

# **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.

**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.

## 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 :  15/02/2023

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