

SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE


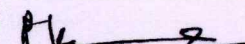
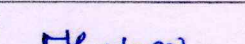
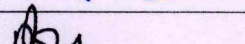
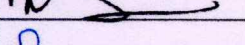
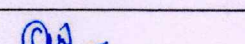
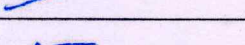

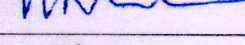
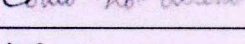
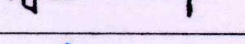
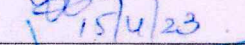
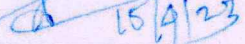
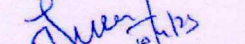

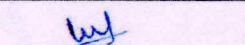
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Seshadri Rao Knowledge Village, GUDLAVALLERU – 521 356

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Minutes of the 28th Meeting of the Internal Quality Assurance Cell held on 15-04-2023, Saturday at 11-00 AM in the Management Conference Hall.

Members Joined:

Sl. No.	Name of the Person and Details		IQAC Committee	Signature
1	Dr. G V S N R V Prasad	Principal	Chairman	
2	Dr. P. Kodanda Rama Rao	Vice Principal – Administration	Member	
3	Dr. M. R. Ch. Sastry	Vice Principal - Academics	Member	
4	Dr. P. Ravindra Babu	Professor of ME & Management Representative	Member	
5	Dr. B. Karuna Kumar	Professor of ME & Director (AS&A)	Member	
6	Sri G. Somaraju	Office Superintendent (i/c)	Member	
7	Dr. A. Sreenivasulu	Professor & Head Department of CE	Member	could not attend
8	Dr. B. Dasu	Assoc.Prof.& Head (i/c) Department of EEE	Member	
9	Dr. A. Jawahar Babu	Professor & Head Department of ME	Member	
10	Dr. Y. Rama Krishna	Professor & Head Department of ECE	Member	
11	Dr. M. Babu Rao	Professor & Head Department of CSE	Member	
12	Dr. Ch. Kavitha	Professor & Head Department of IT	Member	could not attend
13	Dr. K. Srinivas	Professor & Head (I/c) Department of AI&DS	Member	
14	Dr. Y. Syamala	Assoc. Prof. & Head (I/c) Department of IoT	Member	 15/4/23
15	Dr. Ch. Nirmal Chand	Professor & Head Department of MBA	Member	 15/4/23
16	Dr. S. Suresh	Sr.Gr.Asst.Prof. & Head (I/c) Department of BS&H	Member	 15/4/23
17	Mr. G. Raja Kumar	Asst. Prof. & Head (I/c), Department of English	Member	
18	Dr. K. Syam Sundar	Professor of ME and CoE	Member	
19	Mr. G. Balaji	Assistant Professor Department of EEE	Member	 15/4/23



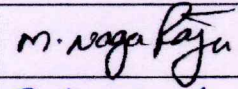
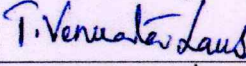
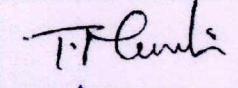
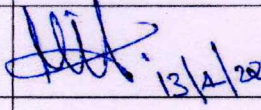
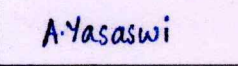
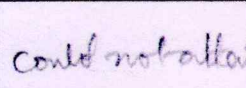
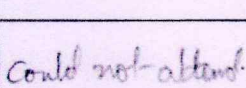
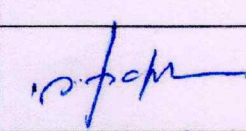
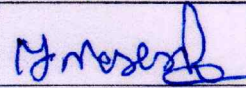
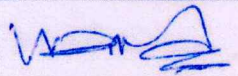
PRINCIPAL

