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

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Dr. M. Kamaraju, M.E, Ph.D.,
Professor of Electronics and Communication Engg. &
Mentor (AS&A)

REF: GEC/IQAC/2020-21/320

6th October 2020

To

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

Respected Sir / Madam,

The **19th Meeting of the Internal Quality Assurance Cell** of Gudlavalleru Engineering College (Autonomous) will be held on **16-10-2020 (Friday) at 03-00 PM** through online. You are requested to make it convenient to join the meeting.

AGENDA

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

2. To review the conduction of Faculty Development Programs (FDPs) and Student Development Programs (SDPs), during the first semester of the A.Y. 2020-21.

3. To present the salient features of 2020 curriculum.

4. To present R & D, IPR and Patents activities.

5. To review on NPTEL or MOOCs courses registered by the faculty and Students.

6. To review the semester end examination results of IV B.Tech 2nd Semester.

7. Any other matter with the permission of the chair.

(M. KAMARAJU)
Coordinator

GUDLAVALLERU ENGINEERING COLLEGE

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Seshadri Rao Knowledge Village, GUDLAVALLERU – 521 356

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Minutes of the 19th Meeting of the Internal Quality Assurance Cell held on 16-10-2020 Friday at 03-00 PM through online.

Members Joined:

Sl. No.	Name of the Person and Details	IQAC Committee	User Action	Time Stamp
1	Dr. P. Ravindra Babu Principal	Chairman	Joined	16-10-2020, 2:50:05 PM
2	Dr. G V S N R V Prasad Vice Principal – Academics	Member	Joined	16-10-2020, 2:50:15 PM
3	Dr. B. Karuna Kumar Vice Principal – Administration	Member	Joined	16-10-2020, 2:50:19 PM
4	Dr. S.R.K. Reddy Professor of CE & (Management Representative)	Member	Joined	16-10-2020, 2:50:23 PM
5	Dr. P. Nageswara Reddy Professor of ME & Director (AS&A)	Member	Joined	16-10-2020, 2:50:39 PM
6	Dr. P. Kodanda Rama Rao Professor & Head, Department of CE	Member	Joined	16-10-2020, 2:55:18 PM
7	Dr. L. Ravi Srinivas Professor & Head, Department of EEE	Member	Joined	16-10-2020, 2:52:32 PM
8	Dr. M. R. Ch. Sastry Professor & Head, Department of ME	Member	Joined	16-10-2020, 2:52:45 PM
9	Dr. V. V. K. D.V. Prasad Professor & Head, Department of ECE	Member	Joined	16-10-2020, 2:52:48 PM
10	Dr. S. Narayana Professor & Head, Department of CSE	Member	Joined	16-10-2020, 2:52:52 PM
11	Dr. Ch. Kavitha Professor & Head, Department of IT	Member	Joined	16-10-2020, 2:52:59 PM
12	Dr. Ch. Nirmal Chand Professor & Head, Department of MBA	Member	Joined	16-10-2020, 2:52:29 PM
13	Dr. G.S. Bhaskara Rao Professor & Head, Department of BS&H	Member	Joined	16-10-2020, 2:52:56 PM
14	Dr. M. Vijaya Lakshmi Associate Professor & Head, Dept. of English	Member	Joined	16-10-2020, 3:02:12 PM
15	Dr. K. Syam Sundar Professor of ME and COE	Member	Joined	16-10-2020, 2:55:18 PM
16	Mr. Phani Kumar V. Sr. Gr. Asst. Professor, Dept. of CE *(Principal's Nominee)*	Member	Joined	16-10-2020, 2:59:03 PM
17	Mr. P. Tejomurthi Assistant Professor, Department of ME *(Principal's Nominee)*	Member	Joined	16-10-2020, 2:58:52 PM
18	Mrs. Y. Adilakshmi Associate Professor, Department of CSE *(Principal's Nominee)*	Member	Joined	16-10-2020, 2:59:02 PM

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19	Mr. G. Raja Kumar Assistant Professor, Department of English *(Principal's Nominee)*	Member	Joined	16-10-2020, 2:55:49 PM
20	Mr. N. Rama Rao Librarian *(Principal's Nominee)*	Member	Joined	16-10-2020, 2:55:19 PM
21	Dr. Bandaru Syam Kumar Chandrala Post, Singaluru Village, Gudlavalleru Mandal *(Member from Local Society)*	Member	Joined	16-10-2020, 2:55:15 PM
22	Ms. Sirazunnisa *Student Representative*	Member	Joined	16-10-2020, 2:59:02 PM
23	Dr. I. Satish Kumar Assistant Professor, Department of EEE, NITW, Warangal *(Alumni Representative)*	Member	Could not Join	---
24	Sri D. Anvesh Executive Manager, Efftronics Systems Pvt. Ltd. Vijayawada – 520 010. *(Member from Industry)*	Member	Joined	16-10-2020, 2:58:09 PM
25	Mr. Vinay Ramesh Campus Lead – Talent Acquisition Group, MINDTREE, Bengaluru *(Member from Industry)*	Member	Could not Join	---
26	Prof. Y. K. Sundara Krishna Principal, College of Engineering & Technology, Former Vice Chancellor (i/c), Krishna University, Machilipatnam *(Member from Stakeholders)*	Member	Joined	16-10-2020, 2:58:22 PM
27	Dr. A. Jawahar Babu Professor & Mentor (AS&A), Department of ME	Coordinator	Joined	16-10-2020, 2:45:18 PM

19.01 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 01-07-2020 to 15-10-2020. The committee reviewed the achievement of students in co-curricular & extra-curricular activities, placements provided, industrial visits arranged, faculty development programs conducted, faculty publications, etc.

