

SESHADRI RAO
GUDLAVALLERU ENGINEERING COLLEGE
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)
Seshadri Rao Knowledge Village, Gudlavalleru – 521 356.

* * *

ACADEMIC AND ADMINISTRATIVE AUDIT

(For the A.Y 2021 -2022)

Action Taken Report

Sl. No	Criteria	Evaluation Committee Report	Action Taken
1	Curricular Aspects	<ul style="list-style-type: none"> Industry – Institute interaction may be given a priority 	Faculty are sponsor for industrial training.
2	Teaching-Learning and Evaluation	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Periodical tests on GATE are conducted with in the class time table. Provision is made for GATE classes.
3	Research, Consultancy and Extension	<ul style="list-style-type: none"> 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. 	Research policy is formulated to encourage faculty and to set target for Research and Consultancy.
4	Infrastructure and Learning Resources	<ul style="list-style-type: none"> Industry supported labs are to be established in every department. 	-
5	Students Support and Progression	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Success rate of students is improved. IIC cell is established to motivate students on innovation startups. Mini projects are in place with interdisciplinary approach.

6	Governance, Leadership and Management	<ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • Policy on incentive for faculty for getting external research grants in place. • Good no. of activities are conducted as part of MoU's. • Implementation of strategic plan is improved.
7	General Remarks	<ul style="list-style-type: none"> • The institute is doing fairly well in teaching-learning. However, Research and consultancy shall be the focus for the coming years. • Good numbers of faculty members have been recognized by JNTUK to guide PhD students. • Faculty experience and retention is very good 	Institution taken enhancement of R&D as it focal point
8	Suggestions	<ul style="list-style-type: none"> • Sponsored research and consultancy is limited. The faculty members have to be motivated towards applying for sponsored research projects. • Placements are majorly in software for most of the branches of engineering. Efforts are required to invite core companies for campus placement. • Industry-Institute interaction may be given a priority. • A strong alumnus base needs to be established 	<ul style="list-style-type: none"> • Participation of core companies in campus recruitment is improved. • Efforts are in place to build strong alumni support and participation in institution development.


IQAC


Principal
PRINCIPAL
Seshadri Rao
Gudlavalleru Engineering College
Seshadri Rao Knowledge Village
Gudlavalleru - 521 356, Krishna District. A.P.

SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)
Seshadri Rao Knowledge Village, Gudlavalleru – 521 356.

ACADEMIC AND ADMINISTRATIVE AUDIT

(For the period 01-07-2020 to 30-06-2021)

Summary Sheet

Action Taken Report

Sl. No	Criteria	Evaluation Committee Report	Action Taken
1	Curricular Aspects	<ul style="list-style-type: none"> • Industry – Institute interaction shall be improved by sponsoring the faculty to industrial training • Value added courses are to be conducted regularly. • Students shall be encouraged to opt for minor/honor degree programs 	Provision for registering for Minor degree/Honor's degree is made in the curriculum
2	Teaching-Learning and Evaluation	<ul style="list-style-type: none"> • Arrangements shall be made to cater the learning needs of advanced learners by making them to solve innovative assignments and encouraging them to take up society related programs. • Outcome based education is to be implemented in effective manner. • Guide Mentee program shall be strengthened • Guest lectures / workshops by industry people is to be improved • Analysis of student feed back and corrective actions is to be improved. 	<ul style="list-style-type: none"> • Classes are Higher learner are made as part of class work to support advanced learners. • Guide – Mentee program is strengthened • Good no. of student development programs are organized.
3	Research, Consultancy and Extension	<ul style="list-style-type: none"> • Quality of research publications shall be Improved. • In-house R&D projects by faculty and students shall be increased. • Quality of student projects shall be improved by taking up society relevant projects • Sponsored R&D Projects/Consultancy projects shall be obtained from the externally funded agencies like MHRD, DST, ISRO etc. • Incentives to faculty shall be provided based on quality publications and funded projects. • Faculty are to be encouraged to apply for patents and copyrights. • Departments need to enter into more MOUs with reputed companies and R&D organizations • Faculty and student memberships in 	<ul style="list-style-type: none"> • Faculty are encouraged to obtain patents through their quality research. • Students are guided to choose socially relevant projects. • No. of MoU's are increased.