Seshadri Rao

Gudlavalleru Engineering College

Seshadri Rao Knowledge Village

Gudlavalleru - 521 356, Kakinada

Sl. No.	Name of the Person and Details		IQAC Committee	Signature
20	Mr. M. Nagaraju	Assistant Professor Department of IT	Member	
21	Mrs. T. Venkata Lakshmi	Associate Professor Department of ECE	Member	
22	Mr. T. Murali	Junior Librarian	Member	
23	Sri M. Vijaya Rama Kumar	1-2-597/42, Ramakrishna Mutt Road, Lower Tankbund, Hyderabad, 500080. (Member from Local Society)	Member	
24	Ms. Adapa Yasaswi (20481A0503)	III Year B.Tech - CSE (Student Representative)	Member	
25	Dr. Vanama Raghava Kumar	Assistant Professor, C19, Dept. of CE, NIT, Tiruchirapalli, Trichy, Tamil Nadu - 620015 (Alumni Representative)	Member	
26	Sri B. N. R. Ganesh	Deputy General Manager, Bharath Electronics Limited, Machilipatnam (Member from Industry)	Member	
27	Sri Paparao Madasu	Managing Director Apsolut Software India Pvt. Ltd. Amaravathi, Mangalagiri, AP (Member from Industry)	Member	
28	Dr. Moparathi Nageswara Rao	Flat 204, Sree Ramji Towers, Murali Nagar, Kanuru, Vijayawada-520007 (Member from Stakeholders)	Member	
29	Dr. V. V. K. D.V. Prasad	Professor of ECE	Convener	

28.01 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 01-01-2023 to 15-04-2023. 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.

28.02 To review the First Semester End examination results for the academic year 2022-23.

The Coordinator has presented the Semester Examination results (Regular) of B.Tech, M.Tech and MBA from December 2022 to April 2023 for the academic year 2022-23. The members advised the Principal to identify slow learners during semester course work and conduct more tutorial classes for them in difficult subjects and counsel them also. The details are given as *Annexure-I* (See page No. 4).

28.03 To review on the submission of NAAC SSR for Reassessment..

The coordinator informed the members that Institutional Information for Quality Assessment (IIQA) is submitted. After its acceptance by NAAC, SSR(Self Study Report) will be uploaded.

28.04 To present the report of Academic and Administrative Audit conducted for the period from 01-07-2021 to 30-06-2022.

The Coordinator has presented the summary reports of the External Academic and Administrative Audit for the period from 01-01-2017 to 30-06-2018. The members advised to form Research advisory committees in all departments for improving the R&D and Consultancy activities. The details of the report are presented in *Annexure – II* (See page No. 6).

28.05 To encourage the students to register for global certification programs like AWS Academy, CISCO Networking, Microsoft, etc.

The members advised to encourage the students to register for more number of certification programs. They suggested that value added courses must be industry oriented and incubation approach must be there.

28.06 To discuss on MoUs with foreign Universities.

The members suggested to go for MoUs with foreign universities in different countries like Germany, France etc and advised to study all the possibilities in this regard.

28.07 To discuss on revision of R23 Curriculum.

The coordinator presented the salient features of R20 curriculum. The members opined that it is better to integrate Indian Knowledge System in R23 curriculum.

28.08 To discuss on modalities to improve Industry Institute Interaction.

The members suggested that faculty as well as students should be aware of Industrial practices. Industry gaps should be identified and included in the curriculum. Encourage the faculty members to take R&D projects with industry.

28.09 To discuss on role of engineers to protect environment for the benefit of society.

The members opined that the role of Engineers in protecting the environment is very high. They should always put efforts to protect the environment which would be the future operation model.

28.11 Any other matter with the permission of the Chair.

- The coordinator presented the AQAR report for the academic year 2021-22 which is submitted to NAAC on 22-02-2023
- The coordinator informed the members that Silver Jubilee Celebrations are initiated by APSCHE Chairman Dr. K. Hema Chandra Reddy on College Annual Day, 25.03.2023. In this connection members advised to conduct ISTE Convention and International Conference as a part of Silver Jubilee Celebrations.

* * *

Annexure - I

The Semester End Examinations results analysis for the period from December 2022 to April 2023 (Academic Year 2022-23)

a) Regular Examinations:

I B.Tech 1st Semester (R20) Regular Examinations, February 2023

Subject	Reg.	App.	Passed	Failed	Reg. Pass %	App. Pass %
Civil Engineering	44	41	23	18	52.27	56.10
Electrical and Electronics Engineering	90	90	76	14	84.44	84.44
Mechanical Engineering	57	56	41	15	71.93	73.21
Electronics and Communication Engineering	252	249	193	56	76.59	77.51
Computer Science and Engineering	262	261	232	29	88.55	88.89
Information Technology	191	191	156	35	81.68	81.68
CSE (Artificial Intelligence and Machine Learning)	126	126	113	13	89.68	89.68
Artificial Intelligence and Data Science	127	127	108	19	85.04	85.04
Internet of Things	112	112	90	22	80.36	80.36
Overall Pass Percentage	1261	1253	1032	221	81.84	82.36

