANGI SUNEETHA
253	19485A0430	NANDIKA PAVAN
254	19485A0431	PALADUGU SAI KRISHNA
255	19485A0432	PATHAN SHABBIR KHAN
256	19485A0433	SHAIK NADEEM

  
Co-ordinator

  
HoD

  
Principal



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

**LUCID VLSI**  
Learning Unlimited. Coding InDelible.

**Department of Electronics and Communication Engineering**  
**A Two-Week Value-Added Course on**  
**“Digital System Design Using Verilog”**  
**Report**

**Title of the course:** “Digital System Design Using Verilog”

**Duration:** 18-01-2021 to 30-01-2021

**Resource Persons:**

- Er. Raja Bandi, Founder and Director, Lucid VLSI, Hyderabad.  
Phone no.: 9949954576, Email: raja@lucidvlsi.com

**Objectives of the program:**

- To introduce various process in VLSI system design flow.
- To familiarize the concepts of Verilog HDL.

**Topics Covered:**

- Verilog basics
- Procedural blocks
- Combinational and Sequential Circuits
- Finite state machines/ASM
- Static Timing analysis
- Clock generation
- VLSI design process

**Outcomes of the program:**

- The students designed and implemented digital circuits using Verilog.
- The students performed synthesis and simulation process in VLSI design flow.
- The students demonstrated the software tools for Verilog Programming.

No. of students enrolled the course: 256

No. of students completed the course: 253



  
Co-ordinator

  
HoD



  
Principal



# GUDLAVALLERU ENGINEERING COLLEGE

SESHADRI RAO KNOWLEDGE VILLAGE::GUDLAVALLERU


DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 01-12-2020.

## CIRCULAR

The department of Electronics and Communication Engineering is organizing a two-week Value-Added Course on "**Python Programming**" from 06-12-2020 to 18-12-2020 for II B. Tech students of all the branches. Hence all UG students are informed to enroll and attend the course.

  
Co-ordinator

  
HoD

  
Principal

Copy to

HoD CE - 

HoD EEE - 

HoD ECE - 

HoD CSE -

HoD IT - 

HoD MBA - 

HoD ME - 

#### About The College:

The college is promoted by AANM & VVRSR Educational Society, Gudlavalluru and was established in 1998. The college offers B.Tech. programmes in six branches of Engineering viz, Civil, Electrical & Electronics, Mechanical, Electronics & Communication, Computer Science, Information Technology, with a total intake of 1080. 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. All the eligible branches of engineering are accredited by NBA and NAAC.

#### About The Department:

The Department of Electronics and Communication Engineering started functioning from the academic year 1998 for B.Tech Course. The department is also offering M.Tech course in Embedded Systems (from the academic year 2008-09). Faculty members are PhD/post graduates in their respective fields and are actively involved in research work and regularly publish their research in reputed journals and conferences. Faculty, as a team, aims to remain focused, promote innovative learning and a network of likeminded persons for success. The Department is recognized as Research centre by JNTUK 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.

#### Convenor:

Dr.Y.Ramakrishna, Professor and HOD, Department of ECE

#### Coordinator:

Sri B.Vamsi Krishna, Assistant Professor, Department of ECE  
Ph. No.: 8919135139

#### Eligibility:

All II B. Tech Students

#### Registration fee:

Rs. 250

  
**PRINCIPAL**  
**Gudlavalluru Engineering College**  
**Seshadri Rao Knowledge Village**  
**Gudlavalluru - 521 358, Krishna District. A.P.**

#### Resource Person's Profile:

- Ms. K.Veera Vanitha (Trainer cum Developer)  
APSSDC, Govt. of Andhra Pradesh.
- Ms. M.Ruthumma (Trainer cum Developer)  
APSSDC, Govt. of Andhra Pradesh.

#### About the Value-Added Course:

The VAC is formulated to enhance the knowledge and skill of the participants in python programming. The Python program is a scripting language that can be used for development, coding websites and applications, processing images, scientific data, and more.

#### Major Course Contents:

- Python Introduction
- Programming Constructs
- Functional Programming
- Python Packages and modules
- Pandas
- Data Frames and Data Visualization

#### Course Objectives:

- To provide basic knowledge of Python.
- To familiarize the development of Python programming for different applications.

#### Expected Course Outcomes:

Upon successful completion of the training, the students will be able to

- demonstrate Python Programming constructs.
- describe the concepts of Functional Programming.
- solve various problems using python.
- explore various Data Frames and Visualization.

#### A Two-Week Course on

#### "Python Programming"

06-12-2020 to 18-12-2020



Organized by  
Department of Electronics and Communication  
Engineering  
**Gudlavalluru Engineering College (Autonomous)**  
Seshadri Rao Knowledge Village  
Gudlavalluru – 521356  
Krishna District, Andhra Pradesh, India.  
Ph: 08674-273737  
[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



**Skill AP**  
APSSDC

## Department of Electronics and Communication Engineering A Two-Week Value-Added Course on "Python Programming"

06<sup>th</sup> to 18<sup>th</sup> December, 2020

### Course Schedule

S. No.	Date	Topics
1	06-12-2020	Python Introduction
2	07-12-2020	Literate Programming
3	08-12-2020	Jupyter Notebook Environment
4	09-12-2020	Python basics, Keywords, Operators
5	10-12-2020	Conditional Statements, Iterations
6	11-12-2020	Functions and Strings
7	13-12-2020	Python Data Structures
8	14-12-2020	Packages and Modules
9	15-12-2020	Functional and Object-Oriented Programming
10	16-12-2020	Pandas
11	17-12-2020	Data Frames and Visualization
12	18-12-2020	Application development using Python

  
Co-ordinator

  
HoD

  
Principal



# **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**

**A Two-Week Value Added Course on "Python Programming"**

**(06-12-2020 to 18-12-2020)**

### **List of students enrolled**

<b>S.No.</b>	<b>Roll No.</b>	<b>Name of the Student</b>
1	19481A0401	ADDALA ROHITA SAI
2	19481A0402	AHALYA DEVARAPALLI
3	19481A0403	AKURI UDAY RAVI SUHASH
4	19481A0406	AMINIGADDA NANDINI
5	19481A0407	ANDRAJU ROHITH
6	19481A0408	ANISETTI KRANTI RAMYA
7	19481A0409	ANNAPUREDDY KOTINAGI REDDY
8	19481A0410	ANNAVARAPU AKASH
9	19481A0411	ARE VINAY KUMAR
10	19481A0412	AYESHA SIDDIQUAH
11	19481A0413	BADE GAVYA
12	19481A0414	BADUGU SUBHAS
13	19481A0415	BAKKAMUNTHALA DIVYA
14	19481A0416	BANDARU MURALI KRISHNA
15	19481A0417	BANDREDDI NAGA MANI
16	19481A0418	BARRE MADHU
17	19481A0419	BATHINA PAVANI
18	19481A0420	BATTINA VEERA VENKATA VAMSI
19	19481A0421	BHAGYASRI KUNDETI
20	19481A0422	BHATLAPENUMARTI BHANU PRAKASH
21	19481A0423	BHAVANAM SREE POOJITHA
22	19481A0424	BHOGADI JO SRI GANESH
23	19481A0425	BIRUDUGADDA PRAVALIKA
24	19481A0426	BITRA RAMA KRISHNA PRASAD
25	19481A0427	BODDU JASWANTH SATYA VENKAT
26	19481A0428	BOGASAMUDRAM PRATAP REDDY
27	19481A0429	BOKKA VINAY KUMAR
28	19481A0430	BORRA PRIYANKA
29	19481A0431	BOYINA KANTHI KUMAR
30	19481A0432	BUNEBOINA PAVAN KALYAN
31	19481A0433	BURADA VENKATA ROHITH
32	19481A0435	CHAKKA SAI SREE SUSHMA
33	19481A0436	CHALASANI DEVESH CHOWDARY
34	19481A0438	CHALLAGUNDLA TEJASRI
35	19481A0439	CHAMARTHY KRISHNA SARAN
36	19481A0440	CHANUMOLU BHASKAR SAI KIRAN
37	19481A0441	CHAVAKULA KAVYA
38	19481A0442	CHAVALA GEYA SRI
39	19481A0443	CHEDE ANUSHA
40	19481A0444	CHEKKA JAIMINI SOWMYA
41	19481A0445	CHINDA PAVANI
42	19481A0446	CHINTA PURNA CHANDRIKA
43	19481A0447	CHINTALACHERUVU CHAITU
44	19481A0448	CHODA CHANDRIKA

S.No.	Roll No.	Name of the Student
45	19481A0449	DADISETTY YUVA KARTHIKESWAR
46	19481A0450	DANETI PURNACHANDRA RAO
47	19481A0451	DARNA VENKATESH
48	19481A0452	DASARI VENKATA PRATHYUSHA
49	19481A0453	DHARMARAJU CALEB
50	19481A0454	DUDEKULA SHABEENA BEGUM
51	19481A0455	DURBESULA MEERAVALI
52	19481A0456	EDE SWATHI
53	19481A0457	EMANI BHARGAVI
54	19481A0458	EMANI SAI SUPRIYA
55	19481A0459	GADIPUDI VENKATA SAI
56	19481A0460	GALI RAVI KIRAN
57	19481A0461	GALLA NAGA MANIKANTA
58	19481A0462	GALLA YASWANTH
59	19481A0463	GANJALA GNAN VENKATA SAI VARDHAN KUMAR
60	19481A0464	GANJI SIVA PRASAD
61	19481A0465	GANTA YUVA PHANI BALAJI
62	19481A0466	GARIKAPATI POOJITHA
63	19481A0467	GIRADA VINAY KUMAR
64	19481A0468	GOBATHINA MANI KOTAIAH
65	19481A0469	GUDAPATI MADHU BALA
66	19481A0470	GUDIVADA JANARDHAN
67	19481A0471	GUDIVADA NAGA SIRISHA
68	19481A0472	GUDURU D S N L JAYASRI
69	19481A0473	GULLAPUDI GARGEYA NAGA SRAVYA
70	19481A0474	GUMMADIDALA SWAMI
71	19481A0475	GUNTI GOPICHAND
72	19481A0476	GURRAM MOUNIKA
73	19481A0477	HANOK KONDETI
74	19481A0478	IMMADI VIDHYA
75	19481A0479	INAVOLU SWATHI
76	19481A0480	INUGURTHI BHAGIRADH AKANKSH
77	19481A0482	JAKKAMSETTI MURALI KRISHNA
78	19481A0483	JAMES JUDSON TANTEPUDI
79	19481A0484	JAMPANA VARSHINI
80	19481A0486	JONNALAGADDA PALLAVI
81	19481A0487	KADAKUDITI JAYANTH
82	19481A0488	KAKI KARTHIK
83	19481A0489	KALATHOTI KOMALI
84	19481A0490	KALAVALA KRISHNA REDDY
85	19481A0491	KALLAM GOWTHAMI PRIYA
86	19481A0493	KAMMELA MEGHANA
87	19481A0494	KAMMILI POOJA
88	19481A0495	KAMMILI UJWALA
89	19481A0496	KANCHARLA KAVYA
90	19481A0497	KATHIKA SRI LAKSHMI
91	19481A0498	KATURI HARSHA VARDHAN
92	19481A0499	KESANA SWETHA
93	19481A04A0	KETHAVARAPU MAHESH
94	19481A04A1	KODAMULA DEEPAKBABU

S.No.	Roll No.	Name of the Student
95	19481A04A2	KODATI ARUN KUMAR
96	19481A04A3	KODE RAJA RAJESWARA RAO
97	19481A04A4	KOLA SAI SURYA GANESH
98	19481A04A5	KOLLI MANI SRI
99	19481A04A7	K LAKSHMI SAI MANI LIKHITHA
100	19481A04A8	KOLLIPARA USHA SRI
101	19481A04A9	KOLLURI MADHURI
102	19481A04B0	KOLLURU SARADA
103	19481A04B1	KONATHAM LIKHITHA
104	19481A04B2	KONDADASULA DURGENDRA KUMAR
105	19481A04B4	K MAHANTH VENKATA SUMANTH
106	19481A04B5	KONETI CHAITANYA VIJAY
107	19481A04B6	KORRAPATI NITHISH
108	19481A04B7	KOTA ANNAPURNESWARA RAO
109	19481A04B8	K LEELA VENKATA SATYA SAI CHARAN
110	19481A04B9	KOTU LAKSHMI NARASIMHA VINAY
111	19481A04C0	KUMMARA MOWRNA MOWNIKA
112	19481A04C1	K VENKATA SAI SESA NARASIMHA RAO
113	19481A04C2	KUNDURI SRAVANI
114	19481A04C3	KUTIKUPPALA SAI KIRAN
115	19481A04C5	LANKISETTI NARASIMHA NAIDU
116	19481A04C6	LINGAVARAPU ANIL KUMAR
117	19481A04C7	LOYA UDAY SREE
118	19481A04C8	MADALA SESHAGIRI RAO
119	19481A04C9	MADANAPALLI DHANUSH
120	19481A04D0	MADDALA MALLIKA
121	19481A04D1	MADHAVA REDDY MARAM
122	19481A04D2	MADINENI SANDEEP
123	19481A04D3	MADIRI KRANTHI KUMAR
124	19481A04D4	MADUGULA VAMSI
125	19481A04D5	MAGANTI VENKATA MANOJ
126	19481A04D6	MALLAMPALLI MUKESH VAMSI
127	19481A04D7	MAMIDI NEELAVENI
128	19481A04D8	MANTHI GIRIDHAR
129	19481A04D9	MANTRI HIMA SAMEERA
130	19481A04E0	MANUKONDA SUDHEER KUMAR REDDY
131	19481A04E1	MAREEDU HEMA
132	19481A04E2	MARRI VENUGOPALARAO
133	19481A04E3	MATTA JHANSI LAKSHMI SRI
134	19481A04E4	MERUGA SRAVANI DEVI
135	19481A04E5	MIRIYALA SAILESH
136	19481A04E6	MIRIYALA VENKATA MANOJ KUMAR
137	19481A04E7	MODALA MAHESH
138	19481A04E8	MOHAMMAD AQEELAFURQANA
139	19481A04E9	MOHAMMAD JUBEDA
140	19481A04F0	MUDILI DIVYA NAGA SRI
141	19481A04F1	MUNJULURI SAI SASI PRIYA
142	19481A04F2	MUNNANGI MANASWINI
143	19481A04F3	MURALA KRISHNA BABU




S.No.	Roll No.	Name of the Student
144	19481A04F4	MURALA LEKHANA
145	19481A04F5	MURARI PAVAN KALYAN
146	19481A04F6	MURARI TULASI
147	19481A04F7	NADAKUDITI INDU
148	19481A04F8	NADELLA YOGITHA
149	19481A04F9	NAGA SAI SRINIVAS MATTA
150	19481A04G0	NAGABOYINA SITA SAI KUMAR
151	19481A04G1	NAKKA MEGHANA RANI
152	19481A04G2	NAMAMULA GOPI RAJESH
153	19481A04G4	NARUKULLA LOHITHA PRASANNA
154	19481A04G5	NEERAJA LAKSHMI BASWANI
155	19481A04G6	NEKKALA VENKATA DURGA KARTHIK
156	19481A04G7	NIRANJAN KARRE
157	19481A04G8	NIZAMPATNAM JANARDHANA RAO
158	19481A04G9	NUTHALAPATI VENKATESWARLU
159	19481A04H0	OLLA HARSHITHA KOMALI
160	19481A04H1	PABOLU SRINIVASA HEMANTH
161	19481A04H2	PADAMATA DIVYA
162	19481A04H3	PADAMATI SAI TEJA
163	19481A04H4	PADMAJA KAMPATI
164	19481A04H5	PAILA YOGA YAMINI
165	19481A04H6	PALLANTLA YASASWINI SRAVYA
166	19481A04H7	PALLEPOGU SHARON KIRAN
167	19481A04H8	PARASA UMA MAHESWARA RAO
168	19481A04H9	PASUMARTHI VAMSI KRISHNA
169	19481A04I0	PAVANI SUNDARA
170	19481A04I1	PEDAMUTHEVI KEERTHI
171	19481A04I2	PENNERU DHO PAVAN
172	19481A04I3	PENUMARTHI SRI SAI NACHIKETHA
173	19481A04I4	PENUMATCHA VIKAS
174	19481A04I5	P YASHO VARDHANA VARMA RAJU
175	19481A04I6	PETETI VASANTHI
176	19481A04I7	PILLI VENKATA RAMIREDDY
177	19481A04I8	PONGULETI MAHESH KIRAN
178	19481A04I9	PORANKI LAKSHMI SIVANI
179	19481A04J0	POTHAPRAGADA VENKATA VIDYULATHA
180	19481A04J1	POTHARAJU ROHIT SAI TEJA
181	19481A04J2	POTLA HANISHA
182	19481A04J3	PULI SAI VARDHAN
183	19481A04J4	PUPPALA NAVEEN KUMAR
184	19481A04J5	PUTTI VENKATA NAGA DEVI
185	19481A04J6	RAAVI BHANU VINAY NAGHA VIIHARE
186	19481A04J7	RACHABANTI ANUSHA
187	19481A04J8	RACHAPUDI SAI SRUTHI
188	19481A04K0	RAMYA SRI PENTA
189	19481A04K1	RAYAPUDI DINESH
190	19481A04K2	REDROUTHU PRANAY
191	19481A04K3	RELU SRAVANI
192	19481A04K4	R SRI PAVANA LAKSHMI SUVARNA

S.No.	Roll No.	Name of the Student
193	19481A04K5	REPALLE SARANYA
194	19481A04K6	SADHU SAI LAKSHMI PRASANNA
195	19481A04K7	SADINENI SAMYUKTHA
196	19481A04K8	SEERAM JAHNAVI
197	19481A04K9	SHAIK AHMED NAWAB
198	19481A04L0	SHAIK ESAFIROZ
199	19481A04L1	SHAIK MAHABOOB BASHA
200	19481A04L2	SHAIK NANNU NASAR AHAMAD
201	19481A04L3	SHAIK SALMA SULTHANA
202	19481A04L4	SHAIK SHAKEEL PASHA AHMED
203	19481A04L6	SHAIK SUHAIL AHMED
204	19481A04L7	SIDDABATTULA DEVI PRIYA
205	19481A04L8	SIRIPURAPU RAHUL
206	19481A04L9	SOBHILA VENKATA DIVYA SRI
207	19481A04M0	S JOGESH NAGA VENKATA SIVA RAM
208	19481A04M2	SUDHABATTULA HARIKA
209	19481A04M3	SYED ABDUL SHAHEED
210	19481A04M4	SYED IMRAN
211	19481A04M5	SYED MOHIDDIN
212	19481A04M6	TAMMANA TARAK RAM
213	19481A04M7	TANIKONDA EDUKONDALU
214	19481A04M9	TATA SAI MADHURI
215	19481A04N0	THAMMISETTI YASWANTH KUMAR
216	19481A04N1	THASLIMA
217	19481A04N2	THIRUMALARAJU TEJASWINI
218	19481A04N3	THOMMANDRU ROHIT CHAITANYA
219	19481A04N4	THOTA SAI KRISHNA
220	19481A04N5	TIRUMANI CHANDU
221	19481A04N6	TOLUSURI GOPINATH
222	19481A04N8	UPPUGANDLA UTTHEJ
223	19481A04N9	VAKA CHANIKYA
224	19481A04O0	VALLETI SAI SWAROOPA
225	19481A04O1	VAMSI KODAMALA
226	19481A04O2	VANKA SAI TEJA
227	19481A04O3	VANKAYALAPATI PAVAN SRIKAR
228	19481A04O4	VANUKURI HARIKA
229	19481A04O7	VEERABATHINA SATHVIK
230	19481A04O8	VEERLA NAGESWARA RAO
231	19481A04O9	VISSAMSETTI SAI VAMSI
232	19481A04P0	YADAGIRI USHA SRI
233	19481A04P2	YANNAM SIREESHA
234	19481A04P3	YARLAGADDA LAHARI PRASANNA
235	19481A04P4	Y POTH VEEA ROHITH VARDHAN
236	19481A04P5	YERRAMSETTI NAGA KARISHMA
237	19481A04P6	Y TARAKA VENKATA SUBRAHMANYAM
238	20485A0401	ABDUL SATTAR
239	20485A0402	AINAMPUDI DAKSHAYINI
240	20485A0403	CHIMATA NAGABALA BHAVANI
241	20485A0404	DARNASI VIVEK

S.No.	Roll No.	Name of the Student
242	20485A0405	GODAVARTHI VISHNU VARDHAN
243	20485A0406	KAMMARA BABY AMULYA
244	20485A0407	KARRI SAI PAVAN DURGA
245	20485A0408	KODAVALLA MONALIKA
246	20485A0409	KOSANAM NAGAVALLI
247	20485A0410	MADDALA AJAY
248	20485A0411	MATANGI HIRANMAYI
249	20485A0412	MODUGUMUDI SIVAIAH
250	20485A0413	MOHAMMAD NAZMA SULTANA
251	20485A0414	NAZIYA PARVEEN
252	20485A0415	PADAMATA HEMADEVI
253	20485A0416	PINJALA VENKATA KALYANI
254	20485A0417	PULLETTI SAI AASHRITHA
255	20485A0418	PYDI DHANUNJAY
256	20485A0419	SHAIK KHALEEL AHMAD
257	20485A0420	TUNDURTHI SAI RAKESH
258	20485A0421	UDDANTI KAVYA SRI
259	20485A0422	UMMADI BHAVANI
260	20485A0423	VEMULA SRI LALITHA
261	20485A0424	UPPALAPATI SUMANTH
262	20485A0425	PAGOLU TIRUMALA

  
Co-ordinator

  
HoD

  
Principal





# **GUDLAVALLERU ENGINEERING COLLEGE**

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

## **Department of Electronics and Communication Engineering** **A Two-Week Value-Added Course on “Python Programming”** **06<sup>th</sup> to 18<sup>th</sup> December, 2020**

### **Report**

**Title of the course:** “Python Programming”

**Duration:** 06-12-2020 to 18-12-2020

#### **Resource Persons:**

- Ms. K.Veera Vanitha (Trainer cum Developer), APSSDC, Govt. of Andhra Pradesh  
Ph. No.: 7710292453
- Ms. M.Ruthumma (Trainer cum Developer), APSSDC, Govt. of Andhra Pradesh  
Ph. No.: 9848217897

#### **Course Objectives:**

- To provide basic knowledge of Python.
- To familiarize the development of Python programming for different applications.

#### **Topics Covered:**

- Python Introduction
- Programming Constructs
- Functional Programming
- Python Packages and modules
- Pandas
- Data Frames and Data Visualization

#### **Course Outcomes:**

- The students demonstrated the basic constructs of python.
- The students applied Python Programming for different Applications
- The students explored various Data Frames and Visualization.

No. of students enrolled the course: 262

No. of students completed the course: 260



  
Co-ordinator

  
HoD

  
Principal



## GUDLAVALLERU ENGINEERING COLLEGE

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

Seshadri Rao Knowledge Village, Gudlavalleru- 521356

\*\*\*\*\*

### DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

#### CIRCULAR

Date: 22-04-2021

The department of Computer Science Engineering is organizing a two-week Value-Added Course on **"Data Analysis Using Python"** from 26-04-2021 to 08-05-2021 for UG students of all the branches. Hence all the III B. Tech students are informed to enroll the Course on or before 24-04-2021.

  
HOD, CSE

Head of the Department  
Computer Science and Engineering  
Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLERU - 521 356  
Copy to

  
Principal  
**PRINCIPAL**

Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
Gudlavalleru - 521 356, Krishna District. A.P.

   
CE/EEE/ME/ECE/CSE/IT

MBA

  
AT HOD







### **Two week Value Added Course**

on

**“Data Analysis Using Python”**

26<sup>th</sup> April - 08<sup>th</sup> May 2021



**Organized  
by  
Department of CSE**

GUDLAVALLERU ENGINEERING COLLEGE  
(An Autonomous Institute Affiliated to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village Gudlavalleru-521 356,  
Krishna Dist. A.P. (Approved by AICTE, New Delhi,  
Accredited by NBA)

#### College Officials

**Dr. Nageswara Rao Vallurupalli**  
Chairman

**Er. Satyanarayana Rao Vallurupalli**  
Secretary & Correspondent

**Sri. Ramakrishana Vallurupalli**  
Co-Secretary & Correspondent

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

#### ADVISORY COMMITTEE

**Dr. M. R. Ch. Sastry**  
Vice-Principal & Professor, ME.

**Dr. P. Kodanda Rama Rao**  
Vice-Principal & Professor, CE

**Dr. S. Narayana**  
Professor, CSE & Mentor AS&A.

#### CHAIRMAN:

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

#### COORDINATOR'S:

**Mrs. T. Priyanka, Asst. Professor of CSE**

#### MEMBERS:

All II B.Tech Students

#### ABOUT SRGEC

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. 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) 45Km. 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. The U.G Engineering programmes, EEE, ME, ECE, CE, CSE & IT have been accorded Accreditation status by NBA of AICTE.

#### ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering is one of the pioneer departments of GEC with an intake of 240. The students of this department are being selected through campus recruitment in reputed IT companies. Besides the teaching learning process, CSE department regularly conducts workshops, guest lectures, group discussions and refresher courses to enhance the skills of students and teaching community. It is 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 department.

#### Resource Person

##### • S.S. NIHARIKAA, Multi Skill Trainer

I have been working as a trainer from the past 5 years in Andhra Pradesh State Skill Development Corporation as a multi skill trainer and having sound knowledge on PHP, C, Data Structures, Raptor, Python, MIT App Inventor, Git & GitHub and organized bootcamp for faculty in MITS College - Madanapalle on Data Structures & Algorithms.

Email-id:sshrika@gmail.com

Mobileno:8985485377

##### • G. NAGA MOUNIKA, Trainer cum Developer

I have been working as a trainer from the past 5 years in Andhra Pradesh State Skill Development Corporation as a multi skill trainer and having sound knowledge on

- PHP
- C
- Data Structures
- Raptor
- Python
- MIT App Inventor

Email-id: gnmounika@gmail.com

Mobileno:8985485377

#### Objectives of the Program

The main goal of this course is to help Students or Faculty to learn, understand and practice data analysis and machine learning approaches, which include the study of modern computing data technologies and scaling up machine learning techniques focusing on industry applications.

#### Course Contents

- Introduction to Data Analysis
- Data Manipulation with NumPy
- Data Analysis with Pandas
- Data Cleaning with Pandas & Data Preprocessing with Scikit Learn.
- Introduction to Data Visualization with Matplotlib.
- Data visualization with Seaborn

**Platform:** Microsoft Teams

**Eligibility:** All III B.Tech Students  
**Registration is free**

#### ABOUT THE COURSE

Data Science and Analysis is playing the most significant role today covering every industry in the market. For e.g., finance, e-commerce, business, education, government. Now organizations play a 360- degree role to analyze the behavior and interest of their customers to make decisions in favor of them. Data is analyzed through a programming language such as python which is one of the most versatile languages and helps in doing a lot of things through it. Netflix is a pure data science project that reached the top by analyzing every single interest of their customers. Python is a dynamic, interpreted (bytecode-compiled) language. There are no type declarations of variables, parameters, functions, or methods in source code. This makes the code short and flexible, and you lose the compile-time type checking of the source code.

It is high-level, interpreted, interactive and object-oriented scripting language. Python is designed to be highly readable. It uses English keywords frequently where as other languages use punctuation, and it has fewer syntactical constructions than other languages.

#### Expected Outcomes of the course

- Students will be able to know the latest technologies in various software tools and other upcoming technologies.
- Students will be able to design a data analysis with Pandas during the course.
- Students will be able to learn the algorithms related to Data manipulation, Visualization.





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

**Department of Computer Science & Engineering**



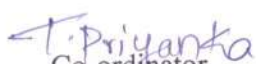
**Program Schedule for Value Added Course titled “Data Analysis using Python”**

**26<sup>th</sup> April to 08<sup>th</sup> may 2021**

S. No.	Date	Topics Covered
1	26-04-2021	Introduction to Data Analysis <ul style="list-style-type: none"><li>• Introduction to Data</li><li>• Types of Data in Statistics (Numerical &amp; Categorical)</li><li>• Overview of Python Concepts</li></ul>
2	27-04-2021	Data Manipulation with NumPy <ul style="list-style-type: none"><li>• Introduction</li><li>• NumPy Arrays</li><li>• NumPy Basics</li><li>• Math</li><li>• Indexing</li></ul>
3	28-04-2021	Data Manipulation with NumPy <ul style="list-style-type: none"><li>• Random</li><li>• Filtering</li><li>• Statistics</li><li>• Aggregation</li><li>• Saving Data</li></ul>
4	29-04-2021	Data Analysis with Pandas <ul style="list-style-type: none"><li>• Introduction to Data Analysis using Pandas</li><li>• Pandas Series</li><li>• Pandas Data Frame</li><li>• Combining</li><li>• Indexing</li><li>• File I/O</li><li>• Grouping</li></ul>
5	30-04-2021	Data Analysis with Pandas <ul style="list-style-type: none"><li>• Features</li><li>• Filtering</li><li>• Sorting</li><li>• Statistical</li><li>• Plotting</li></ul>
6	03-05-2021	Data Cleaning with Pandas & data Preprocessing with Scikit Learn <ul style="list-style-type: none"><li>• Introduction</li><li>• Standardizing Data</li><li>• Data Range</li><li>• Robust Scaling</li><li>• Normalizing data</li><li>• Label and One Hot Encoding</li><li>• Polynomial Features</li></ul>
7	04-05-2021	Data Cleaning with Pandas & data Preprocessing with Scikit Learn <ul style="list-style-type: none"><li>• Working with Duplicates and Missing Values</li><li>• Which values should be replaced with missing values based on data</li></ul>



		<ul style="list-style-type: none"> <li>Identifying and Eliminating Outliers</li> <li>Dropping Duplicate Data</li> <li>Filling missing data using Data Imputation</li> </ul>
8	05-05-2021	Introduction to Data Visualization with Matplotlib <ul style="list-style-type: none"> <li>Introduction to visualization and Python packages</li> <li>Matplotlib history</li> <li>Introduction to plotting</li> <li>Line Plot</li> <li>Scatter Plot</li> </ul>
9	06-05-2021	Data Visualization with Matplotlib <ul style="list-style-type: none"> <li>Bar Graph</li> <li>Histogram</li> <li>Pie Chart</li> <li>Box Plot</li> <li>Tasks</li> </ul>
10	07-05-2021	<ul style="list-style-type: none"> <li>Data Visualization with Seaborn</li> <li>Using Seaborn Styles</li> <li>Setting the default Style</li> <li>Color palettes</li> </ul> Creating Custom palettes Stripplot() and swarmplot()
11	08-05-2021	<ul style="list-style-type: none"> <li>Data Visualization with Seaborn</li> <li>Box plots, violin plots, barplots, point plots and counterplots</li> <li>Regression plots</li> <li>Binning Plots</li> <li>Creating heatmaps</li> <li>Applying on raw dataset and introduction to Kaggle and other data sources</li> </ul>

  
Co-ordinator

  
HoD, CSE

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

## **GUDLAVALLERU ENGINEERING COLLEGE**

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Seshadri Rao Knowledge Village :: Gudlavalleru

### **Department of Computer Science and Engineering**

#### **Two Week Value Added Course on Data Analysis Using Python**

##### **Registered Students List**

<b>S.No</b>	<b>Roll Number</b>	<b>Name of The Student</b>	<b>Email-Id</b>
1	19481A0501	ADAPA SREEHARSHITHA	adapasreeharshitha625@gmail.com
2	19481A0502	KAGITHA AKHILANDESHWARI	ksgithaakhila@gmail.com
3	19481A0507	ANNAVARAPU PRAVEEN KUMAR	annavarapupraveen28@gmail.com
4	19481A0508	APPALA YOCHANA	yochana1234@gmail.com
5	19481A0509	AYYALURI ASHOK KUMAR REDDY	kumarreddya734@gmail.com
6	19481A0510	BACHULA SUBRAHMANYAM	subrahmanyambachula2001@gmail.com
7	19481A0511	BADVEL MOHAMMED SAMEER	1badwelsameer@gmail.com
8	19481A0513	BANDELA SATYA RAHUL	bandelarahul2002@gmail.com
9	19481A0514	BANDI RAJESH	dinkuuknid123@gmail.com
10	19481A0515	BANDI VARUN KUMAR	varunsupreme68@gmail.com
11	19481A0517	BANTU PAVAN SUNDAR	pavansundar8340@gmail.com
12	19481A0518	BATHINI NANDINI	nandinichowdary08@gmail.com
13	19481A0519	BATTU SUSHMIK	sushmikb@gmail.com
14	19481A0520	BALA SAI BATTULA	balasaibattula@gmail.com
15	19481A0521	BATTULA SURYA TEJA	tejadivyaseven@gmail.com
16	19481A0523	BHEEMAVARAPU J V N S S HANUMA	jayanth11022002@gmail.com
17	19481A0525	BHUPATHI SNEHA	bhupathisneha2002@gmail.com
18	19481A0527	BOLLARAPU GRACY CHRYSOLITE	gracychrysolite.b77@gmail.com
19	19481A0528	BOMMAREDDY PUSHYAMI	pushyamibommareddy@gmail.com
20	19481A0529	BONTHU ANUSHA	twinkleanu121@gmail.com
21	19481A0530	BOPPA CHARISHMA	boppacharishma@gmail.com
22	19481A0532	BOPPINEEDI V V N S BHUVANA SRI	bhuvanasri305@gmail.com
23	19481A0534	CHADALAVADA SAJAN	sajanchowdary123@gmail.com
24	19481A0535	CHEELI ARCHANA	cheeliarchana1805@gmail.com
25	19481A0537	CHENNAMSETTY ABHILASH BABU	abhilashch321@gmail.com
26	19481A0538	CHENNUPATI CHAITANYA SAI	yourschcs@gmail.com

S.No	Roll Number	Name of The Student	Emil-Id
27	19481A0539	CHENNURI SRAVANTHI	chennurisravanthi6@gmail.com
28	19481A0540	CH JYOTHIKA	chjyothika123@gmail.com
29	19481A0541	CHIMATA ANURADHA	anuradhachimata02@gmail.com
30	19481A0543	CHINNAPAREDDY SUREKHA	chsurekha91@gmail.com
31	19481A0547	DAMA AJAY YESWANTH	damaajay222@gmail.com
32	19481A0549	DASARI ADITYA SHANMUKH	dasariinap@gmail.com
33	19481A0550	DESINA KARTHIK	karthik.desina@gmail.com
34	19481A0551	DESU VASAVI SRI PRIYA	muralidesu123@gmail.com
35	19481A0552	DEVARAKONDA DINESH SAI SRI RAM	dineshdevarakonda929@gmail.com
36	19481A0554	DHANALA SWAROOPA RANI	dhanalaswaruparani0677@gmail.com
37	19481A0556	EDE SUPRIYA	supriyaede@gmail.com
38	19481A0557	GALANKI NIKHILA	galankinikhila@gmail.com
39	19481A0560	GARIKIPATI NIKHILA SAI	nikhilagarikipati@gmail.com
40	19481A0561	GARLAPATI YUMESH GUPTA	gyumeshgupta@gmail.com
41	19481A0562	GARRE NAVEEN KUMAR	naveengarre9999@gmail.com
42	19481A0564	GOLLA CHANDRIKA VENKATA SAI SRI	chandrikagolla2001@gmail.com
43	19481A0565	Naga Sai Tejeswara Reddy Goluguri	tejeswarareddy2001@gmail.com
44	19481A0566	sreeja gopisetty	sreejagopisetty2000@gmail.com
45	19481A0567	madhav goriparthi	madhavsimple7@gmail.com
46	19481A0568	sri jyothi goriparthi	sriyothiraogoriparthi@gmail.com
47	19481A0569	anusha gorla	anushagorla09@gmail.com
48	19481A0570	manikanta gorre	manikantaprince1234@gmail.com
49	19481A0571	prasanth grandhe	grandheprasanth@gmail.com
50	19481A0572	pujitha gudavalli	gudavallipujitha55@gmail.com
51	19481A0573	sravan chandra	naidu8102@gmail.com
52	19481A0575	lavanya gujjula	sonyhoney2520@gmail.com
53	19481A0576	nishitha gujjula	nishithaswee@gmail.com
54	19481A0577	Neha Gunduboyina	gnehasona@gmail.com
55	19481A0578	alekhya guntamukkala	devialekhya7842@gmail.com
56	19481A0579	rakesh babu	rakeshguttapalli2002@gmail.com
57	19481A0580	revanth kumar	revanthkumarinapanuri3947@gmail.com
58	19481A0583	sri hari jaddu	srihari12310@gmail.com
59	19481A0584	vinod jampani	vinodchowdary916@gmail.com
60	19481A0585	haripriya jannu	jannuharipriya95@gmail.com
61	19481A0586	Aakanksha Jarugu	honeyaakanksha1132@gmail.com
62	19481A0587	chathurvedi jarugu	chathurvedijarugu9219@gmail.com



S.No	Roll Number	Name of The Student	Email-Id
63	19481A0588	madhavi latha	madhavalatha7@gmail.com
64	19481A0591	jaya sri	gopalaraoujuvarapu197@gmail.com
65	19481A0592	sukanya junapudi	sukanyajunapudi2002@gmail.com
66	19481A0594	praveen kadi	praveenkadi2001@gmail.com
67	19481A0595	vinay kagitha	kagithavinay01@gmail.com
68	19481A0596	harika kaitepalla	harikak282000@gmail.com
69	19481A0597	Rahulkakumanu	rahul76143@gmail.com
70	19481A0599	Jyotsna Nagasree Kancharla	kancharlajyotsna07@gmail.com
71	19481A05A1	durga prasanth	dpkandipalli@gmail.com
72	19481A05A2	goutham kumar reddy	gouthamreddy1109@gmail.com
73	19481A05A3	jagadeesh	jagadeeshkrishna1729@gmail.com
74	19481A05A5	Bhavyasri Kanugo	kanugobhavyasri@gmail.com
75	19481A05A6	sai teja kanumuri	koteswararaokanumuri123@gmail.com
76	19481A05A7	bhanu karri	bhanukarri611@gmail.com
77	19481A05A8	manogna kasukurthi	manognakasukurthi9399@gmail.com
78	19481A05A9	chandrika kakatam	chandrikachandu227@gmail.com
79	19481A05B0	padma priya	kattapadmapriya119@gmail.com
80	19481A05B1	venkaiah katuri	venkaiahkaturi666@gmail.com
81	19481A05B5	sirisha kodali	sirishakodali2001@gmail.com
82	19481A05B6	vijaya lakshmi	koierivijayalakshmi562@gmail.com
83	19481A05B7	srinivasa rao	srinivasar491@gmail.com
84	19481A05B9	naga jyothi kokkirapati	kokkirapatinagajyothi2002@gmail.com
85	19481A05C0	eswar datta	eswardatta91@gmail.com
86	19481A05C1	mahesh babu	maheshkollu987@gmail.com
87	19481A05C2	ram chandu	ram.kolukula55@gmail.com
88	19481A05C3	yogitha kondisetty	yogitha.kondisetty6202@gmail.com
89	19481A05C5	lasya kotapati	lasyareddy0812@gmail.com
90	19481A05C6	krishna vamsi	krishnavamsikotha28@gmail.com
91	19481A05C8	Kuna Praneetha	praneethakuna123@gmail.com
92	19481A05C9	rahul kuppala	rahulsanju7207@gmail.com
93	19481A05D0	Samuel Chaitanya	venkatkurapati05@gmail.com
94	19481A05D1	Haritha Lakanam	venkataharithalakanam@gmail.com
95	19481A05D2	sowmya lukka	sowmyalukka2001@gmail.com
96	19481A05D4	gowtham maguluri	gowthammaguluri040@gmail.com
97	19481A05D6	Vyshnavi Mallapragada	srinivasmallapragada@gmail.com
98	19481A05D7	umamaheswara rao mamillapalli	umamahesh1022mamillapalli@gmail.com

S.No	Roll Number	Name of The Student	Emil-Id
99	19481A05D8	manchana sai kartheek	manchana.saikartheek@gmail.com
100	19481A05D9	Mandava Tarun	tarunnani03@gmail.com
101	19481A05E0	Hanuman Manepalli	hanumanmanepalli123@gmail.com
102	19481A05E3	durga satish maredu	durgasatishmaredu88@gmail.com
103	19481A05E4	Leela Rani Marella	marellaleelarani371@gmail.com
104	19481A05E5	Hemanth Eswar Margani	hemantheswar1111@gmail.com
105	19481A05E6	deksha sindhu	dekshasindhu@gmail.com
106	19481A05E7	siva naga sai maruboina	bannu5310@gmail.com
107	19481A05E8	mohammed kaif	mohammed.kaif0209@gmail.com
108	19481A05F1	Medidi yamini sri	yaminisri06@gmail.com
109	19481A05F2	kiran kumar meka	kk574997@gmail.com
110	19481A05F3	NAGENDRA BABU MELIKA	nagendrababumelika@gmail.com
111	19481A05F4	dheeraj merugu	merugudheeraj123@gmail.com
112	19481A05F6	pardha saradhi mogili	pardhasaradhi178053417308@gmail.com
113	19481A05F7	mohammad asifraza	mdasifraza820@gmail.com
114	19481A05F8	mohammad athikafarhin	athikafarhin2@gmail.com
115	19481A05G0	likhita moparthy	moparthiarjun@gmail.com
116	19481A05G1	ajay moru	ajaymoru1705@gmail.com
117	19481A05G2	pravallika muktineni	pravallika.muktineni@gmail.com
118	19481A05G4	karthik munnangi	kumarkarthik19189@gmail.com
119	19481A05G5	mahendra murari	mahigoud856@gmail.com
120	19481A05G6	bhavagjna mutnuri	bhavagjnamutnuri@gmail.com
121	19481A05G9	siddhardha	nagudusiddhardha24@gmail.com
122	19481A05H0	saikeerthi nallamothu	saikeerthinallamothu@gmail.com
123	19481A05H1	madhavi naragam	naragammadhavi001@gmail.com
124	19481A05H2	Eswar datta, Narsipalli	eswardattanarsipalli2@gmail.com
125	19481A05H3	vimala neelapala	vimalaneelapala@gmail.com
126	19481A05H4	kavya n	kavya987.n@gmail.com
127	19481A05H5	Manaswini	manaswinipadavala@gmail.com
128	19481A05H6	murali manohar padilam	muralimanohar2688@gmail.com
129	19481A05H7	poojitha pakala	pakala.sudhakararao@gmail.com
130	19481A05H8	vinay	viceroyvinay@gmail.com
131	19481A05H9	Purnananda Sarma P	rebelnanda112@gmail.com
132	19481A05I0	haritha pamarthi	harithapamarthi180@gmail.com
133	19481A05I3	swetha parasa	ammuchaitu111@gmail.com
134	19481A05I5	Divya sai parchuri	parchurisai111@gmail.com

S.No	Roll Number	Name of The Student	Email-Id
135	19481A05I6	chandrika pari	parichandrika03@gmail.com
136	19481A05I7	sai jayanth paruchuri	paruchurijayanth432@gmail.com
137	19481A05I8	seetha ram pradeep	seetharampradeep@gmail.com
138	19481A05I9	sireesha peeka	sireeshapeeka@gmail.com
139	19481A05J2	siva krishna perugu	pskrishna2002@gmail.com
140	19481A05J3	Venubabu Pingali	venu.pingali500@gmail.com
141	19481A05J4	Sravanthi Pitchuka	sravanthipitchuka19@gmail.com
142	19481A05J5	Vivek Pitta	vivekpitta1010@gmail.com
143	19481A05J6	Abhiram Polagani	abhiram2017ssc@gmail.com
144	19481A05J7	Prasanthi Polagani	prasanthipolagani2002@gmail.com
145	19481A05J8	LAKSHMI NARAYANA POLAMREDDY	lakshmi1410553@gmail.com
146	19481A05J9	GaganaSaiLakshmi Posina	saigagana50@gmail.com
147	19481A05K1	PraveenKumarReddy Pilli	praveenprem369@gmail.com
148	19481A05K2	Charithasri Punna	cherrypunna14@gmail.com
149	19481A05K3	Rahamtunnisa Samrin	rahamtunnisasamrin@gmail.com
150	19481A05K4	NagaVenii Rajaboina	nagavenir1945@gmail.com
151	19481A05K5	Manikanta Rajulapati	lovelysunny206@gmail.com
152	19481A05K6	BhagyaSri Ramineni	raminenibhagyasri02@gmail.com
153	19481A05K7	PrasanthSai Ravella	saip2066@gmail.com
154	19481A05K8	VeeraVenkata SatyaPrasad Reddy	prasadpp2150@gmail.com
155	19481A05K9	Maha Lakshmi.Bhogadi	mahalakshimbhogadi@gmail.com
156	19481A05L0	Kethan	kethansalimatti11@gmail.com
157	19481A05L1	VeerendraVarma Sana	varmasana2001@gmail.com
158	19481A05L2	Murthy Sangani	murthysangani386@gmail.com
159	19481A05L3	CSNSJHNarayanaBabu Sanka	narayanababu.s086@gmail.com
160	19481A05L4	Sumathi Sathivada	sathivadasumathi1016@gmail.com
161	19481A05L5	Suryateja Seelam	s.surya212001@gmail.com
162	19481A05L6	Prathyusha Segu	seguprathyu123@gmail.com
163	19481A05L7	DavoodAli Shaik	skdavoodali@gmail.com
164	19481A05L8	Farheen Shaik	farheenshaik567@gmail.com
165	19481A05L9	Jafeeza	shaikjafeeza786@gmail.com
166	19481A05M0	Muskaan Shaik	shaikmusk4@gmail.com
167	19481A05M1	NaheedaParveen Shaik	naheedaarveen24@gmail.com
168	19481A05M2	AshritaParvin Shaikh	ashritaparvin02@gmail.com
169	19481A05M3	S. RACHANA REDDY	rachanareddy.sirivarapu@gmail.com
170	19481A05M4	SivaGnani Meruga	merugagnani@gmail.com



S.No	Roll Number	Name of The Student	Emil-Id
171	19481A05M5	SnehaDeepthi Jamalla	snehadeepthi2016@gmail.com
172	19481A05M6	Sri Ramani Yajamanam Kidambi	yajamanamsriramani@gmail.com
173	19481A05M7	Srinivasulu Anneboina	srinivasuluanneboina123@gmail.com
174	19481A05M8	LakshmiParvathi Sunnam	parvathi.sunnam@gmail.com
175	19481A05M9	S.B.Mukesh	9912966999om@gmail.com
176	19481A05N0	ManuVinesh Tadvivaka	tadvivakamanuvinesh384@gmail.com
177	19481A05N1	Prasanth Talluri	prasanthtalluri98@gmail.com
178	19481A05N2	Satya Prakash Teki	tvpr514@gmail.com
179	19481A05N3	Thabassum	thabassumbaig7722@gmail.com
180	19481A05N4	SASIDHAR THAMMANA	sasidhar5901@gmail.com
181	19481A05N5	SantoshKumar Thammineni	bublysantosh123@gmail.com
182	19481A05N6	Srujana Thera	therasrujana@gmail.com
183	19481A05N7	Nikhitha Tirumalasetti	tirumalasettinikhitha@gmail.com
184	19481A05N8	SivaNagaRaju Tirumalasetti	tsnraju2002@gmail.com
185	19481A05N9	Naveen Tiruveedula	naveentiruveedula60@gmail.com
186	19481A05O0	RajaRajeswari Ulisi	rajiulisi26@gmail.com
187	19481A05O1	Manisha Vadlamudi	vadlamudi.manisha676@gmail.com
188	19481A05O2	Sindhu Vadlamudi	vadlamudisindhu9@gmail.com
189	19481A05O3	VenkataTeja Vadlamudi	vadlamudivenkatteja@gmail.com
190	19481A05O4	VinayAkash Vadrevu	vinayakashakash@gmail.com
191	19481A05O6	Manoj Vatturi	manojvatturi10@gmail.com
192	19481A05O7	Vishal Veerabathini	vishalveerabathini0109@gmail.com
193	19481A05O8	Deepika Veeramachaneni	janadeepika2002@gmail.com
194	19481A05O9	Tejasri Veeramachaneni	tejaveeramachaneni15@gmail.com
195	19481a05p0	Sri Hari Veerapaneni	srihariveerapaneni@gmail.com
196	19481A05P2	Jaswanth Vucha	jaswanthhanu@gmail.com
197	19481A05P3	Nikhila Yalavarthi	nikhila.yalavarthi29@gmail.com
198	19481A05p4	Yandrathi Triveni	triveni.y96@gmail.com
199	19481A05P5	RajyaLakshmi Yarlagadda	rajiyarlagadda2002@gmail.com
200	19481A05P6	Veda Pranathi	vedapranathi777@gmail.com

T. Prityanka  
Co-ordinator

H.K.  
HoD, CSE

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



**Department of Computer Science and Engineering**

**Summary Report on Value Added Course titled “Data Analysis using Python”**  
**26-04-2021 to 08-05-2021**

**Title of the course:** “Data Analysis using Python”

**Duration:** 26-04-2021 to 08-05-2021

**Resource Persons:**

- A. S. S. Niharikaa  
Multi Skill Trainer  
Mobilen:8985485377
- G. Naga Mounika Trainer cum Developer  
Mobile no: 8985485377

**Objectives of the program:**

- The main goal of this course is to help Students or Faculty to learn, understand and practice dataanalysis and machine learning approaches.
- Which include the study of modern computing data technologies and scaling up machinelearning techniques focusing on industry applications.