		professional bodies to be increased	
4	Infrastructure and Learning Resources	<ul style="list-style-type: none"> • Skill Centres for the departments are to be increased • Industry supported laboratories are to be established in every department. • Analysis of feedback on facilities and corrective actions is to be improved. • Students and faculty should be encouraged to utilise the library resources effectively 	Visual access to library resources is provided.
5	Students Support and Progression	<ul style="list-style-type: none"> • Students shall be encouraged to complete MOOC courses with good score • Certification courses by students is to be improved. • Students are to be encouraged to initiate start-ups. • Interdisciplinary projects by students is to be encouraged. • Entrepreneurship development cell activities are to be improved. • Clubs and association activities are to be improved • Alumni association involvement in institute development is to be strengthened • GATE classes to students shall be conducted • Students are encouraged to participate in social service activities like NSS 	<ul style="list-style-type: none"> • Students are pursuing online courses and obtaining Industrial certifications. • Inter disciplinary projects are encouraged. • NSS special camps are organized.
6	Governance, Leadership and Management	<ul style="list-style-type: none"> • Strategic plan is to be implemented effectively • Department office Automation is to be done. • Green audit , environment audit and energy audit is to be conducted effectively. • Incentives are to be provided to faculty based on quality publications and funded projects 	Department office Automation is initiated. Green audit, Energy audit and environment audit are conducted
7	General Remarks	<ul style="list-style-type: none"> • Efforts shall be made to obtain more GATE ranks • Faculty members are encouraged to publish quality publications 	Advanced learners are encouraged and supported for attending competitive examinations
8	Suggestions	<ul style="list-style-type: none"> • R&D and consultancy are to be improved • Quality publications are to be increased • Industry Institute interaction is to be improved • Efforts are to be made to increase the average package of placements. 	<ul style="list-style-type: none"> • Average package of placement is improved. • Research centres are active to carryout quality research.


IQAC


Principal
PRINCIPAL
Seshadri Rao
Gudlavalleru Engineering College
Seshadri Rao Knowledge Village
Gudlavalleru - 521 356, Krishna District, A.P.
Page - 2

GUDLAVALLERU ENGINEERING COLLEGE

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

Seshadri Rao Knowledge Village, Gudlavalleru - 521 356.

* * *

ACADEMIC AND ADMINISTRATIVE AUDIT

(For the period 01-07-2019 to 30-06-2020)

Action Taken Report

Sl. No	Criteria	Evaluation Committee Report	Action Taken
1	Curricular Aspects	<ul style="list-style-type: none">• Industry: Institute interaction shall be provided. by sponsoring the faculty to industrial training.• Include courses on emerging technologies in the next curriculum revision.	Few faculty are sponsored to Industrial Training R-20 Curriculum is enriched with courses
2	Teaching-Learning and Evaluation	<ul style="list-style-type: none">• Arrangements shall be made to cater the learning needs of advanced learners by making them to solve innovative assignments and encouraging them to take up society related projects.• Guide-Mentee program shall be strengthened so that senior faculty will give guidance to junior faculty in class room instruction as well as in learning material preparation.• Quality of examination question papers shall be further improved so that they. Effectively test the students at various levels of Bloom's taxonomy.	Quality of Question paper is improved
3	Research, Consultancy and Extension	<ul style="list-style-type: none">• Quality of research publications shall be improved.• In-house R&D projects by faculty and students shall be increased.• Quality of student projects shall be improved by taking up society relevant projects.• Sponsored R&D projects/consultancy projects shall be obtained from the externally funded agencies like MHRD, DST, ISRO etc.• Incentives to faculty shall be provided based on quality publications and funded projects.• Departments need to enter into more MOU, with reputed companies and R&D organizations yoga.• Extension services such as NSS, sports and games, cultural and yoga are to be made part of the curriculum.	<ul style="list-style-type: none">• Rs. 2, 50,000/- were sanctioned towards in-house R&D.• Few batches of students did their project at industry.• Extension services are made part of the curriculum.

4	Infrastructure and Learning Resources	<ul style="list-style-type: none"> 90% of class rooms shall be upgraded as e-class rooms. Skill centers for the departments are to be increased Central lecture theater is being utilized effectively by conducting lectures by senior faculty. e-learning material is made available in the library server. 	<ul style="list-style-type: none"> No. of e - class rooms are increased. Skills centres are established E - Learning resources are made available in Library.
5	Students Support and Progression	<ul style="list-style-type: none"> GATE classes to students shall be conducted. Training on programming skills with reference to Hackerrank.com, codechef.com etc. shall be started from II year onwards. Clubs and association activities are to be improved. Alumni association involvement in institute development is to be strengthened. 	<ul style="list-style-type: none"> Good number of training programs are organized. Alumni are invited to take active participation in sensitizing their juniors on recent trends
6	Governance, Leadership and Management	<ul style="list-style-type: none"> Guide - mentee program need to be strengthened. Incentives are to be provided to faculty based on quality publications and funded projects. 	Incentives are introduced
7	General Remarks	<ul style="list-style-type: none"> Efforts shall be made to obtain more GATE ranks. Faculty members are encouraged to publish quality publications. Students are encouraged to participate in social service activities like NSS. 	Student participation in NSS and Unnath bharath abhiyan is improved
8	Suggestions	<ul style="list-style-type: none"> R&D and consultancy activities are to be improved. GATE ranks are to be increased Quality publications are to be increased. 	Efforts are made to improve R&D consultancy. Higher learning classes are introduced to support advanced learners


IQAC


Principal
PRINCIPAL
GUDLAVALLERU ENGINEERING COLLEGE
GUDLAVALLERU - 521 356

GUDLAVALLERU ENGINEERING COLLEGE
 (An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)
 Seshadri Rao Knowledge Village, Gudlavalleru – 521356, Krishna District (A.P.)

