



# GUDLAVALLERU ENGINEERING COLLEGE

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

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

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

Accredited by NAAC with 'A' Grade

NBA Accreditation: B.Tech - CSE for 5 Years and CE, EEE, ME, ECE & IT for 3 Years

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

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

**Dr. M. Kamaraju**, M.E, Ph.D.,

Professor of Electronics and Communication Engg. &  
Mentor (AS&A)

REF: GEC/IQAC/2019-20/394

17<sup>th</sup> September 2019

To

**The Members,**

Internal Quality Assurance Cell,  
Gudlavalleru Engineering College,  
Seshadri Rao Knowledge Village,  
Gudlavalleru – 521 356. Krishna District

Respected Sir / Madam,

The **Sixteenth Meeting of the Internal Quality Assurance Cell** of Gudlavalleru Engineering College (Autonomous) will be held on **28-09-2019 (Saturday) at 10-30 AM** in the Management Conference Hall of the college. You are requested to make it convenient to attend the meeting.

## AGENDA

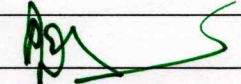
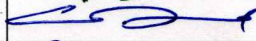
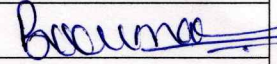
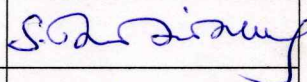
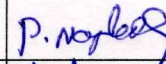
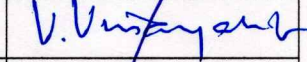

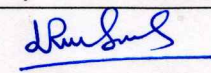
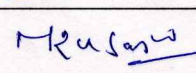

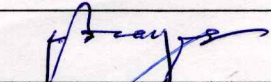

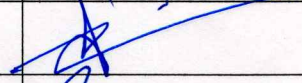
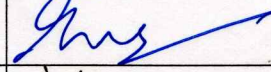
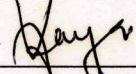

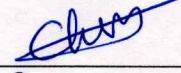
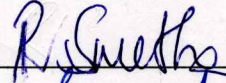
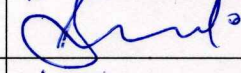
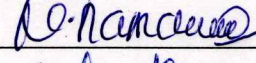
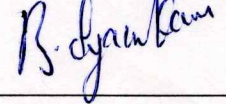
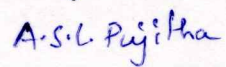
1. To review the various academic activities of the departments and institute since last meeting.
2. To review the Student Induction Program for I B.Tech students.
3. To review the I B.Tech student admissions for the academic year 2019-20.
4. To plan for conducting Faculty Development Programs (FDPs) and Student Development Programs (SDPs) during the Academic Year 2019-20 on cutting edge technologies and effecting engineering teaching.
5. To plan the Co-curricular and Extra-curricular activities to build overall personality of students for the academic year 2019-20.
6. To review on APSSDC Skill Development programs.
7. To review on Academic Strengthening and Advancement activities.
8. Any other matter with the permission of the chair.

  
(M. KAMARAJU)  
Coordinator



The Sixteenth Internal Quality Assurance Cell Meeting of Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru is held today i.e. 28-09-2019 (Saturday) at 10-30 AM in the Management Conference Hall of the college under the Chairmanship of Dr. P. Ravindra Babu.