**Topics Covered:**

- Introduction to Data Analysis
- Data Manipulation with NumPy
- Data Analysis with Pandas
- Data Cleaning with Pandas & Data Preprocessing with Scikit Learn.
- IntroductiontoDataVisualizationwithMatplotlib
- • Data visualization with Seaborn

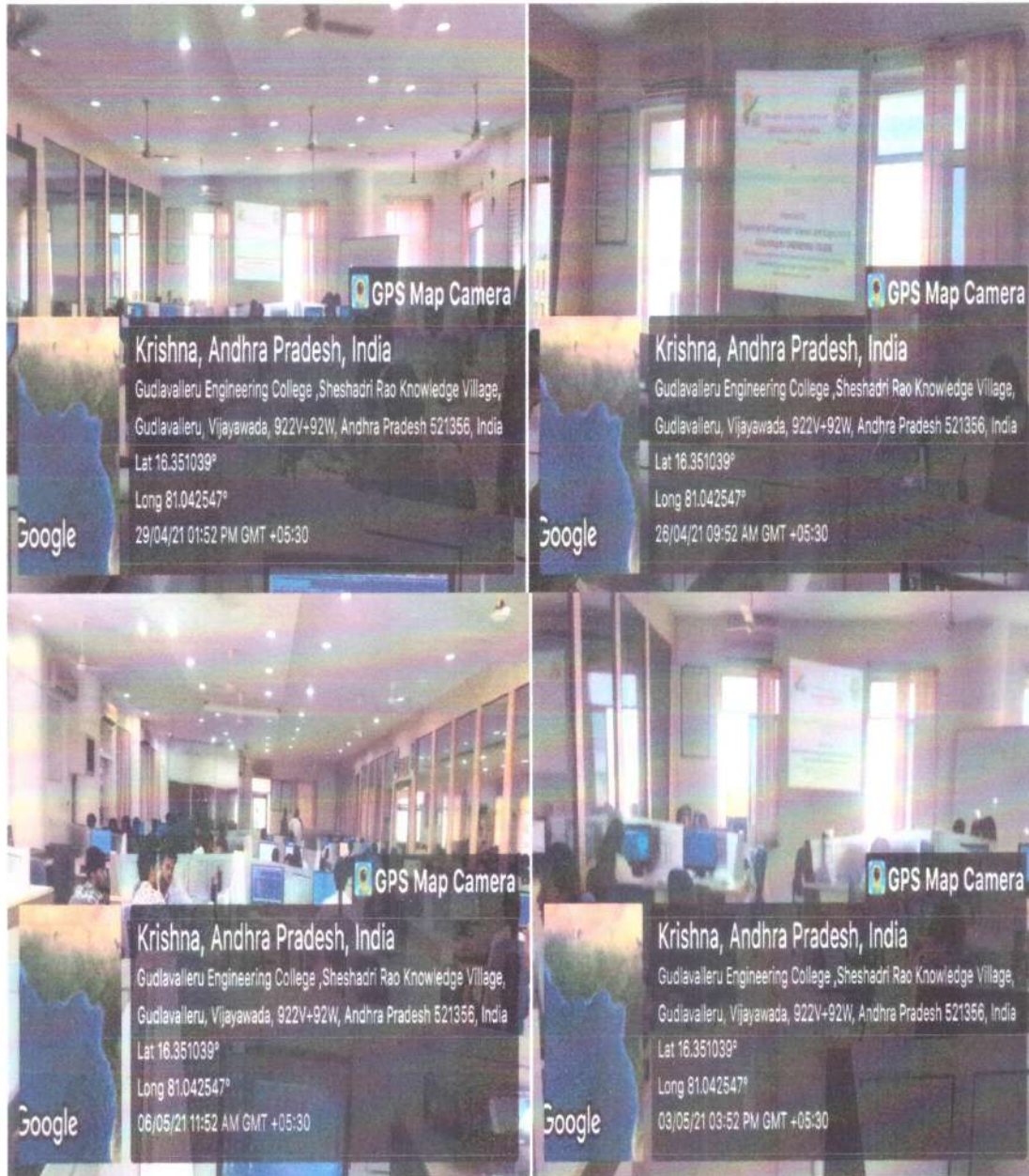
**Outcomes of the program:**

- Students will be able to know the latest technologies in various software tools and other upcoming technologies.
- Students will be able to design a data analysis with Pandas during the course.
- Students will be able to learn the algorithms related to Data manipulation, Visualization

**No.of students enrolled the course: 200**

**No.of students completed the course: 198**





*Prisyan ka*  
Faculty Co-ordinator

*HSD*  
H6d, CSE

*[Signature]*  
**Principal**  
**PRINCIPAL**  
Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
Gudlavalleru - 521 356, Krishna District. A.P.





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

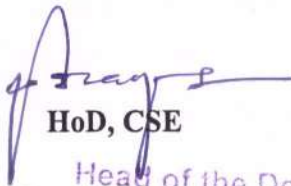
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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**CIRCULAR**

Date: 13-08-2020

The department of Computer Science Engineering is organizing a two-week Value-Added Course on “**Android Development Using Data Structures**” from 17-08-2020 to 29-08-2020 for UG students of all the branches. Hence all the III B. Tech students are informed to enroll the course on or before 15-08-2020.

  
**HoD, CSE**

Head of the Department  
Computer Science and Engineering  
Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLERU - 521 356

Copy to

CE/EEE/ME/ECE/CSE/IT/

MBA

  
**Principal**  
**PRINCIPAL**

**Gudlavalleru Engineering College**  
**GUDLAVALLERU - 521 356**



### **Two week Value Added Course**

on

#### **“Android Development Using Data Structure”**

17<sup>th</sup> – 29<sup>th</sup> Aug 2020



**Organized  
by  
Department of CSE**

GUDLAVALLERU ENGINEERING COLLEGE  
(An Autonomous Institute Affiliated to JNTUK, Kakinada)

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

#### **College Officials**

**Dr. Nageswara Rao Vallurupalli**  
Chairman

**Er. Satyanarayana Rao Vallurupalli**  
Secretary & Correspondent

**Sri. Ramakrishana Vallurupalli**  
Co-Secretary & Correspondent

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

#### **ADVISORY COMMITTEE**

**Dr. M. R. Ch. Sastry**  
Vice-Principal & Professor, ME.

**Dr. P. Kodanda Rama Rao**  
Vice-Principal & Professor, CE

**Dr. S. Narayana**  
Professor, CSE & Mentor AS&A.

#### **CHAIRMAN:**

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

#### **COORDINATOR'S:**

**Mrs. K. Srilakshmi, Asst. Professor of CSE**

#### **MEMBERS:**

All III B.Tech Students

#### **ABOUT SRGEC**

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. 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) 45Km. 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. The U.G Engineering programmes, EEE, ME, ECE, CE, CSE & IT have been accorded Accreditation status by NBA of AICTE.

#### **ABOUT THE DEPARTMENT**

The Department of Computer Science and Engineering is one of the pioneer departments of GEC with an intake of 240. The students of this department are being selected through campus recruitment in reputed IT companies. Besides the teaching learning process, CSE department regularly conducts workshops, guest lectures, group discussions and refresher courses to enhance the skills of students and teaching community. It is 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 department.

#### Resource Person

**Dr. B. Srinivasa Rao, Professor & HoD, IT, LBRCE**

working as a Professor in the Department of Information Technology at LBRCE, Mylavaram, NTR Dist, Andhra Pradesh, India. Research interested areas are Data Science and Internet of Things

#### Research Areas

- Atomic and Molecular Physics.
- Bio-Molecules. I.e algebraic methods to molecules.
- Nano Technology.
- MEMS (Micro-Electro-Mechanical Systems).

#### Membership of the learned Bodies:

- Indian Liquid Crystal Society (ILCS).
- Indian Science Congress Association (ISCA).
- Journal of Environmental Research and Development (JERAD).

Email-id: drbsrinivasarao@lbrce.ac.in

Mobile Number: +91 9848303289

#### Objectives of the Program

- Describe those aspects of android programming that make it unique from programming for other platforms, Critique android applications on their Design pros and cons.

- Utilize rapid prototyping techniques to design and develop sophisticated interfaces.
- Deploy applications to the Android market place for distribution.

#### Course Contents

- Overview of Android platform and architecture
- Introduction to Android Studio IDE
- Stack and Queue implementations
- Data structures importance in android
- Developing applications

**Platform:** Microsoft Teams

**Eligibility:** All III B.Tech Students  
Registration is free

#### ABOUT THE COURSE

Artificial intelligence is the theory and development of computer systems able to perform tasks that normally require human intelligence, such as visual perception, speech recognition, decision-making, and translation between languages. The main goal of this course is to familiarize you with all aspects of AI so that you can start your career as an artificial intelligence engineer. Artificial Intelligence has conquered almost every industry. Within a year or two, nearly 80% of emerging technologies will be based on AI. Machine Learning, especially Deep Learning, which is the most important aspect of Artificial intelligence, is used from AI-powered recommender systems (Chatbots) and

Search engines for online movie recommendations. Enrolling in this course will help you build a solid AI career and get the best artificial intelligence engineer positions in organizations.

#### Expected Outcomes of the course

- Students are introduced to Android Studio IDE
- Students will be able to implement data binding for connecting UI elements with data models.
- Students will be able to implement pagination techniques for smoother user experience.
- Students will be able to learn the algorithms.





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

**Department of Computer Science & Engineering**

**Program Schedule for Value Added Course titled “Android Development Using Data Structures” 17-08-2020 to 29-08-2020**

S. No.	Date	Topics Covered
1	17-08-2020	<ul style="list-style-type: none"> <li>• Overview of Android platform and architecture</li> <li>• Setting up development environment</li> <li>• Introduction to Android Studio IDE</li> <li>• Overview of Android platform and architecture</li> <li>• Setting up development environment</li> <li>• Introduction to Android Studio IDE</li> </ul>
2	18-08-2020	<ul style="list-style-type: none"> <li>• Arrays and Array Lists</li> <li>• Linked Lists</li> <li>• Maps (HashMap, TreeMap) and Sets (HashSet, TreeSet)</li> </ul>
3	19-08-2020	<ul style="list-style-type: none"> <li>• Storing data in SQLite databases</li> <li>• Using shared preferences for simple data storage</li> <li>• File I/O operations</li> </ul>
4	20-08-2020	<ul style="list-style-type: none"> <li>• Stack and Queue implementations</li> <li>• Tree and Graph data structures</li> <li>• Efficient data structure selection for specific use cases</li> </ul>
5	21-08-2020	<ul style="list-style-type: none"> <li>• Searching and sorting algorithms</li> <li>• Optimizing data access and manipulation using appropriate data structures</li> <li>• Performance considerations and trade-offs</li> </ul>
6	24-08-2020	<ul style="list-style-type: none"> <li>• Implementing data binding for connecting UI elements with data models</li> <li>• MVVM architecture principles and data flow</li> </ul>
7	25-08-2020	<ul style="list-style-type: none"> <li>• Efficiently loading and displaying large datasets</li> <li>• Implementing pagination techniques for smoother user experience</li> </ul>
8	26-08-2020	<ul style="list-style-type: none"> <li>• Advanced tree structures (Binary Search Trees, AVL trees)</li> <li>• Priority Queues and Heaps</li> <li>• Graph algorithms (e.g., Dijkstra's algorithm, depth-first search)</li> </ul>
9	27-08-2020	<ul style="list-style-type: none"> <li>• Advanced tree structures (Binary Search Trees, AVL trees)</li> <li>• Priority Queues and Heaps</li> <li>• Graph algorithms (e.g., Dijkstra's algorithm, depth-first search)</li> </ul>

10	28-08-2020	<ul style="list-style-type: none"> <li>Analyzing and improving performance bottlenecks</li> <li>Memory management techniques and best practices</li> <li>Caching strategies for improved efficiency</li> <li>Unit testing and test-driven development (TDD)</li> <li>Debugging techniques and tools (e.g., Android Debug Bridge)</li> </ul>
11	29-08-2020	<ul style="list-style-type: none"> <li>Working with sensors and location-based services</li> <li>Integrating third-party libraries and APIs</li> <li>Building responsive and accessible user interfaces</li> </ul>

*K. Sri Lakshmi*  
Co-ordinator

*[Signature]*  
HoD, CSE

Head of the Department  
Computer Science and Engineering  
Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLERU - 521 356

*[Signature]*  
Principal  
**PRINCIPAL**

**Gudlavalleru Engineering College**  
**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**

#### **Two Week Value Added Course on Android Development Using Data Structures**

##### **Registered Students List**

<b>S.No</b>	<b>Roll Number</b>	<b>Name of The Student</b>	<b>Emil-Id</b>
1	18481A0501	Abdul Haleem	abdulhaleem.ahgc@gmail.com
2	18481A0502	Adapa Sri Lakshmi Sai Niharika	adapasainiharika01@gmail.com
3	18481A0503	Akunuri Sandhya Rani Sandhya	sandyaakunuri@gmail.com
4	18481A0504	Akuri Esvar Sravanth	sra1theswar@gmail.com
5	18481A0505	Keerthi	keerthiallam10@gmail.com
6	18481A0506	Alokam Bhavya	bhavyaalokam2102@gmail.com
7	18481A0507	Alugu Joyous Brelson	joyousbrelson@gmail.com
8	18481A0508	Anagha Sai Sasidhar	sasidhar210@gmail.com
9	18481A0509	Kiran Annadatha	kiranannadatha8@gmail.com
10	18481A0510	Govardhan Reddy Annapureddy	annapureddygovardhan@gmail.com
11	18481A0511	Ravi Annavarapu	annavarapuravi123@gmail.com
12	18481A0512	Aneesha Arigi	arigianeisha@gmail.com
13	18481A0513	Venkata Pavan Kalyan Athukuri	athukurivenkatapavankalyan@gmail.com
14	18481A0514	Nishkala Atluri	nishkalaatluri8921@gmail.com
15	18481A0515	Uday Chowdary Atluri	udaysaichowdary3663@gmail.com
16	18481A0516	Trinadh Kumar Atmuri	trinadhatmuri@gmail.com
17	18481A0517	Krishna Vamsi Avanigadda	krishnavamsia61@gmail.com
18	18481A0518	Vasavi Avuru	vasaviavuru@gmail.com
19	18481A0519	Sivaranjani Baddeti	bsiva1357@gmail.com
20	18481A0520	Badithala Sreeharsha	badithala.sreeharsha2604@gmail.com
21	18481A0521	Venkata Shiva Bandaru	bshiva032000@gmail.com
22	18481A0522	Bhargavi Bandi	bandibhargavi12@gmail.com
23	18481A0523	Batchu Naga Venkata Sai Syamala Sri Lasya Lasya	batchusrilasya2001@gmail.com



S.No	Roll Number	Name of The Student	Emil-Id
24	18481A0524	Bathula Chinni Sandeep	sandeepbathula57@gmail.com
25	18481A0525	Battu Harish Chandra	harishchandrabattu333@gmail.com
26	18481A0526	Rishitha Battu	batturishitharamaraju@gmail.com
27	18481A0527	Bhargavi Karri	imbhargavi114@gmail.com
28	18481A0528	Umakanth	umakanthb6@gmail.com
29	18481A0529	Iswarya Bodi	aishwaryaanju11@gmail.com
30	18481A0530	Vasanthi Bolla	vasanthibolla123@gmail.com
31	18481A0531	Rahul Bondalapati	rahulnani065@gmail.com
32	18481A0532	Varshitha Sanan	varshithasanana@gmail.com
33	18481A0533	Borra Manju Pavani	manjupavani35@gmail.com
34	18481A0534	Chaitanya Jyothi Pepeti Pepeti	chaitanyajyothi246@gmail.com
35	18481A0535	Chalamalasetti Sundeep	sandeepchalamalasetti123@gmail.com
36	18481A0536	Rushitha Chalamalasetty	chrushitha2000@gmail.com
37	18481A0537	Sadhana Challagolla	chsadhana6059@gmail.com
38	18481A0538	Jyothsna Chaparala	writetojyothsna@gmail.com
39	18481A0539	Naresh Chappidi	nareshchappidi37@gmail.com
40	18481A0540	Chatragadda.Prathima	chpratima777@gmail.com
41	18481A0541	Pavan Kumar Cheemala	cheemalapavankumar9949@gmail.com
42	18481A0542	Bhuvanesh Cheerla	bhuvanesh8919@gmail.com
43	18481A0543	Vinay Kumar Chepuri	chepurivinay95580@gmail.com
44	18481A0544	Chigurupati Preethi	preethichigurupati@gmail.com
45	18481A0545	Keerthisai Chikkavarapu	keerthisaich18@gmail.com
46	18481A0546	Thunisha Chilla	thunishach@gmail.com
47	18481A0547	Chinnam Sowmya Chinnam	sowmyachinnam21@gmail.com
48	18481A0548	Chinnaparapu Subhash	subhash.ch1007@gmail.com
49	18481A0549	Chinni.Lakshmi Pallavi	lakshmiipallavi2001@gmail.com
50	18481A0550	Chinthapalli Kartheek Naidu Chintapalli	kartheeknaidu2001@gmail.com
51	18481A0551	Chirumamilla Nikhithachowdary	nikhithachowdary70234@gmail.com
52	18481A0552	Chiruvolulanka Pushkal Nadh	sabhi9893@gmail.com
53	18481A0553	Jahnavi Chittiprolu	chittiprolujahnavi67@gmail.com
54	18481a0554	Kavyachodagiri Naveena	kavyachodagiri123@gmail.com
55	18481a0555	Tarakanadh Chodavarapu	tarakanadhashrith@gmail.com
56	18481A0556	Yasaswa Satya Sai Chokkakula	yasaswachokkakula@gmail.com

S.No	Roll Number	Name of The Student	Emil-Id
57	18481A0557	Damarla Prathyusha	damarlaprathyusha30@gmail.com
58	18481A0558	Daram Prathima Daram	daramprathimapinky@gmail.com
59	18481A0559	Daram Susmitha Daram	susmithadaram2001@gmail.com
60	18481A0560	Rajakumari Darelli	darellirajakumari2000@gmail.com
61	18481A0561	Pavan Dasi	pavandasi333@gmail.com
62	18481A0562	Sindhu Deevi	sindhu.deevi123@gmail.com
63	18481A0563	Venkata Sai Prathyusha Devallas	prathyushadevallas333@gmail.com
64	18481A0564	Sai Lavanya Devanaboyina	sailavanyadevanaboina01@gmail.com
65	18481A0565	Devi Manogna Meka	devimanognameka@gmail.com
66	18481A0566	Buddha Bhavani Dhanikonda	dhanikondabuddhabhavani@gmail.com
67	18481A0567	Srividya Dharala	srividyardharala123@gmail.com
68	18481A0568	Dharani Sumana Bethapudi	sumanasparks@gmail.com
69	18481A0569	Sohith Sai Doddapaneni	sohithchowdary07@gmail.com
70	18481A0570	Yamini Duba	yaminiduba@gmail.com
71	18481A0571	Bala Vagdevi Dusanapudi	vagdevi.kumar.2@gmail.com
72	18481A0572	Sowmya Gamidi	sowmya.gamidi@gmail.com
73	18481A0573	Nikhil	gnikhilesh12@gmail.com
74	18481A0574	Ghantasala Prasanth	gantasala.prasanth11@gmail.com
75	18481A0575	Manideep Godavarthi	manideepgodavarthi549@gmail.com
76	18481A0576	Goli Sri Teja	sriteja18022000@gmail.com
77	18481A0577	Bhanukiran Goriparthi	bk14381189@gmail.com
78	18481A0578	Jaya Priya Gudapati	gudapatijayapriya@gmail.com
79	18481A0579	Chaitanya Teja Gudavalli	chaitugudavalli999@gmail.com
80	18481A0580	Rajya Lakshmi Gudivaka	gudivaka.rajyalakshmi@gmail.com
81	18481A0581	Asritha Gudla	asrithagudla@gmail.com
82	18481A0582	Abhisgy Gummadi	abishyg@gmail.com
83	18481A0583	Hrithik Gunduboyina	hrithikgunduboyina@gmail.com
84	18481A0584	Harshitha Sravya Seelam	harshithasravya.11@gmail.com
85	18481A0585	Beulah Inti	ibeulah007@gmail.com
86	18481A0586	Venkata Siva Ganararaya Intipalli	narayanaintipalli@gmail.com
87	18481A0587	Ishrath Ishrath	ishrath625@gmail.com
88	18481A0588	Karthik Jaldula	karthikjaldula123@gmail.com
89	18481A0589	Ashwini Jangam	jangamashwini2000@gmail.com
90	18481A0590	Lakshmi Sreya Janjanam	lakshmisreyajanjanam@gmail.com

S.No	Roll Number	Name of The Student	Emil-Id
91	18481A0591	Naga Phaneendra Jannu	phanijannu70@gmail.com
92	18481A0592	Jeevana Jyothi Javangula	jjj974725@gmail.com
93	18481A0593	Venkata Prasanth Jogi	venkataprasanthjogi@gmail.com
94	18481A0594	Durga Sri Jonnalagadda	jonnalagaddadurgasri@gmail.com
95	18481A0595	Swathi Jujjuvarapu	swathijswathi123@gmail.com
96	18481A0596	Mahesh Kadiyapu	kadiyapumahesh28@gmail.com
97	18481A0597	Hemanth Sai Kagitha	saikagitha4002@gmail.com
98	18481A0598	Sujith Kumar Kagithala	sujithsanju9877@gmail.com
99	18481A0599	Manikanta Sai Manoj Kambhampati	manojkambhampati11@gmail.com
100	18481A05A1	Ravi Kiran Kanagala	ravikiran.kanagala@gmail.com
101	18481A05A2	Lakshmi Kandula	lakshmikandula795@gmail.com
102	18481A05A4	Venkata Leela Prasad Kareti	prasad1304198@gmail.com
103	18481A05A5	Veerendra Gopichand Karuturi	gopi24chand@gmail.com
104	18481A05A6	Sai Kiran Katragadda	saikirankatragadda555@gmail.com
105	18481A05A7	Nanda	nandalucky09@gmail.com
106	18481A05A8	Joshi Kumar Katturi	joshk6131@gmail.com
107	18481A05A9	Devi Kiran Reddy Kesavarapu	kiranreddy1738@gmail.com
108	18481A05B0	Sravya Kilaru	sravya2467@gmail.com
109	18481A05B1	Vijayasandhya Kodamala	vijayasandhyakodamala27@gmail.com
110	18481A05B2	Stuthi Keerthi Kokkiligadda	stuthikeerthikokkiligadda@gmail.com
111	18481A05B3	Venkata Prudhvi Raj Kolasani	prudhvikolasani.007@gmail.com
112	18481A05B4	Mahesh Kollipara	maheshkollipara421@gmail.com
113	18481A05B5	Naga Venkata Naresh Kollu	mahinaresh412@gmail.com
114	18481A05B6	Naga Sri Sai Chaitanya Kolluri	saichaitanya518@gmail.com
115	18481A05B7	Pavan Kolusu	pavankolusu55@gmail.com
116	18481A05B8	Sri Tanuja Komatlapalli	ksritanuja@gmail.com
117	18481A05B9	Kommini Surya Teja	suryatejakommini@gmail.com
118	18481A05C0	Kona Vagadheeswari Kona	vagadheeswari2018@gmail.com
119	18481A05C1	Venkata Naga Sai Anjani Varsha Kona	anjanivarshakona123@gmail.com
120	18481A05C2	Konakala Vamsi	vamsikrishnakonakalako@gmail.com
121	18481A05C3	Konduri Narasimha Rao	nsimhak56@gmail.com
122	18481A05C4	Kothuru Poojasri Poojasri	kothurupooja999@gmail.com
123	18481A05C5	Kunchala Likhitha Likhitha	likhithakunchala27@gmail.com



S.No	Roll Number	Name of The Student	Email-Id
124	18481A05C6	Kundeti Hebsiba Hebsiba	yahwehmyway@gmail.com
125	18481A05C7	Lingamaneni Divya	divyalingamaneni2000@gmail.com
126	18481A05C8	Maddukuri Venkata Sampath Kumar	sampathkumarmaddukuri1@gmail.com
127	18481A05C9	Mahali Kathyayani	kathyayanimahali@gmail.com
128	18481A05D0	Makireddy Vijay Kumar Reddy	vijaymakireddy10@gmail.com
129	18481A05D1	Malireddy Raghava Reddy	rrmalireddy25@gmail.com
130	18481A05D2	Malla Sravani Sravani	lovelysraves2000@gmail.com
131	18481A05D3	Mamidi Sai Sathwika	mamidisaisathwika@gmail.com
132	18481A05D4	Mandapati Yaswanth Reddy	yaswanthreddy573@gmail.com
133	18481A05D5	Maram Anil Kumar Reddy	anilreddycsk7@gmail.com
134	18481A05D6	Marella Padma Sai Padma Sai	marella.padmasai@gmail.com
135	18481A05D7	Surya Teja Merugu	stylishsurya35@gmail.com
136	18481A05D8	Miriyala Supriya Supriya Miriyala	supriyamiriyala9@gmail.com
137	18481A05D9	Anji Reddy Modugula	modugulaanjireddy18@gmail.com
138	18481A05E0	Mohammad Fareena Simmin	fareenasimmin008@gmail.com
139	18481A05E1	Mohammed Amin Faraz	aminfaraz01@gmail.com
140	18481A05E2	Motru Usha Usha	motruusha29@gmail.com
141	18481A05E3	Motupalli Sarah Chaitanya Sarah Chaitanya	mschaitanya27@gmail.com
142	18481A05E4	Movva Sharanya	movvasharanya1@gmail.com
143	18481A05E5	Murumuri Sai Lakshmi	murumurisailakshmi@gmail.com
144	18481A05E6	Nadakuditi Venkata Sailakshman Nadakuditi	nvenkatasailakshman@gmail.com
145	18481A05E7	Venkata Sai Nadella	indolar23@gmail.com
146	18481A05E8	Nagandla Sai Spandana	saispandanaganandla@gmail.com
147	18481A05E9	Nagandla Surya Sai Surya	suryayashu222@gmail.com
148	18481A05F0	Manikanta Kumar Nagarapu	maninagarapu2@gmail.com
149	18481A05F1	Deepika Nagudu	deepikanagudu945@gmail.com
150	18481A05F2	Nallajeru Siva Naga Venkata Durga Supriya Supriya	durgasupriya3@gmail.com
151	18481A05F3	Namburi Naga Venkata Surya Kumari Surya Kumari	suryakumari9246@gmail.com
152	18481A05F4	Nandamuri Varshini Varshini	varshini.nandamuri.369@gmail.com

S.No	Roll Number	Name of The Student	Email-Id
153	18481A05F5	Nandanapu Chandbi Chandbi	chandbi.nandanapu@gmail.com
154	18481A05F6	Narasimha Varma Ambati Ambati	a.narasimhavarma@gmail.com
155	18481A05F7	Nerusu Bhargavi Bhargavi	nerusubhargavi20@gmail.com
156	18481A05F8	Oleti Lakshmi Sameera Sameera	lakshmisameeraoleti@gmail.com
157	18481A05F9	P Sai Nikhil Pallam	sainikhil3025@gmail.com
158	18481A05G0	Paladugu Suneel Paladugu	paladugusuneel20000@gmail.com
159	18481A05G1	Palakurthi Sowsilya	palakurthisowsilya58267@gmail.com
160	18481A05G2	Pallela Yeshwanth	ypallela@gmail.com
161	18481A05G3	Parise Sri Tirumala Parise	tirumaladevika@gmail.com
162	18481A05G4	Pasula Lakshmi Prasanna	lakshmiprasanna6148@gmail.com
163	18481A05G5	Patchala Sindhu Sindhu	sindhucse22@gmail.com
164	18481A05G6	Peddineni Venkata Naga Ramya Peddineni	ramya.peddineni01@gmail.com
165	18481A05G7	Peeka Srinivas	srinivas3vnr@gmail.com
166	18481A05G8	Chakri Praneeth Penugonda	chakripenugonda9@gmail.com
167	18481A05G9	Penumala Hemanth	daringhemanth9999@gmail.com
168	18481A05H0	Peteti Hemanth Venkatesh	venkatesh.petetil@gmail.com
169	18481A05H1	Chaitanya Babu	chaithurockzz66@gmail.com
170	18481A05H2	Polavarapu Naga Deepika Polavarapu	nagadeepika2000@gmail.com
171	18481A05H3	Sai Pradeep Polimetla	pradeepolimetla8466@gmail.com
172	18481A05H4	Vinay Kumar Ponugoti	vinaykumarponugoti1310@gmail.com
173	18481A05H5	Posina Sandhya Sandhya	posinasandhya@gmail.com
174	18481A05H6	Potharlanka Deepika Deepika	deepikapotharlanka.143@gmail.com
175	18481A05H7	Pothuri Sri Pallavi Pallavi	srpallavi145p@gmail.com
176	18481A05H8	Potluri Sreya	potlurisreya@gmail.com
177	18481A05H9	Potu Sowmya	potusowmya06126@gmail.com
178	19485A0502	Jahnavi Gottapu	jahnavigottapu@gmail.com
179	19485A0503	Rimmanapudi Selsiya	crazyselsi760@gmail.com
180	19485A0504	Koyyana Mohana Sai Ram	msram299@gmail.com
181	19485A0505	Prameela Srirangapurapu	prameelakesava2000@gmail.com
182	19485A0506	Gudavalli Manoj	manutarak28@gmail.com
183	19485A0507	Kesika Navuluri	kesikanavuluri@gmail.com
184	19485A0508	Suguna Maddula	maddulasuguna31@gmail.com

S.No	Roll Number	Name of The Student	Email-Id
189	19485A0514	Rupa Rukmini Vummiti	ruparukmini76@gmail.com
190	19485A0515	Keerthi Emmadi	keerthiemmedi010@gmail.com
191	19485A0516	Pavan Kumar Manchineni	pavanmanchinenil@gmail.com
192	19485A0517	Alekhyia Mandalapu	alekhyanani07@gmail.com
193	19485A0518	Lavanya Dasari	lavanyadasari018@gmail.com
194	19485A0519	Jithendra Sai Merugumala	jithendrasaimerugumala@gmail.com
195	19485A0523	Yamini Srilakshmi	yaminid021@gmail.com
196	19485A0524	Durga Kalivarapu	durgakalivarapu@gmail.com
197	18481A05L6	Vsngayathri@Gmail.Com	vadavalli gayathri
198	18481A05N7	Yaramalasamara150@Gmail.Com	yaramala samara simha reddyreddy
199	18481A05N8	Yarramothukeerthi8@Gmail.Com	YARRAMOTHU keerthi
200	18481A05N4	Yhema1292000@Gmail.Com	YADAVALLI HEMASRI

*K. Srilakshmi*  
Co-ordinator

*[Signature]*  
**HoD, CSE**  
Head of the Department  
Computer Science and Engineering  
Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLERU - 521 356

*[Signature]*  
**Principal**  
**PRINCIPAL**  
**Gudlavalleru Engineering College**  
**GUDLAVALLERU - 521 356**





**Department of Computer Science and Engineering**

**Summary Report on Value Added Course “Android Development Using Data Structures”**  
**17-08-2020 and 29-09-2020**

**Title of the course:** “Android Development Using Data Structures in Computer Science & Engineering”

**Duration:** 17-08-2020 to 29-08-2020

**Resource Persons:**

- Mr. N. Ramesh, CEO, Apply Volt Technologies, Hyderabad
- Team Apply Volt Technologies, Hyderabad

**Objectives of the program:**

- Managing complex data relationships: Many Android applications deal with complex data relationships, such as hierarchical structures, graphs, or networks
- Building efficient data storage and retrieval: By utilizing appropriate data structures
- Ensuring data integrity and reliability: The program focuses on selecting data structures that maintain data integrity and reliability.

**Topics Covered:**

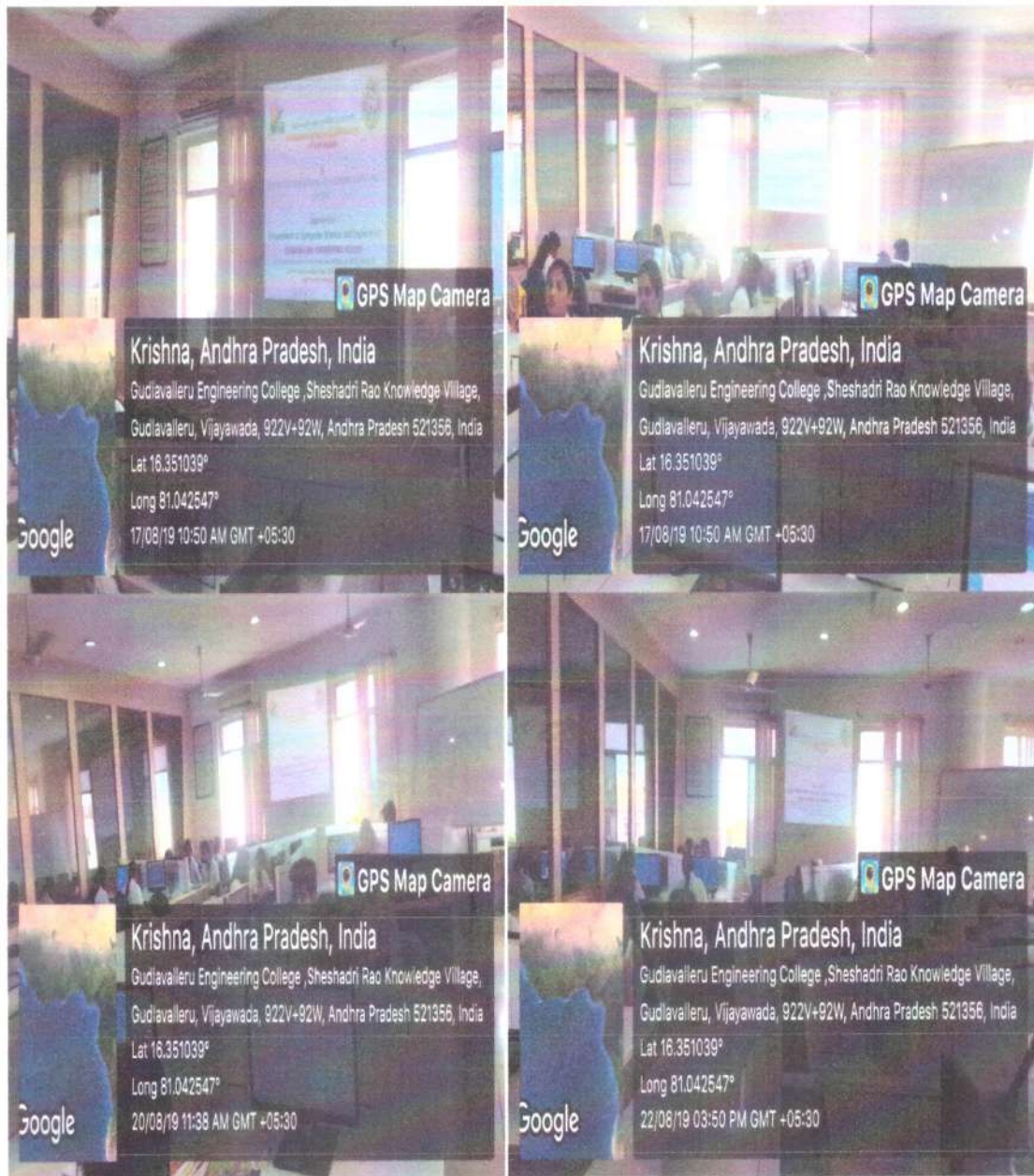
- Introduction to Android Development
- Android user interface development
- Data structures in java
- Advanced data structures
- Data persistence and data binding

**Outcomes of the program:**

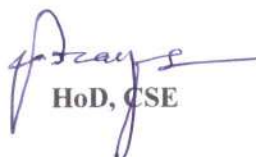
- Students will be able to gain a deep understanding of various data structures and their implementation in the context of Android development.
- Students will be able to learn techniques for optimizing the performance of Android applications, including understanding algorithmic complexity, leveraging efficient data structures, and implementing caching strategies.
- Students will be able to learn memory management concepts specific to Android, helping you understand how data structures impact memory usage, garbage collection, and memory optimization in Android applications.

**No. of students enrolled the course: 200**

**No. of students completed the course: 196**



K. Srilakshmi  
Co-ordinator

  
HoD, CSE

  
Principal

Head of the Department  
Computer Science and Engineering  
Gudlavalluru Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLERU - 521 356

**PRINCIPAL**  
Gudlavalluru Engineering College  
GUDLAVALLERU - 521 356





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

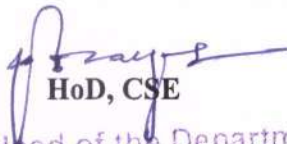
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**DEPARTMENT OF COMPUTER SCIENCE ENGINEERING**

**CIRCULAR**

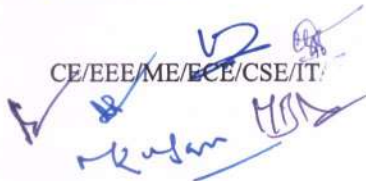
Date: 10-09-2020

The department of Computer Science Engineering is organizing a two-week Value-Added Course on "**Linux System Administration**" from 14-09-2020 to 26-09-2020 for UG students of all the branches. Hence all the II B. Tech students are informed to enroll the Course on or before 12-09-2020.

  
HoD, CSE

Head of the Department  
Computer Science and Engineering  
Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village -  
GUDLAVALLERU - 521 356

CE/EEE/ME/ECE/CSE/IT



/MBA



  
Principal  
**PRINCIPAL**

**Gudlavalleru Engineering College**  
**GUDLAVALLERU - 521 356**





### **Two week Value Added Course**

on

**"Linux System Administration"**

**14<sup>th</sup> 26<sup>th</sup> Sep 2020**



**Organized  
by  
Department of CSE**

GUDLAVALLERU ENGINEERING COLLEGE  
(An Autonomous Institute Affiliated to JNTUK, Kakinada)

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

#### **College Officials**

**Dr. Nageswara Rao Vallurupalli**  
Chairman

**Er. Satyanarayana Rao Vallurupalli**  
Secretary & Correspondent

**Sri. Ramakrishna Vallurupalli**  
Co-Secretary & Correspondent

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

#### **ADVISORY COMMITTEE**

**Dr. M. R. Ch. Sastry**  
Vice-Principal & Professor, ME.

**Dr. P. Kodanda Rama Rao**  
Vice-Principal & Professor, CE

**Dr. S. Narayana**  
Professor, CSE & Mentor AS&A.

#### **CHAIRMAN**

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

#### **COORDINATOR'S:**

**Mrs. N. Rajeswari**, Assoc. Professor of CSE

#### **MEMBERS:**

All II B.Tech Students

#### **ABOUT SRGEC**

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. 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) 45Km. 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. The U.G Engineering programmes, EEE, ME, ECE, CE, CSE & IT have been accorded Accreditation status by NBA of AICTE.

#### **ABOUT THE DEPARTMENT**

The Department of Computer Science and Engineering is one of the pioneer departments of GEC with an intake of 240. The students of this department are being selected through campus recruitment in reputed IT companies. Besides the teaching learning process, CSE department regularly conducts workshops, guest lectures, group discussions and refresher courses to enhance the skills of students and teaching community. It is 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 department.

### Resource Person

**Dr. P. Pandarinath, Professor of CSE**  
working as Professor in the Computer Science & Engineering and Principal of Swarnandhra Institute of Engineering & Technology.

Eager to bring Engineering students into the twenty first century using a unique combination of educational experience coupled with 23 years Teaching background in Computer Science & Engineering.

Plan and instruct each area of subject using wide variety of teaching aids, motivational and implementation strategies to engage students in active learning.

Incorporate learning modality principles into classroom and individual instruction. Develop and conduct inter-grade activities.

Utilize Heath automated math management system. Implement technological approaches to subject material.

Research educational resources on the Internet. Assist with information retrieval.

Email-id: sriram310@gmail.com  
Mobile Number: 9100728999

### Objectives of the Program

- In this module of linux course, you will understand Linux architecture in general, booting process, how to install Centos7 OS, system initialization and some basic commands to get started.

- Linux administration covers backups, file restores, disaster recovery, new system builds, hardware maintenance, automation, user maintenance, filesystem housekeeping, application installation and configuration, system security management, and storage management.

### Course Contents

- Introduction to Unix & Linux
- History of Unix & Linux
- Basic Concepts of Operating Systems, Kernel, shell and filesystem structure
- Basic Concepts of Linux
- Basic Commands of Linux
- Advanced Linux Commands

**Platform:** Microsoft Teams

**Eligibility:** All II B. Tech Students  
Registration is free

### ABOUT THE COURSE

A Linux System Administrator takes care of computers running on the Linux operating systems. The professional will handle the support infrastructure, operating systems, virtual platforms, and applications. The administrator is responsible for the integrity and security of the servers and computer systems by following established security protocols and practices. These professionals working collaboration with the computer

system engineer to install the system. The Linux administrator ensures the systems are updated with changing technologies. They are in charge of the installation of new software, granting permissions, and training users for the applications.

### Expected Outcomes of the course

- Students are introduced to Linux System Administration.
- Students will be able Maintain best practices on managing systems and services across all environments
- Students will be able to create and modify scripts or applications to perform tasks.
- Students will be able to learn the commands uses English keywords frequently where as other languages use punctuation, and it has fewer syntactical constructions than other languages.






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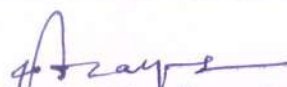
**Department of Computer Science & Engineering**

**Program Schedule for Value Added Course titled "Linux System Administration"**

**14-09-2020 to 26-09-2020**

S. No.	Date	Topics Covered
1	14-09-2020	<ul style="list-style-type: none"><li>• Introduction to Unix &amp; Linux</li><li>• History of Unix &amp; Linux</li><li>• Basic Concepts of Operating Systems, Kernel, shell and file system structure</li><li>• Basic Concepts of Linux</li></ul>
2	15-09-2020	<ul style="list-style-type: none"><li>• Basic Commands of Linux</li><li>• Advanced Linux Commands</li><li>• Installation of Linux</li></ul>
3	16-09-2020	<ul style="list-style-type: none"><li>• Interactive Installation</li><li>• Kickstart Installation</li><li>• Network based Installation</li></ul>
4	17-09-2020	<ul style="list-style-type: none"><li>• Startup and Shutdown scripts</li><li>• Boot Sequence</li><li>• Kernel Initialization</li></ul>
5	18-09-2020	<ul style="list-style-type: none"><li>• INIT Process</li><li>• Software Package Administration</li><li>• Installing and deleting software packages</li></ul>
6	19-09-2020	<ul style="list-style-type: none"><li>• Querying and updating software packages</li><li>• Dynamic Host Configuration Protocol (DHCP)</li></ul>
7	21-09-2020	<ul style="list-style-type: none"><li>• Configuring Linux as DHCP server</li><li>• Configuring various clients for dhcp server (Windows &amp; Linux)</li></ul>
8	22-09-2020	<ul style="list-style-type: none"><li>• Basics of NIS</li><li>• Configuring NIS master server, slave server and client</li></ul>
9	23-09-2020	<ul style="list-style-type: none"><li>• Web Server ( Apache)</li><li>• Basics of web service</li><li>• Introduction to Apache</li></ul>
10	24-09-2020	<ul style="list-style-type: none"><li>• FTP server ( vsftpd daemon)</li><li>• Basics of File Transfer protocol</li><li>• Configuring proftpd for anonymous ftp service</li></ul>
11	25-09-2020	<ul style="list-style-type: none"><li>• Mail Server(SMTP,POP3,IMAP)</li><li>• Basics of Mail servers</li><li>• Basics of file sharing in Windows</li></ul>
12	26-09-2020	<ul style="list-style-type: none"><li>• Overview of Linux System Administration</li></ul>

  
Co-Ordinator

  
Head of the Department  
Computer Science and Engineering  
Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLERU - 521 356

  
Principal  
**PRINCIPAL**  
Gudlavalleru Engineering College  
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**

#### **Two Week Value Added Course on Linux System Administration**

#### **Registered Students List**

S.No	Roll Number	Name of The Student	Emil-Id
1	19481A0501	ADAPA SREEHARSHITHA	adapasreeharshitha625@gmail.com
2	19481A0502	KAGITHA AKHILANDESHWARI	ksgithaakhila@gmail.com
3	19481A0503	ALA HARIVITAL YADAV	vital121ahhari@gmail.com
4	19481A0504	ALLADA DUNDIKIREN	dundikiren94@gmail.com
5	19481A0505	ANNAM SRAVYA SRI	sravyasriannam2001@gmail.com
6	19481A0506	ANNAMANENI TEJA NAGA SRINIVASARAO	annamaneniteja@gmail.com
7	19481A0507	ANNAVARAPU PRAVEEN KUMAR	annavarapupraveen28@gmail.com
8	19481A0508	APPALA YOCHANA	yochana1234@gmail.com
9	19481A0509	AYYALURI ASHOK KUMAR REDDY	kumarreddya734@gmail.com
10	19481A0510	BACHULA SUBRAHMANYAM	subrahmanyambachula2001@gmail.com
11	19481A0511	BADVEL MOHAMMED SAMEER	1badwelsameer@gmail.com
12	19481A0512	BALAMARTHI CHANDRA BABU	balamarthichandrababu@gmail.com
13	19481A0513	BANDELA SATYA RAHUL	bandelarahul2002@gmail.com
14	19481A0514	BANDI RAJESH	dinkuuknid123@gmail.com
15	19481A0515	BANDI VARUN KUMAR	varunsupreme68@gmail.com
16	19481A0516	BANDREDDI HIMA KRISHNA	krishnabandreddi2042002@gmail.com
17	19481A0517	BANTU PAVAN SUNDAR	pavansundar8340@gmail.com
18	19481A0518	BATHINI NANDINI	nandinichowdary08@gmail.com
19	19481A0519	BATTU SUSHMIK	sushmikh@gmail.com
20	19481A0520	BALA SAI BATTULA	balasaibattula@gmail.com
21	19481A0521	BATTULA SURYA TEJA	tejadivaseven@gmail.com
22	19481A0522	BHAVANA	bhavanaguntupalli6@gmail.com
23	19481A0523	BHEEMAVARAPU J V N S S S HANUMA	jayanth11022002@gmail.com
24	19481A0524	BHESETTY AKHLESH	akhleshtheking@gmail.com
25	19481A0525	BHUPATHI SNEHA	bhupathisneha2002@gmail.com
26	19481A0526	BODDU JITENDRA SAI	jitendrasaiboddu@gmail.com

S.No	Roll Number	Name of The Student	Email-Id
27	19481A0527	BOLLARAPU GRACY CHRYSOLITE	gracychrysolite.b77@gmail.com
28	19481A0528	BOMMAREDDY PUSHYAMI	pushyamibommareddy@gmail.com
29	19481A0529	BONTHU ANUSHA	twinkleanu121@gmail.com
30	19481A0530	BOPPA CHARISHMA	boppacharishma@gmail.com
31	19481A0531	BOPPANA LALITHA SRI	lalithachowdary9999@gmail.com
32	19481A0532	BOPPINEEDI V V N S BHUVANA SRI	bhuvanasri305@gmail.com
33	19481A0533	BORRA GIRIDHAR	borragiridhar@gmail.com
34	19481A0534	CHADALAVADA SAJAN	sajanchowdary123@gmail.com
35	19481A0535	CHEELI ARCHANA	cheeliarchana1805@gmail.com
36	19481A0536	CHEKURI RAGHAVA	raghavachekuri777@gmail.com
37	19481A0537	CHENNAMSETTY ABHILASH BABU	abhilashch321@gmail.com
38	19481A0538	CHENNUPATI CHAITANYA SAI	yourschcs@gmail.com
39	19481A0539	CHENNURI SRAVANTHI	chennurisravanthi6@gmail.com
40	19481A0540	CH JYOTHIKA	chjyothika123@gmail.com
41	19481A0541	CHIMATA ANURADHA	anuradhachimata02@gmail.com
42	19481A0542	CHINNAM SAI KUMAR	chinnamsai999@gmail.com
43	19481A0543	CHINNAPAREDDY SUREKHA	chsurekha91@gmail.com
44	19481A0544	CHINTALA VARSHITH CHOWDARY	varshithchintala6@gmail.com
45	19481A0545	DABBALA VENKATA APPAJI	dabbalaappuvenkat23@gmail.com
46	19481A0546	DAIDA KRISHNA KISHORE	krishnakishoreda114@gmail.com
47	19481A0547	DAMA AJAY YESWANTH	damaajay222@gmail.com
48	19481A0548	DAMA DILIP KUMAR	dilipkumardama2000@gmail.com
49	19481A0549	DASARI ADITYA SHANMUKH	dasariinap@gmail.com
50	19481A0550	DESINA KARTHIK	karthik.desina@gmail.com
51	19481A0551	DESU VASAVI SRI PRIYA	muralidesu123@gmail.com
52	19481A0552	DEVARAKONDA DINESH SAI SRI RAM	dineshdevarakonda929@gmail.com
53	19481A0553	DEVARAPALLI VASTHALYA	vasthalya.2002@gmail.com
54	19481A0554	DHANALA SWAROOPA RANI	dhanalaswaruparani0677@gmail.com
55	19481A0555	DUNNA VIJAY CHAITANYA	chaitanyavijay.32@gmail.com
56	19481A0556	EDE SUPRIYA	supriyaede@gmail.com
57	19481A0557	GALANKI NIKHILA	galankinikhila@gmail.com
58	19481A0558	GANTA DEEP AMAN	gantaaman12@gmail.com
59	19481A0559	GANTA PRASANNA KUMAR	prasanna143charanism@gmail.com
60	19481A0560	GARIKIPATI NIKHILA SAI	nikhilagarikipati@gmail.com
61	19481A0561	GARLAPATI YUMESH GUPTA	gyumeshgupta@gmail.com
62	19481A0562	GARRE NAVEEN KUMAR	naveengarre9999@gmail.com

S.No	Roll Number	Name of The Student	Emil-Id
63	19481A0563	GOLLA BALA SANKARU	gollabalu01@gmail.com
64	19481A0564	GOLLA CHANDRIKA VENKATA SAI SRI	chandrikagolla2001@gmail.com
65	19481A0565	Naga Sai Tejeswara Reddy Goluguri	tejeswarareddy2001@gmail.com
66	19481A0566	sreeja gopisetty	sreejagopisetty2000@gmail.com
67	19481A0567	madhav goriparthi	madhavsimple7@gmail.com
68	19481A0568	sri jyothi goriparthi	sriyothiraogoriparthi@gmail.com
69	19481A0569	anusha gorla	anushagorla09@gmail.com
70	19481A0570	manikanta gorre	manikantaprince1234@gmail.com
71	19481A0571	prasanth grandhe	grandheprasanth@gmail.com
72	19481A0572	pujitha gudavalli	gudavallipujitha55@gmail.com
73	19481A0573	sravan chandra	naidu8102@gmail.com
74	19481A0574	akhil gudivada	akhilgudivada111@gmail.com
75	19481A0575	lavanya gujjula	sonyhoney2520@gmail.com
76	19481A0576	nishitha gujjula	nishithaswee@gmail.com
77	19481A0577	Neha Gunduboyina	gnehasona@gmail.com
78	19481A0578	alekhya guntamukkala	devialekhya7842@gmail.com
79	19481A0579	rakesh babu	rakeshguttapalli2002@gmail.com
80	19481A0580	revanth kumar	revanthkumarinapanuri3947@gmail.com
81	19481A0581	lasya varma	lasyavarma.indukuri@gmail.com
82	19481A0582	jyothika chowdary	jyothikachowdary818@gmail.com
83	19481A0583	sri hari jaddu	srihari12310@gmail.com
84	19481A0584	vinod jampani	vinodchowdary916@gmail.com
85	19481A0585	haripriya jannu	jannuharipriya95@gmail.com
86	19481A0586	Aakanksha Jarugu	honeyaakanksha1132@gmail.com
87	19481A0587	chathurvedi jarugu	chathurvedijarugu9219@gmail.com
88	19481A0588	madhavi latha	madhavalatha7@gmail.com
89	19481A0589	joyce tantepudi	joycetantepudi@gmail.com
90	19481A0590	venkata sai jonnalagadda	venkatasaijonnalagadda775@gmail.com
91	19481A0591	jaya sri	gopalaraojujjuvarapu197@gmail.com
92	19481A0592	sukanya junapudi	sukanyajunapudi2002@gmail.com
93	19481A0593	renuka jyothi	renukakeeru10@gmail.com
94	19481A0594	praveen kadiri	praveenkadiri2001@gmail.com
95	19481A0595	vinay kagitha	kagithavinay01@gmail.com
96	19481A0596	harika kaitepalla	harikak282000@gmail.com
97	19481A0597	Rahulakumanu	rahul76143@gmail.com
98	19481A0598	bhaskar	nagasai.kalapala@gmail.com