II B.Tech 1st Semester (R20) Regular Examinations, February 2023

Subject	Reg.	App.	Passed	Failed	Reg. Pass %	App. Pass %
Civil Engineering	106	102	79	23	74.53	77.45
Electrical and Electronics Engineering	128	126	74	52	57.81	58.73
Mechanical Engineering	177	165	90	75	50.85	54.55
Electronics and Communication Engineering	284	282	165	117	58.10	58.51
Computer Science and Engineering	285	283	243	40	85.26	85.87
Information Technology	212	212	173	39	81.60	81.60
CSE (Artificial Intelligence and Machine Learning)	71	70	49	21	69.01	70.00
Artificial Intelligence and Data Science	135	134	103	31	76.30	76.87
Internet of Things	71	71	59	12	83.10	83.10
Overall Pass Percentage	1469	1445	1035	410	70.46	71.63

III B.Tech 1st Semester (R20) Regular Examinations, December 2022

Subject	Reg.	App.	Passed	Failed	Reg. Pass %	App. Pass %
Civil Engineering	122	119	97	22	79.51	81.51
Electrical and Electronics Engineering	124	123	105	18	84.68	85.37
Mechanical Engineering	189	187	164	23	86.77	87.70
Electronics and Communication Engineering	276	272	243	29	88.04	89.34
Computer Science and Engineering	275	274	267	7	97.09	97.45
Information Technology	211	210	187	23	88.63	89.05
Artificial Intelligence and Data Science	70	68	65	3	92.86	95.59
Internet of Things	66	64	44	20	66.67	68.75
Overall Pass Percentage	1333	1317	1172	145	87.92	88.99

IV B.Tech 1st Semester (R17) Regular Examinations, December 2022

Subject	Reg.	App.	Passed	Failed	Reg. Pass %	App. Pass %
Civil Engineering	163	158	142	16	87.12	89.87
Electrical and Electronics Engineering	111	106	90	16	81.08	84.91
Mechanical Engineering	169	164	132	32	78.11	80.49
Electronics and Communication Engineering	264	264	257	7	97.35	97.35
Computer Science and Engineering	271	270	264	6	97.42	97.78
Information Technology	130	129	124	5	95.38	96.12
Overall Pass Percentage	1108	1091	1009	82	91.06	92.48

IV B.Tech 2nd Semester (R17) Regular Examinations, April 2023

Subject	Reg.	App.	Passed	Failed	Reg. Pass %	App. Pass %
Civil Engineering	163	161	154	7	94.48	95.65
Electrical and Electronics Engineering	111	107	97	10	87.39	90.65
Mechanical Engineering	168	164	154	10	91.67	93.90
Electronics and Communication Engineering	264	263	258	5	97.73	98.10
Computer Science and Engineering	270	270	229	1	99.63	99.63
Information Technology	130	128	123	5	94.62	96.09
Overall Pass Percentage	1106	1093	1055	38	95.39	96.52

M.Tech 1st Semester (R20) Regular Examinations, March 2023


Subject	Reg.	App.	Passed	Failed	Reg. Pass %	App. Pass %
Structural Engineering	-	-	-	-	-	-
Power Electronics and Electric Drives	-	-	-	-	-	-
Machine Design	-	-	-	-	-	-
Embedded Systems & VLSI Design	1	1	1	0	100.00	100.00
Overall Pass Percentage	1	1	1	0	100.00	100.00

MBA 1st Semester (R20) (2022 Admitted) Regular Examinations, March 2023

Subject	Reg.	App.	Passed	Failed	Reg. Pass %	App. Pass %
Master of Business Administration	65	65	51	14	78.46	78.46

MBA 3rd Semester (R20) (2021 Admitted) Regular Examinations, February 2023

Subject	Reg.	App.	Passed	Failed	Reg. Pass %	App. Pass %
Master of Business Administration	57	57	46	11	80.70	80.70



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Gudlavalluru Engineering College
Seshadri Rao Knowledge Village
Gudlavalluru - 504 002 (K.R. Road, 21 km from

Annexure - II

The Summary report of Extent Academic & Administrative Audit for the academic year 2021-22

SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE

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

Seshadri Rao Knowledge Village, Gudlavalleru – 521 356.