**MEMBERS PRESENT:**

Sl. No.	Name of the Person and Details		IQAC Committee	Signature
1	Dr. P. Ravindra Babu	Principal	Chairman	
2	Dr. G V S N R V Prasad	Vice Principal - Academics	Member	
3	Dr. B. Karuna Kumar	Vice Principal - Administration	Member	
4	Dr. S.R.K. Reddy	Professor of CE (Management Representative)	Member	
5	Dr. P. Nageswara Reddy	Professor of ME & Director (AS&A)	Member	
6	Sri V. Vinayaka Rao	Office Superintendent	Member	
7	Dr. P. Kodanda Rama Rao	Professor & Head Department of CE	Member	
8	Dr. L. Ravi Srinivas	Professor & Head Department of EEE	Member	
9	Dr. M. R. Ch. Sastry	Professor & Head Department of ME	Member	
10	Dr. V. V. K. D.V. Prasad	Professor & Head Department of ECE	Member	
11	Dr. S. Narayana	Professor & Head Department of CSE	Member	
12	Dr. Ch. Kavitha	Professor & Head Department of IT	Member	
13	Dr. Ch. Nirmal Chand	Professor & Head Department of MBA	Member	
14	Dr. G.S. Bhaskara Rao	Professor & Head Department of BS&H	Member	
15	Dr. M. Vijaya Lakshmi	Associate Professor & Head Dept. of English	Member	
16	Dr. K. Syam Sundar	Professor of ME and COE	Member	
17	Dr. Ch. Suresh Babu	Associate Professor Department of IT	Member	
18	Dr. R. Swetha	Assistant Professor of Maths Department of BS&H	Member	
19	Dr. S. Madhavi	Assistant Professor Department of MBA	Member	
20	Mr. N. Rama Rao	Librarian	Member	
21	Dr. Bandaru Syam Kumar	Chandrala Post, Singaluru Village, Gudlavalleru Mandal (Member from Local Society)	Member	
22	Ms. Athukuri Sri Lakshmi Pujitha	Student Representative	Member	

23	Sri Vallurupalli Venkata Kiran	Alumni Representative	Member	could not attend
24	Sri D. Anvesh	Executive Manager, Efftronics Systems Pvt. Ltd. 40-15-9, Brundavan Colony Vijayawada – 520 010. (Member from Industry)	Member	Could not attend
25	Mr. Vinay Ramesh	Campus Lead – Talent Acquisition Group, MINDTREE, Bengaluru (Member from Industry)	Member	could not attend
26	Sri T. Sudhakar	Executive Engineer, APSPDCL, (Member from Stakeholders)	Member	could not attend
27	Dr. M. Kamaraju	Professor of ECE & Mentor (AS&A)	Coordinator	



# GUDLAVALLERU ENGINEERING COLLEGE

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

Seshadri Rao Knowledge Village, GUDLAVALLERU – 521 356

\* \* \*

## Minutes of the Sixteenth Meeting of the Internal Quality Assurance Cell held on 28-09-2019, Saturday at 10-30 AM in the Management Conference Hall.

### 16.01 To review the various academic activities of the departments and institute since last meeting.

The Coordinator has presented a report on various academic activities taken up during the current academic year from 10-02-2019 to 25-09-2019, the achievement of the students in co-curricular & extra-curricular activities, placements provided, industrial visits arranged, faculty development programs conducted, faculty publications, etc.

### 16.02 To review the Student Induction program for I B.Tech students.

As per the guidelines of the AICTE, a 3-week Induction Program, named as Zero Semester with effect from the Academic Year 2019-20 was organized for the I B.Tech students from 7 August 2019 to 24 August 2019 and Fresher's Day was conducted on 24 August 2019 is reviewed.

### 16.03 To review the First B.Tech student admissions for the academic year 2019-20.

The coordinator presented the admissions of UG & PG programs for the academic year 2019-20. The overall admissions of UG B.Tech programs is 84.00% with the satisfactory admissions of ECE, CSE & IT programs. The overall admissions of PG B.Tech programs is 20.77% and MBA is 70.32%.

### 16.04 To plan for conducting Faculty Development Programs (FDPs) and Student Development Programs (SDPs) during the Academic Year 2019-20 on cutting edge technologies and effecting engineering teaching.

It is resolved to be conduct the following Faculty Development Programs (FDPs) and Student Development Programs (SDPs) proposed by various departments during the academic year 2019-20.