S.No	Roll Number	Name of The Student	Emil-Id
99	19481A0599	Jyotsna Nagasree Kancharla	kancharlajyotsna07@gmail.com
100	19481A05A0	prudhvi kumar	prudhvikumarkancharla@gmail.com
101	19481A05A1	durga prasanth	dpkandipalli@gmail.com
102	19481A05A2	goutham kumar reddy	gouthamreddy1109@gmail.com
103	19481A05A3	jagadeesh	jagadeeshkrishna1729@gmail.com
104	19481A05A4	navya kanneti	kannetinavya2001@gmail.com
105	19481A05A5	Bhavyasri Kanugo	kanugobhavyasri@gmail.com
106	19481A05A6	sai teja kanumuri	koteswararaokanumuri123@gmail.com
107	19481A05A7	bhanu karri	bhanukarri611@gmail.com
108	19481A05A8	manogna kasukurthi	manognakasukurthi9399@gmail.com
109	19481A05A9	chandrika kakatam	chandrikachandu227@gmail.com
110	19481A05B0	padma priya	kattapadmapriya119@gmail.com
111	19481A05B1	venkaiah katuri	venkaiahkaturi666@gmail.com
112	19481A05B2	sri jayaram	sunnyram870@gmail.com
113	19481A05B3	teja sree	kintalatejasri@gmail.com
114	19481A05B4	eliyam kodali	eliyamkodali468@gmail.com
115	19481A05B5	sirisha kodali	sirishakodali2001@gmail.com
116	19481A05B6	vijaya lakshmi	koierivijayalakshmi562@gmail.com
117	19481A05B7	srinivasa rao	srinivasar491@gmail.com
118	19481A05B8	sai kumar	kokiligaddasaikumar@gmail.com
119	19481A05B9	naga jyothi kokkirapati	kokkirapatinagajyothi2002@gmail.com
120	19481A05C0	eswar datta	eswardatta91@gmail.com
121	19481A05C1	mahesh babu	maheshkollu987@gmail.com
122	19481A05C2	ram chandu	ram.kolukula55@gmail.com
123	19481A05C3	yogitha kondisetty	yogitha.kondisetty6202@gmail.com
124	19481A05C4	chaitanya koneti	konetichaitu@gmail.com
125	19481A05C5	lasya kotapati	lasyareddy0812@gmail.com
126	19481A05C6	krishna vamsi	krishnavamsikotha28@gmail.com
127	19481A05C7	shanmukha priya	shannukotte159@gmail.com
128	19481A05C8	Kuna Praneetha	praneethakuna123@gmail.com
129	19481A05C9	rahul kuppala	rahulsanju7207@gmail.com
130	19481A05D0	Samuel Chaitanya	venkatkurapati05@gmail.com
131	19481A05D1	Haritha Lakanam	venkataharithalakanam@gmail.com
132	19481A05D2	sowmya lukka	sowmyalukka2001@gmail.com
133	19481A05D3	Sai Thej Madasu	thej91819@gmail.com
134	19481A05D4	gowtham maguluri	gowthamaguluri040@gmail.com

S.No	Roll Number	Name of The Student	Emil-Id
135	19481A05D5	Yasaswi Mahali	yasaswihema@gmail.com
136	19481A05D6	Vyshnavi Mallapragada	srinivasmallapragada@gmail.com
137	19481A05D7	umamaheswara rao mamillapalli	umamahesh1022mamillapalli@gmail.com
138	19481A05D8	manchana sai kartheek	manchana.saikartheek@gmail.com
139	19481A05D9	Mandava Tarun	tarunnani03@gmail.com
140	19481A05E0	Hanuman Manepalli	hanumanmanepalli123@gmail.com
141	19481A05E1	rajesh manikala	rajesh2hema@gmail.com
142	19481A05E2	manikanta muppa	manikanta72888@gmail.com
143	19481A05E3	durga satish maredu	durgasatishmaredu88@gmail.com
144	19481A05E4	Leela Rani Marella	marellaleelarani371@gmail.com
145	19481A05E5	Hemanth Eswar Margani	hemantheswar1111@gmail.com
146	19481A05E6	deksha sindhu	dekshasindhu@gmail.com
147	19481A05E7	siva naga sai maruboina	bannu5310@gmail.com
148	19481A05E8	mohammed kaif	mohammed.kaif0209@gmail.com
149	19481A05E9	jaswanth Naidu	jaswanthmatta344@gmail.com
150	19481A05F0	akhila mediboyina	akhilamediboyina2323@gmail.com
151	19481A05F1	Medidi yamini sri	yaminisri06@gmail.com
152	19481A05F2	kiran kumar meka	kk574997@gmail.com
153	19481A05F3	NAGENDRA BABU MELIKA	nagendrababumelika@gmail.com
154	19481A05F4	dheeraj merugu	merugudheeraj123@gmail.com
155	19481A05F5	tejo priya modugumudi	modugumuditejopriya111@gmail.com
156	19481A05F6	pardha saradhi mogili	pardhasaradhi178053417308@gmail.com
157	19481A05F7	mohammad asifraza	mdasifraza820@gmail.com
158	19481A05F8	mohammad athikafarhin	athikafarhin2@gmail.com
159	19481A05F9	mohammad shaheed	shaheedmd159@gmail.com
160	19481A05G0	likhita moparthy	moparthiarjun@gmail.com
161	19481A05G1	ajay moru	ajaymoru1705@gmail.com
162	19481A05G2	pravallika muktineni	pravallika.muktineni@gmail.com
163	19481A05G3	lakshmitha mummareddy	lakshmitha2002@gmail.com
164	19481A05G4	karthik munnangi	kumarkarthik19189@gmail.com
165	19481A05G5	mahendra murari	mahigoud856@gmail.com
166	19481A05G6	bhavagjna mutnuri	bhavagjnamutnuri@gmail.com
167	19481A05G7	Gnana Deepak	deepak150801@gmail.com
168	19481A05G8	pooja kumari nagalla	poojakumari42260@gmail.com
169	19481A05G9	siddhardha	nagodusiddhardha24@gmail.com
170	19481A05H0	saikerthi nallamothu	saikerthinallamothu@gmail.com

S.No	RollNumber	Name ofTheStudent	Emil-Id
171	19481A05H1	madhavinaragam	naragammadhavi001@gmail.com
172	19481A05H2	Eswardatta. Narsipalli	eswardattanarsipalli2@gmail.com
173	19481A05H3	vimalaneelapala	vimalaneelapala@gmail.com
174	19481A05H4	kavya n	kavya987.n@gmail.com
175	19481A05H5	Manaswini	manaswinipadavala@gmail.com
176	19481A05H6	murali manohar padilam	muralimanohar2688@gmail.com
177	19481A05H7	poojithapakala	pakala.sudhakararao@gmail.com
178	19481A05H8	vinay	viceroyvinay@gmail.com
179	19481A05H9	PurnanandaSarmaP	rebelnanda112@gmail.com
180	19481A05I0	haritha pamarthi	harithapamarthi180@gmail.com
181	19481A05I1	P.ADHIKESAVA	adhikesava333@gmail.com
182	19481A05I2	sreejapandu	sreejapandu2408@gmail.com
183	19481A05I3	swetha parasa	ammuchaitu111@gmail.com
184	19481A05I4	TejaswanthParasa	sunnyparasa67@gmail.com
185	19481A05I5	Divyasai parchuri	parchurisai111@gmail.com
186	19481A05I6	chandrika pari	parichandrika03@gmail.com
187	19481A05I7	saijayanthparuchuri	paruchurijayanth432@gmail.com
188	19481A05I8	seetharam pradeep	seetharampradeep@gmail.com
189	19481A05I9	sireeshapeeka	sireeshapeeka@gmail.com
190	19481A05J0	keerthananaidupenaganti	keerthananaidu621@gmail.com
191	19481A05J1	prabhakarperugu	peruguprabhakar7702@gmail.com
192	19481A05J2	sivakrishnaperugu	pskrishna2002@gmail.com
193	19481A05J6	AbhiramPolagani	abhiram2017ssc@gmail.com
194	19481A05K2	CharithasriPunna	cherryapunna14@gmail.com
195	19481A05L8	FarheenShaik	farheenshaik567@gmail.com
196	19481A05M2	AshritaParvin Shaikh	ashritaparvin02@gmail.com
197	19481A05M9	S.B.Mukesh	9912966999om@gmail.com
198	19481A05N5	SantoshKumarThammineni	bublysantosh123@gmail.com
199	19481A05O8	DeepikaVeeramachaneni	janadeepika2002@gmail.com
200	19481A05P1	DeepakVeluri	deepaksai0104@gmail.com

  
Co-ordinator

  
Head, CSE Department  
Computer Science and Engineering  
Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLERU - 521 356

  
Principal  
**PRINCIPAL**  
Gudlavalleru Engineering College  
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**

#### **Summary Report on Value Added Course titled “Linux System Administration in Computer Science & Engineering” 14-09-2020 and 26-09-2020**

**Title of the course:** “Linux System Administration in Computer Science & Engineering”

**Duration:** 14-09-2020 to 26-09-2020

#### **Resource Persons:**

Dr. P. Pandarinath, Ph. D, Principal, Swarnandhra Institute of Engineering and Technology

#### **Objectives of the program:**

- In this module of Linux course, you will understand Linux architecture in general, booting process, how to install Centos7 OS, system initialization and some basic commands to get started.
- Linux administration covers backups, file restores, disaster recovery, new system builds, hardware maintenance, automation, user maintenance, filesystem housekeeping, application installation and configuration, system security management, and storage management.

#### **Topics Covered:**

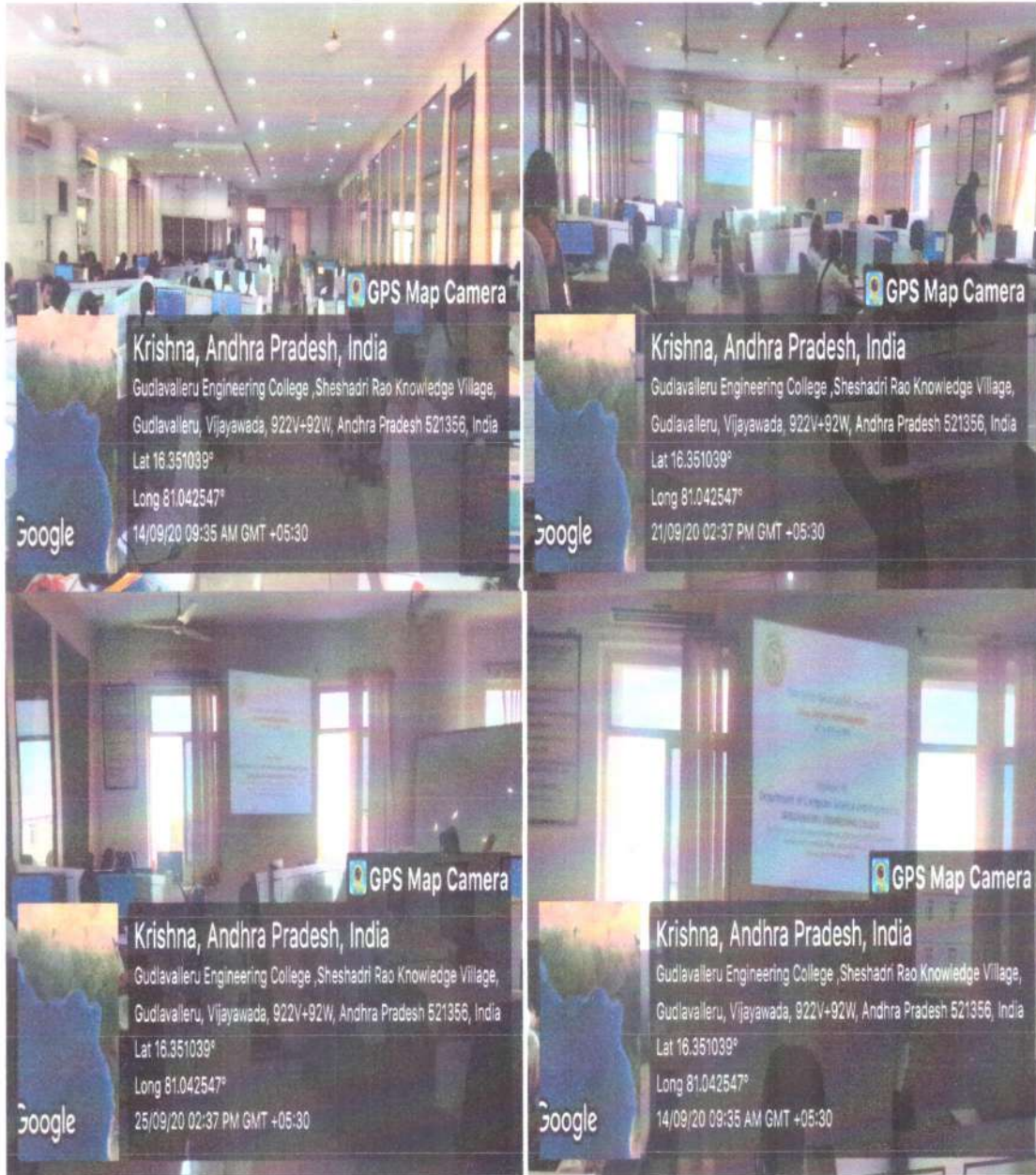
- Introduction to Unix & Linux
- History of Unix & Linux
- Basic Concepts of Operating Systems, Kernel, shell and file system structure
- Basic Concepts of Linux
- Basic Commands of Linux and Advanced Linux Commands

#### **Outcomes of the program:**

- Students are introduced to Linux System Administration.
- Students will be able to Maintain best practices on managing systems and services across all environments
- Students will be able to create and modify scripts or applications to perform tasks.
- Students will be able to learn the commands.

**No. of students enrolled the course:200**

**No. of students completed the course: 197**



  
Faculty Co-ordinator

  
Hod, CSE

  
Principal

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

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- 521356

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## DEPARTMENT OF INFORMATION TECHNOLOGY

### CIRCULAR

Date: 28-09-2020

The department of Information Technology is organizing a Value-Added Course on "AWS Cloud Practitioner" in Information Technology from 05-10-2020 to 25-10-2020 by **A. Koteswaramma, Assistant Professor of IT** for UG students of all the branches in virtual mode using Microsoft Teams. Hence all the IV year B.Tech students are informed to enroll and attend the course without fail.

  
HOD(I/c)

  
Principal

Copy to

CE 

EEE 

ME 

ECE 

CSE 

IT 

MBA 





**A THREE WEEK  
VALUE ADDED COURSE**

**on  
"AWS CloudPractitioner"**

**5<sup>th</sup>OCT-25<sup>th</sup>OCT, 2020**



**Organized by**

**Department of Information Technology**

**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

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

**Chief Patrons:**

**Dr. Nageswara Rao Vallurupalli**

*-Chairman, AANM & VVRSR.*

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

**Convenor:**

**Dr. Ch. Kavitha**, Assoc. Prof & HOD

**Organizing Committee:**

**Coordinator:**

Smt. M. Divya Sumithra, Asst. Prof.

Mobile: 9848864158

**About 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.

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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. 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 Persons:**

- A. Koteswaramma, Assistant professor, SRGEC, Gudlavalleru.

**Objective of the Program:**

- Recognize the purpose of the AWS Academy Cloud Foundations course.

**Topics:****Cloud concepts**

- Cloud economics and billing
- AWS Global Infrastructure
- AWS Cloud security
- Networking and content delivery
- Computation

**Platform:**

Microsoft Teams

Eligibility: All IV B. Tech Students

Registration is free

**About the course:**

The Amazon Web Services (AWS) provides computing resources and services that you can use to build applications within minutes at pay-as-you-go pricing. For example, you can rent a server on AWS that you can connect to, configure, secure, and run just as you would a physical server. The difference is the virtual server runs on top of a planet-scale network managed by AWS. You pay for your virtual server only while it runs, with no up-front purchase costs or ongoing maintenance costs. Backed by the AWS network, your virtual server can do things no physical server can, such as automatically scaling into multiple servers when demand for your application increases. Using AWS to build your Internet application is like purchasing electricity from a power company instead of running your own generator, and it provides many of the same benefits: capacity exactly matches your need, you pay only for what you use, economies of scale result in lower costs, and the service is provided by a vendor experienced in running large-scale networks.

**Expected Outcomes of the course:**

After completing this course, you should be able to:

- Define the AWS Cloud.
- Explain the AWS pricing philosophy.
- Identify the global infrastructure components of AWS

**Resource person profile:**

Department: Information Technology College,  
Gudlavalleru Engineering college

Mobile: 7416761317

E-Mail: [koteswari.1201@gmail.com](mailto:koteswari.1201@gmail.com)

Achievements: AWS Educator



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

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**Program Schedule for Value Added Course titled "Amazon Web Services  
Cloud Practitioner" 05-10-2020 to 25-10-2020**

S.No	Dates	Topics to be Covered
1	05/10/2020	<ul style="list-style-type: none"><li>• Introduction about Cloud concepts.</li><li>• Cloud economics and billing</li></ul>
2	06/10/2020	<ul style="list-style-type: none"><li>• AWS Global Infrastructure</li><li>• AWS Cloud security</li></ul>
3	07/10/2020	<ul style="list-style-type: none"><li>• Networking and content delivery</li><li>• Computation</li></ul>
4	08/10/2020	<ul style="list-style-type: none"><li>• Computation</li><li>• Storage &amp; Databases</li></ul>
5	09/10/2020	<ul style="list-style-type: none"><li>• Cloud architecture</li><li>• Automatic scaling and monitoring</li></ul>
6	10/10/2020	<ul style="list-style-type: none"><li>• Classic Data Center</li><li>• Virtualization</li></ul>
7	12/10/2020	<ul style="list-style-type: none"><li>• Cloud and Cloud Computing</li><li>Cloud Computing Service Models</li></ul>
8	13/10/2020	<ul style="list-style-type: none"><li>• Cloud Computing Deployment Models</li></ul>
9	14/10/2020	<ul style="list-style-type: none"><li>• Amazon Web Services (AWS) and its Benefits</li><li>AWS Global Infrastructure</li></ul>
10	15/10/2020	<ul style="list-style-type: none"><li>• AWS Regions and Replication of data between the Regions</li><li>Availability Zones and High Availability</li></ul>
11	16/10/2020	<ul style="list-style-type: none"><li>• Hands-On</li><li>Explore Management Console and AWS CLI</li></ul>
12	17/10/2020	<ul style="list-style-type: none"><li>• Different Amazon Web Services</li></ul>
13	19/10/2020	<ul style="list-style-type: none"><li>• Signup an AWS Free Tier Account</li></ul>
14	20/10/2020	<ul style="list-style-type: none"><li>• AWS Regions and Replication of data</li></ul>
15	21/10/2020	<ul style="list-style-type: none"><li>• Hands-On</li><li>Explore Management Console and AWS CLI</li></ul>
16	22/10/2020	<ul style="list-style-type: none"><li>• Compute and Related Features</li></ul>
17	23/10/2020	<ul style="list-style-type: none"><li>• Storage services</li></ul>
18	24/10/2020	<ul style="list-style-type: none"><li>• VPC Network and Content Delivery</li><li>• Ways to access AWS: CLI, Console, and SDKs</li></ul>

  
Coordinator

  
HOD, IT

  
Principal





## GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation To JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru, Krishna (Dt), Andhra Pradesh 521356.

### List of Students Enrolled for the Value-Added Course titled "AWS Cloud Practitioner" 05-10-2020 and 25-10-2020

S.no	Roll Number	Name of the Student	E- Mail ID
1	17481A1201	ABDUL KALAM	abdulkalam9493@gmail.com
2	17481A1202	ACHANTA HARIKA SWETA	harikaswethaachanta@gmail.com
3	17481A1203	ALLURI SOWMYA	alluri.sowmya21@gmail.com
4	17481A1204	ALURI DEEPTHI	deepthialuri980@gmail.com
5	17481A1205	ARAJA NAGA DIVYA	anagadivya25@gmail.com
6	17481A1206	AREPALLI DEVIKA GOUD	devikagoud2000@gmail.com
7	17481A1207	ARETI SAIKRISHNA	krishnaareti6@gmail.com
8	17481A1208	B V SHANMUKHA SAI BABU	saishanmukha7@gmail.com
9	17481A1209	BANDAY TEJASWINI	bandaytejaswini@gmail.com
10	17481A1210	BANDI SUSHMA	bandi.sushma1210@gmail.com
11	17481A1211	BATTULA PREMANVITHA	battula.premanvitha21@gmail.com
12	17481A1213	BOLEM HIMA VARSHINI	himavarshiniget@gmail.com
13	17481A1214	CHEBROLU CHANDU	chanduitware@gmail.com
14	17481A1215	CH D L VENKATA SAI SNEHA	chebrolusaisneha@gmail.com
15	17481A1216	CHILUKURI TEJA SREE SAI	tejasreesai1216@gmail.com
16	17481A1218	CHINTADA JAYA SURYA	chintadajayasurya1999@gmail.com
17	17481A1219	CHINTALAPUDI SRI KAVYA	ch.srikavya23@gmail.com
18	17481A1221	CHUNDI SAI KRISHNA	saikrishna21@gmail.com
19	17481A1222	J D S S PRATHYUSHA	prathyushagupta.24@gmail.com
20	17481A1223	D V LAKSHMI KAVYA HARINI	harinidesu30@gmail.com
21	17481A1224	DEVANABOINA USHA RANI	dusharani53@gmail.com
22	17481A1225	DIRISAM RAJINI	rajinidirisam2105@gmail.com
23	17481A1226	GOLLAPUDI SATYAVARSHINI	satyavarshini45@gmail.com
24	17481A1228	JONNALA CHANDANA	guthi.rushitha3@gmail.com
25	17481A1231	JANNU KRUPA	krupajannu.9922@gmail.com
26	17481A1232	Y. JASWANTH SAI	jaswanth193@gmail.com
27	17481A1233	JONNALA CHANDANA	jonnalachandana913@gmail.com
28	17481A1234	KAGITHA SUDARSHAN	sudarshankagitha1999@gmail.com
29	17481A1235	KAKUMANU PRAVEENA	praveena123kakumanu@gmail.com
30	17481A1237	KODALI HARSHITHA	kodaliharshitha17@gmail.com
31	17481A1239	KOLLI JASWANI	jaswani.kolli@gmail.com
32	17481A1244	KUNAPAREDDY NIHARIKA	Kunapareddyniharika10@gmail.com
33	17481A1245	K PAVANKUMAR REDDY	pavankumarroyalreddy@gmail.com
34	17481A1246	LUKKA JYOTHIRMAI	jyothilukka31@gmail.com
35	17481A1248	MATTA RAMYA SRAVANI	mattaramyasravani1248@gmail.com
36	17481A1249	MENDADALA MONIKA RANI	monika0903.m@gmail.com
37	17481A1250	MOHAMMAD GOUSE KHAN	gousekhan78654@gmail.com
38	17481A1253	MYNENI SRIMANTH	srimanthmyneni@gmail.com
39	17481A1254	NADIGADDA SHAFIYABI	nadigaddashafi123@gmail.com
40	17481A1256	N GEETHA NAGA GOWRI	geethanowluri.8@gmail.com



41	17481A1260	PANJALA GEETHANJALI	geethanjali.3.panjala@gmail.com
42	17481A1261	PATHALAPALLI KARUNA	pathalapallikaruna@gmail.com
43	17481A1262	PERAM SAI MANJU	saimanju107@gmail.com
44	17481A1263	PONIPIREDDY VANDANA	vandana.ponipi@gmail.com
45	17481A1264	PBALA VAMSI SRI CHARAN	vamsichowdary443@gmail.com
46	17481A1265	P SANTHOSHI RUPADEVI	santhoshirupa29@gmail.com
47	17481A1267	POTNURI DAKSHAYANI	potnuridakshayani18@gmail.com
48	17481A1268	PRATHIBHA GADIREDDY	prathibha19994@gmail.com
49	17481A1270	PULIPATI CHANDRASEKHAR	chandra789.sekhar@gmail.com
50	17481A1272	R ARAVINDA MANIKANTA	manikantarajulapati12@gmail.com
51	17481A1273	RAJULAPATI TANUJA	r.tanujaitsme@gmail.com
52	17481A1275	RAVURI MAHESH	maheshdravuri@gmail.com
53	17481A1277	S LAKSHMI NARAYANA	lakshminarayanasadadi@gmail.com
54	17481A1280	TADISETTY NAVYA	navyatadisetty2017@gmail.com
55	17481A1285	VALLABHANENI RASAGNA	rasagnavallabhaneni@gmail.com
56	17481A1286	VALLEPALLI SATISH	satish.vallepalli@gmail.com
57	17481A1288	VEMURI LIKHITHA	likhithavemuri1@gmail.com
58	17481A1289	VURA T N V KRISHNA PRIYA	vrakrishnapriya110@gmail.com
59	17481A1290	VUYYURU GEETHA NAGA SAI	geethavuyyuru99@gmail.com
60	17481A1292	ALLAMSETTY PREETHIEKA	preethiekaallamsetty@gmail.com
61	17481A1293	KUMKAPALLA CHINMAI DEVI	Chinmaidevi2000@gmail.com
62	17481A1294	V SAILAKSHMI JAHNAVI	jahnnavivelagapudi123@gmail.com
63	17481A1295	SANGOJU HARIPREETHAM	sangojuhari65@gmail.com
64	17481A1298	PARIMI SUBBA RAO	parimi.subbu123@gmail.com
65	17481A12A1	PULLEPU SRAVYA HARINI	pullepu.sravya@gmail.com
66	17481A12A2	PAMARTHI MANOGNA REKHA	manognapamarthi@gmail.com
67	17481A12A3	LOYA SAI VAMSI	loyasaivamsi@gmail.com
68	17481A12A6	M.RAJA RAJESWARI	Rajeswari.m@gmail.com
69	17481A12A7	ALAPARTHI MANEESHA	alaparthi.maneesha@gmail.com
70	17481A12A8	I.CHANDRA SEKHAR	indelachandu@gmail.com
71	17481A12A9	BALE KEERTHI	keerthibale19999@gmail.com
72	17481A12B0	KANUBOINA SREEDHAR	sreedharkanuboina@gmail.com
73	17481A12A0	DASARI GAYATRI DEVI	dasari gayatri devi@gmail.com
74	17481A12A1	PULLEPU SRAVYA HARINI	pullepu sravya harini@gmail.com
75	17481A12A2	P MANOGNA REKHA	p.manogna rekha@gmail.com
76	17481A12A3	LOYA SAI VAMSI	loya sai vamsi@gmail.com
77	17481A12A5	AYNENI VENKATA NARESH	ayneni venkata naresh@gmail.com
78	17481A12A6	MAREDDY RAJARAJESWARI	mareddy rajarajeswari@gmail.com
79	17481A12A7	ALAPARTHI MANEESHA	alaparthi maneesha@gmail.com
80	17481A12A8	I CHANDRASEKHAR REDDY	chandrasedkhar reddy.i@gmail.com
81	17481A12A9	BALE KEERTHI	bale keerthi@gmail.com
82	17481A12B0	KANUBOINA SREEDHAR	kanuboina sreedhar@gmail.com
83	17481A12B2	D NAGAMALLIKA	nagamallika@gmail.com
84	16481A12A0	TODATE DHANA LAKSHMI	dhana.lakshmi@gmail.com

M. D. Srinivas  
Coordinator

HOD, IT

Principal



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

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**Summary Report on Value Added Course titled "Amazon Web Services Cloud Practitioner" 05-10-2020 and 25-10-2020**

**Title of the course:** Amazon Web Services Cloud Practitioner

**Duration:** 05-10-2020 and 25-10-2020

**Resource Persons:**

- Mrs. A. Koteswaramma, Gudlavalleru, Engineering College, Gudlavalleru,

**Objectives of the program:**

- Recognize the purpose of the AWS Academy Cloud Foundations course.

**Topics Covered:**

- Cloud concepts
- Cloud economics and billing
- AWS Global Infrastructure
- AWS Cloud security
- Networking and content delivery
- Computation
- Storage
- Databases
- Cloud architecture
- Automatic scaling and monitoring

**Outcomes of the program:**

After completing this course, you should be able to:

- Define the AWS Cloud.
- Explain the AWS pricing philosophy.
- Identify the global infrastructure components of AWS


**No. of students enrolled the course: 84**

**No. of students completed the course: 82**





M. D. Naitika  
Coordinator

  
HOD; IT

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



# GUDLAVALLERU ENGINEERING COLLEGE

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

\*\*\*\*\*

## DEPARTMENT OF INFORMATION TECHNOLOGY

### CIRCULAR

Date: 24-12-2020

The department of Information Technology is organizing a Value-Added Course on "Blue Prism Foundation" in Information technology from 28-12-2020 to 09-01-2021 by Mrs. Ch.Pooja Rani, Assistant Professor, IT for UG students of all the branches in virtual mode using Microsoft Teams. Hence all the II B. Tech students are informed to enroll and attend the course without fail.

  
HOD, IT

  
Principal

Copy to

CE

EEE

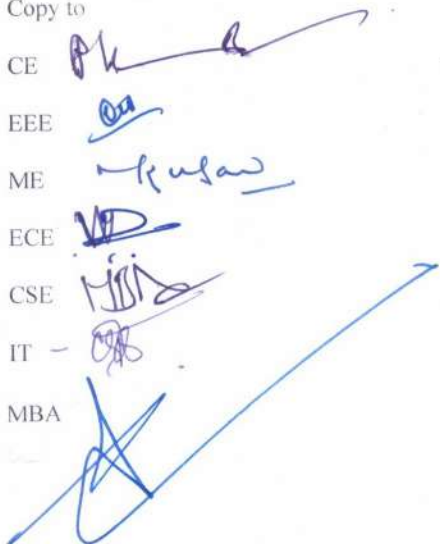
ME

ECE

CSE

IT -

MBA





A TWO WEEK  
VALUE ADDED COURSE  
ON

"Blue Prism Foundation"  
28<sup>th</sup> DEC, 2020 - 09<sup>th</sup> JAN, 2021



Organized by

Department of Information Technology

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

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

**Chief Patrons:**

Dr. Nageswara Rao Vallurupalli,

-Chairman, AANM & VVRSR

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

**Convenor:**

Dr. Ch. Kavitha, Assoc. Prof & HOD

**Organizing Committee:**

**Coordinator:**

Smt. M. Divya Sumithra, Asst. Prof.

Mobile: 9848864158

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#### Resource Persons:

- Ch. Pooja Rani, Assistant professor,  
SRGEC, Gudlavalleru,  
Ph No: 7416761317

#### Objective of the Program:

- This course is aimed at an audience interested in Robotic Process Automation

#### Topics:

- Process Studio
- Introduction to Process Flow
- Introduction to Inputs and Outputs
- Business Objects
- Object Studio
- Exception Management Overview
- Exception Handling
- Additional Features

#### Platform:

Microsoft Teams

**Eligibility:** All III B. Tech Students

**Registration is free**

#### About the course:

Blue Prism is the global leader in robotic process automation (RPA) and intelligent automation for the enterprise, transforming the way work is done by empowering businesses to automate time-intensive, mundane tasks and to help free-up their employees to be more creative and innovative.

In this course, Blue Prism Foundation Training provides a comprehensive introduction to all of the key concepts and activities associated with configuring a Blue Prism Process Solution. It is also the principal activity on the Developer up skilling pathway, should learners wish to attain certified Developer status.

Over the course of 12 guided weeks you will learn how to build, test, publish and manage Blue Prism process automation.

With a comprehensive learning experience ensured via our joint approach to delivery: -The Course era platform will provide you with instructions for each week in the form of video demos and activity sheets, which will also explain each of the technical concepts you will encounter -You will then put this knowledge into practice, by building your own process automation within Blue Prism -The training concludes with an extended exercise for consolidating your skills and with signposting to further learning This course contains subtitles in English, Japanese, Simplified Chinese, Russian, Spanish, French, Portuguese and German.

#### Expected Outcomes of the course:

After completing this course, Students will be able to:

- Gain foundational knowledge of Blue Prism development
- Use or understanding of the process studio
- Use or understanding of process flow
- Use or understanding of inputs and outputs
- Use or understanding of business objects

#### Resource person profile:



Department: Information Technology  
College: Gudlavalleru Engineering College  
Mobile: 7382027693  
E-Mail: [cheerlapoojarani@gmail.com](mailto:cheerlapoojarani@gmail.com)  
Achievements: Blue Prism Trainer

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



## GUDLAVALLERU ENGINEERING COLLEGE

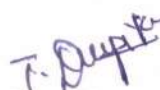
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Seshadri Rao Knowledge Village, Gudlavalleru

### DEPARTMENT OF INFORMATION TECHNOLOGY

**Program Schedule for Value Added Course titled "Blue Prism Foundation"**  
**28-12-2020 to 09-01-2021**

S.No	Dates	Topics to be Covered
1	28/12/2020	<ul style="list-style-type: none"><li>Fundamentals of Robotic Process Automation</li></ul>
2	29/12/2020	<ul style="list-style-type: none"><li>Creating RPA solutions with blue prism</li></ul>
3	30/12/2020	<ul style="list-style-type: none"><li>Blue prism infrastructure setup</li></ul>
4	31/12/2020	<ul style="list-style-type: none"><li>Develop Blue prism software &amp; methodology</li></ul>
5	02/01/2021	<ul style="list-style-type: none"><li>Explain about the process studio &amp; process flow</li></ul>
6	02/01/2021	<ul style="list-style-type: none"><li>Introduction to work queue</li></ul>
7	03/01/2021	<ul style="list-style-type: none"><li>Creation of business object studio</li></ul>
8	04/01/2021	<ul style="list-style-type: none"><li>Overview of Error and Case Management</li></ul>
9	05/01/2021	<ul style="list-style-type: none"><li>Consideration of Error and Case Management</li></ul>
10	06/01/2021	<ul style="list-style-type: none"><li>Working with additional features on Blue prism</li></ul>
11	07/01/2021	<ul style="list-style-type: none"><li>Practice the consolidation exercise and advanced features</li></ul>
12	08/01/2021	<ul style="list-style-type: none"><li>Build practical skills for end-to end</li></ul>
13	09/01/2021	<ul style="list-style-type: none"><li>Blue prism automation</li></ul>

  
Coordinator

  
HOD, IT

  
Principal





## GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru, Krishna (Dt), Andhra Pradesh 521356.

### List of Students Enrolled for the Value-Added Course titled "Blue Prism Foundation" 28-12-2020 to 09-01-2021

S.no	Roll Number	Name of the Student	E- Mail ID
1	19481A1201	ABHISHEK ENIKEPALLI	abhishek enikepalli201 @gmail.com
2	19481A1202	DIVYA NAGANANDU	divyaitsme1@gmail.com
3	19481A1204	ABHUVANESWARI	Bhuvane2000@gmail.com
4	19481A1205	A TEJA SRI RAMA	d.ramateja @gmail.com
5	19481A1207	A SRIKRISHNA	srikrish25@gmail.com
6	19481A1209	BAVIREDDY SAI KIRAN	saikiranbavireddy02@gmail.com
7	19481A1210	B JAYA NAGA KISHORE	kishorerocks6@gmail.com
8	19481A1215	CHEERLA SRI THARUN	tharunit7@gmail.com
9	19481A1218	CH YASASWINI	yashgecit@gmail.com
10	19481A1219	D M K V SUBBA RAO	subbaraod@gmail.com
11	19481A1223	DASARI SAI PHANEENDRA	Phaneendrasai.09@gmail.com
12	19481A1225	DOKKU LAKSHMI MANASA	Laksmimanasa225@gmail.com
13	19481A1228	ENIKEPALLI SAI KISHORE	Kishore.itgec2@gmail.com
14	19481A1229	GABBITA SAI SRINIVAS	srinivasgabbita@gmail.com
15	19481A1231	G GOPI KRISHNA REDDY	krishnareddy1231@gmail.com
16	19481A1233	G DURGA SATYA KIRAN	satyakiran33@gmail.com
17	19481A1234	GOLI SRAVANA LAKSHMI	golisravanalakshmi2@gmail.com
18	19481A1235	G H SIVA SATYAVATHI	Satyavathi35@gmail.com
19	19481A1243	JETTI SWATHI	swathijetti.43@gmail.com
20	19481A1248	K SRAVAN KUMAR	sravank48@gmail.com
21	19481A1249	K HEMANTH KUMAR	hemanth49@gmail.com
22	19481A1250	KANNA VASANTHI	Vasanthikanna1250@gmail.com
23	19481A1254	KATURI MANOJ BABU	manojbabu54@gmail.com
24	19481A1256	KESARLA ANUSHA	Kesaralaanusha223@gmail.com
25	19481A1257	KOTE MANASWI	manaswik.99@gmail.com
26	19481A1263	M SRINIVAS KALYAN	Jsrinivaskalyan63@gmail.com
27	19481A1264	MAJJI PAVAN KUMAR	Majjipavan199@gmail.com
28	19481A1262	M VENKATA LAKSHMI	Venkatalakshmi2000@gmail.com
29	19481A1265	MANDALAPU NAGA SIVA	nagasiva.9@gmail.com
30	19481A1266	M KRISHNA KUMARI	Krishnakumari66@gmail.com
31	19481A1269	MEKA SRI LAKSHMI	Lakshmi.meka@gmail.com
32	19481A1272	MOHAMMED ASMATHULLA	Mohammeditgec.72@gmail.com
33	19481A1274	M SASI SAI MANOJ	Manojasai.10@gmail.com
34	19481A1276	MUNGARA BHAVANA	Bhavana.mungara@gmail.com
35	19481A1277	MUTYAM CHAITANYA	Chaitanya.m@gmail.com
36	19481A1279	NAHEED BASHEER	naheedbasheer1279@gmail.com
37	19481A1281	N DURGA PRASAD	durgaprasad09@gmail.com
38	19481A1290	PALANKI NITHYA SRI	Nithyasri.it@gmail.com
39	19481A12A0	POTHANA BHARGAVI	Bhargavi.pothana@gmail.com
40	19481A12A7	S KRISHNA CHAITANYA	chaitanya127@gmail.com
41	19481A12A8	SHAIK FARZANA	farzana.shaik@gmail.com
42	19481A12B0	SHAZIYA NAZMI	shaziya.nazmi12@gmail.com
43	19481A12B1	SIMHADRI MADHURI	madhursimhadri@gmail.com
44	19481A12B4	TALASILA SRI DIVYA	sridivya1012@gmail.com
45	19481A12B9	VAMSI NATTA	vamsi.natta2019@gmail.com



46	19481A12C1	V B VENKATA SAI KISHORE	Kishore19@gmail.com
47	19481A12C2	VEERABATHINA PUJITHA	Pujitha.veerabathina@gmail.com
48	19481A12C3	V SRI AKHIL SAI	Akhil.999@gmail.com
49	19481A12C4	VELPULA SRAVANI	Sravani.velpula@gmail.com
50	19481A12C5	YANAMALA RAJ KUMAR	Rajkumar.99@gmail.com
51	19481A12C7	Y VENKATA JAGADEESH	jagadeeshyit12@gmail.com
52	20485A1201	DAVU PAVAN KUMAR	Pavankumargec19@gmail.com
53	20485A1207	POLANA SPANDANA	Spandana.polana12@gmail.com
54	20485A1208	PURITIPATI CHARISHMA	Charishma.puritipati@gmail.com
55	20485A1212	V N MANIKANTA SWAMI	maniswami2003@gmail.com
56	19481A1272	MOHAMMED ASMATHULLA	md asmathulla@gmail.com
57	19481A1273	MOTAMARRI VASAVI AMRUTHA	vasavi amrutha@gmail.com
58	19481A1274	M SASI SAI MANOJ	m sasi sai manoj@gmail.com
59	19481A1275	MUNDLA BHANUPRAKASH	mundla bhanuprakash@gmail.com
60	19481A1276	MUNGARA BHAVANA	mungara bhavana@gmail.com
61	19481A1277	MUTYAM CHAITANYA	mutyam chaitanya@gmail.com
62	19481A1278	NAGA SAI SRIRAM MATTA	naga sai sriram matta@gmail.com
63	19481A1279	NAHEED BASHEER	naheed basheer@gmail.com
64	19481A1280	NAIDU KRISHNA VAMSI	naidu krishna vamsi@gmail.com
65	19481A1282	NARESH BABU GUNJI	naresh babu gunji@gmail.com
66	19481A1283	NARRA SRI HARSHA VARDHAN	narra sri harsha vardhan@gmail.com
67	19481A1285	NEKKANTI RAVI TEJA	nekkanti ravi teja@gmail.com
68	19481A1284	N JAYA RAMA KRISHNA PRASAD	rama krishna prasad@gmail.com
69	19481A1281	N DURGA PRASAD	n durga prasad@gmail.com
70	19481A1287	NITIN KANAKAVALLI	nitin kanakavalli@gmail.com
71	19481A1288	NUKALA GEETHIKA	nukala geethika@gmail.com
72	19481A1289	NUKALA HARSHA VARDHAN	nukala harsha vardhan@gmail.com
73	19481A1290	PALANKI NITHYA SRI	palanki nithya sri@gmail.com
74	19481A12A0	POTHANA BHARGAVI	pothana bhargavi@gmail.com
75	19481A12A7	S KRISHNA CHAITANYA	s krishna chaitanya@gmail.com
76	19481A12A8	SHAIK FARZANA	shaik farzana@gmail.com
77	19481A12B0	SHAZIYA NAZMI	shaziya nazmi@gmail.com
78	19481A12B1	SIMHADRI MADHURI	simhadri madhuri@gmail.com
79	19481A12B4	TALASILA SRI DIVYA	talasila sri divya@gmail.com
80	19481A12B9	VAMSI NATTA	vamsi natta@gmail.com
81	19481A12C1	V B VENKATA SAI KISHORE	v b venkata sai kishore@gmail.com
82	19481A12C2	VEERABATHINA PUJITHA	veerabathina pujitha@gmail.com
83	19481A12C3	V SRI AKHIL SAI	v sri akhil sai@gmail.com
84	19481A12C4	VELPULA SRAVANI	velpula sravani@gmail.com
85	19481A12C5	YANAMALA RAJ KUMAR	yanamala raj kumar@gmail.com
86	19481A12C7	Y VENKATA JAGADEESH	y venkata jagadeesh@gmail.com
87	20485A1201	DAVU PAVAN KUMAR	pavan kumar .d@gmail.com
88	20485A1207	POLANA SPANDANA	spandana@gmail.com
89	20485A1208	PURITIPATI CHARISHMA	charishma@gmail.com
90	20485A1212	V N MANIKANTA SWAMI	manikanta swami@gmail.com

  
Co-ordinator

  
HOD, IT

  
Principal



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

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**Summary Report on Value Added Course titled "Blue Prism Foundation"**  
**28-12- 2020 to 09-01-2021**

**Title of the course:** "Blue Prism Foundation"

**Duration:** 28-12- 2020 to 09-01-2021

**Resource Persons:**

- Mrs. Ch.Pooja Rani, Gudlavalleru, Engineering College, Gudlavalleru,

**Objectives of the program:**

- This Course is aimed at an audience interested in Robotic Process Automation

**Topics Covered:**

- Introduction
- Process Studio
- Process Flow
- Inputs and Outputs
- Business Objects
- Object Studio
- Overview of Error and Case Management
- Case Management
- Additional features
- Consolidation exercise
- Advanced features

**Outcomes of the program:**

After completing this course, you should be able to:

- Gain Foundational knowledge of Blue Prism Development
- Elaborate the Process studio
- Explain the Process Flow
- Describe the Inputs and Outputs
- Implements business objects.

**No. of students enrolled the course: 90**

**No. of students completed the course: 85**





*T. Deyprite*  
COORDINATOR

*QK*  
HOD, IT

*[Signature]*  
**PRINCIPAL**  
Gudlavaluru Engineering College  
Seshadri Rao Knowledge Village  
Gudlavaluru - 521 356, Andhra Pradesh, India





# GUDLAVALLERU ENGINEERING COLLEGE

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

Seshadri Rao Knowledge Village, Gudlavalluru- 521356

\*\*\*\*\*

## DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 25-05-2021

The department of Information Technology is organizing Value-Added Course on **"Introduction to Networks"** in Information technology from 01-06-2021 to 15-06-2021 by **Mr. T. Balaji**, Assistant Professor, IT for UG students of all the branches. Hence all the III B. Tech students are informed to enroll and attend the course without fail.

  
HOD, IT

Copy to

    
CE/EEE/ME/ECE/CSE/IT/ /MBA

  
Principal

**PRINCIPAL**  
Gudlavalluru Engineering College  
Seshadri Rao Knowledge Village  
Gudlavalluru- 521356, Kakinada District, A.P.



**A TWO WEEK  
VALUE ADDED COURSE  
ON  
"Introduction to Networks"  
1<sup>st</sup> JUNE-15<sup>th</sup> JUNE, 2021**



**Organized by**

**Department of Information Technology**

**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

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

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

**Convenor:**

**Dr. Ch. Kavitha, Assoc. Prof & HOD**

**Organizing Committee:**

**Coordinator:**

**Smt. M. Divya Sumithra, Asst. Prof.**

**Mobile: 9848864158**

**About 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.

**About the Department:**

The Department of Information Technology is established in the year 1999 and the present intake of the department is 120 in U.G. The Department was accredited by NBA and under Tier-I in the year 2019. 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 Persons:**

- Mr. T. Balaji, Assistant professor,  
SRGEC, Gudlavalluru,  
Ph No: 9966895191

**Objective of the Program:**

- To gain the knowledge about  
Connection among Network Devices  
and their Security.

**Topics:**

- Configure switches and end devices to provide access to local and remote network resources.
- Explain how physical and data link layer protocols support the operation of Ethernet in a switched network.
- Configure routers to enable end-to-end connectivity between remote devices.
- Create IPv4 and IPv6 addressing schemes and verifies network connectivity between devices. Explain how the upper layers of the OSI model support network applications.

**Platform:**

Microsoft Teams

**Eligibility:** All III B. Tech Students

**Registration is free**

**About the course:**

Begin preparing for a networking career with this introduction to how networks operate. This first course in the 3-course CCNA series introduces architectures, models, protocols, and networking elements – functions needed to support the operations and priorities of Fortune 500 companies to small innovative retailers.

You'll even get the chance to build simple local area networks (LANs). Developing a working knowledge of IP addressing schemes, foundational network security, you'll be able to perform basic configurations for routers and switches.

Start learning the basics of computer networking and discover how networks operate.

**Expected Outcomes of the course:**

Students will be able

- To provide connectivity between remote devices.
- Configure a small network with security of OSI layers.

**Resource Person profile:**



**Name of the Faculty:** Balaji Tedia

**Department:** Information Technology

**College:** Seshadri Rao Gudlavalluru Engineering College

**Mobile:** 9966895191

**E-Mail:** [Balajitedia@gmail.com](mailto:Balajitedia@gmail.com)

**Achievements:** Networks Trainer

**PRINCIPAL**

**Gudlavalluru Engineering College**  
**Seshadri Rao Knowledge Village**  
**Gudlavalluru - 521 358, Krishna District. A.P.**





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


**Department of Information Technology**

**Program Schedule for Value Added Course titled "Introduction to Networks"**  
**01-06-2021 to 15-06-2021**

S.No	Dates	Topics to be Covered
1	01-06-2021	<ul style="list-style-type: none"><li>• Introduction about</li><li>• Configure the switches and end devices</li></ul>
2	02-06-2021	<ul style="list-style-type: none"><li>• provide access to remote network resources</li></ul>
3	03-06-2021	<ul style="list-style-type: none"><li>• Data link layer protocols and its work</li></ul>
4	04-06-2021	<ul style="list-style-type: none"><li>• Support the operation of Ethernet in a switched network</li></ul>
5	05-06-2021	<ul style="list-style-type: none"><li>• Configure the routers among devices</li></ul>
6	07-06-2021	<ul style="list-style-type: none"><li>• To establish end-to-end connectivity between remote devices.</li></ul>
7	08-06-2021	<ul style="list-style-type: none"><li>• Create addressing schemes and Verify network</li></ul>
8	09-06-2021	<ul style="list-style-type: none"><li>• About the upper layers of the OSI model</li></ul>
9	10-06-2021	<ul style="list-style-type: none"><li>• Configure a small network with security.</li></ul>
10	11-06-2021	<ul style="list-style-type: none"><li>• Create Troubleshoot connection.</li></ul>
11	14-06-2021	<ul style="list-style-type: none"><li>• Routing Algorithms, Hands on.</li></ul>
12	15-06-2021	<ul style="list-style-type: none"><li>• Hands on</li></ul>

  
Coordinator

  
HOD, IT

  
Principal



## GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation To JNTUK, Kakinada)  
SeshadriRao Knowledge Village, Gudlavalleru, Krishna (Dt), Andhra Pradesh 521356.

