K.S.R.M. COLLEGE OF ENGINEERING

UGC - AUTONOMOUS

Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.

Kadapa, Andhra Pradesh, India– 516 003

Internal Quality Assurance Cell (IQAC)

EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT
(ACADEMIC YEAR: 2021-22)

Date of Audit: 19|10|2022.

Name and Designation of Audit Member-1: Dr. V. Gopi Krishna Rao, ME, Phd. Professor and IQAC coordinator RGM college of Engg. & Technology (Autonomous) Nandyal.

Name and Designation of Audit Member-2: Dr. T. Jaya chandra Prasad, ME, phd. Principal, RGM college of Engg. & Technology (Autonomous) Nandyal.

(The activities are to be graded on the following scale)

Excellent	Good	Satisfactory	Needs improvement
A	B	C	D

Details of Programmes in the college:

S.No.	Name of the Programme	Sanctioned Strength	Actual Strength
UG			
1	B.Tech (Civil Engineering)	193	95
2	B.Tech (Computer Science Engineering)	193	189
3	B.Tech (Electronics and Communication Engineering)	193	159
4	B.Tech (Electrical and Electronics Engineering)	64	53
5	B.Tech (Mechanical Engineering)	128	67
	UG Total	**771**	**563**
PG			
1	M.Tech (CAD/CAM)	09	04
2	M.Tech (Power Systems)	18	05
3	M.Tech (Geo Technical)	18	15
4	M.Tech (Digital Electronics & Communication Systems)	18	05
5	M.Tech (Computer Science & Engineering)	18	07
	PG Total	**81**	**36**
	UG and PG Total	**852**	**599**

1.Curricular Aspects

S.No.	Item	HEIs i/p	Grade	Remarks
1.1	Curricula developed /adopted have relevance to the local/ national /regional/global developmental needs with learning objectives including program outcomes, program specific outcomes and course outcomes of all programs offered by the Institution	R18 (7th Sem and 8th Sem) & R20 (1st Sem) 2nd Sem 3rd and 4th Sem)	A	
1.2	Percentage of new courses introduced of the total number of courses across all programs	28.4	A	Sufficient number of New Courses have been introduction
1.3	Percentage of programs in which Choice Based Credit System (CBCS) /Elective course system has been implemented	100	A	
1.4	Institution integrates cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum	The institute is offering courses on Environmental studies and Professional Ethics and Human Value.		
1.5	Number of Value-added courses imparting transferable and life skills offered	51	A	Courses related to Professional Career and Placement Skill development related courses have been Introduced.
1.6	Feedback on curriculum and other aspects from stakeholders	feedback on Curriculum is Collected regularly form stakeholders and is same uploaded in website	A	with help of feedback curriculum is regularly revising.

2. Teaching-Learning and Evaluation

S.No.	Item	HEIs i/p	Grade	Remarks
2.1	Demand Ratio (% of students admitted)	73.33	A	UG is good per demand is less
2.2	Number of full-time teachers	183	A	
2.3	Number of students enrolled	2754	A	
2.4	Student - Full time teacher ratio	1:15	A	
2.5	No. of permanent faculty with Ph.D	44	B	More faculties with Ph.D qualification may be recruited.
2.6	Average teaching experience of full time teachers in years	8 years	B	Faculty retention need to be improved.
2.7	Total No. of teaching days	180	A	As per UGK/AICTE norms
2.8	Preparation and adherence to Academic Calendar and Teaching plans	Academic calendar is in place and academic activities are as per the academic calendar.	A	Every faculty member is actively involved in preparing the teaching plans and adhering to the same.
2.9	Innovative processes adopted in Teaching and Learning	Yes (ICT tools, NPTEL online Certification course Google Class room etc.)	A	
2.10	Teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources, MOODLES etc.	Faculty is using ICT facilities effectively. LMS is being used partially.	A	
2.11	Remedial Classes for slow learners and backlog students	Remedial classes are conducted regularly for students with backlog subjects.	A	
2.12	Mentoring System	Good mentoring system has been adopted.	A	
2.13	Adequate facilities for teaching – learning, viz., classrooms, laboratories, computing equipment, etc.	Available	A	All the class rooms Laboratories are well equipped.