#### Faculty Development Programs (FDPs):

Dept.	Title of the Program	Duration	Tentative Dates
CE	Workshop on “Advances in Analysis and Design of Structures”	5 Days	November 2019
	Hands on Experience “Structural Engineering Software”	3 Days	February 2020
EEE	Workshop on “Applied Research in Renewal Energy and Grid Integration”	5 Days	19 – 23 November 2019
ME	Supply chain Management	1 Week	25 to 30 November 2019
	Computational Techniques in Engineering Design	One Week	4 to 9 May 2020
ECE	VLSI Design & Embedded System	1 Week	11 to 16 November 2019
	Communications	1 Week	20 to 25 April 2020

CSE	Workshop on “Soft Computing-Techniques and its Applications”	2 Week	25 <sup>th</sup> November to 7 <sup>th</sup> December 2019
	Workshop on “Data Science”	1 Week	4 – 9 December 2019
IT	Data Science & Data Analytics through Python & R Programming	2 weeks	23 March – 4 April 2020
BS&H	Workshop on “Plastic free environment”	1 Day	7 <sup>th</sup> December 2019
	Workshop on “MATLAB applications in numerical methods”	1 Day	20 <sup>th</sup> December 2019
	Workshop on “Advanced Optimization algorithms”	1 Day	21 <sup>st</sup> December 2019
ENG	Workshop on “Research writings and publications”	1 Day	23 December 2019
MBA	Workshop on “HRM: Changes, Tendencies and New Technologies”	1 Day	13 <sup>th</sup> November 2019

### Student Development Programs (SDPs):

Dept.	Title of the Program	Duration	Tentative Dates
CE	Guest Lecture on “Construction Management”	1 Day	October 2019
	Workshop on « REVIT Architecture”	3 Days	December 2019
	Guest Lecture on “Structural Analysis”	1 Day	January 2020
	Hands on Experience on “ETABS”	3 Days	February 2020
	Guest Lecture on “Construction Materials”	1 Day	March 2020
EEE	Guest Lecture on “EDS”	1 Day	Oct 2019
	Guest Lecture on “Transformers”	1 Day	Oct 2019
	Workshop on “Fundamentals of PLC Phase – II” for II & III Year Students	6 Days	Dec 2019
ME	Guest Lecture on “Advanced Welding Techniques in Pressure Vessel Design”	1 Day	16 December 2019
	Guest Lecture on “Design and Fabrication of Solar System for Engineering Applications”	1 Day	6 January 2020
	Guest Lecture on “Condition Monitoring of Equipment - Industrial Techniques”	1 Day	14 February 2020
	Guest Lecture on “Boiler - Troubles & Trouble Shooting”	1 Day	9 March 2020
	Workshop “ANSYS”	1 Week	25 to 30 November 2019
	Workshop on “Hypermesh”	3 Days	2 to 4 December 2019
	Workshop on “Fabrication of Solar Systems in Mechanical Engineering Applications”	3 Days	7 to 9 January 2020
	Workshop on “HVAC”	3 Days	2 to 4 March 2020
ECE	Guest Lecture by Industry expert	1 Day	5 October 2019
	Guest Lecture	1 Day	8 January 2020
	YODHA-Project Model Expo/Paper Presentation/Poster Presentation	1 Day	2 February 2020
	Guest Lecture	1 Day	5 February 2020
	Guest Lecture	1 Day	21 February 2020
	Startup Innovation Ideas	1 Day	10 October 2019

	Workshop on “System Verilog using Xilinx Vivado tool/Mentor Graphic tool”	2 Days	5 December 2019
	Workshop on “Internet of things”	2 Days	23 December 2019
	Workshop on “Embedded system Design using ARM Cortex”	3 Days	3 January 2020
	Workshop on “Mobile app development by APSSDC”	2 Days	4 March 2020
CSE	Workshop on “Web Development using Python”	1 Week	2 <sup>nd</sup> - 4 <sup>th</sup> December 2019
	Workshop on “Alexa Skills”	1 Week	9 <sup>th</sup> - 14 <sup>th</sup> December 2019
	Guest Lecture on “Cloud Literacy”	2 Days	22 <sup>nd</sup> & 23 <sup>rd</sup> January 2020
	Guest Lecture on “Cutting Edge Technologies”	1 Day	7 <sup>th</sup> January 2020
	Multi Skills Training Programme		25 <sup>th</sup> November - 25 <sup>th</sup> January 2020
	Artificial Intelligence and Machine Learning	3 Week	4 <sup>th</sup> - 23 <sup>rd</sup> May 2020
IT	Advanced Python Programming	1 week	10.03.2020 -15.03.2020
MBA	“Financial Awareness and Planning”	1 Day	30 <sup>th</sup> September 2019

**16.05 To plan the Co-curricular and Extra-curricular activities to build overall personality of students for the academic year 2019-20.**

It is resolved to be conduct the following Co-curricular and Extra-Curricular activities proposed by various departments during the academic year 2019-20.