ACADEMIC AND ADMINISTRATIVE AUDIT
 (For the period of 01-07-2018 -30-06-2019)

Summary Sheet

Action Taken Report

Sl. No	Criteria	Evaluation Committee Report	Action Taken
1	Curricular Aspects	<ul style="list-style-type: none"> Based on reports available, it is evident that the college is doing excellent on this component. 	-
2	Teaching-Learning and Evaluation	<ul style="list-style-type: none"> Based on reports available, it is evident that overall the college is doing excellent on this component. Question paper quality and evaluation need to improve further. The teaching learning process very good. 	-
3	Research, Consultancy and Extension	<ul style="list-style-type: none"> Based on reports available, it is evident that Assessment was done by providing questionnaire consisting of fourteen questions for this component. Overall this component performance is to be improved. Papers are presented by faculty but qualities of papers are to be improved. Poor consultancy, sponsored research projects. 	Faculty are motivated and encouraged to improve quality research by publishing papers in reputed journals and suggested to improve consultancy activities.
4	Infrastructure and Learning Resources	<ul style="list-style-type: none"> Based on reports available, overall the college is doing good on this component. Content development activities and preparation of learning resources by faculty is to be encouraged by providing incentives for good quality content development. 	Monitoring Mechanism for improving the quality of Learning resource is takenup
5	Students Support and Progression	<ul style="list-style-type: none"> Based on reports available, it is evident that overall the college is doing good on this component. 	-
6	Governance, Leadership and Management	<ul style="list-style-type: none"> Based on reports available, it is evident that the college is doing excellent on this component. 	-

7	Strengths	<ul style="list-style-type: none"> • Many faculty scored good NPTEL certifications with ranks. This will improve teaching learning and assessment process in the institute. • Infrastructure and ambience are excellent. • Good governance. 	-
8	Weaknesses	<ul style="list-style-type: none"> • Research consultancy and sponsored projects are very poor. Poor quality of research papers. • Quality of question papers are to be improve. Institute is following Bloom's taxonomy in setting question paper. 	Faculty orientation programs on "Bloom's Taxonomy" were conducted Senior faculty used to monitor the quality of Question Papers.


IQAC


Principal
PRINCIPAL
GUDLAVALLERU ENGINEERING COLLEGE
GUDLAVALLERU - 521 356

GUDLAVALLERU ENGINEERING COLLEGE
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)
Seshadri Rao Knowledge Village, Gudlavalleru – 521356, Krishna District (A.P.)


ACADEMIC AND ADMINISTRATIVE AUDIT
(For the period of 01-01-2017 -30-06-2018)
Summary Sheet

Action Taken Report

Sl. No	Criteria	Evaluation Committee Report	Action Taken
1	Curricular Aspects	Based on reports available, it is evident that this component has scored around 2.8/3 average across all 7 departments. Assessment was done by providing questionnaire consisting of ten questions for this component. Overall the college is doing excellent on this component.	-
2	Teaching-Learning and Evaluation	Based on reports available, it is evident that this component has scored around 2.6/3 on average across all 7 departments. Assessment was done by providing questionnaire consisting of twenty three questions for the component. Overall the college is doing excellent on this component. Question paper quality and evaluation need to improve further. The teaching learning process very good.	-
3	Research, Consultancy and Extension	<ul style="list-style-type: none"> • Based on reports available, it is evident that this component has scored around 2.8/3 on average across 7 departments. Assessment was done by providing questionnaire consisting of fourteen questions for this component. Overall this component performance is to be improved. • Papers are presented by faculty but quality of papers are to be improved. • Poor consultancy, sponsored research projects. 	Faculty are motivated and encouraged to improve quality research
4	Infrastructure and Learning Resources	<ul style="list-style-type: none"> • Based on reports available, it is evident that this component has scored around 2.8/3 on average across all 7 departments. Assessment was done by providing questionnaire consisting of eighteen questions for this component. Overall the college is doing good on this component. • Content development activities and preparation 	Monitoring Mechanism for improving the quality of Learning resource is takenup

		of learning resources by faculty is to be encouraged by providing incentives for good quality content development.	
5	Students Support and Progression	Based on reports available, it is evident that this component has scored around 2.4/3 on average across all 7 departments. Assessment was done by providing questionnaire consisting of Sixteen questions for this component. Overall the college is doing good on this component.	-
6	Governance, Leadership and Management	Based on reports available, it is evident that this component has scored around 2.8/3 on average across all 7 departments. Assessment was done by providing questionnaire consisting of fifteen questions for this component. Overall the college is doing excellent on this component.	-
7	Strengths	<ul style="list-style-type: none"> Processors are well maintained and documentation of various components are excellent. Many faculty scored good NPTEL certifications with ranks. This will improve teaching learning and assessment process in the institute. Infrastructure and ambience are excellent. Good governance. 	-
8	Weaknesses	<ul style="list-style-type: none"> Research consultancy and sponsored projects are very poor. Poor quality of research papers. Quality of question papers are to be improve. Institute is following Bloom's taxonomy in setting question paper. 	Faculty orientation programs on "Bloom's Taxonomy" were conducted Senior faculty used to monitor the quality of Question Papers.

 IQAC


Principal
PRINCIPAL
GUDLAVALLERU ENGINEERING COLLEGE
GUDLAVALLERU - 521 356