2.14	Advanced Research Centers	4 Advanced Research Centers are available	B	Research Centers need to be increased To Promote research culture.
2.15	Teachers attending professional development programs	Most of the faculty members attended Professional development Programs.	B	All the faculty members need To attend The Professional-development Programmes.
2.16	Organization of Guest Lectures, Industrial Visits, Workshops, etc.,	Adequate no of guest lectures, workshops are Conducted.	B.	
2.17	Online Certification Programmes	47	B	Number of students and faculty need be increased.
2.18	Student Professional Society Chapter and Association Activities	8	C	Need To be improved.
2.19	No. of Students undertaking field projects / internships	2164	A	Good number of students are undertaking field Projects/internships.
2.20	Dissemination of PEOs,POs, PSOs, COs	POS, PSOS, COS disseminated in The Academic Regulations syllabus books, and in the institute website Also displayed at The strategic Locations in The respective departments. COS and course articulation matrix are included in Course handout.	A	
2.21	Attainment of COs, POs,PSOs	Attainment of COS, POS, PSOS is Completed.	A.	
2.22	Online student satisfaction survey	Conducting as per The guidelines of NAAC.	A.	

3. Research and Innovation

S.No.	Item	HEIs i/p	Grade	Remarks
3.1	The institution has a well-defined policy for promotion of research	Yes (Incentives for Publications, patent filing, matching grant)	A	Incentives need To be increased.
3.2	The institution provides seed money to its teachers	Yes (seed money is provided based on recommendations of R&D Committee	A	Seed fund shall be provided To all eligible faculty.
3.3	Teachers recognized as research guides	14	B	Need To be improved
3.4	Sponsored research Projects and consultancy	Projects-221.5 Lakhs Consultancy-3.15 Lak	C	Research Projects and Consultancy need to be improved a Lot.
3.5	Workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry- AcademiaInnovative practices	61	A	
3.6	Research Publications	45	B	SCI-Indexed Publications need be improved.
3.7	No. of Faculty participated in conferences and symposia		B	Encourage The staff To Participate in Conferences
3.8	Books and chapters in edited volumes / books published, and papers in national/international Conference-proceedings.	814	C	Faculty shall be motivated by Providing incentives.
3.9	Revenue generated from Consultancy	13.03 Lakhs	C	Need To be improved
3.10	Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc.	Yes	C	Higher Level academic institutions may be focused.
3.11	Functional MoUs	26	B	Activities shall be improved.

4.Central library Facility

S.No.	Item	HEIs i/p	Grade	Remarks
4.1	Library is automated using Integrated Library Management System (ILMS)	Yes	A	
4.2	Collection of rare books, manuscripts, special reports or any other knowledge resource for library enrichment	Good collection available	A	
4.3	Does the institution have the following: e – journals, e-ShodhSindhu, Shodhganga membership, e-books, Databases	Yes (e-Journals, e-shodh sindhu, e-books, Database)	A	
4.4	Expenditure for purchase of books and journals	26.03 Lakhs	A	
4.5	Availability of digital library with a provision for remote access on intranet	Yes	A	
4.6	Per day usage of library by teachers and students	185	A	

5.Examination Section

S.No.	Item	HEIs i/p	Grade	Remarks
5.1	Number of days from the date of last semester-end/ year- end examination till the declaration of results	<10 Days	A	
5.2	Percentage of student complaints/grievances about evaluation against total number appeared in the examinations	0.1	A	Transparent evaluation System is being followed
5.3	Percentage of applications for revaluation leading to change in marks	0.1	B	Strict Correction mechanism needed.
5.4	Status of automation of Examination division along with approved Examination Manual	Yes	A	
5.5	Pass percentage of outgoing students	. 96	A	

6. Amenities and Sports facilities

S.No.	Item	HEIs i/p	Grade	Remarks
6.1	The institution has adequate facilities for sports, games (indoor, outdoor, gymnasium, yoga centre etc.,) and cultural activities.	Yes	A	
6.2	Awards/medals for outstanding performance in sports, Yoga /cultural activities at national/international level.	2H	C	Need To be improved
6.3	Number of sports, Yoga and cultural activities / competitions organized at the institution level.	51	B	

7.Internet Connectivity

S.No.	Item	HEIs i/p	Grade	Remarks
7.1	Institution frequently updates its IT facilities including Wi-Fi	Yes	A	
7.2	Student - Computer ratio	Student - Computer ratio: 2.5H:1	A	More Than sufficient systems are available
7.3	Available bandwidth of internet connection in the Institution	500 Mbps	A	
7.4	Facilities for e-content development such as Media centre, recording facility, Lecture Capturing System (LCS)	Media Centre, audio visual Center, lecture Capturing system (LCS) and Mixing software are available	A	