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ACADEMIC AND ADMINISTRATIVE AUDIT

(For the A.Y 2021 -2022)

Summary Sheet

1. Curricular Aspects

Strengths:

1. Academic Strengthening and advancement cell has been established to make the faculty ready for teaching advanced learners.
2. Curriculum is updated by providing options for the students to pursue 'Minors' and 'Honors'.
3. Value addition by certification programs as well as technology training is focused through APSSDC, NPTEL, etc.

Suggestions:

1. Industry – Institute interaction may be given a priority

2. Teaching-Learning and Evaluation

Strengths:

1. Guide-Mentee program is implemented effectively
2. Inviting experts from Industry and academia is being practiced.
3. Industry internship is made mandatory for all students.
4. A system has been well established in providing remedial classes for slow learners
5. Incentives are provided for faculty serving the institute for a long period.

Suggestions:

1. Arrangements shall be made to cater to the needs of fast learners by providing coaching for higher studies opportunities such as GATE.
2. Continuous updating of the skills on using latest software and equipment among the technical supporting staff.

3. Research, Consultancy and Extension

Strengths:

1. Incentives to faculty for patents, publication in journals and conferences is in place.
2. Institute is granting research seed money to the faculty based on the proposals submitted by them.

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Suggestions:

1. Research output by a way of quality publications in SCI / Scopus indexed journals needs a substantial improvement.
2. Sponsored research and consultancy are very limited. The faculty members have to be motivated towards applying for sponsored research projects.

4. Infrastructure and Learning Resources

Strengths:

1. Good infrastructure facilities such as class rooms, laboratory, library, sports and games, transportation, medical facilities, etc. are available in the institute.

Suggestions:

1. Industry supported labs are to be established in every department.

5. Student Support and Progression

Strengths:

1. Student mentoring system is well established and implemented effectively.
2. A grant of Rs. 5.00 lakhs are ear-marked for students to work on innovative ideas.
3. Students are participating actively in Community Service Projects.

Suggestions:

1. Success rate of the students completing the degree in 4 years is to be improved.
2. Students are to be encouraged to initiate start-ups.
3. Interdisciplinary projects among students are to be encouraged.
4. A strong alumnus base needs to be established and their involvement in the institute developmental activities is to be increased.

6. Governance, Leadership and Management

Strengths:

1. Green and energy audit are being evaluated with the help of an certified external agency regularly.
2. Institute is supporting the faculty and staff in continuous updating of their knowledge and skills.
3. Management is successful in providing good work culture and team work and also in creating ownership among the faculty members.
4. Faculty serving for long years is rewarded by the management.

Suggestions:

1. Incentives may be provided to the faculty getting external research grants.
2. Good numbers of functional MoUs are in place, but the research interactions may be given a priority to improve publications or research.
3. Institute shall have a strategic plan for next FIVE years and work towards achieving the goals/targets set.

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Seshadri Rao Knowledge Village
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7. General Remarks

1. The institute is doing fairly well in teaching-learning. However, Research and consultancy shall be the focus for the coming years.
2. Good numbers of faculty members have been recognized by JNTUK to guide PhD students.
3. Faculty experience and retention is very good.

8. Suggestions

1. Sponsored research and consultancy are limited. The faculty members have to be motivated to apply for external sponsored research projects.
2. Industry-Institute interaction may be given a priority.
3. A strong alumnus base needs to be established.

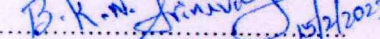
Evaluator 1

Name : Prof. Y. K. Sundara Krishna

Signature :  15/02/23


Evaluator 2

Name : Dr. B.K.N Srinivasa Rao

Signature :  15/2/2023

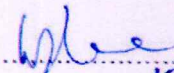
Evaluator 3

Name : Dr. L Ravi Srinivas.

Signature :  15/02/23

Evaluator 4

Name : Dr. G. Reddy Babu

Signature :  15/02/23

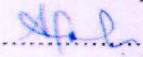
Evaluator 5

Name : Dr. Ch. Suresh Babu

Signature :  15/02/23

Chairperson of the Committee

Name : Dr. A Venu Gopal

Signature :  15.2.2023

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