**List of Students Enrolled for the Value-Added Course titled Introduction to Networks"**  
**01-06-2021 to 15-06-2021**


S.no	Roll Number	Name of the Student	E- Mail ID
1	18481A1202	ABBURI SUPRAJA	abburi.supraja01@gmail.com
2	18481A1203	ACHANTA PRABHU KIRAN	Prabhuachanta1203@gmail.com
3	18481A1205	ADDEPALLI GEETANJALI	addepalligeetanjali@gmail.com
4	18481A1206	ADI VAMSIPRIYA	Adivamsipriya.06@gmail.com
5	18481A1211	ANNE LAKSHMI MADHULIKA	Madhulika. annelakshmi@gmail.com
6	18481A1213	ATTI UDAY VARDHAN	Vardhan1995@gmail.com
7	18481A1215	BACHINA ANJANA PRIYA	bachinapriyasmile@gmail.com
8	18481A1220	CHAPARALA EESHITHA	Chaparala.eekshitha@gmail.com
9	18481A1221	DANAM VENKATA SIVA SAI KUMAR	danam.sai kumar05@gmail.com
10	18481A1223	DASI UDAY KIRAN	udaykirangecit@gmail.com
11	18481A1225	DONE MANASA	Manasa.done1225@gmail.com
12	18481A1227	EDE SOWMYA	Sowmya.ede1227@gmail.com
13	18481A1228	GADDE YAMUNA SRI	yamunasrigitsme@gmail.com
14	18481A1229	G MADHU SAMPATH KUMAR	sampathkumar.gariganti@gmail.com
15	18481A1230	GARNEPUDI ASHOK	garnepudi.ashok1230@gmail.com
16	18481A1237	HARSHAVARDHAN AMBATI	harshavardhan.ambati7@gmail.com
17	18481A1238	J M VDSAIRINIVAS	saisrinivasit38@gmail.com
18	18481A1244	KATEPALLI PRIYANKA	katepalli.priyanka1244@gmail.com
19	18481A1245	KHAGGA NAGARAJU	khagga.nagaraju11@gmail.com
20	18481A1249	KOTTAPALLI SAI TRIVENI	Ksairiveni1249@gmail.com
21	18481A1250	KUKATLA THRIVENI	kukatlathriveni.9@gmail.com
22	18481A1252	KUMBHAM SRAVANI	sravani.kumbham@gmail.com
23	18481A1255	LANKA SAIRAM	sairamgec55@gmail.com
24	19485A1201	PRATHI SAI KRISHNA VAMSI	krishnavamsi.001@gmail.com
25	19485A1202	ABDUL GOWSIYA BEGUM	begumgecit2@gmail.com
26	19485A1208	PUJARI MITHIN KUMAR REDDY	kumarreddy.pujari@gmail.com
27	19485A1209	MOTAPARTI LAVANYA	motapartilavanya@gmail.com
28	18481A1257	MADATHALA SANDEEP REDDY	sandeepreddy. madathala2@gmail.com
29	18481A1259	MADU NAVYASRI	navyasrim12@gmail.com
30	18481A1266	MARUBOYINA HEMA LATHA	hemalatha.maruboyina@gmail.com
31	18481A1267	MEDANKI PAVANI	pavani.medanki99@gmail.com
32	18481A1268	MEDASANI SAI JYOTHIKA	saijyothika.medasani@gmail.com
33	18481A1272	MUGATA HIMA BINDU	mugata.himabindu@gmail.com
34	18481A1276	NARALASETTY NIKHILA	naralasetty.nikhila@gmail.com
35	18481A1279	NERUSU UDAY KIRAN	udaykiran. nerusu@gmail.com
36	18481A1284	POSINA SRI RAGHURAM	Posinaraghuram90@gmail.com
37	18481A1285	RAYAPATI NAGAMANI	nagamani.itgec1@gmail.com
38	18481A1288	SHAIK AZEEZ	azeez.shaik1288@gmail.com
39	18481A1289	SINGAVARAPU MAYUKA	Singavarapu.mayuka99@gmail.com
40	18481A1294	THAMMU CHANDAN	thammu.chandan9@gmail.com
41	18481A1295	THOTA RAVI KIRAN	Thotaravikiran95@gmail.com
42	18481A12A0	VALLAMKONDA MANEESHA	maneesha.vallamkonda12@gmail.com
43	18481A12A1	VALLARAPU YASASWINI	vallarapu.yasaswini@gmail.com
44	18481A12A3	VEERLA NAGA THRIVENI	nagathriveni. veerla@gmail.com



45	18481A12A4	VEMAVARAPU SRI PRAHARSHITHA	praharshitha.smily@gmail.com
46	18481A12A5	VEMULA BHANU SRI	bhanusri.vemula@gmail.com
47	18481A12A6	VEMURI BHARGAVI	vemuri.bhargavi12@gmail.com
48	18481A12A8	V S NAGA KRISHNA SAI PAVAN	nkrishnasai.gecit@gmail.com
49	18481A12A9	VURIMI SAI MANOJ KUMAR	manojasai.1992@gmail.com
50	18481A12B0	YALLAMELLI CHANDRA PRAKASH	chandraprakash.yallamelli@gmail.com
51	19485A1211	NARADALA VIJAYA DURGA	vijayadurga.naradala9@gmail.com
52	19485A1212	KONIJETI HEMANTH VENKATA KUMAR	konijetihemanthvenkat1993@gmail.com
53	19485A1215	DULIPUDI VENKATA SAI RAM	dulipudisairam15@gmail.com
54	19485A1216	SIDDABATHULA NAGA SIRISHA	Sirisha.siddabathula1@gmail.com
55	19485A1217	DEVABATTULA SUNIL	devabattula.sunil12@gmail.com
56	18481A1216	B NAGA SAI JASWANTH	bnaga sai jaswanth@gmail.com
57	18481A1217	BAYYARAPU RAJA BABU	bayyarapu raja babu@gmail.com
58	18481A1218	BHOGADI PRANATHI	bhogadi pranathi@gmail.com
59	18481A1219	BOGEM SRINIVASARAO	bogem srinivasarao@gmail.com
60	18481A1226	E V SAI LOKESH	ev sai lokesh@gmail.com
61	18481A1231	G MANOJ VARMA	gmanoj varma@gmail.com
62	18481A1232	GOLLAPALLI DIVYA	gollapalli divya@gmail.com
63	18481A1233	GORIPARTHI KEERTHI	goriparthi keerthi@gmail.com
64	18481A1234	GUDDATI MANIKANTA	guddati manikanta@gmail.com
65	18481A1235	G VARA PRASAD	gvara prasad@gmail.com
66	18481A1236	GUTTIKONDA MEGHANA	guttikonda meghana@gmail.com
67	18481A1261	M D N V SAI PRASANTHI	mdnvsai prasanthi@gmail.com
68	18481A1262	MANDA PRAHARSHA	manda praharsha@gmail.com
69	18481A1263	MANDADAPU NAVEEN	mandadapu naveen@gmail.com
70	18481A1264	MANDARAPU LALITH	mandarapu lalith@gmail.com
71	18481A1265	MANTI LEELA PAVAN	manti leela pavan@gmail.com
72	18481A1269	MENDA AISWARYA	menda aiswarya@gmail.com
73	18481A1270	M DURGA MAHESH	durga mahesh@gmail.com
74	18481A1271	MOTURI SOUMYA	moturi soumya@gmail.com
75	18481A1272	MUGATA HIMA BINDU	mugata hima bindu@gmail.com
76	18481A1273	MUPPIDI HEMA REDDY	muppidi hema reddy@gmail.com
77	18481A1274	NAAHEED KULSUM	naaheed kulsum@gmail.com
78	18481A1275	N MOHITH KUMAR	mohith kumar@gmail.com
79	18481A1277	N NARAYANA REDDY	narayana reddy@gmail.com
80	18481A1278	N LAKSHMI JAHNAVI	lakshmi jahnavi@gmail.com

  
Co-ordinator

  
HOD,IT

  
Principal





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

## **Department of Information Technology**

### **Summary Report on Value Added Course titled "Introduction to Networks"** **01-06-2021 to 15-06-2021**

**Title of the course:** "Introduction to Networks"

**Duration:** 01-06-2021 to 15-06-2021

#### **Resource Persons:**

- Mr. T.Balaji, Gudlavalleru, Engineering College, Gudlavalleru,

#### **Objectives of the program:**

- To gain the knowledge about Connection among Network Devices and their Security.

#### **Topics Covered:**

- Configure switches and end devices to provide access to local and remote network resources.
- Explain how physical and data link layer protocols support the operation of Ethernet in a switched network.
- Configure routers to enable end-to-end connectivity between remote devices.
- Create IPv4 and IPv6 addressing schemes and verifies network connectivity between devices.
- Explain how the upper layers of the OSI model support network applications.
- Configure a small network with security best practices.
- Troubleshoot connectivity in a small network

#### **Outcomes of the program:**

After completing this course, Students will be able to

- To provide connectivity between remote devices.
- Configure a small network with security of OSI layers.

**No. of students enrolled the course: 80**

**No. of students completed the course: 70**



*B. Srinivasulu*  
COORDINATOR

*[Signature]*  
HOD, IT

*[Signature]*  
**PRINCIPAL**  
Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
Gudlavalleru - 522 302



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

**Department of Computer Science and Engineering**  
(B. Tech in Artificial Intelligence and Data Science)

**CIRCULAR**

**03<sup>rd</sup> June 2021**

This is to inform the students of I B. Tech that the Department of Computer Science and Engineering is organizing two-week value-added course on "Azure Fundamentals" from 07<sup>th</sup> June to 21<sup>st</sup> June 2021. Those who are interested can register their names with the program Co-coordinator Ms. D. Raga Vamsi, Assistant professor, Department of CSE.

  
**HOD, CSE**

Head of the Department  
Computer Science and Engineering  
Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village

GUDLAVALLERU - 521 356

Copy to: CE/EEE/ME/ECE/CSE/IT/

MBA



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





**Two-Week Value-Added Course  
On  
Azure Fundamentals**

7<sup>th</sup> – 21<sup>th</sup> June 2021



*Organized  
by*  
**Department of CSE**

**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute Affiliated to JNTUK,  
Kakinada)

Seshadri Rao Knowledge Village :: Gudlavalleru  
Krishna Dt. PIN: 521356, AP.  
Phone: 08674-273737, 273888  
Fax: 08674-273957  
E-Mail: csegec@gmail.com  
Website: www.gecgudlavalleu.ac.in

**College Officials**

**Dr. Nageswara Rao Vallurupalli**  
-Chairman

**Er.Satyanarayana Rao Vallurupalli**  
Secretary& Correspondent

**Sri.Ramakrishana Vallurupalli**  
Co- Secretary& Correspondent

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

**ADVISORY COMMITTEE**

**Dr. M.R. Ch. Sastry**  
Vice- Principal & Professor, ME.

**Dr. S. Narayana**  
Professor, CSE& Mentor AS&A.

**CHAIRMAN:**

**Dr. M. Babu Rao**  
Professor& HOD, CSE

**COORDINATOR'S:**

**Ms. D. Raga Vamsi,**  
Asst. Professor in CSE

**MEMBERS:**

All I B. Tech Students.

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

**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. 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) 45Km. 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. The U.G Engineering programmes, EEE, ME, ECE, CE, CSE & IT have been accorded Accreditation status by NBA of AICTE.

**ABOUT DEPARTMENT**

The Department of Computer Science and Engineering is one of the pioneer departments of GEC with an intake of 240. The students of this department are being selected through campus recruitment in reputed IT companies. The teaching learning process, CSE department regularly conducts workshops, guest lectures and group discussions and refreshes e-recourses to enhance the skills of students and teaching community. It is 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 department.

### ABOUT THE COURSE

Microsoft Azure is Microsoft's cloud computing platform, providing a wide variety of services you can use without purchasing and provisioning your own hardware. Azure enables the rapid development of solutions and provides the resources to accomplish tasks that may not be feasible in an on-premises environment. Azure's compute, storage, network, and application services allow you to focus on building great solutions without the need to worry about how the physical infrastructure is assembled.

This course will provide foundational-level knowledge of cloud services and how those services are provided with Microsoft Azure. The course can be taken as an optional first step in learning about cloud services and Microsoft Azure, before taking further Microsoft Azure or Microsoft cloud services courses.

It will also cover some core Azure services and solutions, as well as key Azure pillar services concerning security, privacy, compliance, and trust. It will finally cover pricing and support services available with Azure.

In exploring the world of cloud-based solutions to determine if it's the building block you need to change your career.

#### Expected Outcomes of the Course:

- To learn how to create VMs and virtual networks, websites and storage accounts.
- Common tools useful in creating and managing Azure-based solutions

### Resource Persons

Dr. Narayana Satyala, Professor in department of Computer Science and Engineering, Gudlavalluru Engineering College, satyala1976@gmail.com  
Phone: 9490422367

#### Objectives of the program:

- Understand what cloud Computing.
- To learn about Azure Resource Manager and Role-Based Access Control
- To visit the management portals.
- To learn about billing, find out how you can contribute to the Azure documentation and code samples

#### Course Contents

- What is Azure?
- The classic deployment model.
- The Azure portal.
- Azure App Service and Web Apps.
- Azure Virtual Machines.
- Azure Storage.
- Azure Virtual Networks.

#### Eligibility

All I-B.Tech Students

#### Registration Fee:

Students registering for the Value-Added Course not required paying any fee.

### ABOUT RESOURCE PERSON

Dr. Narayana Satyala Working as Professor in department of Computer Science and Engineering, Gudlavalluru Engineering College. He has 21 years of experience in various colleges. He has 25 journal paper publications and in those 23 is international and 2 is national. And he has 14 conference papers published on those 8 are international and 6 are national.

He Acted as Technical Session chair on Soft Computing Techniques in the 2<sup>nd</sup> International Conference on Smart Computing & Informatics (SCI-2018) organized by PVPSIT, Vijayawada during 27-28 January 2018.

Member of Programming Committee for CSI BIG 2014 Conference on IT in Business, Industry & Govt. to be held on 08-09 March 2014, Organized by CSI Indore Chapter, Division III & IV In Association with Sri Aurobindo Institute of Technology, Indore, MP. Theme: Big Data and Analytics.



#### PRINCIPAL

Gudlavalluru Engineering College  
Seshadri Rao Knowledge Village  
Gudlavalluru - 521 356, Krishna District. A.P.



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

**Department of Computer Science and Engineering**

**Program Schedule for Value Added Course titled "Azure Fundamentals in Computer Science and Engineering" 07-06-2021 to 21-06-2021**

S. No.	Date	Topics Covered
1	07-06-2021	• What is Azure, Overview of Cloud Computing
2	08-06-2021	• Cloud Services, Azure Services
3	09-06-2021	• The classic deployment model.
4	10-06-2021	• The Azure portal.
5	11-06-2021	• Azure App Service
6	14-06-2021	• Web Apps
7	15-06-2021	• operations on Azure
8	16-06-2021	• Azure Virtual Machines Part-I
9	17-06-2021	• Azure Virtual Machines Part-II
10	18-06-2021	• Azure Virtual Machines Part-III.
11	19-06-2021	• Azure Storage.
12	21-06-2021	• Azure Virtual Networks.

**D. Ragavamsi**  
Co-ordinator

**HOD**  
HOD, CSE

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





## GUDLAVALLURU ENGINEERING COLLEGE

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

Seshadri Rao Knowledge Village :: Gudlavalluru

### Department of Computer Science and Engineering

*A Two Week Value Added Course on Azure Fundamentals*

#### Registered Students List

S.No	Roll Number	Name of The Student	Email-ID
1	20481A5401	ABDUL KHADAR JILANI	jilaniabdu003@gmail.com
2	20481A5402	ADIVANNA MOKSHAGNA	moksha.adivanna@gmail.com
3	20481A5403	AKKABATHULA DANNY	dannyakkabathula@gmail.com
4	20481A5404	A NAGA VENKATA DURGA RAJESH	rockstarrajesh123123@gmail.com
5	20481A5405	APPANA LAKSHMI SRUTHI	asrphysics999@gmail.com
6	20481A5406	BONAM OMYA RANI	omyabonamo919@gmail.com
7	20481A5407	BOYINA VENKATA MANASA	manasaboyina59@gmail.com
8	20481A5408	CH H N V SAI KUMAR	hemanth.chebrolu2002@gmail.com
9	20481A5409	CHANDANA SIVA NAGA PRAKASH	prakashch2701@gmail.com
10	20481A5410	DARAPU UNNATHI	unnigayu666@gmail.com
11	20481A5411	DEVARAPALLI PRASANNA	prasannadevarapalli1234@gmail.com
12	20481A5412	D HEMANTH KALESWARA CHOWDARY	hemanth.geccollege@gmail.com
13	20481A5413	DODDAKULA SOMA VENKAT	ramudodakula@gmail.com
14	20481A5414	GALI GRACE APOORVA	ggrace 26003@gmail.com
15	20481A5415	GANTA KARTHIK KUMAR	gantakarthikk@gmail.com
16	20481A5416	GANTA PUJITHA	gantapujitha2003@gmail.com
17	20481A5417	GARIKIPATI LOHITH	garikapatilohith5@gmail.com
18	20481A5418	GOTRU RAM CHARAN KUMAR	charanrk420@gmail.com
19	20481A5419	GOTTIPATI LIKITHASAI	likitha120103@gmail.com
20	20481A5420	GUDIPUDI VAMSI KRISHNA	vamsikrishnagudipudi45@gmail.com
21	20481A5421	GUMMADIDALA KOTESWARI	gummadidalavenkatarao99@gmail.com
22	20481A5422	JAJJARA SUBHASH	raransubhash143@gmail.com
23	20481A5423	J KARTHIKA VENKATA SATISH REDDY	jakkireddykarthikreddy@gmail.com
24	20481A5424	JANGA SAI PURANDHAR REDDY	saipurnadhar65@gmail.com
25	20481A5425	KAMMA HARIKA	harikakamma074@gmail.com
26	20481A5426	KAPALAVAI SAIKUMAR	sudheerrguktn@gmail.com
27	20481A5427	KESARA CHENNA PRATHEEK REDDY	pratheekreddy5555@gmail.com
28	20481A5428	KODAVALLA RAGHAVENDRA	raghavendrakodavalla199221@gmail.com
29	20481A5429	KOTHAPALLI PUSHPA SAI KAVYA	pushpaskk4499@gmail.com
30	20481A5430	MEDEPALLI KEERTHI CHAWLA	keerthisuneetha@gmail.com
31	20481A5431	MODUGUMUDI VENKATESH	venkateshvenkym3210@gmail.com
32	20481A5432	MOGILI MANIKANTA	mogilimanikanta5555@gmail.com
33	20481A5433	MOHAMMAD SAAJID	abdukvaheed2009@gmail.com
34	20481A5434	MOTINENI MOHAN SAI	motinenimohansai@gmail.com
35	20481A5435	MOVVA SRI RAMA KRISHNA DATTA	srikrishnamovva143@gmail.com
36	20481A5436	MUNAGALA MOHITHA	munagalamohitha@gmail.com
37	20481A5437	NANCHARLA SAI CHARAN	saicharannancharla1@gmail.com
38	20481A5438	PAGOLU POOJITHA	ramakrishnaagolu1234@gmail.com
39	20481A5439	PAPPALA HARIKA	harika7221@gmail.com
40	20481A5440	PASUPULETI SINDHU	spasupuleti171@gmail.com
41	20481A5441	PITTU MADHURI	pittumadhuri@gmail.com
42	20481A5442	CHANDRIKA	potharlanka1977rk@gmail.com
43	20481A5443	PULAGAM TARUN REDDY	tarunreddypulagam@gmail.com
44	20481A5444	RAMACHANDRAN PRIYA DARSHINI	priyadram5@gmail.com
45	20481A5445	RAMINENI HARIPRIYA	honeyhari79@gmail.com
46	20481A5446	RAPOLU YAMUNA LAKSHMI	bhaskarraorapolu@gmail.com
47	20481A5447	RAVI YASASWINI	anuandmahi77@gmail.com
48	20481A5448	RAYAPALLI SAI NITHIN	nithinrsn1515@gmail.com
49	20481A5449	SATYAVADA HEMANTH SAI NIVAS	satyasrigdv9999@gmail.com

50	20481A5450	SHAIK ZOHAIB	shaikzohaibpardeep@gmail.com
51	20481A5451	SONTI NARASIMHA	snarasimha103@gmail.com
52	20481A5452	TADI SAI KRISHNA	saikrishnatadi02@gmail.com
53	20481A5453	TAGIRISA TEJASRI	tejasritagirisa@gmail.com
54	20481A5454	TALLURI ANIRUDH KUMAR	anitalluri2003@gmail.com
55	20481A5455	TALLURI SITA VENKATA SATHWIK	Chengulaiahtalluri1974@gmail.com
56	20481A5456	TIKKISETTI DEVI VENKATA KARTHIK	usharani9274@gmail.com
57	20481A5457	TIRUKKOVALLURI KRISHNA PRIYA	krishnapriyaT9@gmail.com
58	20481A5458	NIKHITHA	subbaraageetha62@gmail.com
59	20481A5459	V M S VAMSI KRISHNA ALAPATI	alapativamsi2003@gmail.com
60	20481A5460	VATTIKUTI HEMA NAGA SAI SRI	cindrychoudary@gmail.com
64	20481A5464	YALLAMILLI SRESHTA	sreshtayayallamilli13@gmail.com

**D. Ragavamsi**  
Co-ordinator

**HSA**  
HOD, CSE

**PRINCIPAL**  
**PRINCIPAL**

**Gudlalleru Engineering College**  
**Seshadri Rao Knowledge Village**  
**Gudlalleru - 521 356, Krishna District. A.P.**



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

**Department of Computer Science and Engineering**

**Summary Report on Value Added Course titled "Azure Fundamentals in Computer Science and Engineering" 07-06-2021 to 21-06-2021**

**Title of the course:** "Azure Fundamentals in Computer Science and Engineering"

**Duration:** 07-06-2021 to 21-06-2021

**Resource Persons:**

Dr. Narayana Satyala, Professor in department of Computer Science and Engineering,  
Gudlavalleru Engineering College, Phone No: 9490422367

**Objectives of the program:**

- Understand what cloud Computing.
- To learn about Azure Resource Manager and Role-Based Access Control
- To visit the management portals.
- To learn about billing, find out how you can contribute to the Azure documentation and code samples

**Topics Covered:**

- What is Azure?
- The classic deployment model.
- The Azure portal.
- Azure App Service and Web Apps.
- Azure Virtual Machines.
- Azure Storage.
- Azure Virtual Networks.

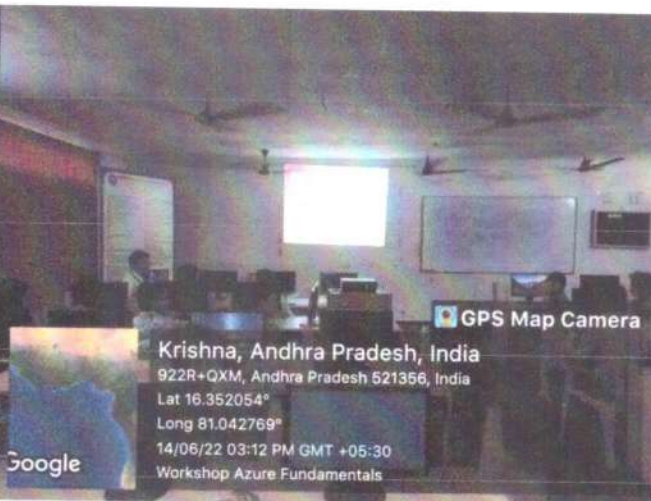
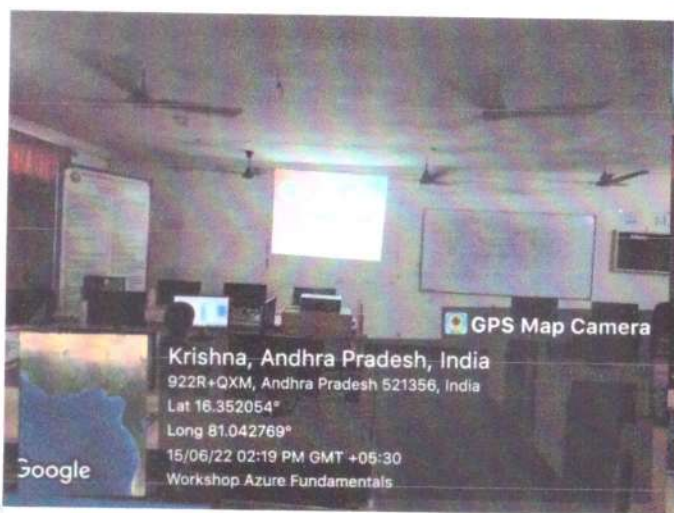
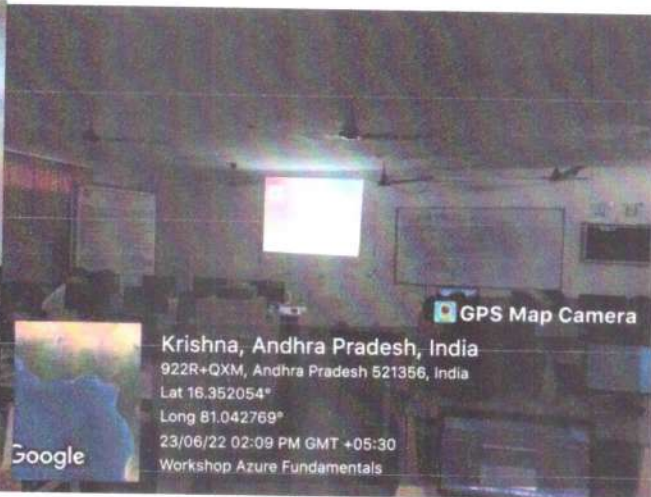
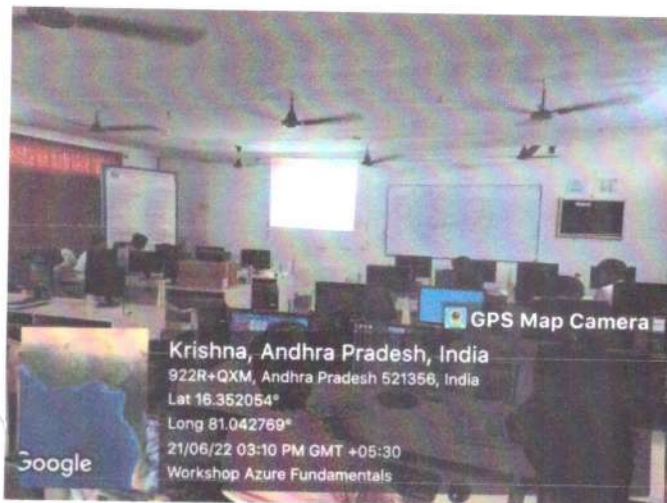
**Outcomes of the program:**

- To learn how to create VMs and virtual networks, websites and storage accounts.
- Common tools useful in creating and managing Azure-based solutions

**No. of students enrolled the course:** 64

**No. of students completed the course:** 60





D. Ragavamsi  
Co-ordinator

  
HoD, CSE

**Head of the Department**  
**Computer Science and Engineering**  
**Gudlavalleru Engineering College**  
**Seshadri Rao Knowledge Village**  
**GUDLAVALLERU - 521 356**

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



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

**Department of Computer Science and Engineering**  
(B. Tech in Artificial Intelligence and Data Science)

**CIRCULAR**

**10<sup>th</sup> March 2021**

This is to inform students of I B. Tech students that the Department of Computer Science and Engineering is organizing two week value added course on "Foundation for R Programming" from 15<sup>th</sup> March to 27<sup>th</sup> March 2021. Those who are interested can register their names with the program Co-ordinator Ms. K. Jyothsna Latha, Assistant professor, Department of CSE.

  
HOD, CSE

Head of the Department  
Computer Science and Engineering  
Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
Gudlavalleru - 521 356

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



**Two-Week Value-Added Course  
On  
Foundation for R Programming**

15<sup>th</sup> – 27<sup>th</sup> March 2021



**Organized  
by  
Department of CSE**

**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute Affiliated to JNTUK,  
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Seshadri Rao Knowledge Village :: Gudlavalleru  
Krishna Dt. PIN: 521356, AP.  
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-Chairman

Er.Satyanarayana Rao Vallurupalli  
Secretary& Correspondent

Sri.Ramakrishana Vallurupalli  
Co- Secretary& Correspondent

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

**ADVISORY COMMITTEE**

Dr. M. R. Ch. Sastry  
Vice- Principal & Professor, ME.

Dr. S. Narayana  
Professor, CSE & Mentor AS&A.

**CHAIRMAN:**

Dr. M. Babu Rao,  
Professor& HOD, CSE

**COORDINATOR'S:**

Ms. K. Jyothsna Latha,  
Asst. Professor in CSE

**MEMBERS:**

All I B.Tech Students.

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### ABOUT THE COURSE

R Programming Tutorial is designed for both beginners and professionals. R is a software environment which is used to analyze statistical information and graphical representation. R allows us to do modular programming using functions. Our R tutorial includes all topics of R such as introduction, features, installation, rstudio ide, variables, datatypes, operators, if statement, vector, data handling, graphics, statistical modelling, etc. This programming language was named R, based on the first name letter of the two authors (Robert Gentleman and Ross Ihaka).

"R is an interpreted computer programming language which was created by Ross Ihaka and Robert Gentleman at the University of Auckland, New Zealand." The R Development Core Team currently develops R. It is also a software environment used to analyze statistical information, graphical representation, reporting, and data modeling. R is the implementation of the S programming language, which is combined with lexical scoping semantics.

In the present era, R is one of the most important tool which is used by researchers, data analyst, statisticians, and marketers for retrieving, cleaning, analyzing, visualizing, and presenting data.

#### Expected Outcomes of the Course:

- Explain critical R programming concepts
- Demonstrate how to install and configure RStudio
- Apply OOP concepts in R programming
- Explain the use of data structure and loop functions
- Analyse data and generate reports based on the data
- Apply concepts to write programs in R

### Resource Persons

Dr. T. Srinivasa Rao, Associate Professor,  
Department of CSE, Gudlavalluru Engineering college, +919490710705,  
srinivas123fast@gmail.com

#### Objectives of the program:

- The basics of statistical computing and data analysis
- How to use R for analytical programming
- How to implement data structure in R
- R loop functions and debugging tools
- Object-oriented programming concepts in R
- Data visualization in R
- How to perform error handling
- Writing custom R functions

#### Course Contents

- Exploring R Language
- Setting Up R Environment with RStudio
- Implementing Expressions
- Essentials Data Structure in R
- Implementing Strings in R
- Performing Statistics with R
- Visualizing and Analysing Data in R
- Errors Handling
- Improving the Performance
- Executing Your Own R Functions

#### Eligibility

All I-B.Tech Students

#### Registration Fee:

Students registering for the Value-Added Course are not required to pay any fee.

### ABOUT RESOURCE PERSON

Dr. T. Srinivasa Rao Working Associate Professor in department of Computer Science and Engineering, Gudlavalluru Engineering College. He has 16 years of experience in various colleges. He has 19 journal paper publications and in those 18 is international and 1 is national. And he has 10 conference papers published on those 6 are international and 4 are national. He won a best paper award entitled "Performance Composition Protocol with QOS awareness in MANET" at International Conference ICNB-2010 Raghu Engineering College, Vizag on 4th Feb 2010. He Awarded from InSc (Institute of Scholars) for Research Excellence Award on 20th December 2020. He has great knowledge on Image Processing and Networking. He published a book on "Cyber Crime" by Navya Publications in DEC 2020.

  
**PRINCIPAL**  
Gudlavalluru Engineering College  
Seshadri Rao Knowledge Village  
Gudlavalluru - 521 356, Krishna District. A.P.



## GUDLAVALLERU ENGINEERING COLLEGE

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

Seshadri Rao Knowledge Village, Gudlavaluru

### Department of Computer Science and Engineering

#### Program Schedule for Value Added Course titled "Two Week workshop on Foundation for R Programming" 15-03-2021 and 27-03-2021

S. No.	Date	Topics Covered
1	15-03-2021	Exploring R Languages Setting up R Environment with RStudio
2	16-03-2021	Implementing Expressions
3	17-03-2021	Series, Vectors and Data Frames in R
4	18-03-2021	Series, Vectors and Data Frames in R
5	19-03-2021	Implementation of Strings in R
6	20-03-2021	Performing Statistics with R
7	22-03-2021	Performing Statistics with R
8	23-03-2021	Performing Statistics with R
9	24-03-2021	Visualizing and Analyzing with R
10	25-03-2021	Visualizing and Analyzing with R
11	26-03-2021	Errors Handling
12	27-03-2021	R Functions

*K. Jyothsna Latha*  
Co-ordinator

*MBS*  
HoD, CSE

Head of the Department  
Computer Science and Engineering  
Gudlavaluru Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLERU - 521 356

*[Signature]*  
Principal  
**PRINCIPAL**

Gudlavaluru Engineering College  
Seshadri Rao Knowledge Village  
Gudlavaluru - 521 356, Krishna District. A.P.





## GUDLAVALLERU ENGINEERING COLLEGE

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

Seshadri Rao Knowledge Village :: Gudlavalluru

### Department of Computer Science and Engineering

#### A Two Week Value Added Course on Foundation For R Programming

#### Registered Students List

S.No	Roll Number	Name of The Student	Email-ID
1	20481A5401	ABDUL KHADAR JILANI	jilaniabdu003@gmail.com
2	20481A5402	ADIVANNA MOKSHAGNA	moksha.adivanna@gmail.com
3	20481A5403	AKKABATHULA DANNY	dannyakkabathula@gmail.com
4	20481A5404	A NAGA VENKATA DURGA RAJESH	rockstarrajesh123123@gmail.com
5	20481A5405	APPANA LAKSHMI SRUTHI	asrphysics999@gmail.com
6	20481A5406	BONAM OMYA RANI	omyabonamo919@gmail.com
7	20481A5407	BOYINA VENKATA MANASA	manasaboyina59@gmail.com
8	20481A5408	CH H N V SAI KUMAR	hemanth.chebrolu2002@gmail.com
9	20481A5409	CHANDANA SIVA NAGA PRAKASH	prakashch2701@gmail.com
10	20481A5410	DARAPU UNNATHI	unnigayu666@gmail.com
11	20481A5411	DEVARAPALLI PRASANNA	prasannadevarapalli1234@gmail.com
12	20481A5412	D HEMANTH KALESWARA CHOWDARY	hemanth.geccollege@gmail.com
13	20481A5413	DODDAKULA SOMA VENKAT	ramudodakula@gmail.com
14	20481A5414	GALI GRACE APOORVA	ggrace_26003@gmail.com
15	20481A5415	GANTA KARTHIK KUMAR	gantakarthikk@gmail.com
16	20481A5416	GANTA PUJITHA	gantapujitha2003@gmail.com
17	20481A5417	GARIKIPATI LOHITH	garikapatilohith5@gmail.com
18	20481A5418	GOTRU RAM CHARAN KUMAR	charanrk420@gmail.com
19	20481A5419	GOTTIPATI LIKITHASAI	likitha120103@gmail.com
20	20481A5420	GUDIPUDI VAMSI KRISHNA	vamsikrishnagudipudi45@gmail.com
21	20481A5421	GUMMADIDALA KOTESWARI	gummadidalavenkatarao99@gmail.com
22	20481A5422	JAJJARA SUBHASH	raransubhash143@gmail.com
23	20481A5423	J KARTHIKA VENKATA SATISH REDDY	jakkireddykarthikreddy@gmail.com
24	20481A5424	JANGA SAI PURANDHAR REDDY	saipurnadhar65@gmail.com
25	20481A5425	KAMMA HARIKA	harikakamma074@gmail.com
26	20481A5426	KAPALAVAI SAIKUMAR	sudheerrguktn@gmail.com
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31	20481A5431	MODUGUMUDI VENKATESH	venkateshvenkym3210@gmail.com
32	20481A5432	MOGILI MANIKANTA	mogilimanikanta5555@gmail.com
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42	20481A5442	POTHARLANKA SAI MOHANA CHANDRIKA	potharlanka1977rk@gmail.com
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45	20481A5445	RAMINENI HARIPRIYA	honeyhari79@gmail.com
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47	20481A5447	RAVI YASASWINI	anuandmahi77@gmail.com
48	20481A5448	RAYAPALLI SAI NITHIN	nithinrsn1515@gmail.com
49	20481A5449	SATYAVADA HEMANTH SAI NIVAS	satyasrigdv9999@gmail.com
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50	20481A5450	SHAIK ZOHAIB	shaikzohaibpardeep@gmail.com
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52	20481A5452	TADI SAI KRISHNA	saikrishnatadi02@gmail.com
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56	20481A5456	TIKKISETTI DEVI VENKATA KARTHIK	usharani9274@gmail.com
57	20481A5457	TIRUKKOVALLURI KRISHNA PRIYA	krishnapriyaT9@gmail.com
58	20481A5458	NIKHITHA	subbaraogeetha62@gmail.com
59	20481A5459	V M S VAMSI KRISHNA ALAPATI	alapativamsi2003@gmail.com
60	20481A5460	VATTIKUTI HEMA NAGA SAI SRI	cindrychoudary@gmail.com
64	20481A5464	YALLAMILLI SRESHTA	sreshtayayallamilli13@gmail.com

K. Jyothsnaalatha.  
Co-ordinator

HOD, CSE

PRINCIPAL

PRINCIPAL

Head of the Department  
Computer Science and Engineering  
Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLERU - 521 356

Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
Gudlavalleru - 521 356, Krishna District. A.P.



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

**Department of Computer Science and Engineering**

**Summary Report on Value Added Course titled “Two Week Workshop on Foundation for R Programming” 15-03-2021 and 29-03-2021**

**Title of the course:** “Two Week Workshop on Foundation for R Programming”

**Duration:** 15-03-2021 to 29-03-2021

**Resource Persons:**

- Dr. T. Srinivasa Rao, Associate Professor, Department of CSE, Gudlavalleru Engineering College. +919490710705, srinivas123fast@gmail.com

**Objectives of the program:**

- The basics of statistical computing and data analysis
- How to use R for analytical programming
- How to implement data structure in R
- R loop functions and debugging tools
- Object-oriented programming concepts in R
- Data visualization in R
- How to perform error handling
- Writing custom R functions.

**Topics Covered:**

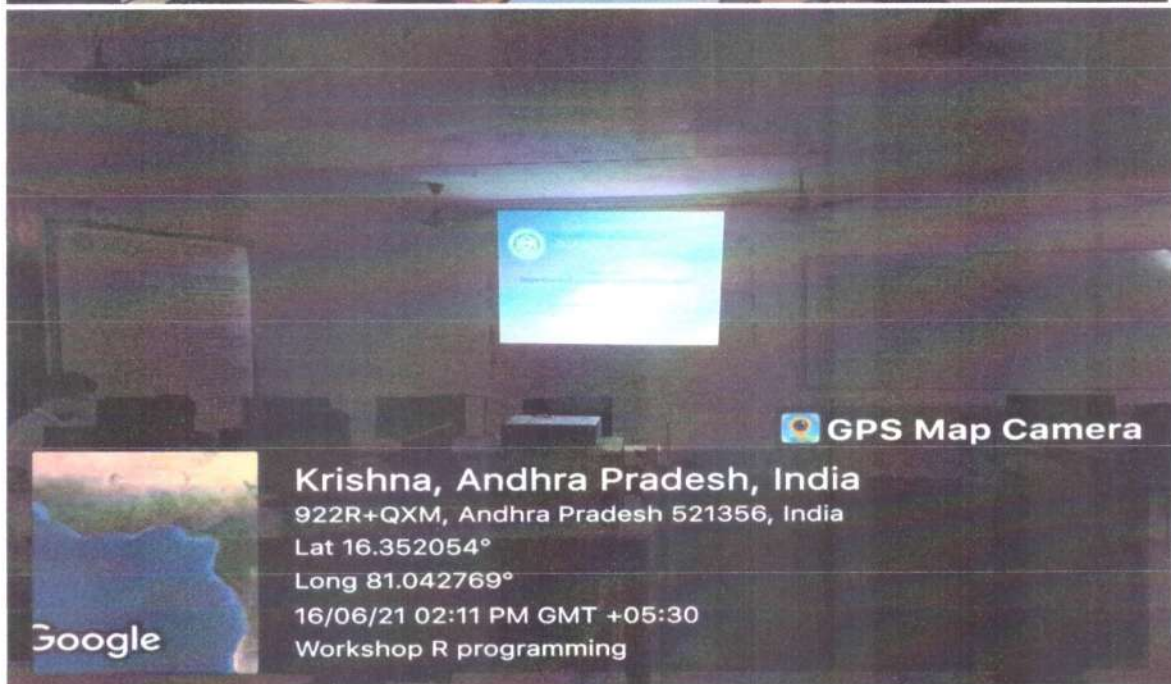
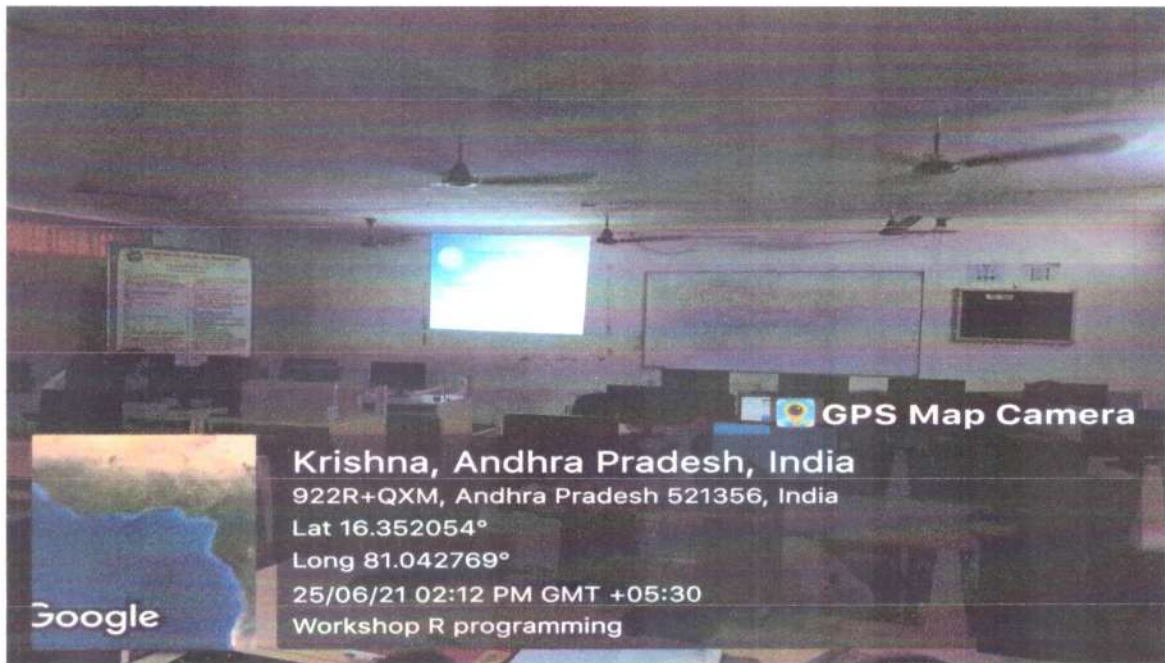
- Exploring R Language
- Setting Up R Environment with RStudio
- Implementing Expressions
- Essentials Data Structure in R
- Implementing Strings in R
- Performing Statistics with R
- Visualizing and Analysing of Data in R
- Errors Handling
- Improving the Performance
- Executing Your Own R Functions

**Outcomes of the program:**

- Explain critical R programming concepts
- Demonstrate how to install and configure RStudio
- Apply OOP concepts in R programming
- Explain the use of data structure and loop functions
- Analyse data and generate reports based on the data
- Apply various concepts to write programs in R

**No. of students enrolled the course:** 64

**No. of students completed the course:** 48



K. JyothsnaLatha.  
 Co-ordinator

HBN  
 HoD, CSE

Head of the Department  
 Computer Science and Engineering  
 Gudlavalleru Engineering College  
 Seshadri Rao Knowledge Village  
 GUDLAVALLERU - 521 356

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





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

**Department of Computer Science and Engineering**  
**(B. Tech in Artificial Intelligence and Data Science)**

**CIRCULAR**

**03<sup>rd</sup> February 2021**

This is to inform the students of I B. Tech that the Department of Computer Science and Engineering is organizing two-week value-added course on "UNIX Programming" from 07<sup>th</sup> February to 21<sup>st</sup> February 2021. Those who are interested can register their names with the program Co-coordinator Ms. G. Bharathi, Senior Grade Assistant professor, Department of CSE.

**HOD, CSE**

Head of the Department  
Computer Science and Engineering  
Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLERU - 521 356

Copy to: CE/EEE/ME/ECE/CSE/IT/A&DS/IRMDA

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Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
Gudlavalleru - 521 356, Krishna District. A.P.



**Two-Week Value-Added Course  
On  
UNIX Programming**

7<sup>th</sup> – 21<sup>th</sup> February 2021



*Organized  
by  
Department of CSE*

**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute Affiliated to JNTUK,  
Kakinada)

Seshadri Rao Knowledge Village :: Gudlavalleru  
Krishna Dt. PIN: 521356, AP.  
Phone: 08674-273737, 273888  
Fax: 08674-273957  
E-Mail: csegec@gmail.com  
Website: www.gecgudlavalleu.ac.in

**College Officials**

Dr.Nageswara Rao Vallurupalli  
-Chairman

Er.Satyanarayana Rao Vallurupalli  
Secretary & Correspondent

Sri.Ramakrishana Vallurupalli  
Co- Secretary & Correspondent

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

**ADVISORY COMMITTEE**

Dr.M.R. Ch. Sastry  
Vice- Principal & Professor, ME.

Dr. S. Narayana  
Professor, CSE & Mentor AS&A.

**CHAIRMAN:**

Dr.M. Babu Rao,  
Professor & HOD, CSE

**COORDINATOR'S:**

Ms. G. Bharathi,  
Senior. Grade. Asst. Professor in CSE

**MEMBERS:**

All I B.Tech Students.

**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. 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) 45Km. 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. The U.G Engineering programmes, EEE, ME, ECE, CE, CSE & IT have been accorded Accreditation status by NBA of AICTE.

**ABOUT DEPARTMENT**

The Department of Computer Science and Engineering is one of the pioneer departments of GEC with an intake of 240. The students of this department are being selected through campus recruitment in reputed IT companies. The teaching learning process, CSE department regularly conducts workshops, guest lectures and group discussions and refreshes e-recourses to enhance the skills of students and teaching community. It is 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 department.

### ABOUT THE COURSE

A Linux System Administrator takes care of computers running on the Linux operating systems. The professional will handle the support infrastructure, operating systems, virtual platforms, and applications. The administrator is responsible for the integrity and security of the servers and computer systems by following established security protocols and practices.

These professionals work in collaboration with the computer system engineer to install the system. The Linux administrator ensures the systems are updated with changing technologies. They are in charge of the installation of new software, granting permissions, and training users for the applications.

#### Expected Outcomes of the Course:

- Students are introduced to Linux System Administration.
- Students will be able to Maintain best practices on managing systems and services across all environments
- Students will be able to create and modify scripts or applications to perform tasks.
- Students will be able to learn the commands.

### Resource Persons

Dr. G. Sri Devi, Associate Professor in department of Computer Science and Engineering, Gudlavalleru Engineering College, sridevi.gutta2012@gmail.com  
Phone: 8143924885

#### Objectives of the program:

- In this module of Unix Programming course, you will understand UNIX architecture in general, booting process, how to install Centos7 OS, system initialization and some basic commands to get started.
- Linux administration covers backups, file restores, disaster recovery, new system builds, hardware maintenance, automation, user maintenance, file system housekeeping, application installation and configuration, system security management, and storage management.

#### Course Contents

- Introduction to Unix & Linux
- History of Unix & Linux
- Basic Concepts of Operating Systems, Kernel, shell and filesystem structure
- Basic Concepts of Linux
- Basic Commands of Linux
- Advanced Linux Commands

#### Eligibility

All I-B.Tech Students

#### Registration Fee:

Students registering for the Value-Added Course are not required to pay any fee.

### ABOUT RESOURCE PERSON

Dr. G. Sri Devi Working Associate Professor in department of Computer Science and Engineering, Gudlavalleru Engineering College. She has 17 years of experience in various colleges. She has 53 journal paper publications and in those 53 is international and 0 is national. And she has 7 conference papers published on those 7 are international.

She published two books and 2 Patents. She is having professional Memberships in IAENG, CSI, ISCA, ISTE, JCSE, ISRD



#### PRINCIPAL

Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
Gudlavalleru - 521 356, Krishna District. A.P.





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

**Department of Computer Science & Engineering**

**Program Schedule for Value Added Course titled "UNIX Programming" 07-02-2021 to 21-02-2021**

S.No.	Date	Topics Covered
1	07-02-2021	<ul style="list-style-type: none"><li>• Introduction to Unix &amp; Linux</li><li>• History of Unix &amp; Linux</li><li>• Basic Concepts of Operating Systems, Kernel, shell and filesystem structure</li><li>• Basic Concepts of Linux</li></ul>
2	08-02-2021	<ul style="list-style-type: none"><li>• Basic Commands of Linux</li><li>• Advanced Linux Commands</li><li>• Installation of Linux</li></ul>
3	09-02-2021	<ul style="list-style-type: none"><li>• Interactive Installation, Kickstart Installation</li><li>• Network based Installation</li></ul>
4	10-02-2021	<ul style="list-style-type: none"><li>• Startup and Shutdown scripts, Boot Sequence</li><li>• Kernel Initialization</li></ul>
5	11-02-2021	<ul style="list-style-type: none"><li>• INIT Process</li><li>• Software Package Administration</li><li>• Installing and deleting software packages</li></ul>
6	14-02-2021	<ul style="list-style-type: none"><li>• Querying and updating software packages</li><li>• Dynamic Host Configuration Protocol (DHCP)</li></ul>
7	15-02-2021	<ul style="list-style-type: none"><li>• Configuring Linux as DHCP server</li><li>• Configuring various clients for dhcp server (Windows &amp; Linux)</li></ul>
8	16-02-2021	<ul style="list-style-type: none"><li>• Basics of NIS</li><li>• Configuring NIS master server, slave server and client</li></ul>
9	17-02-2021	<ul style="list-style-type: none"><li>• Web Server (Apache)</li><li>• Basics of web service</li><li>• Introduction to Apache</li></ul>
10	18-02-2021	<ul style="list-style-type: none"><li>• FTP server (vsftpd daemon)</li><li>• Basics of File Transfer protocol</li><li>• Configuring proftpd for anonymous ftp service</li></ul>
11	19-02-2021	<ul style="list-style-type: none"><li>• Mail Server (SMTP, POP3, IMAP)</li><li>• Basics of Mail servers</li><li>• Basics of file sharing in Windows</li></ul>

  
Co-ordinator

  
HoD, CSE

Head of the Department  
Computer Science and Engineering  
Gudlavalluru Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLERU - 521 356

  
**PRINCIPAL**  
Gudlavalluru Engineering College  
Seshadri Rao Knowledge Village  
Gudlavalluru - 521 356, Krishna District. A.P.