Dept.	Title of the Program	Duration	Tentative Dates
ME	Model Exhibition	1 Day	13-09-2019
	Project Expo	1 Day	24-02-2020
	Paper Presentation	1 Day	12-09-2019
	Poster Presentation	1 Day	13-09-2019
	Computer Aided Smart Job	1 Day	09-09-2019
	Essay Competition	1 Day	02-03-2020
	General Quiz	1 Day	11-09-2019
	Technical Quiz	1 Day	11-09-2019
	Group Discussion	1 Day	14-10-2019
CSE	Aptitude, Reasoning, Verbal Test	1 Day	27 <sup>th</sup> September 2019
	Photography contest	1 Day	10 <sup>th</sup> October 2019
	Coding Contest	1 Day	18 <sup>th</sup> October 2019
	C Puzzles	1 Day	6 <sup>th</sup> December 2019
	Cine Quiz	1 Day	13 <sup>th</sup> December 2019
	Group Discussion	1 Day	20 <sup>th</sup> December 2019
	JAM	1 Day	27 <sup>th</sup> December 2019
	Article Collection	1 Day	3 <sup>rd</sup> January 2020
	Code Hunt (6 Hour Coding Hackathon)	1 Day	24 <sup>th</sup> January 2020
	Treasure Hunt	1 Day	31 <sup>st</sup> January 2020
	Technical Paper Contest	1 Day	12 <sup>th</sup> February 2020
	IT	Inter Department Technical Paper contest	1 day
Technical Poster Presentation		1 day	20 <sup>th</sup> February 2020
Technical Model Presentation		1 day	20 <sup>th</sup> February 2020
Innovation challenge		1 day	20 <sup>th</sup> February 2020

	Coding contest	1 day	21 <sup>st</sup> February 2020
	Mono Action	1 day	21 <sup>st</sup> March 2020
	JAM(Just A Minute)	1 day	21 <sup>st</sup> March 2020
	Story Telling	1 day	23 <sup>rd</sup> March 2020
	Turn Into Telugu	1 day	23 <sup>rd</sup> March 2020
	Article Writing	1 day	25 <sup>th</sup> March 2020
MBA	Two-day National Level Management Meet	2 Days	February 2020
Phy.Edu.	JNTUK university team selection trails for Volley ball (Men & Women) and Kho-Kho(Men) and also conduct University Coaching Camp	1 Week	November 2019

**16.06 To review on APSSDC Skill Development programs.**

The members reviewed the Skill development programs organized by the APSSDC for the academic year 2018-19. Sufficient number of programs arranged by the various departments and 4704 students benefited out of these programs. Dassault Systems 3D Experience lab installed and trained 391 students in the areas of CATIA Assembly and Surface Design Modules during 01-07-2019 to 14-09-2019. Established APSSDC-ECM: ARC Labs “Indo-Euorpean Skilling Centers for Mechatronics and Industrial Robotics” and conducted online sessions from APS Gmbh Aachen Germany by Prof. Stark and Offline sessions by in-house faculty: Dr. A. Jawahar Babu, Sri D. Tarun and Sri B. Rohith Bala Jaswanth on the contests of ARC 1.0

**16.07 To review on Academic Strengthening and Advancement activities.**

The coordinator presented the Academic Strengthening and Advancement activities for the academic year 2018-19.

**16.08 Any other matter with the permission of the chair.**

Members of IQAC suggested to constitute an Academic Cell to specifically focus on curriculum development, empowering faculty on academic issues and to promote research culture.