



# **SESHADRI RAO GUDLALLERU ENGINEERING COLLEGE**

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

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## **Report on Performance of the Institution for the Academic Year 2021-22 by the External Peer Team of IQAC**

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

Seshadri Rao Knowledge Village, Gudlavalleru- 521356

## IQAC-EXTERNAL PEER TEAM REPORT ON PERFORMANCE OF THE INSTITUTION-ACADEMIC YEAR 2021-22

### *Members of External Peer Team:*

**Dr. Y. K. Sundara Krishna** - Professor, Department of Computer Science, Krishna University & External Peer Team Member, IQAC, SRGEC

**Dr. S. Pitchi Reddy** -Professor, Department of Mechanical Engineering, Lakireddy Bali Reddy College of Engineering, Mylavaram & External Peer Team Member, IQAC, SRGEC

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1. **Name of the College** : Seshadri Rao Gudlavalleru Engineering College  
Gudlavalleru –521356
2. **Name of the Principal** : Dr. G.V.S.N.R.V PRASAD
3. **Telephone/Fax / Email** : Phone No: 08674-273737; 08674-273888  
Email: principal@gecgudlavalleru.ac.in  
Website: <https://www.gecgudlavalleru.ac.in>
4. **Year of Establishment** : 1998
5. **Whether private or government Or University maintained** : Private / Self Financing
6. **Autonomous Status** : 1.UGC granted Autonomous Status in 2014 for a period of 5 Years from 2014-2015 to 2019-2020  
Ref.No.F.22-1/2014(AC) dated 19-06-2014  
2. UGC extended Autonomous status for a period of 5 years from 2020-21 to 2024- 2025, Ref. No. F22-1/2017 (AC), dated 17.02.21
7. **Name of the Affiliating Univ.** : Jawaharlal Nehru Technological University Kakinada,  
Kakinada

**Courses Offered:****UG Courses: B.Tech.,**

S. No.	Program Name	Sanctioned Intake
1	Civil Engineering	120
2	Electrical and Electronics Engineering	120
3	Mechanical Engineering	180
4	Electronics and Communication Engineering	240
5	Computer Science and Engineering	240
6	Information Technology	180
7	Artificial Intelligence and Data Science	120
8	Internet of Things	60
9	Computer Science and Engineering(AI&ML)	60

**PG Courses: M.Tech., MBA**

S. No.	Program Name	Sanctioned Intake
1	Structural Engineering	12
2	Power Electronics and Electrical Drives	06
3	Machine Design	06
4	VLSI Design and Embedded Systems	06
5	Computer Science and Engineering(AI &ML)	06
6	Master of Business Administration	60

**CURRICULAR ASPECTS:**

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

## **TEACHING –LEARNING AND EVALUATION**

- Guide-Mentee program is implemented effectively
- Inviting experts from Industry and academia is being practiced.
- Industry internship is made mandatory for all students.
- A system has been well established in providing remedial classes for slow learners
- Incentives are provided for faculty serving the institute for a long period.
  - Number of full time faculty during the year : 314
  - Number of full-time faculty with PhD during the year : 77

## **RESEARCH, CONSULTANCY AND EXTENSION:**

- Incentives to faculty for patents, publication in journals and conferences is in place.
- Institute is granting research seed money to the faculty based on the proposals submitted by them.
  - Seed money provided by the institution to its teachers for research during the year (INR in lakhs) : 3.20
  - Grants received from the Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs) : 9.56
  - Number of research papers by the faculty members in CARE Journals notified on UGC website during the year : 287
  - Number of books and chapters in edited volumes / books published by the faculty members during the year : 125
  - Revenue generated from the consultancy and the corporate training during the year (INR in lakhs) : 3.35
  - Number of functional MoUs with institutions of national and/or international importance, other universities, industries etc. during the year : 07

## **INFRASTRUCTURE AND LEARNING RESOURCES:**

- Good infrastructure facilities such as class rooms, laboratory, library, sports and games, transportation, medical facilities, etc. are available in the institute.
- Number of classrooms and seminar halls: 100
- Expenditure for infrastructure augmentation during the year (in Lakhs) : 794.22

- Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (in lakhs) : 19.07
- Expenditure incurred on maintenance of physical and academic support facilities during the year ( in lakhs) : 550.12

### **STUDENT SUPPORT AND PROGRESSION:**

- Student mentoring system is well established and implemented effectively.
- A grant of Rs. 5.00 lakhs are ear-marked for students to work on innovative ideas
- Students are participating actively in Community Service Projects.
- The institution has Ant ragging committee and Grievance redressal committee.

### **GOVERNANCE, LEADERSHIP AND MANAGEMENT:**

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

### **Suggestions**

- Industry-Institute interaction may be given a priority
- Arrangements shall be made to cater to the needs of fast learners by providing coaching for higher studies opportunities such as GATE
- Continuous updating of the skills on using latest software and equipment among the technical supporting staff.
- Research output by a way of quality publications in SCI/Scopus indexed journals needs a substantial improvement
- Sponsored research and consultancy are very limited. The faculty members have to be motivated towards applying for sponsored research projects
- Industry supported labs are to be established in every departments
- Success rate of the students completing the degree in 4 years is to be improved

- Students are to be encouraged to initiate start-ups.
- Interdisciplinary projects among students are to be encouraged
- A strong alumnus base needs to be established and their involvement in the institute developmental activities is to be increased
- Incentives may be provided to the faculty getting external research grants.
- Good numbers of functional MoUs are in place, but the research interactions may be given a priority to improve publications or research.
- Institute shall have a strategic plan for next FIVE years and work towards achieving the goals/targets set.
- Sponsored research and consultancy are limited. The faculty members have to be motivated to apply for external sponsored research projects.
- Industry-Institute interactions may be given a priority
- A Strong alumnus base needs to be established.



**Dr.S. Pitchi Reddy**

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