## GUDLAVALLERU ENGINEERING COLLEGE

An Autonomous Institute with Permanent Affiliation to JNTU-K, Kakimaddi

Seshadri Rao Knowledge Village Gudlavalleru

### Department of Computer Science and Engineering

#### A Two Week Value Added Course on Unix Programming

#### Registered Students List

S.No	Roll Number	Name of The Student	Email-ID
1	20481A5401	ABDUL KHADAR JILANI	jilaniabdul003@gmail.com
2	20481A5402	ADIVANNA MOKSHAGNA	moksha.adivanna@gmail.com
3	20481A5403	AKKABATHULA DANNY	dannyakkabathula@gmail.com
4	20481A5404	A NAGA VENKATA DURGA RAJESH	rockstarrajesh123123@gmail.com
5	20481A5405	APPANA LAKSHMI SRUTHI	asrphysics999@gmail.com
6	20481A5406	BONAM OMYA RANI	omyabonamo919@gmail.com
7	20481A5407	BOYINA VENKATA MANASA	manasaboyina59@gmail.com
8	20481A5408	CH H N V SAI KUMAR	hemanth.chebrolu2002@gmail.com
9	20481A5409	CHANDANA SIVA NAGA PRAKASH	prakashch2701@gmail.com
10	20481A5410	DARAPU UNNATHI	unnigayu666@gmail.com
11	20481A5411	DEVARAPALLI PRASANNA	prasannadevarapalli1234@gmail.com
12	20481A5412	D HEMANTH KALESWARA CHOWDARY	hemanth.geccollege@gmail.com
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61	20481A5461	VEERABATHINA KONDALA RAO	naniveerabhatina@gmail.com
62	20481A5462	VEMURI GOPI THARUN	vemuri.sreenu@gmail.com
63	20481A5463	YAKKALA POOJA	ysailu1981@gmail.com
64	20481A5464	YALLAMILLI SRESHTA	sreshtayayallamilli13@gmail.com
65	21485A5401	CHALAMALA SATYA SAI	chsatya7890@gmail.com
66	21485A5402	CHINNAM PRAMOD	chinnampramod@gmail.com
67	21485A5403	GARISEPALLI SIVA RAMANJANEYULU	sivaramanjaneyulu4@gmail.com
68	21485A5404	K JAYA V NAGA DURGA SAI RAM	kanikellasairam@gmail.com
69	21485A5405	KASAGANI SANDEEP	kasaganisandy@gmail.com
70	21485A5406	SANGARAJU SUBRAMANYAM RAJU	subramanyamraju09@gmail.com

  
Co-ordinator

  
HoD, CSE

Head of the Department  
Computer Science and Engineering  
Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLERU - 521 356

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





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**Department of Computer Science and Engineering**

**Summary Report on Value Added Course titled “UNIX Programming in Computer Science and Engineering” 07-02-2021 to 21-02-2021**

**Title of the course:** “UNIX Programming in Computer Science and Engineering”

**Duration:** 07-02-2021 to 21-02-2021

**Resource Persons:**

- Dr. G. Sri Devi, Associate Professor in department of Computer Science and Engineering, Gudlavalleru Engineering College, sridevi.gutta2012@gamil.com , 8143924885

**Objectives of the program:**

- In this module of linux course, you will understand Linux architecture in general, booting process, how to install Centos7 OS, system initialization and some basic commands to get started.
- Linux administration covers backups, file restores, disaster recovery, new system builds, hardware maintenance, automation, user maintenance, filesystem housekeeping, application installation and configuration, system security management, and storage management.

**Topics Covered:**

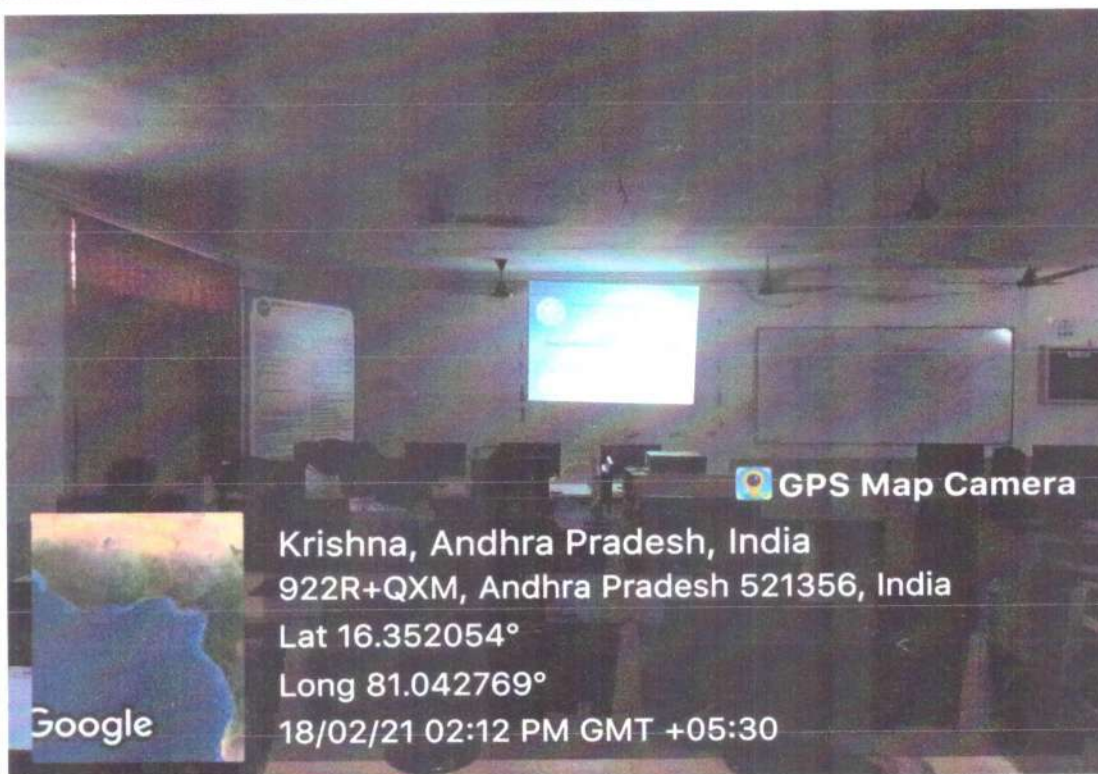
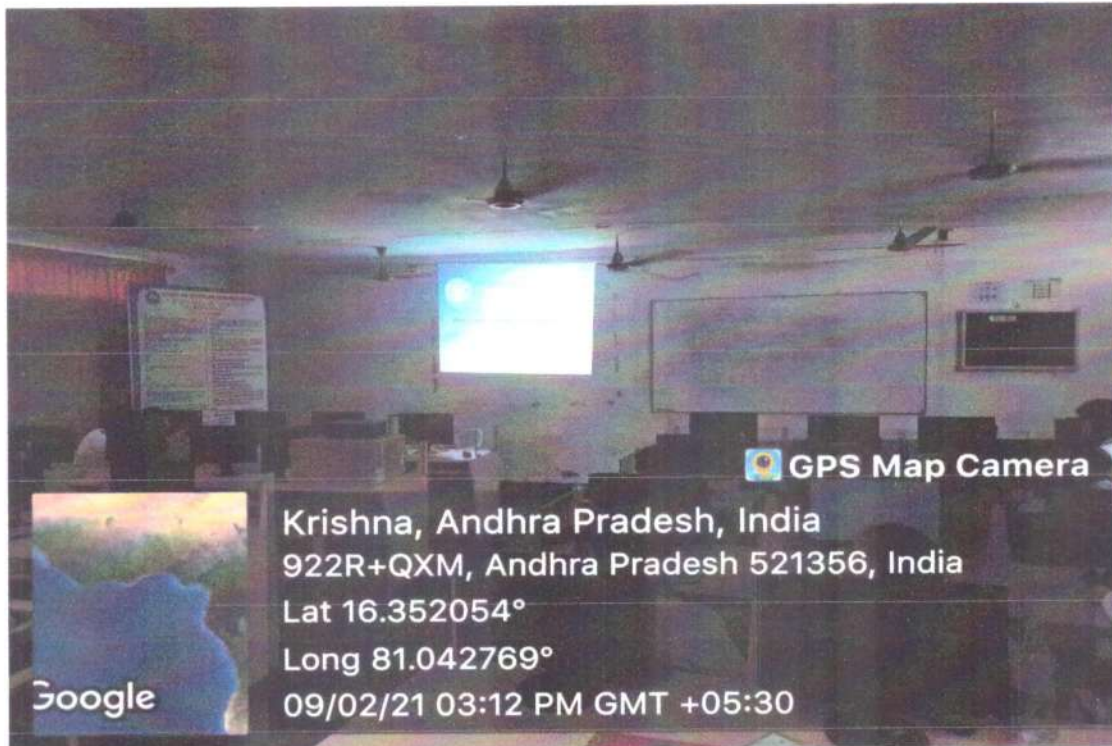
- Introduction to Unix & Linux
- History of Unix & Linux
- Basic Concepts of Operating Systems, Kernel, shell and file system structure
- Basic Concepts of Linux
- Basic Commands of Linux and Advanced Linux Commands

**Outcomes of the program:**

- Students are introduced to Linux System Administration.
- Students will be able Maintain best practices on managing systems and services across all environments
- Students will be able to create and modify scripts or applications to perform tasks.
- Students will be able to learn the commands.

**No. of students enrolled the course:** 64

**No. of students completed the course:** 60



G. Bhanu  
 Co-ordinator

HOD  
 HOD, CSE  
 Head of the Department  
 Computer Science and Engineering  
 Gudlavalleru Engineering College  
 Seshadri Rao Knowledge Village  
 GUDLAVALLERU - 521 356

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



# SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE

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

Seshadri Rao Knowledge Village, Gudlavalleru - 521356

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## DEPARTMENT OF INTERNET OF THINGS

### CIRCULAR

Date: 05-08-2021

The department of Internet of Things is organizing a Two Week Value - Added course on **“Fundamentals of Python Programming-I”** in Internet of Things from 09-08-2021 to 21-08-2021 by **Apply Volt Technologies Pvt.Ltd., Hyderabad** for I B Tech II Sem students of IoT, in virtual mode using Microsoft Teams. Hence, all the students are informed to enroll and attend the course without fail.

  
Faculty Coordinator

  
HOD (I/C)

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## Registration Information

- Faculty members working in AICTE approved institutes, Research Scholars and PG students are invited to register and participate in this FDP.
- There is no registration fee.
- Registration form: <https://tinyurl.com/svecwfdp>
- 80% attendance is mandatory is desirable to get an e-certificate of successful completion
- The shortlisted members from the registered participants will be communicated 5 days prior to the commencement of FDP.
- For any information about FDP and registration process, feel free to contact the convener and faculty coordinators.

## ADDRESS FOR CORRESPONDANCE

**Dr. Y.Syamala**  
HOD, IOT & Convener  
Dept of Internet of Things  
SeshadriRao Gudlavalluru Engineering  
College (Autonomous)  
Gudlavalluru- 521 356  
Krishna District, Andhra Pradesh  
Email:  
Mobile: +91-9441748416

## FACULTY COORDINATORS

**Mr. Rohith Bala Jaswanth B.**  
Asst. Professor, Dept of Internet of Things  
SRGEC, Mobile: 9885072427

**Mr. P. Rama Krishna,**  
Asst. Professor, Dept of Internet of Things  
SRGEC, Mobile: 8501991914

## Members

### CHIEF PATRONS

**Dr. Nageswara Rao, V.**, Chairman, SRGEC  
**Sri Srinivasa Rao, M.**, Co-Chairman, SRGEC  
**Sri Satyanarayana Rao, V.**, Secretary and Correspondent, SRGEC  
**Sri Ramakrishna, V.**, Co-Secretary and Correspondent, SRGEC

### PATRON

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

### CO-PATRONS

**Dr. P. Kodanda Rama Rao**, Vice-Principal, Administration, SRGEC  
**Dr. Mr. Ch. Sastry**, Vice-Principal, Academics, SRGEC

### Advisors

**Dr. P. Ravindra Babu**, Advisor to the Management, SRGEC  
**Dr. P. Nageswara Reddy**, Director, PG Studies R&D and Consultancy, SRGEC  
**Dr. B. Karuna Kumar**, Director, AS&A, SRGEC

### CONVENER

**Dr. Y. Syamala**, HOD-IOT

### ORGANIZING COMMITTEE

**Dr. M. Kamaraju**, Prof & Mentor (AS&A), ECE  
**Mr. Rohith Bala Jaswanth B.**, Asst. Professor of IoT  
**Mr. P. Rama Krishna**, Asst. Professor of IoT  
**Ms. S. Vineetha Blessy**, Asst. Professor of IoT

## VALUE ADDED COURSE

### A Two Week Value Added Course

on  
Internet of Things:

**Fundamentals of Python Programming-I**

09-08-2021 to 21-08-2021



Organized by

Department of Internet of Things (IOT)

Seshadri Rao Gudlavalluru Engineering College  
(Autonomous)

Seshadri Rao Knowledge Village  
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Andhra Pradesh

(Affiliated to JNTUK, KAKINADA)

Phone: 08674 - 273737, 273888,

Fax : 08674 - 273957

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

### About the College



The college is promoted by AANM & VVRSR Educational Society, Gudlavalluru and was established in 1998. The college is situated Gudlavalluru, surrounded by lush green fields, providing serene atmosphere to learners. The college offers B.Tech. programmes 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.

### About the Department

The Department of Internet of Things from the academic year 2020-21 started for B.Tech Course. Faculty members are PhD/post graduates in their respective fields and are actively involved in research work and regularly publish their research in reputed journals and conferences. Faculty, as a team, aims to remain focused, promote innovative learning and a network of like-minded persons for success.

### About python programming

As the Internet of Things (IoT) is an emerging branch in the new generation of the technology worldwide, the government of India, academia, and industry are involved in different aspects of research, implementation and business with IoT. IoT has its branches wide spread in different application domains ranging from civilian to defense sectors including agriculture, space, healthcare, manufacturing, construction, water, and mining, which are presently transitioning their legacy infrastructure to support IoT. Now a days there are many android and server based application. In this system, value of sensor (e.g. temperature sensor, motion sensor, accelerometer sensor etc.) will be shown on GUI or web server or android application through wireless communication and device will be controlled automatically. This seminar focuses on the concepts described above for effective communication and many applications.

### Resource Persons

- Mr. N. Ramesh, CEO, Apply Volt Technologies, Hyderabad
- Team Apply Volt Technologies, Hyderabad

  
**PRINCIPAL**  
**Seshadri Rao**  
Gudlavalluru Engineering College  
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## Department of Internet of Things

Program Schedule for Value Added Course titled " Fundamentals of Python Programming-I"

09-08-2021 to 21-08-2021

S.No.	Date	Topics cover
1	09-08-2021 - 10-08-2021	<ul style="list-style-type: none"><li>•Introduction to Python basics<ol style="list-style-type: none"><li>1. Learn about variables, data types, and operators</li><li>2. Practice using print statements, input functions, and basic math operations</li></ol></li></ul>
2	11-08-2021 - 12-08-2021	<ul style="list-style-type: none"><li>•Control statements and functions<ol style="list-style-type: none"><li>1. Learn about conditionals and loops</li><li>2. Practice using functions and modular programming</li></ol></li></ul>
3	13-08-2021	<ul style="list-style-type: none"><li>•Collections and file I/O<ol style="list-style-type: none"><li>1. Learn about lists, tuples, and dictionaries</li><li>2. Practice reading and writing files using Python</li></ol></li></ul>
4	14-08-2021	<ul style="list-style-type: none"><li>•Review and practice<ol style="list-style-type: none"><li>1. Review the concepts covered in the first week</li><li>2. Practice coding exercises and small projects to reinforce what you've learned</li></ol></li></ul>
5	16-08-2021 - 17-08-2021	<ul style="list-style-type: none"><li>• Object-oriented programming<ol style="list-style-type: none"><li>1. Learn about classes and objects</li><li>2. Practice creating and using classes in Python</li></ol></li></ul>
6	18-08-2021 - 19-08-2021	<ul style="list-style-type: none"><li>• Advanced topics<ol style="list-style-type: none"><li>1. Learn about modules, packages, and libraries</li><li>2. Practice using popular Python libraries, such as NumPy and Pandas</li></ol></li></ul>
7	20-08-2022	<ul style="list-style-type: none"><li>•Web development with Python<ol style="list-style-type: none"><li>1. Learn about web frameworks, such as Flask and Django</li><li>2. Practice building a simple web application using Python</li></ol></li></ul>
8	21-08-2021	<ul style="list-style-type: none"><li>• Review and practice<ol style="list-style-type: none"><li>1. Review the concepts covered in the second week</li></ol></li></ul>

  
Faculty Coordinator

  
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List of Students Enrolled for the Two Week Value-Aided Course titled  
"Fundamentals of Python Programming - I" in Internet of Things  
09-08-2021 to 21-08-2021

S.NO	ROLL NUMBER	NAME OF THE STUDENT	EMAIL ID
1	20481A6001	ANAKAPALLI VASAVI SAI LAKSHMI	vasavi092002@gmail.com
2	20481A6002	ANNAM MEGHANA	annammeghana9100@gmail.com
	20481A6003	AREPALLI PAVANI	arepallipavani96@gmail.com
4	20481A6004	BADAM ESWAR PRASAD	badameswarprasad@gmail.com
5	20481A6005	BHUPATHI SRAVANI	busravani83@gmail.com
6	20481A6006	BORRA SUHAS	borrasuhas2003@gmail.com
	20481A6007	BORRA TARUN	borratarun5266@gmail.com
8	20481A6008	BOYINA HARINI	boyinaharini03@gmail.com
9	20481A6009	CHERUKUWADA REVANTH KUMAR	cherukuwadarevanthkumar@gmail.com
10	20481A6010	CHIGATAPU TEJA MANI SUBHASH	tejamanisubhash.ch@gmail.com
11	20481A6011	DARSI MOHAN KRISHNA	9848593894m@gmail.com
12	20481A6012	DASAM NAGA SANJAY CHANDRA	dasamchandu05@gmail.com
13	20481A6013	DASARI NAGA LOKESH	dasaringalokesh0170@gmail.com
14	20481A6014	DAYYALA ROHITH	rohithdayyala@gmail.com
15	20481A6015	EEDDE HARI CHANDANA	eedechandun@gmail.com
16	20481A6016	GAVINI CHAITANYA SAI KUMAR	chaitanyagavini9@gmail.com
17	20481A6017	GUDIMETLA VISWANADHA PAVAN	pavangudimetla456@gmail.com
18	20481A6018	JAKKULA BABY SREYA	jakkulanr@hotmail.com
19	20481A6019	JAMPANA ASWINI KUMAR	ashwin.jampana0706@gmail.com
20	20481A6020	JANDYALA SASIDHAR	dsasi181@gmail.com
21	20481A6021	KANCHARLA KAVYA TULASI	kavyatulasikancharla@gmail.com
22	20481A6022	KANTHETI KEERTHI SADHANA	sadhana4652@gmail.com
23	20481A6023	KANTHETI N V D VIJAYA SAI ANEESH	vijaysaianeesh2002@gmail.com
24	20481A6024	KARE AJAY VARMA	ajaykare68@gmail.com
25	20481A6025	KAVURI GEETHA PRASANNA	kavurigeetha786@gmail.com
26	20481A6026	KOLUSU VAMSI KRISHNA	kolusuvamsi290@gmail.com
27	20481A6027	KONJETI MARUTHI NANDA KUMAR	Marurohi@gmail.com
28	20481A6028	LANKE NAYAN VENKATA UDAYASANKAR	Invusankar@gmail.com
29	20481A6029	LOYA NANDINI	nandinigdv02@gmail.com

Principal  
Seshadri Rao  
Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
Gudlavalleru - 521356, Krishna District, A.P.



30	20481A6030	MADDIRALA OMKARAM	omkaram7095@gmail.com
31	20481A6031	MAGAPU RAKESH	rakeshmagapu5@gmail.com
32	20481A6032	MEEGADA THANUSREE REDDY	thanusreemeegada@gmail.com
33	20481A6033	MEKALA TARUN SRI SAI	mekalatss@gmail.com
34	20481A6034	MOHAMMAD ASHWAQ REHEMAN	aswaqrehman@hotmail.com
35	20481A6035	NAKKALA VENKATA SAI ESWAR JAGADEESH	eswarjagadish143@gmail.com
36	20481A6036	PALA SUSHMA JANAKI	palasushmajanaki2002@gmail.com
37	20481A6037	PAMARTHI SYAMKUMAR	pamarthisyam123@gmail.com
38	20481A6038	PASAM SIVA MEGHANA	sivameghanapasam5473@gmail.com
39	20481A6039	PULI AJITH KUMAR	puliajith3@gmail.com
40	20481A6040	PURITIPATI BHARGAV REDDY	bhargavreddy2002@gmail.com
41	20481A6041	REDDY SAI MANIKANTA	rsnk0208@gmail.com
42	20481A6042	REDDY SRI SUSHMA	srisushma.r55@gmail.com
43	20481A6043	REDLA SANDEEP	redlasandeep784@gmail.com
44	20481A6044	SUMANA DATTA KAPAVARAPU	ksdatta411@gmail.com
45	20481A6046	THADISETTI DILEESHMANI	dileeshmanithadisetti9@gmail.com
46	20481A6047	THOTAKURA BAJI	bajithotakura7@gmail.com
47	20481A6048	TUMMALA SAI SRINIVAS CHOWDARY	saisrinivaschowdary33@gmail.com
48	20481A6049	VAKA VAMSI KRISHNA	vamsikrishnavaka80@gmail.com
49	20481A6050	VEERA VENKATA SATYA SAI NALAMATI	satyasaiscatty@gmail.com
50	20481A6051	VEJJU TEJASWINI	vejjuतेju@gmail.com
51	20481A6053	YADAPAKA V NIRVANAIAH NIKHILESH BABU	nikhilesh9491@gmail.com
52	20481A6054	YERRA VEERABHADRA SIVA KUMAR	veerabdrasivakumaryerra@gmail.com
53	21485A6001	BONAM UMA SATYA SAI PRASAD	bonamprasad2001@gmail.com
54	21485A6002	CHEERA REVANTH	revnathcheera1729@gmail.com
55	21485A6003	HARSHA GOGINENI	harshagogineni9@gmail.com
56	21485A6004	MUTHIREDDY SASINAMRATHA	namrathamuthireddy@gmail.com
57	21485A6005	NANDAM TANUJA	nandamtanuja@gmail.com
58	21485A6006	PAGOLU SRAVANI	sravanipagolu217@gmail.com
59	21485A6007	PULLETTI SRINIVASA RAO	srinupulleti123@gmail.com
60	21485A6008	PURAMA ESWAR	purmaeswar@gmail.com
61	21485A6009	RAJULAPATI DEVIPRASANNA KRISHNA	krishnarajulapati6@gmail.com
62	21485A6010	REBALLI SRI KAVERI	rsrikaveri293@gmail.com
63	21485A6011	SIRIVELLA MANIKANTA SWAMY	swamysirivella1809@gmail.com
64	21485A6012	TARUN BEZAWADA	bezwadatarun9@gmail.com
65	21485A6013	VANGALAPATI NAVYA SREE	navyasreevanglapati@gmail.com
66	21485A6014	VEERANKI NEERAJA	veerankineeraja5454@gmail.com

  
Faculty Coordinator

  
HoD, IoT

  
**PRINCIPAL**  
Seshadri Rao  
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**Seshadri Rao Knowledge Village, Gudlavalleru, Krishna District, 521356**



### **Summary Report on Value Added Course titled "Fundamentals of Python Programming-I" in Internet of Things 09-08-2021 to 21-08-2021**

**Title of the course:** "Fundamentals of Python" in Internet of Things

**Duration:** 09-08-2021 to 21-08-2021

**Resource Persons:**

- Mr. N. Ramesh, CEO, Apply Volt Technologies, Hyderabad
- Team Apply Volt Technologies, Hyderabad

**Objectives of the program:**

- The objective is to have code that is clear and expressive, allowing for efficient collaboration and maintenance.
- aims to provide a user-friendly and beginner-friendly programming language.
- enables developers to create applications that can be easily deployed and executed on different platforms..

**Topics Covered:**

- Introduction to Python basics
- Control statements and functions
- Collections and file I/O
- Review and practice
- Object-oriented programming
- Advanced topics
- Web development with Python
- Review and practice

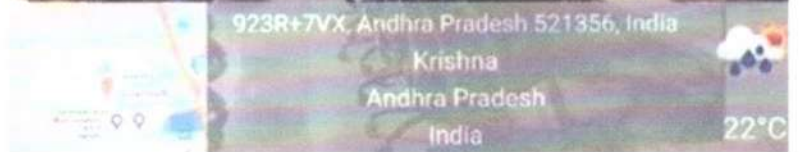
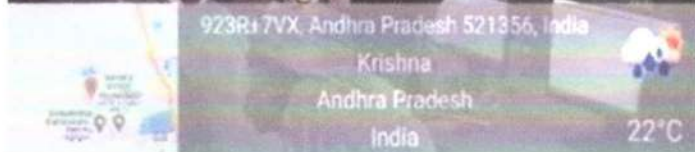
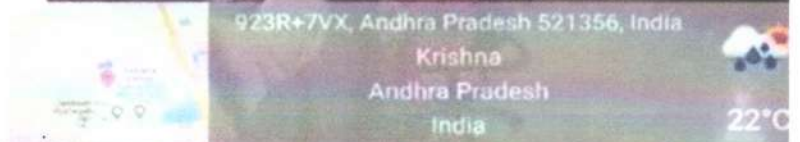
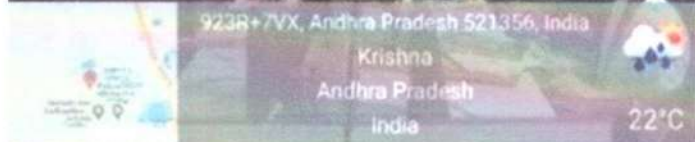



## Outcomes of the Program :

- Participants will gain a solid understanding of the fundamental concepts of Python programming. This includes learning about variables, data types, operators, control structures (such as loops and conditionals), functions, and basic input/output operations.
- Participants will become proficient in writing Python code and will be familiar with the syntax and structure of the language. They will learn how to write clean and readable code following Python's conventions and best practices.
- Workshops often include hands-on exercises and coding challenges to reinforce the concepts taught. Participants will have the opportunity to practice their programming skills by working on real-world problems and implementing various algorithms or applications.
- They will learn how to break down complex problems into smaller, manageable tasks and use Python's programming constructs to solve them efficiently.

No. of students enrolled the course: 61

No. of students completed the course: 61



  
Faculty Coordinator

  
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## DEPARTMENT OF INTERNET OF THINGS

### CIRCULAR

Date: 10-12-2021

The department of Internet of Things is organizing a Two Week Value - Added course on **"Fundamentals of Python Programming- II "** in Internet of Things from 13-12-2021 to 28-12-2021 by **Apply Volt Technologies Pvt.Ltd., Hyderabad** for I B Tech II Sem students of IoT, in virtual mode using Microsoft Teams. Hence, all the students are informed to enroll and attend the course without fail.

  
Coordinator

  
HOD (I/C)

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## Registration Information

- Faculty members working in AICTE approved institutes, Research Scholars and PG students are invited to register and participate in this python programming.
- There is no registration fee.
- Registration form: <https://tinyurl.com/fppiisdp>
- 80% attendance is mandatory is desirable to get an e-certificate of successful completion
- The shortlisted members from the registered participants will be communicated 5 days prior to the commencement of FDP.
- For any information about FDP and registration process, feel free to contact the convener and faculty coordinators.

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## Members

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**Dr..Mr.Ch.Sastry, Vice-Principal, Academics, SRGEC**

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**Dr. P. Nageswara Reddy, Director, PG Studies and Consultancy, SRGEC**  
**Dr. B.Karuna Kumar, Director, AS&A, SRGEC**

### CONVENER

**Dr. Y.Syamala, HOD-IOT, SRGEC**

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## VALUE ADDED COURSE

### A Two Week Value Added Course

**on**  
**Internet of Things:**  
**"Fundamentals of Python Programming-II"**  
**13-12-2021 to 28-12-2021**



Organized by

Department of Internet of Things (IOT)

**Seshadri Rao Gudlavalluru Engineering College**  
(Autonomous)  
**Seshadri Rao Knowledge Village**  
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Phone: 08674 - 273737, 273888,  
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## About fundamentals of python

### Objectives of the program:

- Introduce students to programming concepts and the Python language.
- Provide hands-on coding challenges to apply concepts.
- Emphasize good coding practices and equip students with a foundation for future programming projects.

### Topics Covered:

- Introduction to Python basics.
- Control statements and functions.
- Collections and file I/O.
- Review and practice.
- Object-oriented programming.
- Advanced topics.
- Web development with Python.
- Review and practice.

## Resource Persons

- Mr. N. Ramesh, CEO, Apply Volt Technologies, Hyderabad
- Team Apply Volt Technologies, Hyderabad

  
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## Department of Internet of Things

### Program Schedule for Value Added Course titled " Fundamentals of Python Programming-II"

13-12-2021 to 28-12-2021

S.No.	Date	Topics cover
1	13-12-2021 - 14-12-2021	<ul style="list-style-type: none"><li>•Introduction to Python basics<ol style="list-style-type: none"><li>1. Learn about variables, data types, and operators</li><li>2. Practice using print statements, input functions, and basic math operations</li></ol></li></ul>
2	15-12-2021 - 16-12-2021	<ul style="list-style-type: none"><li>•Control statements and functions<ol style="list-style-type: none"><li>1. Learn about conditionals and loops</li><li>2. Practice using functions and modular programming</li></ol></li></ul>
3	17-12-2021	<ul style="list-style-type: none"><li>•Collections and file I/O<ol style="list-style-type: none"><li>1. Learn about lists, tuples, and dictionaries</li><li>2. Practice reading and writing files using Python</li></ol></li></ul>
4	18-12-2021	<ul style="list-style-type: none"><li>•Review and practice<ol style="list-style-type: none"><li>1. Review the concepts covered in the first week</li><li>2. Practice coding exercises and small projects to reinforce what you've learned</li></ol></li></ul>
5	20-12-2021 - 21-12-2021	<ul style="list-style-type: none"><li>• Object-oriented programming<ol style="list-style-type: none"><li>1. Learn about classes and objects</li><li>2. Practice creating and using classes in Python</li></ol></li></ul>
6	22-12-2021 - 25-12-2021	<ul style="list-style-type: none"><li>• Advanced topics<ol style="list-style-type: none"><li>1. Learn about modules, packages, and libraries</li><li>2. Practice using popular Python libraries, such as NumPy and Pandas</li></ol></li></ul>
7	26-12-2021 27-12-2021	<ul style="list-style-type: none"><li>•Web development with Python<ol style="list-style-type: none"><li>1. Learn about web frameworks, such as Flask and Django</li><li>2. Practice building a simple web application using Python</li></ol></li></ul>
8	28-12-2021	<ul style="list-style-type: none"><li>• Review and practice Review the concepts covered in the second week</li></ul>

  
Faculty Coordinator

  
HoD, IoT

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





**SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE ( Code: 48 )**  
**Approved By AICTE., Affiliated to JNTUK, (An Autonomous Institute)**  
**Seshadri Rao Knowledge Village, Gudlavalleru, 521356, Krishna District.**

**STUDENTS ENROLMENT LIST**

List of Students Enrolled for the Value-Added Course titled "Fundamentals of Python Programming II"  
13-12-2021 to 28-12-2021


Sl.No	Roll.No	Student Name	E-mail
1.	20481A6052	VENNA MOHAN DURGA RAGHAVA NAIDU	vmdrnaidu1119@gmail.com
2.	21481A6001	ALAPATI HEMA SANKEERTHANA	sankeerthanaalapati@gmail.com
3.	21481A6002	ALAPATI JAHNAVI	alapatijahnavichowdary7141@gmail.com
4.	21481A6003	BANDARU PADMA PRASANNA	padmaprasannabandaru246@gmail.com
5.	21481A6004	BANDELA MOHAN	mohanchandu2400@gmail.com
6.	21481A6005	BATCHU VIGNESH	vigneshbatchu8@gmail.com
7.	21481A6006	BATHULA SUMA	sumabathula3@gmail.com
8.	21481A6007	BAVIREDDY MOUNIKA	mounikabavireddy6@gmail.com
9.	21481A6009	BURAGAPALLI KAMACHARI	kamacharivarrier@gmail.com
10.	21481A6010	CHAGAMREDDY SARATH REDDY	chagamsarath@gmail.com
11.	21481A6011	CHATRAGADDA ROSHITH	roshithroy@gmail.com
12.	21481A6012	CHEEKATI YASWANTH KUMAR	yaswanthkumar4k123@gmail.com
13.	21481A6013	CHEEKURTHI UJWAL KUMAR	praveencheekurthi@gmail.com
14.	21481A6014	CHILLARA SRI MANJUNADH	mchillarasri@gmail.com
15.	21481A6015	DAKARAPU JEEVAN RAJU	jeevanrajdakarapu@gmail.com
16.	21481A6016	DHUPATI DEEPAK	dhupatideepak@gmail.com
17.	21481A6017	JALLURI TWINKLE NAGA PAVAN LIKITH	jallurilikith@gmail.com
18.	21481A6018	JAVVAJI JASMITHA	jasmithajavvaji04@gmail.com
19.	21481A6019	KAKULLA SRAVANI	sravanikakulla77@gmail.com
20.	21481A6020	KAMMILI SASI POOJITHA	kammilisasipoojitha123@gmail.com
21.	21481A6021	KANUMURI HARSHA VARDHAN	babbukanumuri21@gmail.com
22.	21481A6022	KARRE VIDYA SAGAR	vidyasagarkarre333777@gmail.com
23.	21481A6023	KATRAGADDA GEETHANJALI	geethajalikatragadda@gmail.com
24.	21481A6024	KATTA LOKESH BABU	kattalokeshbabuk@gmail.com
25.	21481A6025	KAZZAYAM SURYA TEJA	kazzayamsuryateja@gmail.com
26.	21481A6026	KONDAPATURI MANOGNA	kondasudhakar878@gmail.com

Principal  
Seshadri Rao Gudlavalleru Engineering College  
Gudlavalleru, Krishna District  
521356



27.	21481A6027	KORIVI KAVITHA	yaswanthreddykorivi@gmail.com
28.	21481A6028	KOTA ANITHA	anithakota999@gmail.com
29.	21481A6029	KUNAPAREDDY YASASWI	yasaswikunapareddy19@gmail.com
30.	21481A6030	LAKSHMI PRIYA MAYARA	priyamayara954@gmail.com
31.	21481A6031	MACHERLA SUNANDA	macherlasunandu@gmail.com
32.	21481A6032	MALLAMPALLI KARTHIK SAI	karthiksai1103@gmail.com
33.	21481A6033	MANDA SAI CHARAN	prasadsujathaadhuruparthi@gmail.com
34.	21481A6034	MANDAVA NAGA AKSHITHA	mandavanagaakshita@gmail.com
35.	21481A6035	MANI SAHITYA PARVATHANENI	sahithayaparvataneni@gmail.com
36.	21481A6036	MARABATHULA MANIKANTA	marabattulamanikanta97012@gmail.com
37.	21481A6037	MIRZA SAHIL ALI	sahilalimirza57@gmail.com
38.	21481A6038	MURARI GIREESH SAI	gireeshsaimurari@gmail.com
39.	21481A6039	MURARI VENKATA SAI MANOJ	manojmurari357@gmail.com
40.	21481A6040	NAGA SAI PREETHI DOKKU	preethins32@gmail.com
41.	21481A6041	NALLURI MAHESH CHOWDARY	maheshnalluri345@gmail.com
42.	21481A6042	NALLURU NIHARIKA	niharikanalluru@gmail.com
43.	21481A6043	NANDIPAMULA MANEESHA	nandipamulamaneesha@gmail.com
44.	21481A6044	NANGIGEDDA JAHEER	jaheernangigedda@gmail.com
45.	21481A6045	PACHHA KRUPA BABU	pachhakrupababu@gmail.com
46.	21481A6046	PALA YAMANI SUPRIYA	palasivakumar1@gmail.com
47.	21481A6047	PAMARTHI PRABHAS VENKAT GOWTHAM	venkatgowtham1217@gmail.com
48.	21481A6048	PERUMPRATH ANILKUMAR AKHIL	akhilkannan1531@gmail.com
49.	21481A6049	PINDI RESHMI	reshmireddy013@gmail.com
50.	21481A6050	PUPPALA POTHU RAJU	puppalapothuraju@gmail.com
51.	21481A6051	SARIKONDA JAI LAKSHMI RAGHAVENDRA	jlsarikonda28@gmail.com
52.	21481A6052	S V P K V NAGA VARSHA	seshamvarsha@gmail.com
53.	21481A6053	SHAIK ROKHIYA	skrokhiya994@gmail.com
54.	21481A6054	TALARI YESWANTH BABU	yeswanthtalari93@gmail.com
55.	21481A6055	THAMMISETTI DHEERAJ KUMAR	thammisettidheerajkumar86@gmail.com
56.	21481A6056	THORLIKONDA MEENU TEJA	meenuthorlikonda2474@gmail.com
57.	21481A6057	THOTA SAI GANDHI	gandhismart123111@gmail.com
58.	21481A6058	TIRUMALASETTI SANTHI SWAROOP	santhiswaro@gmail.com
59.	21481A6059	UPPULURI MOUNIKA	uppulurimounika18@gmail.com
60.	21481A6060	YARLAGADDA JASHUVA	jashuvay8@gmail.com
61.	21481A6061	YERRAMSETTY JYOTHI	yerramsettyjyothi2002@gmail.com

  
Faculty Coordinator

  
HoD, IoT

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



## **SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE**

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

**Seshadri Rao Knowledge Village, Gudlavalleru, Krishna District, 521356**

### **Summary Report on Value Added Course titled “Fundamentals of Python Programming-II” in Internet of Things 13-12-2021 to 28-12-2021**

**Title of the course:** “Fundamentals of Python Programming-II” in Internet of Things

**Duration:** 13-12-2021 to 28-12-2021

**Resource Persons:**

- Mr. N. Ramesh, CEO, Apply Volt Technologies, Hyderabad
- Team Apply Volt Technologies, Hyderabad

• **Objectives of the program:**

- The objective is to have code that is clear and expressive, allowing for efficient collaboration and maintenance.
- aims to provide a user-friendly and beginner-friendly programming language.
- enables developers to create applications that can be easily deployed and executed on different platforms..

**Topics Covered:**

- Introduction to Python basics
- Control statements and functions
- Collections and file I/O
- Review and practice
- Object-oriented programming
- Advanced topics
- Web development with Python
- Review and practice



### Outcomes of the Program :

- Participants will gain a solid understanding of the fundamental concepts of Python programming. This includes learning about variables, data types, operators, control structures (such as loops and conditionals), functions, and basic input/output operations.
- Participants will become proficient in writing Python code and will be familiar with the syntax and structure of the language. They will learn how to write clean and readable code following Python's conventions and best practices.
- Workshops often include hands-on exercises and coding challenges to reinforce the concepts taught. Participants will have the opportunity to practice their programming skills by working on real-world problems and implementing various algorithms or applications.

No. of students enrolled the course: 66

No. of students completed the course: 66



  
Faculty Coordinator

  
HoD, IoT

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





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Seshadri Rao Knowledge Village  
Gudlavalleru – 521 356, Krishna District, Andhra Pradesh

**DEPARTMENT OF BUSINESS AND MANAGEMENT STUDIES**

Dt: 16-08-2021.

**NOTICE**

Department of Business and Management Studies is planned to conduct a three-week Value Added Course on “**Team Leadership Skills**” for the Academic year 2020-21 for the benefit of MBA (previous) and I & II B.Tech students. This course is scheduled from Dt: 23-08-2021 to 11-09-2021.

All the students are requested to register their names with the department on or before Dt: 21-08-2021 and attend classes without fail.

**HOD**

HODs – CE / EEE / ME / ECE / CSE / IT.

CE

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EEE

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ME

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ECE

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CSE

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IT

:

**PRINCIPAL**

**PRINCIPAL**

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Gudlavalleru Engineering College

Seshadri Rao Knowledge Village

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

## REGISTRATON FORM

*A Three Week  
Value Added Course*  
on  
Team Leadership Skills

1. Name:
2. Branch:
3. Year & Semester:
4. Contact No:
5. Email ID:

Signature of Participant

Date:

## COLLEGE OFFICIALS

Dr.Nageswara Rao Vallurupalli  
Chairman  
Er.Satyanarayana Rao Vallurupalli  
Secretary & Correspondent  
Sri.Ramakrishana Vallurupalli  
Co-Secretary & Correspondent  
Dr.G.V.S.N.R.V. Prasad  
Principal

## ADVISORY COMMITTEE

Dr.M. R. Ch. Sastry Vice-Principal &  
Professor, ME.

### CHAIRMAN

Dr.Ch. Nirmal Chand, Professor & HOD,  
MBA.

### COORDINATORS

Dr. S Madhavi, Assoc. Professor of MBA.

### MEMBERS:

II MBA Students of MBA

=====

**Eligibility:** MBA (final) and III & IV B.Tech  
students.

**For further communication:**  
MBA Department; 9848779134.

**Free Registration**

*A Three Week  
Value Added Course*

on  
Team Leadership Skills  
For the Academic Year  
2020-21  
23<sup>rd</sup> Aug – 11<sup>th</sup> Sep, 2021



Organized by

Department of Business and Management  
Studies

**SESHADRI RAO GUDLAVALLERU  
ENGINEERING COLLEGE**

(An Autonomous Institute Affiliated to JNTUK,  
Kakinada)

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

**APPROVED BY AICTE, NEW DELHI,  
RECOGNIZED BY A.P STATE GOVT. &  
ACCREDITED BY NAAC NBA**  
Seshadri Rao Knowledge Village:: Gudlavalluru,  
Krishna Dist., 521356, AP.  
Phone: 08674-273737, 273888; Fax: 08674-  
273957

E-Mail: [cegeec@gmail.com](mailto:cegeec@gmail.com)  
Website: [www.gudlavallur.ac.in](http://www.gudlavallur.ac.in)

**PRINCIPAL**  
**Seshadri Rao**  
**Gudlavalluru Engineering College**  
**Seshadri Rao Knowledge Village**  
**Gudlavalluru - 521 356 Krishna District. A.P.**

### **GUDLAVALLERU ENGINEERING COLLEGE (GEC):**

Gudlavalleru Engineering College was established in the year 1998 by M/s. A.A.N.M. & V.V.R.S.R. Educational Society, Gudlavalleru. Gudlavalleru. The College is situated in Gudlavalleru and is surrounded by lush green fields with serene environment. The college offers B.Tech. Programmes in eight branches of Engineering, viz., Civil, Electrical and Electronics, Mechanical, Electronics and Communication Computer Science, Information Technology, Artificial Intelligence & Data Science and, Internet of Things and PG courses in Business Management (MBA), M.Tech. (VLSI Design & ES), M.Tech (CSE(AI&ML)), M.Tech (PEED), M.Tech (SE) and M.Tech (MD). GEC is permanently affiliated to JNTUK, Kakinada. Four of the UG Programmes got accreditation status under Tier-I of NBA. The college is accredited by NAAC with 'A' Grade.

### **ABOUT MBA DEPARTMENT**

The Department of Business and Management Studies was established in the year 2006 and is offering two year Post Graduate programme with an intake of 120. The department has qualified and experienced faculty and well equipped Library and Lab. The Department is marching forward by keeping pace with the emerging challenges in Management.

### **VALUE ADDED COURSE:**

A value-added course on team leadership skills covers team building, conflict resolution, motivation, delegation, and other relevant topics. This course helps students enhance their leadership abilities, promote collaboration, achieve organizational goals, and develop critical thinking and problem-solving skills. It is a valuable asset to a student's career growth, especially for leadership positions.

In today's dynamic workplace, effective team leadership skills are crucial for success. Organizations require competent leaders who can manage and lead teams to achieve their goals. A value-added course on team leadership skills can help students develop the necessary skills and knowledge to become effective team leaders.

A value-added course on team leadership skills improves job performance and productivity, enhances employability and career prospects, promotes collaboration and teamwork for organizational success, and increases confidence in managing and leading teams. Students gain a competitive edge in the job market and build strong relationships with team members and stakeholders. Overall, this course equips students with necessary skills to become effective team leaders and contributes significantly to their career growth and success.

### **The objectives of a value-added course on "Team Leadership Skills" could include:**

1. Developing an understanding of team dynamics and effective leadership principles
2. Enhancing problem-solving and critical thinking skills
3. Learning to motivate and inspire team members
4. Developing conflict resolution and negotiation skills
5. Enhancing decision-making abilities

### **Expected Outcomes of the course:**

1. Develop the necessary skills to manage and lead teams effectively
2. Build and maintain strong relationships with team members and stakeholders
3. Promote collaboration and teamwork within their organization
4. Improve decision-making abilities and problem-solving skills
5. Increase productivity and achieve organizational goals

### **RESOURCE PERSON**

**Dr. Ch Nirmal Chand**, Professor & Head, MBA.

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





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

**Program Schedule for the Value-Added Course titled "Team Leadership Skills"**  
(23-08-2021 to 11-09-2021)

S.No.	Date	Topics to be Covered
1	8/23/2021	Overview of team leadership, understanding the role of a team leader
2	8/24/2021	Characteristics of an effective team leader, leadership styles, and approaches
3	8/25/2021	Building and Managing High-Performing Teams
4	8/26/2021	Effective communication
5	8/27/2021	Active listening skills
6	8/28/2021	Conflict resolution
7	8/31/2021	Problem-solving techniques
8	9/1/2021	Delegation and time management for team leaders
9	9/2/2021	Delegation and time management for team leaders
10	9/3/2021	Motivation
11	9/4/2021	team morale-building strategies
12	9/6/2021	Decision-making
13	9/7/2021	critical thinking skills
14	9/8/2021	Succession Planning
15	9/9/2021	Performance Appraisal, and Career Development

  
Co-Ordinator

  
Head of the Department

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



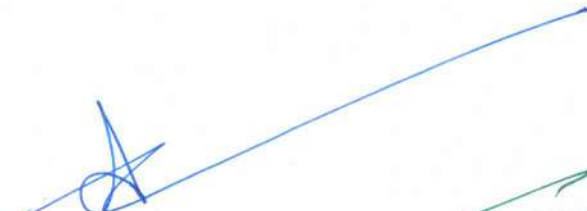
**SESHADRI RAO**  
**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru - 521 356, Krishna Dist., A.P

**List of Students Enrolled for the Value-Added Course titled "Team Leadership Skills"**  
**(23-08-2021 to 11-09-2021)**

Sl.No	Roll No.	Name of the Candidate
1	20481E0002	Adusumilli Sindhuja
2	20481E0003	Badina Ramu
3	20481E0004	Bandi Divya Tejaswi
4	20481E0006	Battula Vaishnavi
5	20481E0007	Bommidi Prasanna Lakshmi
6	20481E0008	Boppudi Venkata Sai Krishna
7	20481E0009	Chalapati Leela Mani Kumari
8	20481E0010	Chillumuntha Jayaramya
9	20481E0012	Dokku Navya
10	20481E0013	Dusanapudi Sai Shankar
11	20481E0014	Eede Vamsi
12	20481E0016	Gandhavarapu Janaki
13	20481E0017	Golla Rohitha
14	20481E0018	Gollapalli Ushasri
15	20481E0019	Gudapati Sricharan
16	20481E0021	Jampana Sravani
17	20481E0022	Jogi Siva Sai Krishna
18	20481E0023	Jupalli Mounika
19	20481E0024	Kaithepalli Peddintlu
20	20481E0025	Kalidindi Sai
21	20481E0027	Kanamarlapudi Venkata Phani Krishna
22	20481E0028	Katta Naga Venkata Mamatha
23	20481E0029	Kodali Raju
24	20481E0030	Koduru Chinni Raghavamma
25	20481E0031	Kolipara Chinnari Manikanta
26	20481E0033	Manne Lakshmi Nagasirisha
27	20481E0034	Manthi Padmini
28	20481E0035	Manukonda Lalithanjali
29	20481E0036	Mohammad Zareena
30	20481E0037	Mukku Kumara Swamy
31	20481E0038	Nalluri Sundhar Singh

Sl.No	Roll No.	Name of the Candidate
32	20481E0039	Nalluri Venkata Anand Narasimha Murthi
33	20481E0040	Nannepuneni Trisha
34	20481E0041	Paluri Hema Latha
35	20481E0042	Peddi Kusumadhar
36	20481E0043	Polavarapu Dharani
37	20481E0044	Pothuri Ananda Lakshmi
38	20481E0046	Puritipati Manvitha
39	20481E0047	Shaik Akbharbasha
40	20481E0048	Tamanala Vennela
41	20481E0050	Tankala Dhana Lakshmi
42	20481E0051	Yerramsetti Yuva Rani

  
Co-Ordinator

  
Head of the Department

  
**Principal**  
**PRINCIPAL**  
**Seshadri Rao**  
Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
Gudlavalleru - 521 350, Krishna District, A.P.