19.02 To review the conduction of Faculty Development Programs (FDPs) and Student Development Programs (SDPs), during the first semester of the A.Y. 2020-21.

The members reviewed the conduction of FDPs and SDPs and Co-curricular and Extra-curricular activities during the first semester of the academic year 2020-21.

19.03 To present the salient features of 2020 curriculum.

The Coordinator presented the following salient features of R20 Curriculum.

 ➢ Induction program has been made a part of this Curriculum and considered as Zero Semester.
 ➢ Five professional elective courses are offered with 3 credits each.
 ➢ Three open elective courses are offered with 3 credits each.
 ➢ One/Two courses are offered as project based courses.
 ➢ Introduced integrated courses and industry related courses in all disciplines.
 ➢ Offered MOOCs courses as mandatory courses in the curriculum with two credits.
 ➢ Universal Human Values-1 is included with zero credits in zero semester and Universal Human Values-2 with three credit course are offered.

- Logic building and basic coding principles, programming for corporate, problems solving enhancement and linguistic competency building are offered as four single credit courses to enhance the Industrial skills of students.
- Introduced Socially Relevant Project in the curriculum with one credit.
- Mini project is included in the curriculum with two credits.
- Industrial training/Practical training/Internship with two credits offered in the curriculum
- Sports and Games / Cultural and NSS /Fine Arts / Yoga are offered as non credit mandatory courses
- Constitution of India and Environmental studies as Mandatory Non-credit course is introduced.
- Virtual lab experiments are included in some of the labs in all disciplines
- Courses related to Emerging areas are included in the curriculum.
- Courses with 20 credits are proposed to facilitate the award of Honours degree /Minor degree to the students.

19.04 To present R&D, IPR and Patents activities.

Keeping in view of the recommendations of IQAC held on 13-06-2020, College organized A three-day National Level Webinar On "Intellectual Property Rights & Patents - A View" during 10–12 August 2020. Sri Vijaya Kumar. M, Patent and Trademark Attorney, Hyderabad has provided "Overview of Intellectual Property Rights-Importance to Academia". Sri Srinivas Maddipati, President M/S Educational Society for IPR, Hyderabad emphasized on "Patent Filing in India".   Sri Prasada Rao. O, Deputy Controller of Patents & Designs Patent Office, Chennai, communicated "Filing Procedures of Patents International and Drafting of Specification".

19.05 To review on NPTEL or MOOCs courses registered by the faculty and Students.

IQAC reviewed the registration of NPTEL courses during July – December 2020. 131 faculty members and 5 students are registered in various courses.

19.06 To review the semester end examination results of IV B.Tech 2nd Semester.

IQAC reviewed the semester end examinations results of IV B.Tech 2nd semester and also reviewed the final graduates of 2016 batch.

The following are the results of

i) IV B.Tech 2nd Semester End Examinations Results Analysis for the A. Y. 2019-20

Subject	Reg.	App.	Passed	Failed	Reg. Pass %	App. Pass %
Civil Engineering	184	183	153	30	83.15	83.61
Electrical and Electronics Engineering	176	175	165	10	93.75	94.29
Mechanical Engineering	199	198	189	9	94.97	94.45
Electronics and Communication Engineering	272	271	254	17	93.38	93.73
Computer Science and Engineering	254	252	243	9	95.67	96.43
Information Technology	101	101	98	3	97.03	97.03
Overall Pass Percentage	**1186**	**1180**	**1102**	**78**	**92.92**	**93.39**

ii) Details of B.Tech Students Eligible to Obtain Degree Certificate (2016 Batch)

Branch	No.of students Registered for IV B.Tech II Semester	First Class with Distinction	First Class	Second Class	Pass Class	No.of Students Successfully Completed	% of Students Successfully Completed
CE	184	76	51	3	-	**130**	**70.65**
EEE	176	79	49	5	-	**133**	**75.57**
ME	200	89	53	8	-	**150**	**75.00**
ECE	273	180	51	1	-	**232**	**84.98**
CSE	255	180	42	3	-	**225**	**88.24**
IT	101	48	30	3	-	**81**	**80.20**
Overall :	**1189**	**652**	**276**	**23**	**-**	**951**	**79.98**

19.07 Any other matter with the permission of the chair.

i) Members of IQAC suggested to provide Smart Boards gradually, as smart boards are very much useful for the effective learning by the students.

ii) Members of IQAC recommended to make use of the projects developed by the students in day-to-day function of the college.

iii) Members of IQAC recommended to increase the guidance and mentoring activities by senior students to junior students as the peer group influence contributes well.

iv) Members of IQAC suggested to take relevant steps to design syllabi of UG-B.Tech (Artificial Intelligence and Data Science) and UG-B.Tech (Internet of Things) as they are the emerging areas and they will enhance employment potential in future course of time.