8.Placements and Higher Education

S.No.	Item	HEIs i/p	Grade	Remarks
8.1	Capability enhancement and development schemes	• Guidance for competitive examination • Career Counseling • yoga and Meditation • Remedial Coaching • Soft skill development • Language Lab • Bridge Course • Personal Counseling	A	
8.2	No of students benefited by guidance for competitive examinations and career counseling offered by the institution	700	A	
8.3	Number of placements of outgoing students	541	B	Placements in core jobs for respective branches of engineering shall be Improved.
8.4	Students Qualified in Competitive Examinations	13	D	Training To advanced Learners To get more success in competitive examinations shall be improved.

9.Alumni Engagement

S.No.	Item	HEIs i/p	Grade	Remarks
9.1	The Alumni Association /Chapters	Alumni Association of KSRM college of Engineering with Society registration number: 35 of 2021	A	
9.2	Alumni contributions	Alumni are contributing in terms of placements Career and guest Lectures.	A	

| 9.3 | Alumni Association / Chaptersmeetings Conducted | Alumni Association meeting is conducted as alumni day once in a year in the institute | A | |

10.Social service and Extension activities

S.No.	Item	HEIs i/p	Grade	Remarks
10.1	Initiatives taken to engage with and contribute to local community	NSS Unit is functional and involving students in activities like Blood donation camps, Tree-Plantations, pulse polio camps To Local children	A	
10.2	Extension activities in the neighborhood community in terms of impact and sensitizing students to social issues and holistic development	33	B	
10.3	Awards and recognition received for extension activities	658	A	
10.4	Extension and outreach programs conducted in collaboration Government Organisations, Non-Government Organisations	33	C	Need be improved
10.5	Number of students participating in extension activities	2757	C	Student participation should be increased.
10.6	Village adaptation	05 (Shivaji Nagar, Kophasthi, Thadigotla, Yerramasu palli, krishna pudam).	B	Need To be improved.

11. Administrative Procedures

S.No.	Item	HEIs Input	Grade	Remarks
11.1	Budget allocation, excluding salary for infrastructure augmentation	Standard and regular procedures are followed.	A	
11.2	Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component	586.17 lakhs.	B	Amount has to be increased
11.3	Established systems and procedures for maintaining and utilizing physical, academic and support facilities -laboratory, library, sports complex, computers, classrooms etc.	Standard operating procedures are followed	A	
11.4	Students benefited by scholarships and freeships provided by the Government.	Number of Student benefited by scholarship and freeships- 1896	A	
11.5	Students benefited by scholarships, freeships, etc. provided by the institution besides government schemes	Number of students benefited by scholarship and freeship- 354	A	Institute is providing Good encouragement through scholarship and free ships to the meritorious as well as needy students.
11.6	Support to differently labeled students	Adequate facilities are made available	A	
11.7	Transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases	Mechanisms are in place.	A.	
11.8	Presence of an active Student Council & representation of students on academic & administrative bodies/committees	Active student representation is ensured through academic & administrative bodies/ Committees.		
11.9	Professional development / administrative training programs organized by the Institution for teaching and non-teaching staff	13	A.	

12. Governance, Leadership and Management

S.No.	Item	HEIs Input	Grade	Remarks
12.1	Governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution	Governing meetings are conducted Twice a year To ensure institute activities To be in tune with vision and mission	A	
12.2	Decentralization and participative management	Proactive and Participative management is in place. Administrative hierarchy is ensured by governing body.	A	
12.3	Perspective/Strategic plan and deployment documents	Perspective/strategic Plan and deployment documents are available and displayed on website. Selective agenda items of strategic plan are discussed in governing body. meeting and decisions are circulated To all The department.	A.	
12.4	Organizational structure of the Institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism	All are available and are in place.	A	
12.5	Implementation of e-governance in areas of operation	The following areas of governance are in place. • Administration • Finance and Accounts • Students Admission and Support. • Examination.	A.	

12.6	Effectiveness of various bodies/ cells/ committees is evident through minutes of meetings and implementation of their resolutions	Effectively implemented	A.	
12.7	Welfare measures for teaching and non-teaching staff	Welfare measures like EPF facility Health insurance, Concessional Transport, free medical facility laptop allowance, study, maternity and medical leaves and fee concession for staff children are in place.	A	
12.8	Performance Appraisal System for teaching and non-teaching staff	Available and implemented	A	
12.9	Institutional strategies for mobilization of funds and the optimal utilization of Resources.	o Promoting R&D by Giving incentives to the faculty. • Conducting National/State Level online examinations • Promoting Consultancy Through In-house expertise • Optimal utilization of resources is ensured through appropriate auditing.	A.	
12.10	Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies	Adequate financial support is provided to attend conferences/workshops and towards membership fee of Professional bodies.	A.	