**SESHADRI RAO**  
**GUDLAVALLERU ENGINEERING COLLEGE**  
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Seshadri Rao Knowledge Village  
Gudlavalleru – 521 356, Krishna District, Andhra Pradesh

**DEPARTMENT OF BUSINESS AND MANAGEMENT STUDIES**

**Report on Value Added Course Titled “Team Leadership Skills” conducted during 23-08-2021 to 11-09-2021**

**Title of the Course:** “Team Leadership Skills”

**Duration:** 23-08-2021 to 11-09-2021

**Resource Person:** Dr. Ch Nirmal Chand, Prof. & Head, MBA.

**Objectives of the Program:**

- Developing an understanding of team dynamics and effective leadership principles
- Enhancing problem-solving and critical thinking skills
- Developing conflict resolution and negotiation skills
- Enhancing decision-making abilities
- Learning to delegate effectively

**Topics Covered:**

- Conflict resolution and
- Problem-solving techniques
- Succession Planning
- Performance Appraisal
- Career Development

**Outcomes of the Program:**

- Develop the necessary skills to manage and lead teams effectively
- Promote collaboration and teamwork within their organization
- Improve decision-making abilities and problem-solving skills
- Increase productivity and achieve organizational goals
- Enhance their employability and career prospects

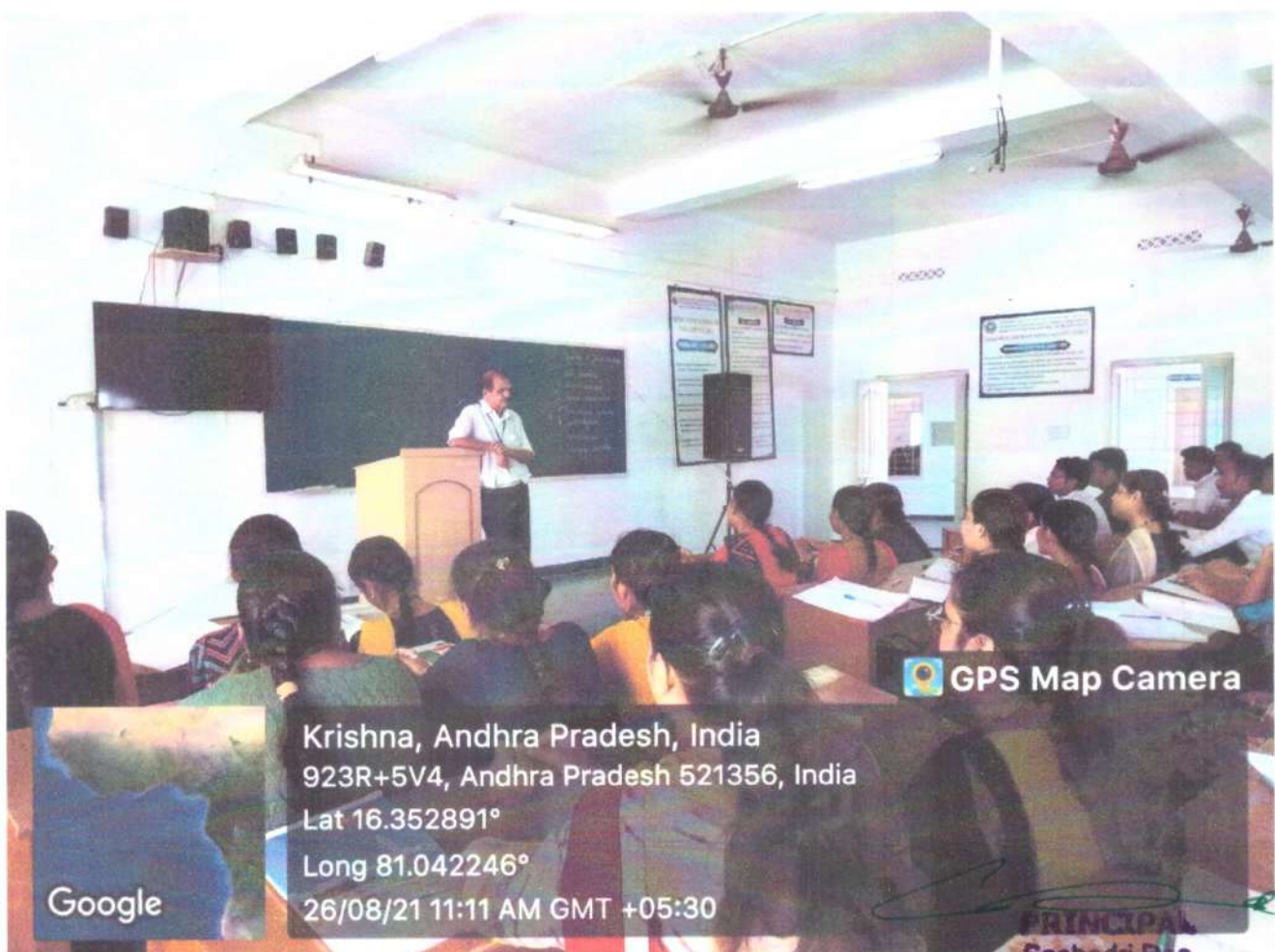
**No. of Students Registered: 42**

**No. of Students Completed: 38**

  
**Co-Ordinator**

  
**Head of the Department**

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



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Gudlavaluru - 521 358, Krishna District, A.P.





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Seshadri Rao Knowledge Village  
Gudlavalleru – 521 356, Krishna District, Andhra Pradesh

**DEPARTMENT OF BUSINESS AND MANAGEMENT STUDIES**

Dt: 12-04-2021.

**NOTICE**

Department of Business and Management Studies is planned to conduct a three-week Value Added Course on “**Digital Marketing**” for the Academic year 2020-21 for the benefit of MBA (final) and III & IV B.Tech students. This course is scheduled from Dt: 19-04-2021 to 07-05-2021.

All the students are requested to register their names with the department on or before Dt: 17-04-2021 and attend classes without fail.

  
**HOD**

HODs – CE / EEE / ME / ECE / CSE / IT.

CE

:



EEE

:



ME

:



ECE

:



CSE

:



IT

:





  
**PRINCIPAL**

**PRINCIPAL**

Seshadri Rao

Gudlavalleru Engineering College

Seshadri Rao Knowledge Village

Gudlavalleru - 521 356, Krishna District A.P.



## REGISTRATON FORM

*A Three Week  
Value Added Course*  
on  
**Digital Marketing**

1. Name:
2. Branch:
3. Year & Semester:
4. Contact No:
5. Email ID:

Signature of Participant

Date:

## COLLEGE OFFICIALS

Dr.Nageswara Rao Vallurupalli  
Chairman  
Er.Satyanarayana Rao Vallurupalli  
Secretary & Correspondent  
Sri.Ramakrishana Vallurupalli  
Co-Secretary & Correspondent  
Dr.G.V.S.N.R.V. Prasad  
Principal

## ADVISORY COMMITTEE

Dr.M. R. Ch. Sastry Vice-Principal &  
Professor, ME.

### CHAIRMAN

Dr.Ch. Nirmal Chand, Professor & HOD,  
MBA.

### COORDINATORS

Dr. S Madhavi, Assoc. Professor of MBA.

### MEMBERS:

II MBA Students of MBA

=====

**Eligibility:** MBA (final) and III & IV B.Tech  
students.

**For further communication:**  
MBA Department; 9848779134.

**Free Registration**

*A Three Week  
Value Added Course*

on  
**Digital Marketing**  
For the Academic Year  
2020-21  
19<sup>th</sup> Apr – 7<sup>th</sup> May, 2021



*Organized by*

**Department of Business and Management  
Studies**

**GUDLAVALLERU ENGINEERING  
COLLEGE**

(An Autonomous Institute Affiliated to JNTUK,  
Kakinada)

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

**APPROVED BY AICTE, NEW DELHI,  
RECOGNIZED BY A.P STATE GOVT. &  
ACCREDITED BY NAAC NBA**

Seshadri Rao Knowledge Village:: Gudlavalluru,  
Krishna Dist., 521356, AP.

Phone: 08674-273737, 273888; Fax: 08674-  
273957

E-Mail: csegec@gmail.com  
Website: www.gecgudlavalleu.ac.in

### **GUDLAVALLERU ENGINEERING COLLEGE (GEC):**

Gudlavalleru Engineering College was established in the year 1998 by M/s. A.A.N.M. & V.V.R.S.R. Educational Society, Gudlavalleru. Gudlavalleru. The College is situated in Gudlavalleru and is surrounded by lush green fields with serene environment. The college offers B.Tech. Programmes in eight branches of Engineering, viz., Civil, Electrical and Electronics, Mechanical, Electronics and Communication Computer Science, Information Technology, Artificial Intelligence & Data Science and, Internet of Things and PG courses in Business Management (MBA), M.Tech. (VLSI Design & ES), M.Tech (CSE(AI&ML)), M.Tech (PEED), M.Tech (SE) and M.Tech (MD). GEC is permanently affiliated to JNTUK, Kakinada. Four of the UG Programmes got accreditation status under Tier-I of NBA. The college is accredited by NAAC with 'A' Grade.

### **ABOUT MBA DEPARTMENT**

The Department of Business and Management Studies was established in the year 2006 and is offering two year Post Graduate programme with an intake of 120. The department has qualified and experienced faculty and well equipped Library and Lab. The Department is marching forward by keeping pace with the emerging challenges in Management.

### **VALUE ADDED COURSE:**

A value-added course on "Digital Marketing" would cover various topics related to the online marketing of products and services. The course would focus on providing students with practical knowledge and skills related to digital marketing, as well as an understanding of the strategic and tactical considerations involved in designing and executing digital marketing campaigns.

A value-added course on digital marketing can benefit a student's career by providing in-demand skills and a competitive edge in the job market. It is a versatile field with various channels, making it a good career choice for different industries. Completing the course can also offer entrepreneurial opportunities.

Digital marketing has become an essential component of modern-day marketing strategies for businesses and organizations of all sizes. The explosive growth of digital channels such as social media, email, and search engines has created a need for professionals who can effectively leverage these channels to drive business growth. A value-added course on "Digital Marketing" can help students acquire the skills and knowledge necessary to meet the growing demand for digital marketing professionals and gain a competitive edge in the job market.

### **The objectives of a value-added course on "Digital Marketing" could include:**

1. Provide an overview of digital marketing, including its various channels.
2. Familiarize students with the tools and technologies used in digital marketing.
3. Teach students how to develop and execute digital marketing campaigns.
4. Cover best practices for creating effective email marketing campaigns.
5. Provide an understanding of content marketing strategies and tactics.

### **Expected Outcomes of the course:**

- Acquire a strong foundation in the fundamental concepts and principles of digital marketing.
- Gain practical skills in developing and executing digital marketing campaigns across various channels.
- Develop proficiency in using digital marketing tools and technologies to create and manage campaigns.

### **RESOURCE PERSON**

**Dr. S Madhavi**, Assoc. Prof., MBA.





## GUDLAVALLERU ENGINEERING COLLEGE

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

### Program Schedule for the Value-Added Course titled "Digital Marketing" (19-04-2021 to 07-05-2021)

S.No.	Date	Topics Covered
1	4/19/2021	Overview of Digital Marketing, Importance and relevance of Digital Marketing in modern business
2	4/20/2021	Types of Digital Marketing: Search Engine Optimization (SEO), Pay-Per-Click Advertising (PPC), Email Marketing, Social Media Marketing
3	4/22/2021	Tools and software used in Digital Marketing: Google Analytics, Google AdWords, Mailchimp
4	4/23/2021	Tools and software used in Digital Marketing: Google Analytics, Google AdWords, Mailchimp
5	4/24/2021	Website design and development
6	4/26/2021	User Experience (UX) design
7	4/27/2021	Content Marketing
8	4/28/2021	Copywriting, and Blogging
9	4/29/2021	Search Engine Marketing (SEM)
10	4/30/2021	Keyword Research, and Competitor Analysis
11	5/1/2021	Social Media Optimization (SMO)
12	5/3/2021	Social Media Advertising, and Influencer Marketing
13	5/4/2021	Mobile Marketing
14	5/5/2021	App Store Optimization (ASO), and Mobile Advertising
15	5/6/2021	Digital Marketing Strategy
16	5/7/2021	Budgeting, and Performance Measurement

  
Head of the Department

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





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

### List of Students Enrolled for the Value-Added Course titled "Digital Marketing" (19-04-2021 to 07-05-2021)

SLNo.	Roll No.	Name of the Candidate
1	19481E0001	ADDALA VIJAYA LAKSHMI
2	19481E0002	ADDANKI N KUMARI
3	19481E0003	AGNIHOTRAM GAYATHRI
4	19481E0004	ALA DEEPIKA
5	19481E0005	ANGIREKULA VENKATA LAKSHMI SRILEKHA
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14	19481E0016	EPURI NAGARJUNA
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16	19481E0018	GANDHAM ELISHA
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18	19481E0021	GOTTIPATI GOPI KRISHNA
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27	19481E0032	KATURI ASHOK
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29	19481E0034	KOLAPALLI KALYANI
30	19481E0035	KOLLIPARA YAMINI

Sl.No.	Roll No.	Name of the Candidate
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67	19481E0082	TEEDA HEMALATHA

Sl.No.	Roll No.	Name of the Candidate
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73	19481E0088	YARAJARLA SRI LATHA
74	19481E0089	YARLAGADDA RAMYA
75	19481E0090	YEKULA RAJESH

  
Head of the Department

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





**GUDLAVALLERU ENGINEERING COLLEGE**  
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Seshadri Rao Knowledge Village  
Gudlavalleru – 521 356, Krishna District, Andhra Pradesh

**DEPARTMENT OF BUSINESS AND MANAGEMENT STUDIES**

**Report on Value Added Course Titled “Digital Marketing” conducted during 19-04-2021 to 07-05-2021**

**Title of the Course:** “Digital Marketing”

**Duration:** 19-04-2021 to 07-05-2021

**Resource Person:** Dr. S Madhavi, Assoc. Prof., MBA.

**Objectives of the Program:**

- To learn about Digital Marketing and its importance in business today.
- To understand different types of Digital Marketing and the tools and software used in it.
- To acquire skills in website design, creating user-friendly experiences, and content marketing.
- To develop an understanding of how Digital Marketing affects businesses.

**Topics Covered:**

- Search Engine Optimization (SEO)
- Pay-Per-Click Advertising (PPC)
- User Experience (UX) design
- Search Engine Marketing (SEM)
- Social Media Optimization (SMO)
- App Store Optimization (ASO)

**Outcomes of the Program:**

1. A good understanding of Digital Marketing and its impact on businesses.
2. The ability to choose the right type of Digital Marketing for a business and use various tools and software.
3. The ability to apply advanced Digital Marketing techniques for business growth.
4. Knowledge of how Digital Marketing affects businesses.

**No. of Students Registered:** 75

**No. of Students Completed:** 72

  
Co-Ordinator

  
Head of the Department

  
**Principal**  
**PRINCIPAL**  
Seshadri Rao  
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Gudlavalleru - 521 356, Krishna District, A.



**GUDLAVALLERU ENGINEERING COLLEGE**  
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Seshadri Rao Knowledge Village  
Gudlavalleru – 521 356, Krishna District, Andhra Pradesh

**DEPARTMENT OF BUSINESS AND MANAGEMENT STUDIES**

Dt: 27-01-2021.

**NOTICE**

Department of Business and Management Studies is planned to conduct a three-week Value Added Course on “**Introduction to Business Analytics**” for the Academic year 2020-21 for the benefit of MBA (final) and III & IV B.Tech students. This course is scheduled from Dt: 01-02-2021 to 20-02-2021.

All the students are requested to register their names with the department on or before Dt: 31-01-2020 and attend classes without fail.

  
**HOD**

  
**PRINCIPAL**

HODs – CE / EEE / ME / ECE / CSE / IT.

CE

:



EEE

:



ME

:



ECE

:



CSE

:



IT

:



## REGISTRATON FORM

*A Three Week  
Value Added Course*  
on  
**Introduction to Business Analytics**

1. Name:
2. Branch:
3. Year & Semester:
4. Contact No:
5. Email ID:

Signature of Participant

Date:

## COLLEGE OFFICIALS

Dr.Nageswara Rao Vallurupalli  
Chairman  
Er.Satyanarayana Rao Vallurupalli  
Secretary & Correspondent  
Sri.Ramakrishana Vallurupalli  
Co-Secretary & Correspondent  
Dr.G.V.S.N.R.V. Prasad  
Principal

## ADVISORY COMMITTEE

Dr.M. R. Ch. Sastry Vice-Principal &  
Professor, ME.

### CHAIRMAN

Dr.Ch. Nirmal Chand, Professor & HOD,  
MBA.

### COORDINATORS

Dr. S Madhavi, Assoc. Professor of MBA.

### MEMBERS:

II MBA Students of MBA

=====

**Eligibility:** MBA (final) and III & IV B.Tech  
students.

**For further communication:**  
MBA Department; 9848779134.

**Free Registration**

*A Three Week  
Value Added Course*

on  
**Introduction to Business Analytics**

For the Academic Year

2020-21

**1<sup>st</sup> Feb – 20<sup>th</sup> Feb, 2021**



*Organized by*

**Department of Business and Management  
Studies**

**GUDLAVALLERU ENGINEERING  
COLLEGE**

(An Autonomous Institute Affiliated to JNTUK,  
Kakinada)

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

**APPROVED BY AICTE, NEW DELHI,  
RECOGNIZED BY A.P STATE GOVT.  
& ACCREDITED BY NAAC NBA**

Seshadri Rao Knowledge Village:: Gudlavaluru,  
Krishna Dist., 521356, AP.

Phone: 08674-273737, 273888; Fax: 08674-  
273957

E-Mail: csegec@gmail.com

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### **GUDLAVALLERU ENGINEERING COLLEGE (GEC):**

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### **ABOUT MBA DEPARTMENT**

The Department of Business and Management Studies was established in the year 2006 and is offering two year Post Graduate programme with an intake of 120. The department has qualified and experienced faculty and well equipped Library and Lab. The Department is marching forward by keeping pace with the emerging challenges in Management.

### **VALUE ADDED COURSE:**

A value-added course on "Introduction to Business Analytics" would provide students with the knowledge and skills necessary to analyze and interpret large data sets to make informed business decisions. The course would cover topics such as data visualization, statistical analysis, predictive modeling, and data mining.

The course would be beneficial for students who are interested in pursuing a career in business or data analysis. It would also be useful for professionals looking to enhance their skills in data analysis or business intelligence.

In today's data-driven business environment, there is an increasing need for professionals who can analyze and interpret large data sets to make informed decisions. A value-added course on "Introduction to Business Analytics" is essential to equip students with the skills and knowledge necessary to succeed in this field and meet the growing demand for data analysts and business intelligence professionals. Having employees with strong data analysis skills can give businesses a competitive advantage by enabling them to make data-driven decisions that improve efficiency, reduce costs, and increase revenue.

### **The objectives of a value-added course on "Introduction to Business Analytics" could include:**

- To provide an overview of the basic concepts and terminology related to business analytics.
- To present data in a visually appealing way using visualization tools.
- To familiarize students with statistical techniques and how to apply these techniques to analyze and interpret data.
- To teach students how to use predictive modeling techniques to forecast future trends.
- To cover data mining techniques.
- To provide real-world examples.

### **Expected Outcomes of the course:**

- Knowledge and understanding of the basic concepts
- Proficiency in using data visualization tools
- Ability to apply statistical techniques
- Ability to analyze and interpret large data sets.

### **RESOURCE PERSON**

**Mr. Hemanth Kumar T**, Asst. Prof., MBA.



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Seshadri Rao Knowledge Village, Gudlavalleru - 521 356, Krishna Dist., A.P

### Program Schedule for the Value-Added Course titled "Introduction to Business Analytics" (01-02-2021 to 20-02-2021)

S.No.	Date	Topics Covered
1	2/1/2021	Overview of Business Analytics
2	2/2/2021	Importance and relevance of business analytics in decision-making
3	2/3/2021	Types of analytics: Descriptive, Predictive, and Prescriptive
4	2/4/2021	Types of analytics: Descriptive, Predictive, and Prescriptive
5	2/5/2021	Tools and software used in Business Analytics: Excel, R, Tableau
6	2/6/2021	Tools and software used in Business Analytics: Excel, R, Tableau
7	2/8/2021	Data types and measurement scales
8	2/9/2021	Data types and measurement scales
9	2/10/2021	Data Collection and Cleaning
10	2/11/2021	Data Collection and Cleaning
11	2/12/2021	Exploratory Data Analysis (EDA)
12	2/13/2021	Exploratory Data Analysis (EDA)
13	2/15/2021	Principles of Data Visualization
14	2/16/2021	Tools and software used in Data Visualization: Tableau, Power BI
15	2/17/2021	Tools and software used in Data Visualization: Tableau, Power BI
16	2/18/2021	Best practices in Data Visualization
17	2/19/2021	Linear Regression, Logistic Regression
18	2/20/2021	Time Series Analysis

  
Head of the Department

  
Principal  
**PRINCIPAL**  
Seshadri Rao  
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Seshadri Rao Knowledge Village, Gudlavalluru - 521 356, Krishna Dist., A.P

### List of Students Enrolled for the Value-Added Course titled "Introduction to Business Analytics" (01-02-2021 to 20-02-2021)

Sl.No.	Roll No.	Name of the Candidate
1	19481E0001	ADDALA VIJAYA LAKSHMI
2	19481E0002	ADDANKI N KUMARI
3	19481E0003	AGNIHOTRAM GAYATHRI
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Head of the Department

  
**Principal**  
**PRINCIPAL**  
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Gudlavalleru – 521 356, Krishna District, Andhra Pradesh

**DEPARTMENT OF BUSINESS AND MANAGEMENT STUDIES**

**Report on Value Added Course Titled “Introduction to Business Analytics” conducted during 01-02-2021 to 20-02-2021**

**Title of the Course:** “Introduction to Business Analytics”

**Duration:** 01-02-2021 to 20-02-2021

**Resource Person:** Hemanth Kumar T, Asst. Prof., MBA.

**Objectives of the Program:**

- Understand the importance of business analytics in decision-making.
- Learn about the different types of analytics: descriptive, predictive, and prescriptive.
- Gain familiarity with tools and software used in business analytics, such as Excel, R, and Tableau.
- Learn about different data types and how they are measured.
- Learn how to collect and clean data and perform exploratory data analysis.

**Topics Covered:**

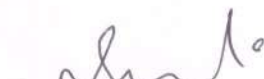
- |                                     |                        |
|-------------------------------------|------------------------|
| ➤ MS Excel                          | ➤ Power BI             |
| ➤ Data types and measurement scales | ➤ Linear Regression    |
| ➤ Data Collection and Cleaning      | ➤ Logistic Regression  |
| ➤ Exploratory Data Analysis (EDA)   | ➤ Time Series Analysis |


**Outcomes of the Program:**

- Improved understanding of how business analytics can help with decision-making.
- Ability to identify which type of analytics is best suited for different situations.
- Familiarity with commonly used tools and software in business analytics.
- Understanding of different data types and how they are measured.
- Ability to collect, clean, and analyze data using exploratory data analysis techniques.

**No. of Students Registered: 75**

**No. of Students Completed: 69**

  
**Co-Ordinator**

  
**Head of the Department**

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





# GUDLAVALLERU ENGINEERING COLLEGE

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

Seshadri Rao Knowledge Village, Gudlavalleru - 521 356

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## DEPARTMENT OF CIVIL ENGINEERING

### CIRCULAR

Date: 12 -04-2021

The department of Civil Engineering is organizing "A Two-Week Value- Added Course on Critical thinking & Time management" from 19-04-2021 to 01-05-2021 for UG students of all the branches. Hence all the I B. Tech students are informed to attend the course without fail.

  
HCE

  
Principal  
PRINCIPAL  
GUDLAVALLERU ENGINEERING COLLEGE  
GUDLAVALLERU - 521 356

Copy to EEE-

ME-

ECE-

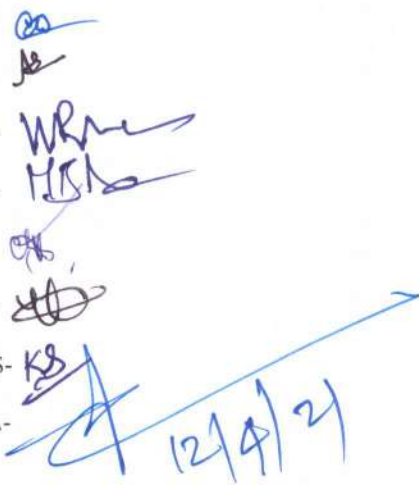
CSE-

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12/4/21

**Chief Patron:**

AANM & VVRSR Educational Society

**Patron:**

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

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Administration

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

**Advisors:**

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

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

**Coordinator(s):**

Mr. K Nagarjuna, Assistant Professor, CE

**Advisory Committee:**

Dr. S.R.K. Reddy, Professor, CE

Dr.A.Sreenivasulu, HoD CE.

&

All the faculty of the Civil Engineering Department

**Resources Persons:**

Dr.A.Sreenivasulu, HoD CE,

Department of CE

Seshadri Rao Gudlavaluru Engineering College,  
Gudlavaluru.

Phone: 9491347150

**Further Details Contact:**

**Co-Coordinator(s)**

Mr N V Srinivasa Rao, Asst. Prof., CE

Phone: 9505497997

**Mode of conducting this SDP:**

Through offline, at GIS & CAD Lab (N403)

**Dates:** 19-04-2021 to 01-05-2021



**Gudlavaluru Engineering College**



**A Two Week  
VALUE ADDED COURSE  
On**

**“CRITICAL THINKING &  
TIME MANAGEMENT”**  
19-04-2021 to 01-05-2021

Organized by

Department  
Of

**Civil Engineering**

Gudlavaluru Engineering College  
(Autonomous)

(Sponsored by AANM & VVRSR Educational Society)

Seshadri Rao Knowledge Village

Gudlavaluru, Krishna District

Andhra Pradesh-521356

(Affiliated to JNTUK, KAKINADA)

Phone: 08674 - 273737, 273888, Fax: 08674 -273957

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

#### About 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 U.G branches of engineering are accredited under Tier 1 by NBA, New Delhi. The Institution is continuously striving for excellence by adopting changes to improve the systems, practices and performance levels.


#### About the Department:

The Department was started in the year 2009 and has been offering a full-time, four-year B.Tech. Programme in “**Civil Engineering**”, and a two-year M. Tech. Programme in “**Structural Engineering**”. The department has been successful in establishing well equipped laboratories and infrastructure to promote teaching – learning as well as **R&D and consultancy**. The department has established **Water Environment and Land (WEL)** 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 the students for academic excellence. CE department has been recognized as Research Centre by JNTUK, Kakinada

#### About the SDP:

The aim of this value added course is to provide to know about Critical thinking and time managing skills.

  
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**GUDLAVALLERU ENGINEERING COLLEGE**  
**GUDLAVALLERU - 521 358**

#### Objectives of the program:

- Clear understanding of problems or situations
- Faster and accurate conclusions and quality decisions
- A richer variety of explanations and solutions
- Opportunity recognition
- Mistake avoidance
- Thought-out strategies and early elimination of dead ends

#### Outcomes of the program:

- Engage the imagination to explore new possibilities.
- Formulate and articulate ideas.
- Recognize explicit and tacit assumptions and their consequences.
- Weigh connections and relationships.
- Distinguish relevant from non-relevant data, fact from opinion.

#### GUIDE LINES:

- Regular attendance is mandatory to issue certificate.
- Certificate will be provided only, after giving overall feedback and fulfilling other requirements.

#### Eligibility:

Students of I B.Tech are eligible for attending the event.





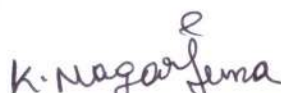
## GUDLAVALLERU ENGINEERING COLLEGE

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

### Department of Civil Engineering

#### Program Schedule for "A Two-Week Value- Added Course on Critical thinking & Time management "19-04-2021 to 01-05-2021

S.No.	Date	Topics to be Covered
1	19-04-2021	• Why Critical Thinking and Time Management are Related
2	20-04-2021	• Top Tips For Using Critical Thinking and Time Management
3	21-04-2021	• Work Out Why You Have Time Management Issues
4	22-04-2021	• Give Yourself a Time Target
5	23-04-2021	• Tackle The Easier Problems First
6	24-04-2021	• Prioritize The Right Tasks
7	26-04-2021	• Learn How to Organize Yourself
8	27-04-2021	• Take Regular Breaks
9	28-04-2021	• Define your current uses of time in daily life
10	29-04-2021	• explore time management strategies to add time for college success activities
11	30-04-2021	• Identify procrastination behaviors and strategies to avoid them
12	01-05-2021	• Limit Distractions • Final Thoughts

  
K. Nagarajana  
Faculty Coordinator

  
HCE

  
Principal  
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# GUDLAVALLERU ENGINEERING COLLEGE

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

Seshadri Rao Knowledge Village, Gudlavalleru,  
Krishna (Dt), Andhra Pradesh 521356.

## List of Students Enrolled for “A Two-Week Value- Added Course on Critical thinking & Time management “(19-04-2021 to 01-05-2021)

S.No.	Roll. No.	Name of the Student
1	20481A0101	ALLADA MAIDHILI
2	20481A0102	AREPALLI VIJAYA BABU
3	20481A0103	ATLURI LAKSHMI GAYATHRI
4	20481A0104	BATHULA BHANU PRAKASH
5	20481A0105	BATHULA VENKATA NAGA RAJU
6	20481A0106	BAVISETTI NAGA VEERA VENKATA THARUN
7	20481A0107	BHEEMANABOINA TEJASRILAKSHMI
8	20481A0108	BHUPATI GNAPIKA
9	20481A0109	BOMMIDI KRISHNA MURTHY
10	20481A0110	BUSSA SANDEEP
11	20481A0111	CHANDANA LEELA NAGA SAI KRISHNA
12	20481A0112	CHATTU BALAJI
13	20481A0113	CHEERALA PRUDHVI RAJ
14	20481A0114	CHILAKALAPUDI JAGADEESH
15	20481A0115	CHINTALA ABHIRAM
16	20481A0116	CHINTALA LIKHITHA SRI
17	20481A0117	CHIRLA AJAY
18	20481A0118	CHIRLA BHARATH
19	20481A0119	CHOPPARAPU CHERMISHA
20	20481A0120	CHUKKA UMESH
21	20481A0121	DATTI GUNA SEKHAR
22	20481A0122	DEKKA VEERAAH
23	20481A0123	DEVANABOINA CHALAPATHI DHANUSH
24	20481A0124	GADE MANI GOPAL
25	20481A0125	GANDHAM NAGA VENKATA MAHESH
26	20481A0126	GANTA PRADEEP BABU
27	20481A0127	GARIKIMUKKU JOHN PRAKASH
28	20481A0128	GORIGE AJAY KUMAR
29	20481A0129	GORUMUTCHU ADITYA
30	20481A0130	GUDAPATI HIMA KEERTHI
31	20481A0131	GUDAPATI SYAM KUMAR
32	20481A0132	GUMMA HARIKA
33	20481A0133	JAKKULA RAHUL
34	20481A0134	JAMPU RAVIPRASAD
35	20481A0135	JATRANGI JASWANTH KUMAR
36	20481A0136	JAUDULA VEENA
37	20481A0137	JAYA PRAKASH BODDU
38	20481A0138	KALAPALA DINESH
39	20481A0139	KAMPARA PRATAP NAIDU
40	20481A0140	KANALA VENKATA JAYA KRISHNA
41	20481A0141	KANNEPAMULA. DIVYA
42	20481A0142	KANULLA BHANU SRI
43	20481A0143	KATURI SUMA SRI
44	20481A0144	KODUDHULA SUBHASH
45	20481A0145	KOLAGATLA SUBBA REDDY
46	20481A0146	KOLLAPUDI BALA MURALI
47	20481A0147	KOLLI DINESH
48	20481A0148	KOLLURI GNANESWAR
49	20481A0149	KOLUSU VIJENDRA BABU
50	19481A0150	KOLLURI PEARL SAMUDRALU
51	20481A0150	KONCHADA NAVANEETH
52	20481A0151	KUNASANI SNEHA SRI



53	20481A0152	KURADA MANI DEEPIKA
54	20481A0153	LIKHITHA BONDALA
55	20481A0154	MATANGI SANITHPAUL
56	20481A0155	MATHANGI BHARAT KUMAR
57	20481A0156	MOHAMMAD MUJEEB AFSAR
58	20481A0157	MOHAMMAD RAMIZ
59	20481A0158	MOPARTHI HARI KRISHNA
60	20481A0159	MOPARTHY DHIRENDRA
61	20481A0160	MUCHUMUDI MANIKANTA REDDY
62	20481A0161	MURARI NAVEEN KRISHNA
63	20481A0162	NAGARAJU JONALAGADDA
64	20481A0163	NAKKALA YESU BABU
65	20481A0164	NAMBURI NAGA NAVEEN
66	20481A0165	NASIRUNISA
67	20481A0166	PADIDEPU SIVARAM
68	20481A0167	PAGOLU KESAVANADH
69	20481A0168	PAMARTHI VARUN
70	20481A0169	PANDUGAYALA NAGASRIHARI
71	20481A0170	PASUPULETI LAKSHMI TULASI
72	20481A0171	PATHAPATI DIVYA SRI
73	20481A0172	PEDAKAPU KOUSHIK
74	20481A0173	PENKE NANI
75	20481A0174	POLAGANI TEJASAI
76	20481A0175	PULI V V N S SAI PRASAD
77	20481A0176	PUPPALA KONDA BABU
78	20481A0177	RAJULAPATI CHARAN TEJA
79	20481A0178	RAMBHA DILEEP KUMAR
80	20481A0179	SADARLA ABHILASH
81	20481A0180	SAIKAM IMMANIYELU
82	20481A0181	SAIKAM PRAVEEN KUMAR
83	20481A0182	SANIKOMMU JAGADEESH REDDY
84	20481A0183	SHAIK ABDUR RAHAMAAN
85	20481A0184	SHAIK ASIYA
86	20481A0185	SHAIK KABEER
87	20481A0186	SHAIK NAGA SRINU
88	20481A0187	SYED BAJI
89	20481A0188	TADIKONDA SOMANADH SRINIVAS
90	20481A0189	TALAKALA ANKITHA
91	20481A0190	TALAKAYALA SANDEEP KUMAR
92	20481A0191	TAMMISSETTI SAGAR KRISHNA
93	20481A0192	TUMULURI VENKATA SATHWIK
94	20481A0193	UPPULETI HARSHINI
95	20481A0194	UPPULETI SOWGANDHI
96	20481A0195	VADLAMUDI BHAVYA SRI
97	20481A0196	VAKA RAKESH BABU
98	20481A0197	VEERANKI SURESH
99	20481A0198	VENIGALLA VIJAY KANTH
100	20481A0199	YALLA SAMUEL JAYKAR

  
K. Nagasama  
Faculty Coordinator

  
HCE

  
Principal  
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## **GUDLAVALLERU ENGINEERING COLLEGE**

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

### **Department of Civil Engineering**

#### **Summary Report on “A Two-Week Value- Added Course on Critical thinking & Time management”** **19-04-2021 to 01-05-2021**

**Title of the course:** “A Two-Week Value- Added Course on Critical thinking & Time management”

**Duration:** 19-04-2021 to 01-05-2021

#### **Resource Persons:**

- Dr.A.Sreenivasulu, HoD CE,  
Department of CE,  
Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru.  
Phone: 9491347150

#### **Objectives of the program:**

- Clear understanding of problems or situations
- Faster and accurate conclusions and quality decisions
- A richer variety of explanations and solutions
- Opportunity recognition
- Mistake avoidance
- Thought-out strategies and early elimination of dead ends

#### **Topics Covered:**

- Manual thinking (not automatic).
- Purposeful.
- Being aware of the partiality of your thinking.
- A process.
- Thinking that uses a tool set.
- Limit Distractions

#### **Outcomes of the program:**

- Engage the imagination to explore new possibilities.
- Formulate and articulate ideas.
- Recognize explicit and tacit assumptions and their consequences.
- Weigh connections and relationships.
- Distinguish relevant from non-relevant data, fact from opinion.

- How You Use Your Time
- Create a Schedule
- Get Better at Prioritizing
- Self-Check: Time Management
- Try It: Time Management.

**No. of students enrolled the course: 100**

**No. of students completed the course: 100**



*K. Nagasena*  
Faculty Coordinator

*HCE*  
HCE

*[Signature]*  
Principal  
PRINCIPAL  
GUDLAVALLERU ENGINEERING COLLEGE  
GUDLAVALLERU - 521 356



# GUDLAVALLERU ENGINEERING COLLEGE

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

Seshadri Rao Knowledge Village, Gudlavalleru - 521 356

\*\*\*\*\*

## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### CIRCULAR

Date:30-01-2021

The department of Electrical & Electronics Engineering is organizing a three-week Value-Added Course on **"English for Engineers"** from 01-02-2021 to 21-02-2021 for I B. Tech students of all the branches. Hence all the students are informed to enroll and attend the course without fail.

  
HOD(I/c)

  
Principal

Copy to

CE 

EEE 

ME 

ECE 

CSE 

IT 

AI&DS 

IoT 

MBA 

  
30/01/21





**A THREE WEEK  
VALUE ADDED COURSE  
on  
" ENGLISH FOR ENGINEERS "**

**01<sup>st</sup> FEB – 21<sup>st</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

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

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

**Convenor:**

**Dr. B. Dasu, Assoc. Prof & HOD**

**Organizing Committee:**

**Coordinator:**

**Mrs. Ch. Sujatha, Assistant Professor**

**Mobile: 9492937760**

**About 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.

**About 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

**Resource Persons:**

Mrs. Sufia Khanam, Assistant Professor,  
EEE Department, GEC.

**Objectives of the Program:**

- To strengthen English language communication skills.
- To learn and communicate effectively in classroom conversations and lectures.
- To develop effective verbal communication skills and enhanced presentation capability.

**Topics:**

- Skills of listening.
- Speaking, reading and writing.
- Development of communicative skills and fostering of ideas.

Platform: Offline

Eligibility: All I B. Tech Students  
Registration is free

**About the course:**

A key part of this course is learning the technical language engineers need. It will build the vocabulary and grammar common for engineers, giving the ability to talk about all the parts of job. It will also work on the common English functions for engineers, such as giving instructions or explaining a process. It will also develop the business communication skills required for anyone in the global economy. This includes topics like delivering presentations, writing emails, or speaking in meetings. This gives you the ability to communicate across departments with a strong ability in reading, writing, speaking, and listening. More than just language, one will develop strategies for polite communication. Learn how to work with others, including working in teams or managing conflict. It is especially important for engineers to communicate with non-technical employees. Overall, this course gives the language skills and strategies one need for professional success as an engineer.

**Expected Outcomes of the course:**

- Students will be able to read, write reports effectively using appropriate vocabulary and accurate spelling and grammar.
- Students will be able to draft job application letters with Resume and e-mails in a convincing manner.
- Students will be able to describe processes, participate in formal and informal conversations, group discussions and make technical presentations effectively.

**About the Resource Person:**

Mrs. Sufia Khanam is working as Assistant Professor in Gudlavalluru Engineering College, Gudlavalluru from 07-12-2015 to till date. She has 8 years of professional experience in teaching. She is well acquainted in teaching subjects Electrical Machines, Electrical Circuits and Power Systems. She did her masters in Power and Energy Systems from University Visvesvaraya College of Engineering (Bangalore University), Bengaluru, with a percentage of 85.58. She completed her Bachelor of Technology in Electrical and Electronics Engineering from Gudlavalluru Engineering College (affiliated to JNTU, KAKINADA), Gudlavalluru, with a percentage of 85.44. Presented a paper entitled "A Novel Approach for Designing a Subsynchronous Damping Controller" in International Conference on Communication and Power Engineering (ICCPE) during March 2019. Published a paper entitled "Three Phase Four Switch Active Filter for Power Quality Improvement" in International Journal of Scientific Engineering and Technology Research (IJSETR) during July 2017. She Published a paper entitled "Design and Implementation of PMU Based Two Area System for Enhanced Power System Stability" in International Journal of Engineering Research and Applications" (IJERA) during June 2023. She guided one M. Tech project, 8 B. Tech projects and 8 mini projects.



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

**Department of Electrical and Electronics Engineering**

**Program Schedule for Value Added Course titled “English for Engineers”**

**01-02-2021 to 21-02-2021**

S. No.	Date	Topics to be Covered
1	01-02-2021	<ul style="list-style-type: none"><li>• Introduction</li><li>• Diagnostic Test</li></ul>
2	02-02-2021	<ul style="list-style-type: none"><li>• Language Skills for engineers</li><li>• Discussing the change</li></ul>
3	03-02-2021	<ul style="list-style-type: none"><li>• Communicating with others</li><li>• Polite Business Language</li></ul>
4	04-02-2021	<ul style="list-style-type: none"><li>• Communicating with non-technical audience.</li><li>• Simplifying a description</li></ul>
5	05-02-2021	<ul style="list-style-type: none"><li>• Managing conflict</li><li>• Business communication</li></ul>
6	06-02-2021	<ul style="list-style-type: none"><li>• E-mail writing</li><li>• Report writing</li></ul>
7	08-02-2021	<ul style="list-style-type: none"><li>• Grammar for professionals</li><li>• Active reading skills</li></ul>
8	09-02-2021	<ul style="list-style-type: none"><li>• Active Listening skills</li><li>• Speaking practice</li></ul>
9	10-02-2021	<ul style="list-style-type: none"><li>• Telephone skills</li><li>• Telephone skills quiz</li></ul>
10	11-02-2021	<ul style="list-style-type: none"><li>• Starting a presentation</li><li>• Finishing a presentation</li></ul>
11	12-02-2021	<ul style="list-style-type: none"><li>• Pronunciation</li><li>• Stress and Emphasis</li></ul>



12	13-02-2021	<ul style="list-style-type: none"> <li>• Translation of texts</li> </ul>
13	14-02-2021	<ul style="list-style-type: none"> <li>• Discussing/Brain storming different topics</li> </ul>
14	15-02-2021	<ul style="list-style-type: none"> <li>• Doing grammar/vocabulary exercise.</li> </ul>
15	16-02-2021	<ul style="list-style-type: none"> <li>• Writing letters and essays.</li> </ul>
16	17-02-2021	<ul style="list-style-type: none"> <li>• Role playing in different situations.</li> </ul>
17	18-02-2021	<ul style="list-style-type: none"> <li>• Writing a Resume.</li> </ul>
18	19-02-2021	<ul style="list-style-type: none"> <li>• Academic Communication</li> </ul>
19	20-02-2021	<ul style="list-style-type: none"> <li>• Giving a talk</li> <li>• Giving presentations.</li> </ul>
20	21-02-2021	<ul style="list-style-type: none"> <li>• Final quiz on the course</li> </ul>

  
Coordinator

  
HOD(I/c)

  
Principal



**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation To JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru, Krishna (Dt), Andhra Pradesh 521356.

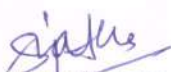
**List of Students Enrolled for the Value-Added Course titled “English for Engineers”  
(01-02-2021 to 21-02-2021)**

S.no	Roll Number	Name of the Student
1	20481A0201	AKASAPU YUVA RAJU
2	20481A0202	ANGARA NAVAKANTH
3	20481A0203	ARIGE DINESH KUMAR
4	20481A0204	AVALA PRASANTH
5	20481A0205	AVULA UMAMAHESWARI
6	20481A0206	BATHINA RAKESH
7	20481A0207	BOMMANABOYINA SAI PUJITHA
8	20481A0208	BONDILI VENKATA SIVA PRASAD SINGH
9	20481A0209	BORRA VEERA VENKATA SATYA SAI BABU
10	20481A0210	BOYINA LAKSHMI PRASAD YADAV
11	20481A0211	BUREPALLI GAMYA SRI
12	20481A0212	CHALAPATI SUNEEL BABU
13	20481A0213	CHEELI JAYA SURYA
14	20481A0214	CHIMATA VAMSI KRISHNA
15	20481A0215	CHINTALAPATI NAGA LALITHANVITHA
16	20481A0216	CHODAVARAPU MANASAVEENA
17	20481A0217	DACHURI HARIKA
18	20481A0218	DIMMITI UHA SRI
19	20481A0219	DONTU TRINADH GOUD
20	20481A0220	DUBA VENKATESH
21	20481A0221	EDA VISWA TEJ
22	20481A0222	GALLA SANDHYA
23	20481A0223	GANDHAM SAMUEL VIJAY
24	20481A0224	GARIKAPATI LAKSHMI PRIYA
25	20481A0225	GOLLA NIKHIL SAI RAM
26	20481A0226	GORIPARTHI SRI LAKSHMI
27	20481A0227	GORIPARTHI VIJAY KUMAR
28	20481A0228	GUDAE SURYA APPA RAO
29	20481A0229	GUJJU SAI PUJITHA
30	20481A0230	JAJULA SANDEEP
31	20481A0231	KAMBHAM RANJITH
32	20481A0232	KANUKOLLU RAJESWARA RAO
33	20481A0233	KAPAVARAPU YASWANTH SAI
34	20481A0234	KARNATAKAPU NEEHARIKA DEVI
35	20481A0235	KATA VENNELA
36	20481A0236	KATTA JYOTHI
37	20481A0237	KATTA PAVAN RAJU
38	20481A0238	KATTA SAI SARANYA
39	20481A0239	KAYALA ANANDVARDHAN

40	20481A0240	KOCHERLA SEERSHIKA
41	20481A0241	KOLLURI JAGAJEEVAN SAMUDRALU
42	20481A0242	KOLLURI SRAVANI
43	20481A0243	KOMATLA VENKATA SWAMY
44	20481A0244	KONDISETTI HARSHITHA
45	20481A0245	KOSARAJU VENKATA RAO
46	20481A0246	KUMBHAM BHANU VENKATA SAI
47	20481A0247	KUNAPAREDDY VARSHITA
48	20481A0248	KUNCHANAPALLI SNEHITH
49	20481A0249	KUNCHEPU SAI TRIVENI
50	20481A0250	KURAPATI PAVAN KUMAR RAJU
51	20481A0251	M JOHN WESLY
52	20481A0252	MADASU PAVAN KUMAR
53	20481A0253	MANDRUMAKA RAJ KUMAR
54	20481A0254	MANURI PRAMOD KUMAR
55	20481A0255	MARRAPU SAIKIRAN
56	20481A0256	MARTHI NAGA SAHITHI
57	20481A0257	MEKALA BALA NAGESWARA RAO
58	20481A0258	MELAM VEERA VENKATA NARAYANA
59	20481A0259	MERUVU LAKSHMI SIRINIVAS
60	20481A0260	MOHAMMAD KAMAL BASHA
61	20481A0261	MOKA JYOTHIRMAI
62	20481A0262	MORLA VIJAY
63	20481A0263	MUNIPALLI HARSHA VARDHAN
64	20481A0264	MUPPIDI RAMA NAGA VENKATA SAI PRASANTH
65	20481A0265	NAGANABOYINA TEJA SIVANJANEYULU
66	20481A0266	PARASA LAKSHMI VITAL KRANTHI
67	20481A0267	PARASA MADHU SAI NADH
68	20481A0268	PARIMKAYALA DEEPIKA
69	20481A0270	PAYYAVULA SAI DURGA JAYANTHI
70	20481A0271	POKALA MAHA LAKSHMI
71	20481A0272	POTHURAJU SRINADH
72	20481A0273	PUNURU TANMAI REDDY
73	20481A0274	RAMAGANI CHAITANYA SIVA
74	20481A0275	RAMANI NAVEEN
75	20481A0276	SAI KUMAR BOINA
76	20481A0277	SAYALA VENKATESWARA RAO
77	20481A0278	SHAIK IMRAN
78	20481A0279	SHAIK IMRAN NAZEER
79	20481A0280	SHAIK LATHIF
80	20481A0281	SUJANMULK MEGHANA
81	20481A0282	TALAMALA AKHILA
82	20481A0283	THANNIRU VENKATA RAJYA LAKSHMI
83	20481A0284	TUMMALA SRI HARSHA
84	20481A0285	TUMMIDI DILEEP KUMAR
85	20481A0286	VADDI MOUNISHA
86	20481A0287	VALLABHANENI JITENDRA SATYA SRINIVAS
87	20481A0288	VALLURU VINEETHA



88	20481A0289	VANUM ANITHANJALI DEVI
89	20481A0290	VEERANKI HARIKA
90	20481A0291	VEERANKI PREM CHAND
91	20481A0292	VEERLA SIVA VENKATA NAGA PRASAD
92	20481A0293	VINNAKOTA NAGA VENKATA SAI GEETHIKA
93	20481A0294	VISWANADHAPALLI DHAMAKESH
94	20481A0295	YAKKATI MOUNIKA

  
Coordinator

  
HOD(I/c)

  
Principal



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

**Department of Electrical and Electronics Engineering**

**Report on Value Added Course titled “ English for Engineers”**

**Title of the course:** “*English for Engineers*”

**Duration:** 01-02-2021 to 21-02-2021

**Resource Persons:**

- Ms. Sufia Khanam, Assistant Professor, Department of EEE, Gudlavalluru Engineering College.

**Objectives of the program:**

- To strengthen English language communication skills.
- To learn and communicate effectively in classroom conversations and lectures.
- To develop effective verbal communication skills and enhanced presentation capability.

**Topics Covered:**

- Skills of listening.
- Speaking, reading and writing.
- Development of communicative skills and fostering of ideas.

**Outcomes of the program:**

- Students will be able to read, write reports effectively using appropriate vocabulary and accurate spelling and grammar.
- Students will be able to draft job application letters with Resume and e-mails in a convincing manner.
- Students will be able to describe processes, participate in formal and informal conversations, group discussions and make technical presentations effectively.

No. of students enrolled the course: 94

No. of students completed the course: 92



  
Coordinator

  
HOD(I/c)

  
Principal



# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru - 521 356


## DEPARTMENT OF MECHANICAL ENGINEERING

### CIRCULAR

Date: 14 -01-2021

The department of Mechanical Engineering is organizing a two-week Value- Added Course on "MATLAB with Hands-on Training" for I B. Tech students from 18-01-2021 to 30-01-2021 by Dr. K. Syam Sunder, Professor of Mechanical Engineering & Controller of Examinations and Sri. Raghu Vamsi, Assistant Professor, Gudlavalleru Engineering College. Hence all the I B. Tech students are informed to enroll and attend the course without fail.

  
HOD

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

Copy to

CE 

EEE 

ECE 

CSE 

IT 

MBA 



A TWO WEEK  
VALUE ADDED COURSE

ON

**"MATLAB with Hands-on Training "**  
18<sup>th</sup> -30<sup>th</sup> Jan,2021



**Organized by**

**Department of Mechanical 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

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

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

#### **Convenor:**

**Dr. A. Jawahar Babu, Prof & HOD**

#### **Organizing Committee:**

##### **Coordinator:**

Mr. B.V.S. Raghu Vamsi, Asst Prof  
Mobile: 9063756745

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

Mr. A. Rajesh., Asst Prof  
Mobile: 8074053373

#### **About 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. programmed 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 programmed 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.

#### **About the Department:**

The Department of Mechanical Engineering was established in 1998 and is offering undergraduate course in Mechanical 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 Machine Design. Department is marching forward keeping pace with the technological advances in Mechanical Engineering.

#### Resource Persons:

- **Dr. K. Syam Sunder,**  
Professor of Mechanical Engineering &  
Controller of Examinations.
- **Sri B.V.S. Raghu Vamsi,**  
Assistant Professor, GEC, Gudlavalleru  
Ph No: 9063756745

#### Objectives of the Program:

1. To Impart the Knowledge to the students with MATLAB software. [This enhances programming knowledge in Research and Development].
2. To provide a working introduction to the MATLAB technical computing environment.
3. To introduce students the use of a Basic-level programming language, MATLAB. [scientific problem solving with applications and examples from Engineering].

#### Topics:

- > Basics of MATLAB
- > Basic Level Programming.

**Course Fee:** No registration fee for participation. Certificates will be given to all the participants on successful completion of the course.

Registration Form Link:

<https://forms.gle/dg1GxshwZcEj63Up6>

#### About the course:

MATLAB is an established language for technical computing. It has inbuilt rich library of soft computing, Communication Engineering, Signal and image processing, Control Engineering and Simulink etc. Thus, developing any scientific simulation is easy to do using such rich library. The course is intended specially to provide an opportunity for the students and research scholars to learn basic and advance concepts of MATLAB & simulink and help them in their research. In the course, the basic and advance concepts of MATLAB will be covered in detail through hands on practice. Candidates would also be taught, how to implement projects in MATLAB and Simulink.

#### Expected Outcomes of the course:

By the end of this course, the student will be able to

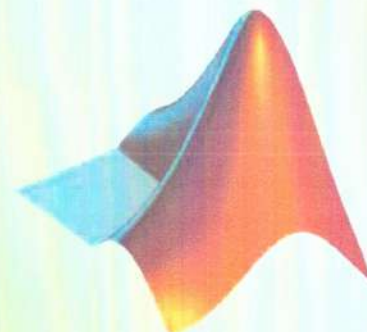
1. Understand the basics of MATLAB
2. Break a complex task up into smaller, simpler tasks
3. Case Study (Any two Modules)
4. Tabulate results and Analyse

#### Assessment:

1. Every student has to give periodic tests consisting of Programming tasks and Objective Questions
2. At the end of the Course each student will give a presentation on a topic covered in the course

#### About MATLAB:

MATLAB or (Matrix Laboratory) is a high performance fourth generation programming language which is used for technical computing. It provides multi paradigm numerical computing environment and was developed by Math Works. It is used for integrating computation, visualization, and programming so that the programming environment becomes easy to use. The applications of MATLAB are immense. It is a powerful linear algebra tool with a very good collection of toolboxes; therefore, it finds applications in research and teaching on domains of robotics and automation.



**PRINCIPAL**

**Gudlavalleru Engineering College**  
**Seshadri Rao Knowledge Village**  
Gudlavalleru - 521 356, Krishna District



# GUDLAVALLERU ENGINEERING COLLEGE

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

## DEPARTMENT OF MECHANICAL ENGINEERING

### Program Schedule for Two weeks Value Added Course titled "MATLAB with Hands-on Training " 18-01-2021 to 30-01-2021

S. No.	Date	Topics Covered
1.	18-01-2021	<ul style="list-style-type: none"><li>Basics of MATLAB and MATLAB Compiler</li></ul>
2.	19-01-2021	<ul style="list-style-type: none"><li>The MATLAB user interface</li><li>Working with MATLAB data types</li><li>Creating matrices and arrays</li></ul>
3.	20-01-2021	<ul style="list-style-type: none"><li>Operators and control statements</li></ul>
4.	21-01-2021	<ul style="list-style-type: none"><li>Data import and export</li></ul>
5.	22-01-2021	<ul style="list-style-type: none"><li>Programming with simple examples</li></ul>
6.	23-01-2021	<ul style="list-style-type: none"><li>Discussion of Toolboxes with Applications</li></ul>
7.	25-01-2021	<ul style="list-style-type: none"><li>Using the graphical features</li></ul>
8.	26-01-2021	<ul style="list-style-type: none"><li>Using scripts and functions</li></ul>
9.	27-01-2021	<ul style="list-style-type: none"><li>Neural Network</li></ul>
10.	28-01-2021	<ul style="list-style-type: none"><li>Fuzzy Logic Toolbox</li></ul>
11.	29-01-2021	<ul style="list-style-type: none"><li>Practice</li></ul>
12.	30-01-2021	<ul style="list-style-type: none"><li>Simulink and Hardware Interfacing</li></ul>

  
Faculty Advisor

  
HOD

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

## GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation To JNTUK, Kakinada) Seshadri  
Rao Knowledge Village, Gudlavalleru, Krishna (Dt), Andhra Pradesh 521356.

**List of Students Enrolled for the Value-Added Course titled**  
**"MATLAB with Hands-on Training "**  
**(18-01-2021 to 30-01-2021)**

S. No	Roll Number	Name of the Student	Remarks
1.	20481A0301	ABDUL AKHEEL	
2.	20481A0302	ABDUL AKTHAR BASHA	
3.	20481A0303	AKUNURU KIRAN TEJA	
4.	20481A0304	ALAPATI NITHISH	
5.	20481A0305	ALLU BHASKAR RAO	
6.	20481A0306	AMUDALAPALLI JAGATH DURGA PRASAD	
7.	20481A0307	ANGARA LAKSHMI RAGHAVENDRA VARAPRASAD	
8.	20481A0308	ANNAMNENI LAKSHMAIAH	
9.	20481A0309	ANNAPAREDDY KARTHEEK	
10.	20481A0310	ARAVA SAI	
11.	20481A0311	AREVARAPU PRUDHVI RAJ	
12.	20481A0312	ARIKATLA PAVAN KALYAN REDDY	
13.	20481A0313	ATMURI MOHITH SAI	
14.	20481A0314	AVULA GOPI CHAND	
15.	20481A0315	AVUTU CHAITANYA (W)	
16.	20481A0316	AYYANKI JAYA VENKATESH	
17.	20481A0317	BANAM KUNDAN KUMAR	
18.	20481A0318	BANDRAPALLI THIMOTHI	
19.	20481A0319	BEVARA VENKATA SATYAM	
20.	20481A0320	BEZAWADA CHARAN MANIKANTA	
21.	20481A0321	BHIMAVARAPU REVANTH	
22.	20481A0322	BHOOMIREDDY MADHU SUDHAN REDDY	
23.	20481A0323	BHUMA RAJU PARTHA SARATHI	
24.	20481A0324	BOLLA CHANDRA PAVAN KUMAR	
25.	20481A0325	BONTHU NAGA VINAY MAHENDRA REDDY	
26.	20481A0326	BOTTA SAI PRANEETHA (W)	
27.	20481A0327	BOYINA MOHANA MURALI KRISHNA	
28.	20481A0328	CHAKKA UDAY KIRAN	
29.	20481A0329	CHAMARTHI NAVEEN	
30.	20481A0330	CHEDURTHIPATI ANIL KUMAR	
31.	20481A0331	CHENNAMSETTI PAVANI (W)	
32.	20481A0332	CHILLIMUNTHA NAGA SAI	




		SRINIVAS	
33.	20481A0333	CHITIKELA KIRAN	
34.	20481A0334	CHITTIBOMMA KASIVISWANATH	
35.	20481A0335	CHITTIPROLU SUNNY (W)	
36.	20481A0336	DARYAMULA SATTAR ABBAS	
37.	20481A0337	DASI BHANU	
38.	20481A0338	DEVARAPALLI SRINIVASA RAO	
39.	20481A0339	DEVISETTI GURUJAI KIRAN	
40.	20481A0340	DONDAPATI SIVA NAGA MARUTI SAI RAM	
41.	20481A0341	DONEPUDI DINESH SAI	
42.	20481A0342	DONGA HARI PRASANTH	
43.	20481A0343	DUDALA HARINADH	
44.	20481A0344	DUDDU RAJA ARUN PRAKASH	
45.	20481A0345	GADDALA NAVEEN	
46.	20481A0346	GADDE ROHITH KUMAR	
47.	20481A0347	GADIYAKARI ROHITH	
48.	20481A0348	GALLA BHARGAV	
49.	20481A0349	GARIKIPATI BHARATH KALYAN	
50.	20481A0350	GOLLAPUDI MUKESH GUPTA	
51.	20481A0351	GOPU MANOJ	
52.	20481A0352	GORIPARTHI BHAGYA RAJU	
53.	20481A0353	GORIPARTHI VIJAY KUMAR	
54.	20481A0354	GOTRU RAGHUNADH BABU	
55.	20481A0355	GOTRU SURAJ	
56.	20481A0356	HEMANTH KUMAR JAMALLA	
57.	20481A0357	INTI VASUDHA (W)	
58.	20481A0358	JONNALAGADDA NAVEEN	
59.	20481A0359	JUJJUVARAPU RAKESH	
60.	20481A0360	KAKARLA TEJASAI	
61.	20481A0361	KALAKATLA HEMANTH VARDHAN	
62.	20481A0362	KAMMELA NAVEEN SAI	
63.	20481A0363	KANAGALA RAKESH	
64.	20481A0364	KANCHERLA JENNY	
65.	20481A0365	KARPURAM SAI KRISHNA	
66.	20481A0366	KARRI GIREESH DHARMA	
67.	20481A0367	KATHULA RAMACHANDRA	
68.	20481A0368	KATTA GOVARDHAN	
69.	20481A0369	KATTA TORAN JYOTHEESH	
70.	20481A0370	KATTI BALAYESU	
71.	20481A0371	KODAVALLA YUGANDHAR	
72.	20481A0372	KODURU RAKESH	
73.	20481A0373	KOKKILIGADDA AKSHAY KUMAR	
74.	20481A0374	KOLAPALLI MAHESH BABU	
75.	20481A0375	KOLLIPARA VARUN	



76.	20481A0376	KOLLURI GUNASEKHAR	
77.	20481A0377	KONDAPPU KISHORE	
78.	20481A0378	KONDISETTY RAMANJAN	
79.	20481A0379	KORIVI YASWANTH REDDY	
80.	20481A0380	KOTE AKASH	
81.	20481A0381	KOTE DEEPAK	
82.	20481A0382	KOWRADA PAVAN SAI KUMAR	
83.	20481A0383	KOYA DINESH	
84.	20481A0384	KUMBHAM SRAVAN KUMAR	
85.	20481A0385	KURAKULA SIVA KRISHNA RATHAIAH	
86.	20481A0386	MADASU SAI PAVAN	
87.	20481A0387	MADDALA SASI KIRAN	
88.	20481A0388	MADDU MOHAN	
89.	20481A0389	MADIVADA GEETHA NAGA SAILENDRA	
90.	20481A0390	MALLAVARAPU HANISH	
91.	20481A0391	MANCHINA CHANDRA SAINADH	
92.	20481A0392	MARAGANI CHAITANYA	
93.	20481A0393	MAREEDU NAGA SAI	
94.	20481A0394	MATTA AJAY KUMAR	
95.	20481A0395	MATTA RAJESH	
96.	20481A0396	MATTA REVANTH	
97.	20481A0397	MEDABOINA RAJ DEEPAK	
98.	20481A0398	MEKALA VENKATA KRISHNA	
99.	20481A0399	MERUGA KAVYA (W)	
100.	20481A03A0	PETETI JAHNAVI (W)	
101.	20481A03A1	MERUGU SUMANTH KUMAR	
102.	20481A03A2	MOHAN SAI POTNURU	
103.	20481A03A3	MOTUKURI MAHESH BABU	
104.	20481A03A4	MOVVA DHARMIK NAGA SAI	
105.	20481A03A5	MURALA BHANU PRAKASH	
106.	20481A03A6	MURALA MANI VARMA	
107.	20481A03A7	MURARI UMA MAHESWARA RAO	
108.	20481A03A8	MURARI VAMSI NANCHARAIAH	
109.	20481A03A9	NADAKUDITI SAI KUMAR	
110.	20481A03B0	NANDYALA BHARAT KUMAR	
111.	20481A03B1	NANGIGADDA NAGA SAI	
112.	20481A03B2	PADAMATA VAMSI	
113.	20481A03B3	PANDILLA KAMALESH	
114.	20481A03B4	PARINKAYALA AKSHAY	
115.	20481A03B5	PASTALA PREMNADH	
116.	20481A03B6	PATHAN HAMEED KHAN	
117.	20481A03B7	PATRAPALLI JAGADHISH KUMAR	
118.	20481A03B8	PAVAN SAI SREEKAKULAPU	
119.	20481A03B9	PEETALA SAMUEL	

120.	20481A03C0	PENUBOTHU VENU	
121.	20481A03C1	PENUMATSA KAMALTEJA	
122.	20481A03C2	PILLA KARTHIK	
123.	20481A03C3	PITCHIPATI NITHEESH KUMAR REDDY	
124.	20481A03C4	POLIMETLA VIJAYA BABU	
125.	20481A03C5	POLUBOYINA MOHAN CHAND	
126.	20481A03C6	PONUGUMATI SALMON RAJU	
127.	20481A03C7	POTNURU JAGADISH	
128.	20481A03C8	PULI VENU NAGESWARA RAO	
129.	20481A03C9	RAJULAPATI NARENDRA	
130.	20481A03D0	SAMMETA SAI MANIKANTA	
131.	20481A03D1	SETLEM NETHAJI	
132.	20481A03D2	SHAIK ANWAR BASHA	
133.	20481A03D3	SHAIK IMAM	
134.	20481A03D4	SHAIK MANSOOR ALI	
135.	20481A03D5	SHAIK MASTAN VALI	
136.	20481A03D6	SHAIK SAZITH	
137.	20481A03D7	SINGARAKONDA PAVAN KUMAR	
138.	20481A03D8	SINGAVARAPU SESHU	
139.	20481A03D9	SURYA NARAYANA G	
140.	20481A03E0	SUVVADA RAKESH	
141.	20481A03E1	TADEPALLI CHAITANYA SRI RAM	
142.	20481A03E2	TATA SRIKANTH	
143.	20481A03E3	TIMMANA MANI KANTA	
144.	20481A03E4	VALLABHANENI GOWTHAM	
145.	20481A03E5	VELIGATLA NAGA TIRUMALA VENKATESH	
146.	20481A03E6	VEMULA JAGADEESH	
147.	20481A03E7	VEMULA SAI SRI PRAVIN	
148.	20481A03E8	VEMURI JOHN HENRY	
149.	20481A03E9	VINNAKOTA NAGA BHARGAV SAI	
150.	20481A03F0	YARRAMSETTI LOKESWARA LAKSHMI DEVI DEEPAK	
151.	20481A03F1	NAGA SANDEEP SRAVANAM	
152.	20481A03F2	BOYINA DIVAKAR BABU	

  
H. M. E

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



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

**Department of Mechanical Engineering**

Summary Report on Two-week Value-Added Course on titled: "MATLAB with Hands-on Training "

**Title of the course:** "MATLAB with Hands-on Training "

**Duration:** 18-01-2021 to 30-01-2021

**Resource Persons:**

- Sri B.V.S. Raghu Vamsi, Assistant Professor  
Ph. No: 9063756745
- Sri Rajesh, Assistant Professor  
Ph. No: 8074053373

**Objectives of the program:**

1. To Impart the Knowledge to the students with MATLAB software. [This enhances programming knowledge in Research and Development].
2. To provide a working introduction to the MATLAB technical computing environment.
3. To introduce students the use of a Basic-level programming language, MATLAB. [scientific problem solving with applications and examples from Engineering].

**Topics Covered:**

1. Basics of MATLAB and MATLAB Compiler
  - The MATLAB user interface
  - Working with MATLAB data types
  - Creating matrices and arrays
  - Operators and control statements
  - Using scripts and functions
  - Data import and export
  - Using the graphical features
2. Programming with simple examples
3. Discussion of Toolboxes with Applications
  - Signal Processing
  - Neural Network
  - Fuzzy Logic Toolbox



#### 4. Simulink and Hardware Interfacing

##### **Outcomes of the program:**

- Understand the basics of MATLAB
- Break a complex task up into smaller, simpler tasks
- Case Study (Any two Modules)
- Tabulate results and Analyse

**No. of students enrolled the course: 152**

**No. of students completed the course: 146**





*D. Kepru*  
Faculty Advisor

*A. J.*  
HOD

*[Signature]*  
Principal  
**PRINCIPAL**  
Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
Gudlavalleru - 521 356, Krishna District, A.P.

# GUDLAVALLERU ENGINEERING COLLEGE

SESHADRI RAO KNOWLEDGE VILLAGE::GUDLAVALLERU


DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 30-03-2021.


## CIRCULAR


The department of Electronics and Communication Engineering is organizing a two-week Value-Added Course on "**Entrepreneurship**" from 05-04-2021 to 17-04-2021 for I B. Tech students of all the branches. Hence all UG students are informed to enroll and attend the course.


  
Co-ordinator


  
HoD


  
Principal


HoD CE - 


HoD EEE - 


HoD ME - 

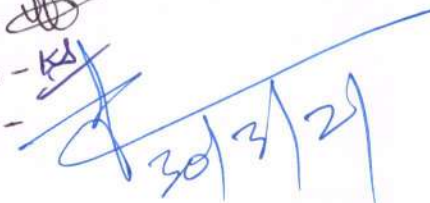
HoD CSE - 

HoD IT - 

HoD IOT - 

HoD AI&DS - 

HoD MBA - 

  
30/3/21



#### About The College:

The college is promoted by AANM & VVRSR Educational Society, Gudlavalluru and was established in 1998. The college offers B.Tech. programmes in six branches of Engineering viz, Civil, Electrical & Electronics, Mechanical, Electronics & Communication, Computer Science, Information Technology, with a total intake of 1080. 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. All the eligible branches of engineering are accredited by NBA and NAAC.

#### About The Department:

The Department of Electronics and Communication Engineering started functioning from the academic year 1998 for B.Tech Course. The department is also offering M.Tech course in Embedded Systems (from the academic year 2008-09). Faculty members are PhD/post graduates in their respective fields and are actively involved in research work and regularly publish their research in reputed journals and conferences. Faculty, as a team, aims to remain focused, promote innovative learning and a network of likeminded persons for success. The Department is recognized as Research centre by JNTUK 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.

#### Convenor:

Dr.Y.Ramakrishna, Professor and HOD, Department of ECE

#### Coordinator:

Sri B.Vamsi Krishna, Assistant Professor, Department of ECE  
Ph. No.: 8919135139

#### Eligibility:

All I B. Tech Students

#### Registration fee:

Nil

#### Resource Person's Profile:

- Dr.G.Kamal, Assistant Professor,  
Department of MBA, Gudlavalluru Engineering College,  
Ph. no. 9533461346, Email: kamal0153@gmail.com

#### About the Value-Added Course:

The course comprises of several topics, each focusing on a specific entrepreneurial knowledge or skill requirement such as creative thinking, communication, risk taking, and resilience and helping them become career ready, whether it is entrepreneurship or any other career.

#### Major Course Contents:

- Meaning and concept of entrepreneurship
- Entrepreneur skills/ traits
- Entrepreneurial decision process
- Meaning and concept of E-cells
- Introduction to various form of business organizations

#### Course Objectives:

- To inspire students and help them imbibe an entrepreneurial mind-set.
- To introduce key traits and the DNA of an entrepreneur.

#### Expected Course Outcomes:

Upon successful completion of the training, the students will be able to

- Identify gaps to become a successful entrepreneur.
- assess their own strengths.
- explore barriers and gateways to communication.
- compare various forms of business organizations.

#### A Two-Week Value Added Course

on

**"Entrepreneurship"**

05-04-2021 to 17-04-2021



#### Organized by

Department of Electronics and Communication  
Engineering  
Gudlavalluru Engineering College (Autonomous)  
Seshadri Rao Knowledge Village  
Gudlavalluru – 521356  
Krishna District, Andhra Pradesh, India.  
Ph: 08674-273737  
[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



## Department of Electronics and Communication Engineering

### A Two-Week Value-Added Course on “Entrepreneurship”

05<sup>th</sup> to 17<sup>th</sup> April, 2021

#### Course Schedule

S. No.	Date	Topics
1	05-04-2021	Meaning and concept of entrepreneurship,
2	06-04-2021	Entrepreneurship role in economic development
3	07-04-2021	Types of entrepreneurs
4	08-04-2021	Entrepreneur skills/ traits,
5	09-04-2021	Creative and design thinking
6	10-04-2021	Entrepreneurial decision process
7	12-04-2021	Meaning and concept of E-cells
8	13-04-2021	Significance and activities conducted by E-cell
9	14-04-2021	Importance of communication
10	15-04-2021	Barriers and gateways to communication
11	16-04-2021	Introduction to various form of business organizations
12	17-04-2021	Mission, vision and strategy formulation

  
Co-ordinator

  
HoD

  
Principal

# **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**

**A Two-Week Value Added Course on “Entrepreneurship”**

**(05-04-2021 to 17-04-2021)**

### **List of students enrolled**

<b>S.No</b>	<b>Roll No.</b>	<b>Name of the Student</b>
1	20481A0401	AAKUNURI CHANDRA ABISHEK
2	20481A0402	ABDUL MUSHARAF
3	20481A0403	ADDEPALLI JAHNAVI
4	20481A0404	ADDEPALLI VENKATA NAGA SAI RUTHIVIK
5	20481A0405	AKUNURI ABHINAY RAJ
6	20481A0406	AKURATHI BHAGYASRI
7	20481A0407	AKURATHI CHANDANA SUMA SRI
8	20481A0408	AMBADIPUDI ANAND KUMAR
9	20481A0409	AMBOJI PRAVALLIKA
10	20481A0410	AMMALADINNE RAMVILAS REDDY
11	20481A0411	ANDE PAVAN KUMAR
12	20481A0412	ANDE SRI HARSHA
13	20481A0413	ANDRAJU ESWAR
14	20481A0414	ANDRAJU RAVINDRANADH TAGORE
15	20481A0415	ANKAEM LAVANYA
16	20481A0416	ANUMAKONDA VIJAY ROHIT
17	20481A0417	ANUMOLU SNEHIKA
18	20481A0418	AREPALLI CHARAN
19	20481A0419	AREVARAPU BHARAT
20	20481A0421	ARJA SRI LAKSHMI
21	20481A0422	ASLESHA SANJANA KODAVALI
22	20481A0423	AVUTHU SUNDARA NAGA SAMBI REDDY
23	20481A0424	BAILAPUDI PAVAN KUMAR
24	20481A0425	BAKI BALA ALEKHYA
25	20481A0426	BALAGA NARESH
26	20481A0427	BALAGAM DURGA PRASAD
27	20481A0428	BALLEPALLI RAKESH
28	20481A0429	BANDRAPALLI ABHISHEK
29	20481A0430	BAPATLA PRANEETHA
30	20481A0431	BAPATLA PRAVALLIKA
31	20481A0432	BETHU YOGA LAKSHMI NITHYA
32	20481A0433	BEVARA BHARAT SAI
33	20481A0434	BHAVANAM VINILA
34	20481A0435	BHAVIREDDY BHARGAVI
35	20481A0437	BODDU DEVI
36	20481A0438	BOKKISAM KOTESWARA RAO
37	20481A0439	BOLLAVARAPU ROSHITHA RAJ
38	20481A0440	BOLLIMUNTHA LAKSHMAN KUMAR
39	20481A0441	BOMMIDI SIVANI
40	20481A0442	BONTHU MANASA
41	20481A0443	BONTHU SAI SNEHITH
42	20481A0444	BORRA LASYA VENKATA PRIYA
43	20481A0445	CHAGANTIPATI BHANU PRAKASH
44	20481A0446	CHALAMALASETTI RAVI SHANKAR



S.No	Roll No.	Name of the Student
45	20481A0447	CHALAMALASETTY RANI
46	20481A0448	CHALAVADI PAVAN
47	20481A0449	CHANDANA SAI RAKESH
48	20481A0450	CH SRI SIVA SANTHI PAVITHRA DEVI
49	20481A0451	CHEBOINA MEGHANA
50	20481A0452	CHEBROLU LOKA SRAVANI
51	20481A0453	CH JAYANTH GURU ARUN KONDALU
52	20481A0454	CHENNAMSETTY NAGA GOPI
53	20481A0455	CHEREDDY KRISHNAREDDY
54	20481A0456	CHILAKALAPUDI BHAVANA
55	20481A0457	CHILAMKURI AKASH
56	20481A0458	CHINAMUTHEVI TEJASWINI
57	20481A0459	CHINTAPALLI LAKSHMI SUSHMA SREE
58	20481A0460	CHIPPALA JEEVAN KUMAR
59	20481A0461	CHITTAJALLU V V N SAI LAKSHMI
60	20481A0462	CHITTARU NAVYA
61	20481A0463	DABBUGOTTU CHAITANYA
62	20481A0464	DAKARAPU BHARGAVI
63	20481A0465	DAKARAPU VEDA PRIYA
64	20481A0466	DASARI HARSHITHA
65	20481A0467	DEEKOLLU RAJESWARI
66	20481A0468	DHARAVATHU THARUN NAYAK
67	20481A0469	DOKKU SETHU CHANDANA
68	20481A0470	DOMATHOTI NOEL SUHAS RAJ
69	20481A0471	DONE GURU CHARAN
70	20481A0472	DOPPALAPUDI SAI LOKESH CHOWDARY
71	20481A0473	DUDDUKURI SAI KUMAR
72	20481A0474	GADDAM HEMAVALLIKA
73	20481A0475	GALI SRINIVASULU REDDY
74	20481A0476	GANGULA KUMAR
75	20481A0477	GANJI PRASANNA PUJITHA
76	20481A0478	GANTA KEERTHANA
77	20481A0479	GARAPATI DURGA BHAVANI
78	20481A0480	GOLLA AMRUTHA SRI
79	20481A0481	GOLLA CHANIKYA MADHAV
80	20481A0482	GOLLA VENKATA RAMA RAJU
81	20481A0483	GOPISETTI KEDAR
82	20481A0484	GORIPARTHI MUNESWARI DEVI
83	20481A0485	GRANDHE THRIVENI
84	20481A0486	GUDISE NAVYA SREE
85	20481A0487	GUMMADI LIKITHA
86	20481A0488	GUNDAREDDY SIVASANKARREDDY
87	20481A0489	GUNDU YUVA RADHA KRISHNA
88	20481A0490	GURRALA AKHILA
89	20481A0491	GURRALA MAHESWARA RAO
90	20481A0492	GUTTAVILLI MARUTHIKUMAR
91	20481A0493	HANUMANATHU LOKESH
92	20481A0494	JALDU DILEEP SAI NADH
93	20481A0495	J MOHANA MUKUNDA KRISHNA
94	20481A0496	JONNALAGADDA DIVYA MADHURI

S.No	Roll No.	Name of the Student
95	20481A0497	JUJJUVARAPU VARSHIT
96	20481A0498	JUNAPUDI MAHESH BABU
97	20481A0499	KADALI PRAVEEN KUMAR
98	20481A04A0	KALIDINDI VIVEK VARMA
99	20481A04A1	KAMMELA SAI SANJANA KASTURI
100	20481A04A2	KAMMELA SRI RAMYA
101	20481A04A3	KASA VARSHASRI
102	20481A04A4	KATRAGADDA SWATHI
103	20481A04A5	KATUKALA CHAITANYA KRISHNA
104	20481A04A6	KODALI DHANESH
105	20481A04A7	KOKKILIGADDA NIKHIL SAI VARMA
106	20481A04A8	KOLLURI SUSHMA
107	20481A04A9	KOLUSU VISWA TEJA
108	20481A04B0	KOMMU KEERTHI SRUJANA
109	20481A04B1	KORIPALLI LAKSHMAN
110	20481A04B3	K PAVAN VENKATA SAI VARMA
111	20481A04B5	KOTTI SRIVARSHA
112	20481A04B6	KUNCHAKURI SAI SADHVIK
113	20481A04B7	KUNDURI CHAKRADHAR REDDY
114	20481A04B8	KUPPALA TULASI PAVAN MANI KUMAR
115	20481A04B9	KURAPATI AMARNADH
116	20481A04C0	KURCHETI SRI DEVI
117	20481A04C1	KURELLA CHANDRA MOULI
118	20481A04C2	LINGAM AKHIL
119	20481A04C3	LINGAMSETTI PAVAN PRASAD
120	20481A04C4	LOYA BHARATH
121	20481A04C5	LUKKA SIVA BHARATH
122	20481A04C7	MADDIBOINA VAMSI
123	20481A04C8	MADDULA SNEHITHA
124	20481A04C9	MADIRI PRIYANKA
125	20481A04D0	MAGANTI KALYAN
126	20481A04D1	MALIREDDY KAVYA REDDY
127	20481A04D2	MALIREDDY VINEETHA
128	20481A04D3	MALKA NIKHILESH MOHAN
129	20481A04D4	MALLAMPATI HARITHA
130	20481A04D5	MANDALI VENKATA SIVA KARTHIK
131	20481A04D7	MANEPALLI PAVAN VAMSI
132	20481A04D8	MANNAM ASHOK KUMAR
133	20481A04D9	MANNE LAKSHMI SRINIVAS
134	20481A04E0	MARRI DEVENDRA SAI
135	20481A04E1	MARRI SAIKRISHNA
136	20481A04E2	MARRIVADA SIVA RAMA PRASAD
137	20481A04E3	MATHI SAI RISHWANTH
138	20481A04E4	MATLAPUDI NAGA SURESH
139	20481A04E5	MATTA ANJALI
140	20481A04E6	MATTA KIRAN AKHILESH
141	20481A04E7	MATTA YUGANDHAR SURYA PRAKASH
142	20481A04E8	MERE MANI PRACHAND
143	20481A04E9	MERUGUMALA SAI KRISHNA




S.No	Roll No.	Name of the Student
144	20481A04F0	MIR MUTAHAR ABBAS BAQUARY
145	20481A04F1	MOHAMMAD AYATHULLA
146	20481A04F2	MOHAMMED SHAREEF
147	20481A04F3	MOLUGUMATI RAJKUMAR
148	20481A04F4	MOTUKURI AMRUTHA
149	20481A04F5	MOVVA SWATHI
150	20481A04F6	MUDDINENI MANIKANTA
151	20481A04F7	MUKKOLLU SAI SUMA
152	20481A04F8	MUKKU PUJA
153	20481A04F9	MUNTA ANUPAMA LATHA
154	20481A04G0	MUNTA Y N V VARA PRASAD
155	20481A04G1	MURALA PAVANA LAKSHMI
156	20481A04G2	MUTHIREDDY RAGHAVENDRA RAO
157	20481A04G3	MYLAVARAPU MANOJ KUMAR
158	20481A04G4	NADAKUDITI HARIKA
159	20481A04G5	NAGULAPATI NAGA PAVAN
160	20481A04G6	NAGULLA MOUNIKA
161	20481A04G7	NALLAMOTHU MAHESH
162	20481A04G8	NAMBURI MERY LAVANYA
163	20481A04G9	NARAGANI LEELA PRATAP
164	20481A04H0	NOWPADA LOHITH BALARAM RAJ
165	20481A04H1	NUKALA GOWTHAM NAIDU
166	20481A04H2	PAIDIPAMULA SUMAN BABU
167	20481A04H3	PAILI RAJANI
168	20481A04H4	PALLAPATI PRATHYUSHA
169	20481A04H5	PALLAPOTHU SUBHA SREE
170	20481A04H6	PAMARTHI VANDANA
171	20481A04H7	P VENKATA LAKSHMI RAMMOHAN RAO
172	20481A04H8	PANCHAKARLA HARI MANIKANTA
173	20481A04H9	PANTHANGI SWETHA
174	20481A04I0	PAPISETTI GOWTHAMI
175	20481A04I1	PARASA ASHOK BABU
176	20481A04I2	PATTISAPU PRANAVI
177	20481A04I3	PEDDI LEPSITA
178	20481A04I4	PEDDINTI GANESH
179	20481A04I5	PEDDIREDDY RAJA SHEKAR REDDY
180	20481A04I6	PENDURTHI MEGHANA
181	20481A04I7	PENUMATCHA PRAVALLIKA
182	20481A04I8	PERIKALA PRASANNA KUMAR
183	20481A04I9	PILLALAMARRI HIMA SRI
184	20481A04J0	PIPPALLA SUDARSHAN
185	20481A04J1	POLISSETTY VISHNU PRASAD
186	20481A04J2	POTARLANKA ADITYA VARDHAN
187	20481A04J3	POTHULA BHARGAV SAI
188	20481A04J4	POTLURI LAKSHMI CHAITANYA
189	20481A04J5	RAJAVARAPU VARUN KUMAR
190	20481A04J6	RAJESH G
191	20481A04J7	RAMAVATH VENKATESH NAIK
192	20481A04J8	RAMIREDDY USHA KUMARI



S.No	Roll No.	Name of the Student
193	20481A04J9	RAYA VENKATA SURESH CHANDRA
194	20481A04K0	REPALLE NIKHILA
195	20481A04K1	RUNKU VENU MADHURI
196	20481A04K2	SAJJA VAMSI
197	20481A04K3	SAKHAMURI VEERA BRAHMANJANEYULU
198	20481A04K5	SANAKA VENKATA KARTHIKEYA
199	20481A04K6	SANAKA GNANA PAVAN KUMAR
200	20481A04K7	SATYA PRABHAS DASARI
201	20481A04K8	SHAIK ABDUL RAHEEM
202	20481A04K9	SHAIK BB AYESHA
203	20481A04L0	SHAIK DARIYA VALI
204	20481A04L1	SHAIK DIL AFROZ
205	20481A04L2	SHAIK MOHAMMAD JAWHARULLA
206	20481A04L3	SHAIK VASEEM
207	20481A04L4	SHAIK YASEEN ROSHAN AHAMAD
208	20481A04L5	SINGAMSETTY HARSHITHA
209	20481A04L6	SIRIGIDI PRASANTH
210	20481A04L7	SOMANAPALLI DINESH
211	20481A04L8	SONIYA PEDDETI
212	20481A04L9	SRI VENKATA KASYAP CHALLAPALLI
213	20481A04M0	SUNKARA SIVA TEJA SRUTHI
214	20481A04M1	SUTHARU SNEHA SOWJANYA
215	20481A04M2	SYED MOHAMMED AMEER
216	20481A04M3	TALABATTULA HARISH
217	20481A04M4	TALLA RAMYA
218	20481A04M5	TANNIRU VASUBABU
219	20481A04M6	THANURI BHANU HARSHITHA
220	20481A04M8	TIRUMALASETTY ASHOK
221	20481A04M9	UDATHU JAYA MADHURI
222	20481A04N0	ULLI PRADEEP
223	20481A04N1	VALLABHU HARISH CHANDRA SAI
224	20481A04N2	VALLURU SAI KOWSHIK
225	20481A04N3	VANAMA BHAVYA SRI
226	20481A04N4	VARUDU RATNA BHAVANI
227	20481A04N5	VASAVI SATYA PULAPARTHI
228	20481A04N6	VASUDHA SAI VISWA HARICHARAN
229	20481A04N7	VELIVALA VINAY GURU CHARAN
230	20481A04N8	VELLANKI PRAVEEN
231	20481A04N9	VELPULA JAGADISH KUMAR
232	20481A04O0	VEMULAPALLI GANESH
233	20481A04O1	VENNAPUSA VENKATA VAMSI
234	20481A04O2	VISWANADHUNI RESHMA PRIYA
235	20481A04O3	YADALA PRASHANTH
236	20481A04O4	YALLA CHANDRA SEKHAR
237	20481A04O5	YALLA JANITHA JOYCY
238	20481A04O6	YARLAGADDA RAJANI
239	20481A04O7	YARLAGADDA RAJESWARI
240	20481A04O8	YARRAMSETTI JAGADEEP
241	20481A04O9	YARRAMSETTI JAYA DEEP

S.No	Roll No.	Name of the Student
242	20481A04P0	YEDLURI SRIVIDYA
243	20481A04P1	YEGIREDDY GOPI
244	20481A04P2	YEGITI NAGARAJU
245	20481A04P3	YETURI JANANI ACHYUTHA SRIVALLI
246	20481A04P4	ZUBERA FARHEEN KHATUN

  
Co-ordinator

  
HoD

  
Principal



# **GUDLAVALLERU ENGINEERING COLLEGE**

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

## **Department of Electronics and Communication Engineering**

### **A Two-Week Value-Added Course on “Entrepreneurship”**

**05<sup>th</sup> to 17<sup>th</sup> April, 2021**

#### **Report**

**Title of the course:** “Python Programming”

**Duration:** 05-04-2021 to 17-04-2021

**Resource Persons:**

- Dr.G.Kamal, Assistant Professor, Department of MBA,  
Gudlavalleru Engineering College. Ph. no. 9533461346, Email: kamal0153@gmail.com

**Course Objectives:**

- To inspire students and help them imbibe an entrepreneurial mind-set.
- To introduce key traits and the DNA of an entrepreneur.

**Topics Covered:**

- Meaning and concept of entrepreneurship
- Entrepreneur skills/ traits
- Entrepreneurial decision process
- Meaning and concept of E-cells
- Introduction to various form of business organizations

**Course Outcomes:**

- The students assessed their own strengths
- The students explored barriers and gateways to communication.
- The students compared various forms of business organizations.



No. of students enrolled the course: 246

No. of students completed the course: 236



  
Co-ordinator

  
HoD

  
Principal



# GUDLAVALLERU ENGINEERING COLLEGE

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

Seshadri Rao Knowledge Village, Gudlavalleru- 521356

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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CIRCULAR

Date: 03-12-2020

The department of Computer Science Engineering is organizing a two-week Value-Added Course on “**Personality Development**” from 07-12-2020 to 19-12-2020 for UG students of all the branches. Hence all the I B. Tech students are informed to enroll the course on or before 05-12-2020.

  
HoD, CSE

Head of the Department  
Computer Science and Engineering  
Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLERU - 521 356



Principal  
**PRINCIPAL**

Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
Gudlavalleru - 521 356, Krishna District. A.P.

Copy to

CE/EEE/ME/ECE/CSE/IT/

/MBA

03/12/20



### *Two week Value Added Course*

on

#### **"Personality Development"**

7<sup>th</sup> – 19<sup>th</sup> December 2020



*Organized  
by  
Department of CSE*

GUDLAVALLERU ENGINEERING COLLEGE  
(An Autonomous Institute Affiliated to JNTUK, Kakinada)

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

#### College Officials

Dr. Nageswara Rao Vallurupalli  
Chairman

Er. Satyanarayana Rao Vallurupalli  
Secretary & Correspondent

Sri. Ramakrishana Vallurupalli  
Co-Secretary & Correspondent

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

#### ADVISORY COMMITTEE

Dr. M. R. Ch. Sastry  
Vice-Principal & Professor, ME.

Dr. P. Kodanda Rama Rao  
Vice-Principal & Professor, CE

Dr. S. Narayana  
Professor, CSE & Mentor AS&A.

#### CHAIRMAN:

Dr. M. Babu Rao, Professor & HoD, CSE

#### COORDINATOR'S:

Mrs. D. Priyanka, Asst. Professor of CSE

#### MEMBERS:

All I B.Tech Students

#### 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. 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. The U.G Engineering programmes, EEE, ME, ECE, CE, CSE & IT have been accorded Accreditation status by NBA of AICTE.

#### ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering is one of the pioneer departments of GEC with an intake of 240. The students of this department are being selected through campus recruitment in reputed IT companies. Besides the teaching learning process, CSE department regularly conducts workshops, guest lectures, group discussions and refresher courses to enhance the skills of students and teaching community. It is 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 department.



#### Resource Person

**Dr. M. Babu Rao, Professor & HoD of CSE**

Working as Professor & Head of Computer Science and Engineering in Gudlavalleru Engineering College, Gudlavalleru from 01-12-2020. With teaching experience of 18 years. Total publications/patents 53. Projects guided 14 and having 3 members Ph.D's currently Guiding.

Email-id: hod.cse@gecgudlavallerumic.in  
Mobile Number: +91 9885004401

#### Objectives of the Program

- Introductions to personality.
- Influences on personality development.
- Social development.
- The acquisition of behaviors, beliefs, and attitudes.
- The psychology of attachments, aggression, and altruism.

#### Course Contents

- Define Personality
- Factors of Association
- Motivation
- Introspection, Self-Assessment, Self-Appraisal & Self-development
- Self Esteem and Maslow
- Types of Personalities
- Assertiveness, Decision-making skills
- Interpersonal Relationship
- Good manners & Etiquettes

- Attitude
  - Significance -Factors affecting attitudes
  - Positive Attitude-Advantages
  - Negative attitude-Disadvantages
- Stress Management
- Time management

**Platform:** Microsoft Teams

**Eligibility:** All I B.Tech Students Registration is free

#### About the Course

Personality Development teaches us how to communicate and display ourselves as having caring skills. It also emphasizes personal management, grooming, health, and nutrition, as well as soft skills. This course educates students on the numerous aspects of self-development.

Personality Development also comes under a reputed course named as Human Development course. Human development includes the personality of the person and also their skills, especially we consider soft skills. The program's fundamental zeal is to instil in aspirants the skills that would help them handle the working industry with excellent efficiency. It also includes topics such as human temperament, capacity to learn, forming family bonding, behaviour, language, and peer good relationships. But suppose you think about your growth of yourself. In that case, you need to do for a reliable way of self-assess you have to go through all five key growth domains of good

personality (education, spiritual, physical, emotional, social).

#### Expected Outcomes of the course

- The student will be able to understand, analyse develop and exhibit accurate sense of self.
- Think critically.
- demonstrate knowledge of personal beliefs and values and a commitment to continuing
- personal reflection and reassessment.
- Learn to balance confidence with humility and overcome problems associated with personality



## GUDLAVALLERU ENGINEERING COLLEGE

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

Seshadri Rao Knowledge Village, Gudlavalluru

### Department of Computer Science and Engineering

#### Program Schedule for Value Added Course titled "Personality Development"

07-12-2020 to 19-12-2020

S.No	Date	Topics Covered
1	07-12-2020	Define Personality, Determinants of Personality Development, Perception– Definition, Perceptual Process.
2	08-12-2020	Factors of Association – Relationship, Personality Traits, Developing Effective Habits, Emotional Intelligence.
3	09-12-2020	Motivation, Introspection, Self-Assessment, Self-Appraisal & Self-development, Sigmund Freud Id, Ego & SuperEgo.
4	10-12-2020	Self Esteem and Maslow, Self Esteem & Erik Erikson, Mind Mapping, Competency Mapping & 360 Degree Assessment.
5	11-12-2020	Types of Personalities <ul style="list-style-type: none"><li>• Introvert,</li><li>• Extrovert</li><li>• Ambivert person</li></ul>
6	12-12-2020	Assertiveness, Decision-making skills, Conflict: Process & Resolution, Leadership & Qualities of Successful Leader.
7	14-12-2020	Interpersonal Relationship, Personality – Spiritual journey beyond the management of change.
8	15-12-2020	Good manners & Etiquettes, Effective Speech, Understanding Body language, projective positive body language.
9	16-12-2020	Attitude – Concept -Significance -Factors affecting attitudes – Positive Attitude–Advantages.
10	17-12-2020	Negative attitude-Disadvantages -Ways to develop a positive attitude, Carl Jung 's contribution to personality development theory.
11	18-12-2020	Stress Management <ul style="list-style-type: none"><li>• Introduction</li><li>• Causes</li><li>• stress management techniques</li></ul>
12	19-12-2020	Time management <ul style="list-style-type: none"><li>• Importance of time management</li><li>• Techniques of time management</li><li>• Time management styles</li></ul>

Co-ordinator

HoD, CSE

Head of the Department  
Computer Science and Engineering  
Gudlavalluru Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLERU - 521 356

Principal

**PRINCIPAL**  
Gudlavalluru Engineering College  
Seshadri Rao Knowledge Village  
Gudlavalluru - 521 356, Krishna District. A.P.



## **GUDLAVALLERU ENGINEERING COLLEGE**

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Seshadri Rao Knowledge Village :: Gudlavalleru

### **Department of Computer Science and Engineering**

#### **Two Week Value Added Course on Personality Development**

#### **Registered Students List**

Sl.No	Roll No	Name	Email
1	20481A0501	Aavala Jyothi Priya	20481A0501@gecgudlavalallerumic.in
2	20481A0502	Abdul Aleem	20481A0502@gecgudlavalallerumic.in
3	20481A0503	Adapa Yasaswi	20481A0503@gecgudlavalallerumic.in
4	20481A0504	Addanki Yaswanth Kumar	20481A0504@gecgudlavalallerumic.in
5	20481A0505	Alla Monika	20481A0505@gecgudlavalallerumic.in
6	20481A0506	Allam Venkata Prathyush Chowdary	20481A0506@gecgudlavalallerumic.in
7	20481A0507	Allamsetti Pardha Vishnu Vardhan	20481A0507@gecgudlavalallerumic.in
8	20481A0508	Ananta Pavani	20481A0508@gecgudlavalallerumic.in
9	20481A0509	Anam Manoj Venkata Sai	20481A0509@gecgudlavalallerumic.in
10	20481A0510	Annalarapu Siva Priya	20481A0510@gecgudlavalallerumic.in
11	20481A0512	Atluri Sai Saketh	20481A0512@gecgudlavalallerumic.in
12	20481A0513	Atluri Sri Rishitha Chowdary	20481A0513@gecgudlavalallerumic.in
13	20481A0514	Avanigadda Manoj Kumar	20481A0514@gecgudlavalallerumic.in
14	20481A0515	Ayinampudi Venkatesh	20481A0515@gecgudlavalallerumic.in
15	20481A0516	Balusu Jnanasatyamounika	20481A0516@gecgudlavalallerumic.in
16	20481A0517	Batchu Siva Sivani	20481A0517@gecgudlavalallerumic.in
17	20481A0518	Bathula Bhavya	20481A0518@gecgudlavalallerumic.in
18	20481A0519	Battu Dinesh	20481A0519@gecgudlavalallerumic.in
19	20481A0520	Bejjanki Venkata Rao	20481A0520@gecgudlavalallerumic.in
20	20481A0521	Bhimavarapu Divya Sahithi	20481A0521@gecgudlavalallerumic.in
21	20481A0522	Bhukya Poojitha	20481A0522@gecgudlavalallerumic.in
22	20481A0523	Bhupathiraju Eswara Varma	20481A0523@gecgudlavalallerumic.in
23	20481A0524	Bolem Yasasri	20481A0524@gecgudlavalallerumic.in
24	20481A0525	Borra Himakar	20481A0525@gecgudlavalallerumic.in
25	20481A0526	Buraga Premkumar	20481A0526@gecgudlavalallerumic.in
26	20481A0527	Chalamalasetti Dinesh	20481A0527@gecgudlavalallerumic.in



Sl.No	Roll No	Name	Email
27	20481A0528	Chalamalasetty Raghu	20481A0528@gecgudlavalallerumic.in
28	20481A0529	Challa Sai Teja	20481A0529@gecgudlavalallerumic.in
29	20481A0530	Chekuri Jyothi	20481A0530@gecgudlavalallerumic.in
30	20481A0531	Chennupalli Yasaswini	20481A0531@gecgudlavalallerumic.in
31	20481A0532	Chennuri Yogesh	20481A0532@gecgudlavalallerumic.in
32	20481A0533	Chiguruseti Sai Lokesh	20481A0533@gecgudlavalallerumic.in
33	20481A0534	Chikaramelli Kesava	20481A0534@gecgudlavalallerumic.in
34	20481A0535	Chillara Sai Ganesh	20481A0535@gecgudlavalallerumic.in
35	20481A0536	Chinta Vishnu Priya	20481A0536@gecgudlavalallerumic.in
36	20481A0537	Chitturi Sai Harsha	20481A0537@gecgudlavalallerumic.in
37	20481A0538	Daka Abhiram	20481A0538@gecgudlavalallerumic.in
38	20481A0539	Dama Hithish	20481A0539@gecgudlavalallerumic.in
39	20481A0540	Dara Bharath Sri Vamsi	20481A0540@gecgudlavalallerumic.in
40	20481A0541	Darla Indravathi	20481A0541@gecgudlavalallerumic.in
41	20481A0542	Dasyam Keerthana	20481A0542@gecgudlavalallerumic.in
42	20481A0543	Devanaboyina Sushma	20481A0543@gecgudlavalallerumic.in
43	20481A0544	Devara Konda Venu Gopal	20481A0544@gecgudlavalallerumic.in
44	20481A0545	Devu Namithadevi	20481A0545@gecgudlavalallerumic.in
45	20481A0546	Devu Pavan	20481A0546@gecgudlavalallerumic.in
46	20481A0547	Dhanush Pagolu	20481A0547@gecgudlavalallerumic.in
47	20481A0548	Dhulipala Sai Kiran	20481A0548@gecgudlavalallerumic.in
48	20481A0549	Dokku Yaswanth	20481A0549@gecgudlavalallerumic.in
49	20481A0550	Dondapati Sukanya	20481A0550@gecgudlavalallerumic.in
50	20481A0551	Done Keerthi	20481A0551@gecgudlavalallerumic.in
51	20481A0552	Dudigam Tirumala Devi	20481A0552@gecgudlavalallerumic.in
52	20481A0553	Dutta Tejaswi	20481A0553@gecgudlavalallerumic.in
53	20481A0554	Eday Madhukar	20481A0554@gecgudlavalallerumic.in
54	20481A0555	Ejendla Padmavathi	20481A0555@gecgudlavalallerumic.in
55	20481A0556	Enike Charan Kumar	20481A0556@gecgudlavalallerumic.in
56	20481A0557	Gabbita Sai Srikar	20481A0557@gecgudlavalallerumic.in
57	20481A0558	Gadamsetti L N Divitha	20481A0558@gecgudlavalallerumic.in
58	20481A0559	Gajula Ajay Kumar	20481A0559@gecgudlavalallerumic.in
59	20481A0560	Gandu Shanmuka Srinivas	20481A0560@gecgudlavalallerumic.in
60	20481A0561	Ganji Srikar Babu	20481A0561@gecgudlavalallerumic.in
61	20481A0562	Gatte Bhuvaneswar	20481A0562@gecgudlavalallerumic.in
62	20481A0563	Gedela Narasimha Naidu	20481A0563@gecgudlavalallerumic.in

Sl.No	Roll No	Name	Email
63	20481A0564	Gollamandala Sandeep	20481A0564@gecgudlavalallerumic.in
64	20481A0565	Gonela Sandeep	20481A0565@gecgudlavalallerumic.in
65	20481A0566	Gonela Venkata Raghu Ram	20481A0566@gecgudlavalallerumic.in
66	20481A0567	Gonnabhaktula Jayasri	20481A0567@gecgudlavalallerumic.in
67	20481A0568	Goriparti Naga Venkata Sai	20481A0568@gecgudlavalallerumic.in
68	20481A0569	Govada Samhitha	20481A0569@gecgudlavalallerumic.in
69	20481A0570	Gudapati Geetha	20481A0570@gecgudlavalallerumic.in
70	20481A0571	Gudiguntla Sai Satyanarayana	20481A0571@gecgudlavalallerumic.in
71	20481A0572	Gudiseva Prakash Babu	20481A0572@gecgudlavalallerumic.in
72	20481A0573	Gudivaka Dijendra Pavan Kumar	20481A0573@gecgudlavalallerumic.in
73	20481A0574	Guggilapu Lavanya Sai	20481A0574@gecgudlavalallerumic.in
74	20481A0575	Gugulothu Jagadish	20481A0575@gecgudlavalallerumic.in
75	20481A0576	Gujjarlapudi Mamatha	20481A0576@gecgudlavalallerumic.in
76	20481A0577	Gujjula Radha Shalini	20481A0577@gecgudlavalallerumic.in
77	20481A0578	Gummadi Nikhilesh	20481A0578@gecgudlavalallerumic.in
78	20481A0579	Gummadi Venkata Gopi Chand	20481A0579@gecgudlavalallerumic.in
79	20481A0580	Gummadidala Naga Sivaram	20481A0580@gecgudlavalallerumic.in
80	20481A0581	Gunnam Karthik	20481A0581@gecgudlavalallerumic.in
81	20481A0582	Gunupudi Durga Teja	20481A0582@gecgudlavalallerumic.in
82	20481A0583	Gurram Gayatri Naga Nandini	20481A0583@gecgudlavalallerumic.in
83	20481A0584	Indukuri Anish Varma	20481A0584@gecgudlavalallerumic.in
84	20481A0585	Induru Yashwant Reddy	20481A0585@gecgudlavalallerumic.in
85	20481A0586	Jakka Naga Sai Ram	20481A0586@gecgudlavalallerumic.in
86	20481A0587	Jampana Naga Nandini Devi	20481A0587@gecgudlavalallerumic.in
87	20481A0588	Jangam Sandhya	20481A0588@gecgudlavalallerumic.in
88	20481A0589	Jayasri Pepeti	20481A0589@gecgudlavalallerumic.in
89	20481A0590	Jeedimalla Koteswra Rao	20481A0590@gecgudlavalallerumic.in
90	20481A0591	Jonnala Harshitha Reddy	20481A0591@gecgudlavalallerumic.in
91	20481A0592	Kagitha Jhansi Naga Santhoshini	20481A0592@gecgudlavalallerumic.in
92	20481A0593	Kaja Narayana Rao	20481A0593@gecgudlavalallerumic.in
93	20481A0594	Kakumanu Balaji	20481A0594@gecgudlavalallerumic.in
94	20481A0595	Kalavakuri Lakshmi Narasimha Naidu	20481A0595@gecgudlavalallerumic.in
95	20481A0596	Kallepalli Sarath	20481A0596@gecgudlavalallerumic.in
96	20481A0597	Kallepalli Surekha	20481A0597@gecgudlavalallerumic.in
97	20481A0598	Kalluri Chandra	20481A0598@gecgudlavalallerumic.in
98	20481A0599	Kamavarapu Sri Surya Sai Manoj	20481A0599@gecgudlavalallerumic.in