13. Best Practices of the Institution

S.No.	Item	HEIs Input	Grade	Remarks
13.1	Number of gender equity promotion programs organized by the institution	16 such Programmes are Conducted.	A.	
13.2	Power requirement of the Institution met by the renewable energy sources	250 kVA Solar Power	A.	

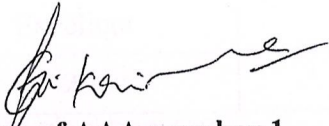|				
13.3	Waste Management steps	Appropriate solid waste. liquid waste and E-waste measures are Taken.	A.	
13.4	Rain water harvesting structures and utilization in the campus	Yes	A.	
13.5	Green Practices	• Vehicle entry is restricted. • Plantation Programme has been Taken UP. • Greenery is maintained in The Campus.	A.	
13.6	Initiatives to address locational advantages and disadvantages	• Necessary initiatives have been Taken To strengthen The interaction with nearby industries. • Transportation facility is Provided To students and Staff.	A.	
13.7	Code of conduct handbook exists for students, teachers, governing body, administration including Principal /Officials and support staff	Available and also disseminated in institute website.		
13.8	Display of core values in the institution and on its website	Core value are displayed in institute website.	A.	
13.9	Activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens obligations and other constitutional obligations	Awareness Programmes are Conducted.	A.	
13.10	Functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions.	Yes	A.	
13.11	Organizes national festivals and birth / death anniversaries of the great Indian personalities.	Yes	A.	
13.12	Transparency in its financial, academic, administrative and auxiliary functions	Transparency is maintained in financial, academic administrative and financial information	A.	

14. IQAC

S.No.	Item	HEIs Input	Grade	Remarks
14.1	Internal Quality Assurance Cell (IQAC) hascontributed significantly for institutionalizing the quality assurance strategies and processes	• Significant Contributions are made	A.	
14.2	The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms	• Monitor- measure- modify mechanism of reviewing is implemented as per norms.	A.	
14.3	Quality initiatives by IQACfor promoting quality culture	• Assessing the faculty though quality parameters of self-Appraisal forms and Providing required suggestions for improvement. • Arranging Training on Pedagogy every semester for all newly admitted faculty, Conducting seminars / workshop. FDP & on emerging Technologies for faculty. • Conducting Guest Lectures by Industry experts. Arranging regular Training certification Programs staff. • Encouraging R&D and Consultancy.	A.	

Best Practices followed in the Institute:

1) The Course Coordinator system has been introduced.

2) Conduct of subject based Seminars and workshop have been Continued. Involvement of students in various Committees have been increased.

3) The functioning of Research groups To Promote better quality research and Publications has been strengthened.

4) Value addition by Certification Programs as well as Technology Training is focused Through Skill Development Centre.

5. Departmental initiative for Placements in core domains others Than Central Training and Placement Cell

Suggestions for improvement:

1) Improve Intraduction institute interactions.
2) Encourage the faculty for higher educations
3) Improve SCI-induced Journals.
4) improve Sponsered research and consulty in all department.
5) Concentate on Core Company Jobs.

Signature of AAA member 1
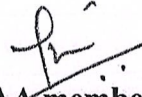
Name: Dr.V. Gopi krishna Rao ME, phd

Designation: Professor and Dean IQAC

Address: RGM college of Engg &Tech (Autonomous) Nandyal

Mobile No.: 9440277731

V.Gopi Krishna Rao,M.E,Ph.D.
Professor
Dept.of Electronics & Communication Engg.
RGM College of Engineering & Technology
NANDYAL-518 501,Kurnool(Dt.),A.P.

Signature of AAA member 2

Name: Dr.T.Jaya chandra Prasad ME, phd

Designation: Principal

Address: RGM college of Engg & Tech (Autonomy) Nandayal

Mobile No.: 9440290470

Dr. T. JAYACHANDRA PRASAD
M.E., Ph.D.
PRINCIPAL
R G M College of Engg. & Tech.,
(Autonomous)
NANDYAL-518 501, Nandyal (Dist),A.P.