SL.No	Roll No	Name	Email
99	20481A05A0	Kambhampati Vishnu Sharma	20481A05A0@gecgudlavalเลอร์mic.in
100	20481A05A1	Kancharla Pavan Krishna	20481A05A1@gecgudlavalเลอร์mic.in
101	20481A05A2	Kanchi Yaswanth Sai	20481A05A2@gecgudlavalเลอร์mic.in
102	20481A05A3	Kanchukommala Sai Yashwitha	20481A05A3@gecgudlavalเลอร์mic.in
103	20481A05A4	Kanchumati Tejaswi Gayathri	20481A05A4@gecgudlavalเลอร์mic.in
104	20481A05A5	Kandukuri Murali Krishna	20481A05A5@gecgudlavalเลอร์mic.in
105	20481A05A6	Kanuri Sri Sai Lahari	20481A05A6@gecgudlavalเลอร์mic.in
106	20481A05A7	Kareti Bhanu Swarupa	20481A05A7@gecgudlavalเลอร์mic.in
107	20481A05A8	Karipalli Reddy Merson	20481A05A8@gecgudlavalเลอร์mic.in
108	20481A05A9	Karpurapu Amarnadh	20481A05A9@gecgudlavalเลอร์mic.in
109	20481A05B0	Kasarabada Nikhil Sai Kumar	20481A05B0@gecgudlavalเลอร์mic.in
110	20481A05B1	Katabathina Tharun Kumar	20481A05B1@gecgudlavalเลอร์mic.in
111	20481A05B3	Katta Nikitha	20481A05B3@gecgudlavalเลอร์mic.in
112	20481A05B4	Katta Nishitha	20481A05B4@gecgudlavalเลอร์mic.in
113	20481A05B5	Katteboyina Dhaneswar	20481A05B5@gecgudlavalเลอร์mic.in
114	20481A05B6	Kesana Nuthana	20481A05B6@gecgudlavalเลอร์mic.in
115	20481A05B7	Kethavath Vasu Naik	20481A05B7@gecgudlavalเลอร์mic.in
116	20481A05B8	Kodali Naga Uma Maheswara Rao	20481A05B8@gecgudlavalเลอร์mic.in
117	20481A05B9	Kodali Srinivas	20481A05B9@gecgudlavalเลอร์mic.in
118	20481A05C0	Koduru Haasitha	20481A05C0@gecgudlavalเลอร์mic.in
119	20481A05C1	Kolagani Navya	20481A05C1@gecgudlavalเลอร์mic.in
120	20481A05C2	Kommu Hannah	20481A05C2@gecgudlavalเลอร์mic.in
121	20481A05C3	Konda Leela Vani	20481A05C3@gecgudlavalเลอร์mic.in
122	20481A05C4	Kondaveeti V V Vinay Babu	20481A05C4@gecgudlavalเลอร์mic.in
123	20481A05C5	Kondisetty Jyoshmitha	20481A05C5@gecgudlavalเลอร์mic.in
124	20481A05C6	Kota Chaitanya	20481A05C6@gecgudlavalเลอร์mic.in
125	20481A05C7	Kota Jaya Venkata Sai Jaya Deep	20481A05C7@gecgudlavalเลอร์mic.in
126	20481A05C8	Kotamraju Revanth Sai Karthik	20481A05C8@gecgudlavalเลอร์mic.in
127	20481A05C9	Kotha Sai Saketh	20481A05C9@gecgudlavalเลอร์mic.in
128	20481A05D0	Kothapalli Glory	20481A05D0@gecgudlavalเลอร์mic.in
129	20481A05D1	Kurapati Sai Santhosh	20481A05D1@gecgudlavalเลอร์mic.in
130	20481A05D2	Kurapati Venkata Guru Charan	20481A05D2@gecgudlavalเลอร์mic.in
131	20481A05D3	Lanke Lokesh Kumar	20481A05D3@gecgudlavalเลอร์mic.in
132	20481A05D4	Lavudiya Gangotri	20481A05D4@gecgudlavalเลอร์mic.in
133	20481A05D5	Madaka Sriram Sai Subramanyam	20481A05D5@gecgudlavalเลอร์mic.in
134	20481A05D6	Maddasani Bala Raju	20481A05D6@gecgudlavalเลอร์mic.in



Sl.No	Roll No	Name	Email
135	20481A05D7	Maddula Anju Mounavya	20481A05D7@gecgudlavalallerumic.in
136	20481A05D8	Maddula Rohit	20481A05D8@gecgudlavalallerumic.in
137	20481A05D9	Manda Amose	20481A05D9@gecgudlavalallerumic.in
138	20481A05E0	Manda Paul Pramod	20481A05E0@gecgudlavalallerumic.in
139	20481A05E1	Mandadapu Chiranjeevi Chitrasimhachowdary	20481A05E1@gecgudlavalallerumic.in
140	20481A05E2	Mandapati Usha	20481A05E2@gecgudlavalallerumic.in
141	20481A05E3	Mandru Chandu	20481A05E3@gecgudlavalallerumic.in
142	20481A05E4	Mangipudi Bindu Srihitha	20481A05E4@gecgudlavalallerumic.in
143	20481A05E5	Mareedu Syam Sundhar	20481A05E5@gecgudlavalallerumic.in
144	20481A05E6	Marrivada Sanjana	20481A05E6@gecgudlavalallerumic.in
145	20481A05E7	Mastana Adamsha Shaik	20481A05E7@gecgudlavalallerumic.in
146	20481A05E8	Matta Mano	20481A05E8@gecgudlavalallerumic.in
147	20481A05E9	Matta Ravi Kishore	20481A05E9@gecgudlavalallerumic.in
148	20481A05F0	Matta Rithvik	20481A05F0@gecgudlavalallerumic.in
149	20481A05F1	Matti Suchitha	20481A05F1@gecgudlavalallerumic.in
150	20481A05F2	Maturi Naga Sitha Rama Nithin	20481A05F2@gecgudlavalallerumic.in
151	20481A05F3	Medabalimi Abhinay	20481A05F3@gecgudlavalallerumic.in
152	20481A05F4	Medarametla Sai Ramya	20481A05F4@gecgudlavalallerumic.in
153	20481A05F5	Medepalli Harika	20481A05F5@gecgudlavalallerumic.in
154	20481A05F6	Meesala Manikanta Sai	20481A05F6@gecgudlavalallerumic.in
155	20481A05F7	Meethukulla Mahesh Babu	20481A05F7@gecgudlavalallerumic.in
156	20481A05F8	Meka Kushal Chowdary	20481A05F8@gecgudlavalallerumic.in
157	20481A05F9	Meka Lakshma Reddy	20481A05F9@gecgudlavalallerumic.in
158	20481A05G0	Miriyam Manoj	20481A05G0@gecgudlavalallerumic.in
159	20481A05G1	Modepalli Vignesh	20481A05G1@gecgudlavalallerumic.in
160	20481A05G2	Mohammad Maliha Begum	20481A05G2@gecgudlavalallerumic.in
161	20481A05G3	Molleti Aanoor Venkata Mahesh	20481A05G3@gecgudlavalallerumic.in
162	20481A05G4	Morla Divya	20481A05G4@gecgudlavalallerumic.in
163	20481A05G5	Mukkamalla Kaasi Reddy	20481A05G5@gecgudlavalallerumic.in
164	20481A05G6	Mukku Sujanbabu	20481A05G6@gecgudlavalallerumic.in
165	20481A05G7	Mullangi Narendra Reddy	20481A05G7@gecgudlavalallerumic.in
166	20481A05G8	Mummidisetty Bhogeendra Naidu	20481A05G8@gecgudlavalallerumic.in
167	20481A05G9	N Venkata Veerahanuman Kurapati	20481A05G9@gecgudlavalallerumic.in
168	20481A05H0	Naidu Charani	20481A05H0@gecgudlavalallerumic.in
169	20481A05H1	Nerella Mahita Padma	20481A05H1@gecgudlavalallerumic.in
170	20481A05H2	Nerusu Lakshmi Prasanna	20481A05H2@gecgudlavalallerumic.in

Sl.No	Roll No	Name	Email
171	20481A05H3	P K Sai Madhav	20481A05H3@gecgudlavallesumic.in
172	20481A05H4	Pabolu Vasavi Sirisha	20481A05H4@gecgudlavallesumic.in
173	20481A05H5	Pallapati Venkata Ramana	20481A05H5@gecgudlavallesumic.in
174	20481A05H6	Pandilla Mahendra	20481A05H6@gecgudlavallesumic.in
175	20481A05H7	Parisi Mounika	20481A05H7@gecgudlavallesumic.in
176	20481A05H8	Pathan Subhani Khan	20481A05H8@gecgudlavallesumic.in
177	20481A05H9	Pavuluri Sandeep	20481A05H9@gecgudlavallesumic.in
178	20481A05I0	Pavuluri Sumanth Sai	20481A05I0@gecgudlavallesumic.in
179	20481A05I1	Pedagarla Maheswari	20481A05I1@gecgudlavallesumic.in
180	20481A05I2	Peddagamalla Kavitha	20481A05I2@gecgudlavallesumic.in
181	20481A05I3	Penneru Naga Surendra Babu	20481A05I3@gecgudlavallesumic.in
182	20481A05I4	Penumatcha Gowthami	20481A05I4@gecgudlavallesumic.in
183	20481A05I5	Pera Manoj	20481A05I5@gecgudlavallesumic.in
184	20481A05I6	Periseti Geetha Naga Devi Priya	20481A05I6@gecgudlavallesumic.in
185	20481A05I7	Perumalla Sreya	20481A05I7@gecgudlavallesumic.in
186	20481A05I9	Poluri Swathi Rebbaca Raga Latha	20481A05I9@gecgudlavallesumic.in
187	20481A05J0	Potarlanka Mohan Kumar	20481A05J0@gecgudlavallesumic.in
188	20481A05J1	Potharlanka Keerthi Sai Sree	20481A05J1@gecgudlavallesumic.in
189	20481A05J2	Pratti Hansitha	20481A05J2@gecgudlavallesumic.in
190	20481A05J3	Pusapati Venkata Praveen Kumar	20481A05J3@gecgudlavallesumic.in
191	20481A05J4	Puvvada Sai Vamsi	20481A05J4@gecgudlavallesumic.in
192	20481A05J5	Rajanala Surya	20481A05J5@gecgudlavallesumic.in
193	20481A05J6	Ramba Murali Krishna	20481A05J6@gecgudlavallesumic.in
194	20481A05J7	Ravuri Akkala Vanitha Usha	20481A05J7@gecgudlavallesumic.in
195	20481A05J8	Regula Vijayender	20481A05J8@gecgudlavallesumic.in
196	20481A05J9	Reminisetti Alekhya	20481A05J9@gecgudlavallesumic.in
197	20481A05K0	Renduchinthala Lakshmi Prasoon Kumar	20481A05K0@gecgudlavallesumic.in
198	20481A05K1	Rongala Meghana	20481A05K1@gecgudlavallesumic.in
199	20481A05K2	Roshan Rishi Sravanam	20481A05K2@gecgudlavallesumic.in
200	20481A05K3	Rupa Pujitha	20481A05K3@gecgudlavallesumic.in
201	20481A05K4	Sagiraju Srinivasa Raju	20481A05K4@gecgudlavallesumic.in
202	20481A05K5	Sai Anirudh Vemula	20481A05K5@gecgudlavallesumic.in
203	20481A05K6	Sajja Jyothsna	20481A05K6@gecgudlavallesumic.in
204	20481A05K7	Sama Taraka Madhava Revanth	20481A05K7@gecgudlavallesumic.in
205	20481A05K8	Sarepalli Divya Sree	20481A05K8@gecgudlavallesumic.in
206	20481A05K9	Seelam Rohith Kumar	20481A05K9@gecgudlavallesumic.in




SL.No	Roll No	Name	Email
207	20481A05L0	Shaik Rabbani	20481A05L0@gecgudlavalurumic.in
208	20481A05L1	Shaik Rahima	20481A05L1@gecgudlavalurumic.in
209	20481A05L2	Shaik Raziya Begum	20481A05L2@gecgudlavalurumic.in
210	20481A05L3	Shaik Sapa Vasiq	20481A05L3@gecgudlavalurumic.in
211	20481A05L4	Shaik Sohail Ibrahim	20481A05L4@gecgudlavalurumic.in
212	20481A05L5	Shaik Sony	20481A05L5@gecgudlavalurumic.in
213	20481A05L6	Shaik Subani	20481A05L6@gecgudlavalurumic.in
214	20481A05L7	Siddabathula Naga Divya Sri	20481A05L7@gecgudlavalurumic.in
215	20481A05L8	Siddi Nithish Gopi	20481A05L8@gecgudlavalurumic.in
216	20481A05L9	Somala Anu	20481A05L9@gecgudlavalurumic.in
217	20481A05M1	Suragani Avinash	20481A05M1@gecgudlavalurumic.in
218	20481A05M2	Surapaneni Mounika	20481A05M2@gecgudlavalurumic.in
219	20481A05M3	Talupula Naveen	20481A05M3@gecgudlavalurumic.in
220	20481A05M4	Tanuri Gopichand	20481A05M4@gecgudlavalurumic.in
221	20481A05M5	Tappiti Ajay	20481A05M5@gecgudlavalurumic.in
222	20481A05M6	Tejaswini Pokala	20481A05M6@gecgudlavalurumic.in
223	20481A05M7	Tellakula Tharuni	20481A05M7@gecgudlavalurumic.in
224	20481A05M8	Thamatam Nagaiah	20481A05M8@gecgudlavalurumic.in
225	20481A05M9	Thammarapu Anil Kumar	20481A05M9@gecgudlavalurumic.in
226	20481A05N0	Thanubuddi Vamsi Krishna	20481A05N0@gecgudlavalurumic.in
227	20481A05N1	Thota Rishika Devi	20481A05N1@gecgudlavalurumic.in
228	20481A05N3	Thummalacharla Divya	20481A05N3@gecgudlavalurumic.in
229	20481A05N4	Tripuraneni Divya Phani	20481A05N4@gecgudlavalurumic.in
230	20481A05N5	Tummala Vamsi Nandan	20481A05N5@gecgudlavalurumic.in
231	20481A05N6	Tunuguntla Vishnu Vardhan	20481A05N6@gecgudlavalurumic.in
232	20481A05N7	Uppalapu Indira	20481A05N7@gecgudlavalurumic.in
233	20481A05N8	Uppalapu Yogananda Vamsi Krishna	20481A05N8@gecgudlavalurumic.in
234	20481A05N9	Uppuluri Pranith	20481A05N9@gecgudlavalurumic.in
235	20481A05O0	Vadavalli Hasrimani Sandhya Harshitha	20481A05O0@gecgudlavalurumic.in
236	20481A05O1	Vanga Chaitanya	20481A05O1@gecgudlavalurumic.in
237	20481A05O2	Vankayalapati Rohith	20481A05O2@gecgudlavalurumic.in
238	20481A05O3	Vasa Dunes	20481A05O3@gecgudlavalurumic.in
239	20481A05O4	Veeranki Sai Chaitanya	20481A05O4@gecgudlavalurumic.in
240	20481A05O5	Veerarapu Sai Teja	20481A05O5@gecgudlavalurumic.in
241	20481A05O6	Veerla Dhana Lakshmi	20481A05O6@gecgudlavalurumic.in
242	20481A05O7	Velagala Sai Ranga Reddy	20481A05O7@gecgudlavalurumic.in



SL.No	Roll No	Name	Email
243	20481A05O8	Vemulapalli Reshma	20481A05O8@gecgudlavalлерumic.in
244	20481A05O9	Vemuri Nivas	20481A05O9@gecgudlavalлерumic.in
245	20481A05P0	Yalamanchi Jahnavi	20481A05P0@gecgudlavalлерumic.in
246	20481A05P1	Yaraganaboina Hima Bindu	20481A05P1@gecgudlavalлерumic.in
247	20481A05P2	Yarlagadda Anuhya	20481A05P2@gecgudlavalлерumic.in
248	20481A05P3	Yarlagadda Naga Sandeesh	20481A05P3@gecgudlavalлерumic.in
249	20481A05P4	Yarramsetty Guru Venkata Viswath	20481A05P4@gecgudlavalлерumic.in
250	20481A05P5	Yarroju Rudraprakash	20481A05P5@gecgudlavalлерumic.in
251	20481A05P6	Yerninti Ashvitha	20481A05P6@gecgudlavalлерumic.in
252	20481A05P7	Zilani Khan	20481A05P7@gecgudlavalлерumic.in

  
Co-ordinator

  
HoD, CSE  
Head of the Department  
Computer Science and Engineering  
Gudlavalлерu Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLERU - 521 356

  
Principal  
PRINCIPAL  
Gudlavalлерu Engineering College  
Seshadri Rao Knowledge Village  
Gudlavalлерu - 521 356, Krishna District. A.P.



## **GUDLAVALLERU ENGINEERING COLLEGE**

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

Seshadri Rao Knowledge Village, Gudlavalleru

### **Department of Computer Science and Engineering**

#### **Summary Report on Value Added Course titled “Personality Development”**

**07-12-2020 to 19-12-2020**

**Title of the course: “Personality Development”**

**Duration:** 07-12-2020 to 19-12-2020

**Resource Person:**

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

**Mobile Number:** +91 9885004401

**Objectives of the program**

- Introductions to personality.
- Influences on personality development.
- Social development.
- The acquisition of behaviors, beliefs, and attitudes.
- The psychology of attachments, aggression, and altruism.

**Topics Covered**

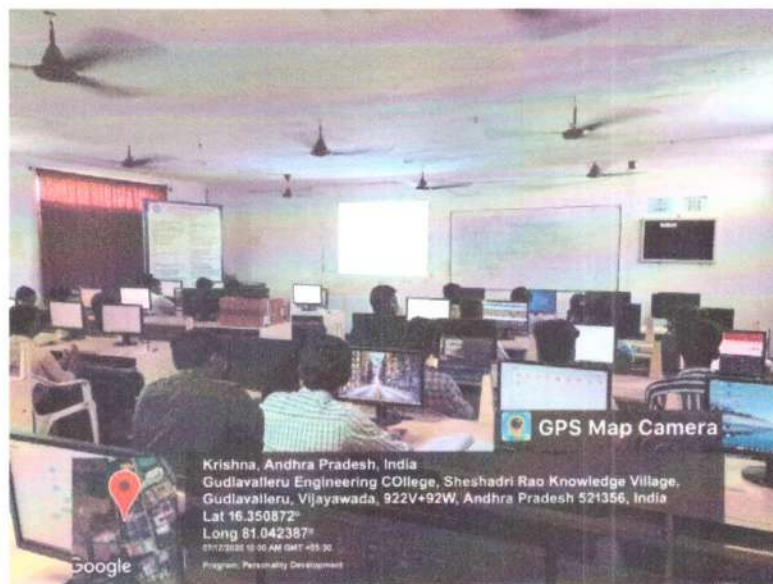
- Define Personality
- Factors of Association
- Motivation
- Introspection, Self-Assessment, Self-
- Appraisal & Self-development
- Self Esteem and Maslow
- Types of Personalities
- Assertiveness, Decision-making skills
- Interpersonal Relationship
- Good manners & Etiquettes
- Attitude
  - Significance - Factors affecting attitudes
  - Positive Attitude - Advantages
  - Negative attitude - Disadvantages
- Stress Management
- Time management

**Outcomes of the program**

- The student will be able to understand, analyse develop and exhibit accurate sense of self.
- Think critically.
- demonstrate knowledge of personal
- beliefs and values and a commitment to continuing
- personal reflection and reassessment.
- Learn to balance confidence with humility and overcome problems associated with personality

**No. of students enrolled in the course: 252**

**No. of students completed the course: 248**



  
 Co-ordinator

  
 HoD, CSE

Head of the Department  
 Computer Science and Engineering  
 Gudlavalleru Engineering College  
 Seshadri Rao Knowledge Village  
 GUDLAVALLERU - 521 356

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





# GUDLAVALLERU ENGINEERING COLLEGE

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

Seshadri Rao Knowledge Village, Gudlavalleru- 521356

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## DEPARTMENT OF INFORMATION TECHNOLOGY

### CIRCULAR

Date: 11-03-2021

The department of Information Technology is organizing a Value-Added Course on "Building Strong Foundations: The B.Tech Freshman Experience" in Information Technology from 15-03-2021 to 27-03-2021 by Senior faculty from IT Department for UG students of all the branches in virtual mode using Microsoft Teams. Hence all the I year B.Tech students are informed to enroll and attend the course without fail.

  
HOD,IT

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

Copy to:

  
CE/EEE/ME/ECE/CSE/IT/AI&DS/IoT/MBA



**A TWO WEEK  
VALUE ADDED COURSE**

**on  
Building Strong Foundations: The  
B.tech Freshman Experience  
15<sup>th</sup>–27<sup>th</sup> MARCH 2021**



**Organized by**

**Department of Information Technology**

**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

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

**Chief Patrons:**

**Dr. Nageswara Rao Vallurupalli,**  
-Chairman, AANM & VVRSR.

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

**Convenor:**

**Dr. Ch. Kavitha, Prof & HOD**

**Organizing Committee:**

**Coordinator:**

**Mrs. M. Divya Sumithra**  
Assistant professor, Dept. of IT.

**About 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.

**About the Department:**

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. 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 Persons:

Dr. M.V.L.N.RajaRao, Prof & Mentor(AS&A), dept. of IT, GEC.

Dr. Ch.Kavitha, Prof & HOD, dept. of IT, GEC.

Sri.Y.K.Viswanadham, Assoc. Prof., dept. of IT, GEC.

Sri.B.Srinivasukumar, Assoc. Prof & Mentor(I/C), dept of IT, GEC.

#### Objective of the Program:

- To inculcate Academic preparedness in graduates.
- Building qualities of leadership in technology ,innovation and entrepreneurship

#### Topics:

- Explanation on College Orientation
- Academic Expectations
- Time Management and Study Skills
- Communication Skills
- Career Exploration

#### Platform:

Microsoft Teams

Eligibility: All I B. Tech Students

Registration is free

#### About the course:

Building Strong Foundations: The B.tech Freshman Experience" is a course designed to provide incoming Bachelor of Technology (B.tech) students with essential skills, knowledge, and resources to excel in their academic and personal journeys during their first year at college.

The course focuses on helping freshmen transition smoothly into college life, adjust to the new academic environment, and build a solid foundation for their future studies and career. Students are guided through the process of selecting their major, understanding the curriculum requirements, and planning their academic path. Emphasis is placed on setting academic goals and creating a roadmap for achieving them.

The course helps students develop effective study habits, time management skills, and strategies for organizing their academic responsibilities. Learning how to manage their time efficiently is crucial for balancing academics with extracurricular activities and personal life.

#### Expected Outcomes of the course:

After completing this course, Students are able to:

- Identify, formulate, and solve engineering problems.
- Understand professional and ethical responsibility, ability to communicate effectively.

#### Resource person profile:



Dr. M.V.L.N.RajaRao,  
Prof & Mentor(AS&A),  
dept. of IT, GEC.  
9849938279

mamidannarajaraao@gmail.



Dr. Ch.Kavitha,  
Prof & HOD, dept. of IT,  
GEC.  
9959592361

chaduvulakavitha@gmail.com



Sri.Y.K.Viswanadham  
Assoc. Prof.,  
dept. of IT, GEC.  
9948757476  
ykvsnath@gmail.com



Sri.B.Srinivasukumar  
Assoc. Prof &  
Mentor(I/C),  
dept of IT, GEC.  
8978786633  
bskgec@gmail.com



#### PRINCIPAL

Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
Gudlavalleru - 521 353, Krishna District. A.P.



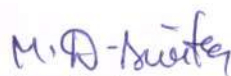


**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
SeshadriRao Knowledge Village, Gudlavalluru

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**Program Schedule for Value Added Course titled “Building Strong Foundations: The B.tech Freshman Experience” 15-03-2021 to 27-03-2021**

S.No	Dates	Topics to be Covered
1	15/03/2021	• Explanation on College Orientation
2	16/03/2021	• Explanation on Academic Expectations • Importance of Time Management and Study Skills
3	17/03/2021	• Required Communication Skills
4	18/03/2021	• Goal Setting and Personal Development • Stress Management and Well-being
5	19/03/2021	• Academic Planning and Advising • Building a Support Network
6	20/03/2021	• Career Exploration • Financial Literacy
7	22/03/2021	• Campus Involvement • Cultural Sensitivity and Diversity
8	23/03/2021	• Academic Integrity and Ethics • Technology Proficiency
9	24/03/2021	• Research Opportunities after completion of course
10	25/03/2021	• How to improve Professional Development
11	26/03/2021	• Importance of Leadership and Teamwork
12	27/03/2021	• Explanation on Social Responsibility

  
Coordinator

  
HOD, IT

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



# GUDLAVALLERU ENGINEERING COLLEGE

Seshadri Rao Knowledge Village, Gudlavalleru - 521356

## DEPARTMENT OF INFORMATION TECHNOLOGY

### LIST OF STUDENTS ENROLLED FOR THE VALUE ADDED COURSE TITLED

"Building Strong Foundations: The B.Tech Freshman Experience"

15-03-2021 TO 27-03-2021

S.No	Roll Number	Name of the Student	E-Mail ID
1	20481A1201	ABDUL YASEEN	abdul yaseen11@gmail.com
2	20481A1202	ANDE NAGASAI MANIKANTA	manikantanagasai@gmail.com
3	20481A1203	ANKAM DHARSHITHA	dharshithalucky@gmail.com
4	20481A1204	ARAVAPALLI ANITHA CHOWDARY	aanithachowdary@gmail.com
5	20481A1205	ATLA JAHNAVI	atlajahnavi@gmail.com
6	20481A1206	AVANIGADDA POOJA SRI MANASA	pooja sria33@gmail.com
7	20481A1207	AVINASH KURUMELLA	avinashkurumella@gmail.com
8	20481A1208	AVULA BHUMIKA	Avulabhumi99@gmail.com
9	20481A1209	AVVARU LOKESH	a.lokeshit@gmail.com
10	20481A1210	B P V SAI LAKSHMAN	Bpuneethvslakshman.3@gmail.com
11	20481A1211	BANDARU SAILAJA	Bandarusailaja78@gmail.com
12	20481A1212	BANDE BHAVYA SRI	bandebhavyasri@gmail.com
13	20481A1213	BATTULA SRAVANTHI	battulasravanthi@gmail.com
14	20481A1214	BEDAPUDI SATHWIKA RANI	Bsathwikarani12@gmail.com
15	20481A1215	BEULAH PALLAPOTHU	Beulahpallapothu44@gmail.com
16	20481A1216	BODDU NAVEEN	Boddunaveen99@gmail.com
17	20481A1217	BOLEM SIRESHA	bolemsireshaitgec@gmail.com
18	20481A1218	BOLLA MANIKANTA REDDY	bmanikantareddyit@gmail.com
19	20481A1219	BOPPA SRI SATYA SAI HRUDAY	Boppahruday12@gmail.com
20	20481A1220	BRUNDHAVANAM VASU VAMSI KRISHNA	bvvamsi krishna22@gmail.com
21	20481A1221	BUSAM SUMANJALI	busamsumanjali@gmail.com
22	20481A1222	CHALUVADI THARUNASRI	Chaluvaditharunasri.gec@gmail.com
23	20481A1223	CHALUVADI UDAYINI	chaluvadi udayini.itgec@gmail.com
24	20481A1224	CHANDU GEETHIKA	Ch.geethika@gmail.com
25	20481A1225	CHATLA SINDHU	Chatlasindhu02@gmail.com
26	20481A1226	CHELLINKI SANDEEP	chellinkisandeep@gmail.com
27	20481A1227	CHENNUPATI SUSHMA	Chennupatisushma.gec@gmail.com
28	20481A1228	CHILAMAKURTHI KARTHIK ESHWAR	Ch.karthikeshwar@gmail.com
29	20481A1229	CHIRIVELLA VAISHNAVI DEVI	Chvaishnavidevi.45@gmail.com
30	20481A1230	CHOPPARA SAI VENKAT	chopparasaivenkat@gmail.com
31	20481A1231	CHORAGUDI RACHEL	choragudirachelcute@gmail.com
32	20481A1232	DAGGUPATI CHIHNIITHA	Daggupatichihniitha23@gmail.com
33	20481A1233	DARAPU BHANUPRAKASH REDDY	dbhanuprakashreddy@gmail.com
34	20481A1234	DASARI SUPRIYA	dasari supriya5@gmail.com
35	20481A1235	DASARI YASASWINI	dasari yasaswini.lucky@gmail.com
36	20481A1236	DEEPTHI SRI MAMIDI	Deepthisrim99@gmail.com
37	20481A1237	DEVARAKONDA SRIVALLI VYSHNAVI	dsrivalli vyshnavi9@gmail.com
38	20481A1238	DOKKU MOHITH KUMAR YADAV	dmohithyadav@gmail.com
39	20481A1239	DONDAPATI KIRAN PAUL	Dkiranpaul34@gmail.com
40	20481A1240	EDUPUGANTI ANANTHA LAKSHMI	ananthalexmi@gmail.com
41	20481A1241	EEDE NARASIMHA NAG	Enarasimhanag7@gmail.com
42	20481A1242	EEDHARA ANUPAMA	eedharaanupama@gmail.com
43	20481A1243	ELAPARTHI PRAVALLIKA	elaparthipravallika@gmail.com
44	20481A1244	GALLA LASYA	Gallalasya.lucky@gmail.com
45	20481A1245	GANDEPALLI YASHWANTH	gandepalli yashwanth@gmail.com
46	20481A1246	GANGIREDDY DHANA RAJU	Gdhanaraju1234@gmail.com
47	20481A1247	GANTA KARTHIK	Gantakarhtik12@gmail.com
48	20481A1248	GARBHAPU PRADEEP KUMAR	Gpradeepkumar1@gmail.com
49	20481A1249	GHANTA JASWANTH SAI	Ghantajaswanthsai.it@gmail.com



S.No	Roll Number	Name of the Student	E-Mail ID
50	20481A1250	GOLLA SIVA KRISHNA CHAITANYA VARMA	gskchaitanyavarma@gmail.com
51	20481A1251	GONUGUNTA CHARAN SAI	gcharansai@gmail.com
52	20481A1252	GOTLA POUL RAJ ARLATI	gotlapoulraj.arlati5@gmail.com
53	20481A1253	GUDIBANDI DHANUMJAYA REDDY	Gdhanumjayareddy12@gmail.com
54	20481A1254	GUDIPUTI DINESH KUMAR	g.dineshkumar8@gmail.com
55	20481A1255	GUNTUKU DURGA SURENDRA KUMAR	gdsurendra.it@gmail.com
56	20481A1256	GURRALA NAGA LAKSHMI	gnagalakshmi@gmail.com
57	20481A1257	GUTTIKONDA KIRANNMAHY	guttikondakirannmahy@gmail.com
58	20481A1258	IDDIPILLA MADHAVAN	iddipillamadhavan12@gmail.com
59	20481A1259	JANGAM MANOJ KUMAR	Jangam.manoj8@gmail.com
60	20481A1260	JANGAM NEELIMA	jangamneelima@gmail.com
61	20481A1261	JEELAGA YUVARAJ	jeelagayuvaraj@gmail.com
62	20481A1262	JONNALA VEERA VENKATA SAI KRISHNA	jvvenkatasai.krishna@gmail.com
63	20481A1263	JUJUVARAPU NAGENDRA	Jnagendra88@gmail.com
64	20481A1264	JUPUDI SRI SANDYA	jsrisandya@gmail.com
65	20481A1265	KADAMATI DHARANI NAGA SAI AMULYA	Kdnsamulya.cec@gmail.com
66	20481A1266	KAKANI MEGHANA RAMA THULASI	Kthulasi1266@gmail.com
67	20481A1267	KALAPALA JOYAS NISSI	kalapala .joyasnissi@gmail.com
68	20481A1268	KAMBHAM SUMANTH	kambhamsumanth@gmail.com
69	20481A1269	KAMISSETTI SRIHARI	kamisettisrihari@gmail.com
70	20481A1270	KANUMOLU SAMPATH KUMAR	ksampath kumar@gmail.com
71	20481A1271	KARANAM VENKATA SAI SATHVIKA	Ksai.Sathvikalucky@gmail.com
72	20481A1272	KASTHALA MAHIMA CHOWDARY	kmahimachowdary@gmail.com
73	20481A1273	KASULA VENKATA SRAVANI	k.venkatasravani@gmail.com
74	20481A1274	KATEPALLI ANITHA	Anithak.it@gmail.com
75	20481A1275	KATTA VAISHNAVI	kattavaishnavi@gmail.com
76	20481A1276	KESAVARAPU VIVEK REDDY	kvivekreddy@gmail.com
77	20481A1277	KETHE MUKESH	kethemukesh@gmail.com
78	20481A1278	KILARI SOMA SIVA KISHORE	Kilarisomasiva.kishore@gmail.com
79	20481A1279	KOLLI ANUSHA	Kolli.anusha12@gmail.com
80	20481A1280	KOLLI SURYA KRISHNA SRI	Ksuryakrishnasri8@gmail.com
81	20481A1281	KONA UMA	Konauma.it@gmail.com
82	20481A1282	KONALA SURYA TEJA	Ksuryateja.cec@gmail.com
83	20481A1283	KONDEPUDI RAKESH VINAY	Krakeshvinay.smile@gmail.com
84	20481A1284	KORNEPATI SAI SARANYA	k saisaranya@gmail.com
85	20481A1285	KOTIKALA RAJESWARI	kotikalarajeswari@gmail.com
86	20481A1286	KOTTE VAMSI	Kottevamsi12@gmail.com
87	20481A1287	KOTTURU HEMANTH SAI	khemanth sai@gmail.com
88	20481A1288	KOYYANA TARUN SAI	Koyya.tarunsai@gmail.com
89	20481A1289	KRISTUBOYINA ABHINOV	kristuboyinaabhinov@gmail.com
90	20481A1290	KUMMARI UDAY KIRAN	kummariudaykiran@gmail.com
91	20481A1291	KUNA PRADEEP	Kunapradeep1291@gmail.com
92	20481A1292	KUNAPAREDDY SAI CHARAN TEJA	ksaicharantejarocks@gmail.com
93	20481A1293	KUNDETI CHANDHINI	kundetichandhini@gmail.com
94	20481A1294	KUNDETI JESSICA	kundetijessicaitec@gmail.com
95	20481A1295	KUNDURU ANIRUDH RAM NAGA SRI SREYESH	kanirudhsreyesh5@gmail.com
96	20481A1296	KUNTA DHANUSH KUMAR	kuntadhanushkumar@gmail.com
97	20481A1297	KURRA MANIKANTA	Kurramanikanta2@gmail.com
98	20481A1298	LANKE HARI CHANDANA	Lankharichandana.it@gmail.com
99	20481A1299	LAVU BHAVYA MOHANA	Lavubhavya99 @gmail.com
100	20481A12A0	M R S NAGAVENKATA SANJAY GUPTA	mrudrasainvsanjaygupta@gmail.com
101	20481A12A1	MADDU SUDHA RANI	maddusudha rani@gmail.com
102	20481A12A2	MADDULURI YABBEJU	madduluri yabbeju@gmail.com
103	20481A12A3	MADEM HARINI	Mademharini12@gmail.com
104	20481A12A4	MAJJI MANOHAR	Majjimanohar12@gmail.com
105	20481A12A5	MANDARAPU HEMANTH	Mandarapuhemanth9@gmail.com
106	20481A12A6	MANDAVA GIRIDHARA SUNDAR	Mandavagiridharasundar48@gmail.com



S.No	Roll Number	Name of the Student	E-Mail ID
107	20481A12A7	MANNEM MAHENDRA	Mannemmahendra.lucky@gmail.com
108	20481A12A8	M DEVENDRA SRI VENKATA RAMANA	mdevendrasri vramana@gmail.com
109	20481A12A9	MARELLA MRUDULA	Marellamrudula.gec@gmail.com
110	20481A12B0	MAROTHU TARUN KUMAR	mtarunkumar@gmail.com
111	20481A12B1	MASIMUKKU TEJA SRI	masimukku.tejasweety@gmail.com
112	20481A12B2	MAVULURI DATHA SUSHMA	m.datha.sushmagdl@gmail.com
113	20481A12B3	MOHAMMAD FAZLUL AKBAR	mdfazlul akbar.it@gmail.com
114	20481A12B4	MOKA PAVAN KUMAR	mokapavankumar@gmail.com
115	20481A12B5	MORAMPUDI ANU SRI	Morampudianusri3@gmail.com
116	20481A12B6	MORAMPUDI SRITHA SAI	morampudi srithasai@gmail.com
117	20481A12B7	MULLAPUDI DIVYA SRI	mullapudidivya sri@gmail.com
118	20481A12B8	MULLURI KARTHIK BABU	mkarthikbabu@gmail.com
119	20481A12B9	MUMMADISETTY VIJAY VARDHAN	mvijayvardhanrocky@gmail.com
120	20481A12C0	MUNNANGI YASASWINI	yasaswinismile@gmail.com
121	20481A12C1	MUPPURI SATISH KUMAR	muppurisatish kumar@gmail.com
122	20481A12C2	MUSUNURI DIVYA SRI	mdivyasri12@gmail.com
123	20481A12C3	MYLA KRISHNA RAJITHA	krishnarajithamyla@gmail.com
124	20481A12C4	NADELLA VENNELA	Nadellavennela67@gmail.com
125	20481A12C5	NADIPALLI TEJASWINI	tejaswininadipalli@gmail.com
126	20481A12C6	NAGULAPATI MANIKANTA	manikantanagulapati@gmail.com
127	20481A12C7	N DHANUSH	Nandam.dhanush12@gmail.com
128	20481A12C8	NAREDLA LAKSHMA REDDY	Naredlalakshmareddy45@gmail.com
129	20481A12C9	NEKKALAPUDI KARTHIKA	Nekkalapudikarthika4@gmail.com
130	20481A12D0	NETHALA SANDHYA	sandhyanethala@gmail.com
131	20481A12D1	NUTHALAPATI BALAJI	nuthalapati balaji@gmail.com
132	20481A12D2	PADIDI GANESH KUMAR	padidiganesh kumar@gmail.com
133	20481A12D3	PALAPARTHI DHEERAJ	palaparthi dheeraj@gmail.com
134	20481A12D4	PANCHAKARLA BAIDYANADH	panchakarla baidyanadh@gmail.com
135	20481A12D5	PARASA NAGA SAI CHAITHANYA	parasaganasai chaithanya@gmail.com
136	20481A12D6	PARASA SAI KALYANI	parasasai kalyani@gmail.com
137	20481A12D7	P K S V SATYA KALYANI	parimikusumasaivenkatasatya kalyani@gmail.com
138	20481A12D8	P L V SUBRAHMANYAM	pariselakshmivenkata subrahmanyam@gmail.com
139	20481A12D9	PARISE LIKITHA	parise likitha@gmail.com
140	20481A12E0	PARUCHURI PRAVALLIKA	paruchuri pravallika@gmail.com
141	20481A12E1	PASUPULETI THRILOK	pasupuleti thrilok45@gmail.com
142	20481A12E2	PAYYAVULA LAKSHMI PRAVALLIKA	plakshmi pravallika.gec@gmail.com
143	20481A12E3	PEDASINGU SAI SREE CHAKRA	Pchakra.rocks@gmail.com
144	20481A12E4	PENTELA SRIRAM	Psriramsoftware78@gmail.com
145	20481A12E5	PENUMUDI NAGA SWETHA	nagaswethapenumudi@gmail.com
146	20481A12E6	PETETI HARSHITHA	Petetiharshitha.it@gmail.com
147	20481A12E7	PMV SAIKIRAN	Saikiran.gec4@gmail.com
148	20481A12E8	PODUGU PRAVALLIKA	Podugu.pravallika9@gmail.com
149	20481A12E9	POSINA MANIDEEP SATYA	manideepsatyaposina@gmail.com
150	20481A12F0	POTHARLANKA JAHNAVI	Potharlanka.jahnavi@gmail.com
151	20481A12F1	PRATHIPATI RAMYA SRI VENKATA SAI	Venkatsaip.12@gmail.com
152	20481A12F2	PRUDHVI ARUPYA	Prudhviarupya6@gmail.com
153	20481A12F3	RAJULAPATI KARTHIK	rajulapati karthik99@gmail.com
154	20481A12F4	RAJULAPATI VENKATA SAI GOPI	gopirajulapati@gmail.com
155	20481A12F5	RAMINENI ESWAR CHOUDARY	Choudary. ramineni@gmail.com
156	20481A12F6	RAYALA RAJESH	rayal rajesh@gmail.com
157	20481A12F7	REMALLA AKHILA	remallaakhila@gmail.com
158	20481A12F8	REMAI SARANYA	Rsaranya1234@gmail.com
159	20481A12F9	SAI KARTHIK SUNKARA	Karthiksunkara55@gmail.com
160	20481A12G0	SAKAM SATYAVATHI	Sakam.satyavathi@gmail.com
161	20481A12G1	SANIVARAPU MADHUSUDANA REDDY	madhusudana reddy12@gmail.com
162	20481A12G2	SEGU VENKATA LEKHYA	venkatalekhyasegu@gmail.com
163	20481A12G3	SESHAM RAVI TEJA	Sesham.raviteja@gmail.com



S.No	Roll Number	Name of the Student	E-Mail ID
164	20481A12G4	SHAIK LATHIFUNNISA	Sk.lathifunnisa4@gmail.com
165	20481A12G5	SHAIK MAHIRUNNISA	mahirunnisa@gmail.com
166	20481A12G6	SHAIK MOHAMMAD SADIQ	mohammadksadiq@gmail.com
167	20481A12G7	SHAIK SAMEER	shaiksameer@gmail.com
168	20481A12G8	SIRANGI LAKSHMI TRIVENI	sirangilakshmi triveni@gmail.com
169	20481A12G9	SUNKARA ESWAR SUBHASH	sunkaraeswar subhash@gmail.com
170	20481A12H0	TALASILA LAHARI	talasila lahari@gmail.com
171	20481A12H1	TALASILA SAAHNI	talasila saahni@gmail.com
172	20481A12H2	TALLURI LOKESH SAI KUMAR	tallurilokeshsai kumar@gmail.com
173	20481A12H3	TATHINENI SAI HARSHITHA	tathinenisai harshitha@gmail.com
174	20481A12H4	THOKALA DIVYA	Thokaladivya1221@gmail.com
175	20481A12H5	THOTA HITESH NAIDU	hiteshnaidu9@gmail.com
176	20481A12H6	TIRUMALA MOUNIKA	tirumala mounika@gmail.com
177	20481A12H7	UNNAM RAJITHA	unnam rajitha@gmail.com
178	20481A12H8	UPPUGANDLA RADHA KRISHNA	uppugandlaradha krishna@gmail.com
179	20481A12H9	UTCHULA MOHAN LAL	utchulamohan lal@gmail.com
180	20481A12I0	VAISHNAVI ALLA	vaishnavi alla@gmail.com
181	20481A12I1	VASAM VAMSI	vasam vamsi@gmail.com
182	20481A12I2	VASANTULA HARI	vasantulahari@gmail.com
183	20481A12I3	VEERANKI BHAVANA	Veerankibhavana56@gmail.com
184	20481A12I4	VELPULA CHAITANYA	velpula chaitanya@gmail.com
185	20481A12I5	VEMURI SAI LAKSHMI	Vemuri.sailakshmi32@gmail.com
186	20481A12I6	VENKATA SAI PAVAN RAVIPATI	Venkata.ravipatibtm@gmail.com
187	20481A12I7	VINJAM MADHURI	Vmadhuri.itgec@gmail.com
188	20481A12I8	YAJJALA HEPSIBHA KEERTHANA	ykeerthanasmily@gmail.com
189	20481A12I9	YANNAM DIMPLE TUNVEY NAIDU	yannam .dimplenaidu@gmail.com
190	20481A12J0	YARAGANI SUPRIYA	Yaragani.supriya@gmail.com
191	20481A12J1	YARAMALLA VENKATA RAMA PHANINDRA	rama phanindra12@gmail.com
192	20481A12J2	YARRAMREDDY CHANDRASENA REDDY	reddyyarram@gmail.com
193	20481A12J3	YECHURI MALLIKARJUNA RAO	ymallikarjuna rao@gmail.com



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

**Department of Information Technology**

**Summary Report on Value Added Course titled “Building Strong Foundations: The B.Tech Freshman Experience” 15-03-2021 to 27-03-2021**

**Title of the course:** Building Strong Foundations: The B.Tech Freshman Experience

**Duration:** 15-03-2021 to 27-03-2021

**Resource Persons:**

- **Dr. M.V.L.N.RajaRao**, Prof & Mentor(AS&A), Dept of IT, Gudlavalleru Engineering College, Gudlavalleru.
- **Dr. Ch.Kavitha**, Prof & HOD, Dept of IT, Gudlavalleru Engineering College, Gudlavalleru.
- **Sri.B.Srinivasukumar**, Assoc. Prof & Mentor(I/C), Dept of IT, Gudlavalleru Engineering College, Gudlavalleru.
- **Sri.Y.K.Viswanadham**, Assoc. Prof, Dept of IT, Gudlavalleru Engineering College, Gudlavalleru.

**Objectives of the program:**

- To inculcate Academic preparedness in graduates.
- Building qualities of leadership in technology, innovation and entrepreneurship

**Topics Covered:**

- College Orientation
- Academic Expectations
- Time Management and Study Skills
- Required Communication Skills
- Goal Setting and Personal Development
- Stress Management and Well-being
- Academic Planning and Advising
- Building a Support Network
- Career Exploration
- Financial Literacy
- Social Responsibility

**Outcomes of the program:**

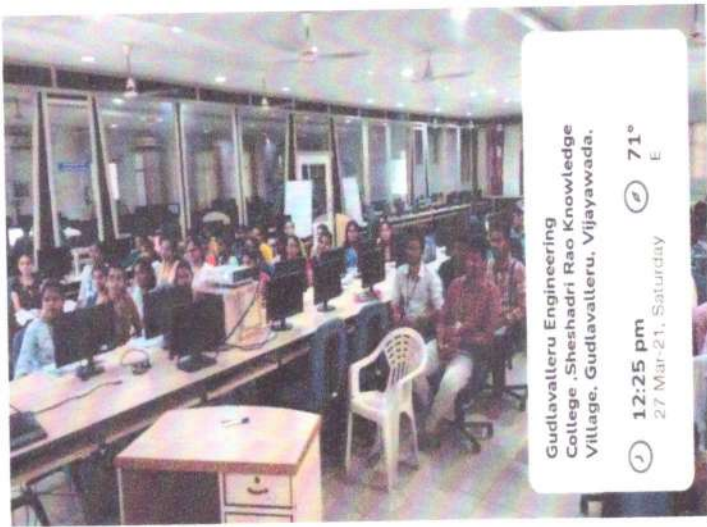
After completing this course, you should be able to:

- Identify, formulate, and solve engineering problems.
- Understand professional and ethical responsibility, ability to communicate effectively.

**No. of students enrolled the course: 193**

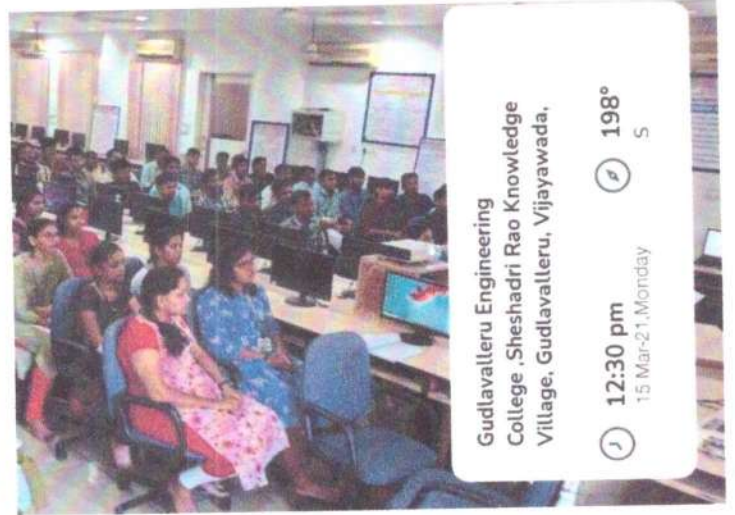
**No. of students completed the course: 182**





Gudlavalleru Engineering  
College, Sheshadri Rao Knowledge  
Village, Gudlavalleru, Vijayawada.

12:25 pm 71° E  
27 Mar-21, Saturday



Gudlavalleru Engineering  
College, Sheshadri Rao Knowledge  
Village, Gudlavalleru, Vijayawada.

12:30 pm 198° S  
15 Mar-21, Monday



Gudlavalleru Engineering  
College, Sheshadri Rao Knowledge  
Village, Gudlavalleru, Vijayawada.

12:30 pm 184° S  
15 Mar-21, Monday



Gudlavalleru Engineering  
College, Sheshadri Rao Knowledge  
Village, Gudlavalleru, Vijayawada.

12:31 pm 299° NE  
15 Mar-21, Monday

M.D. Sreeraj  
Coordinator

HOD,IT

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