Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**RAJEEV GANDHI MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY**
Name of the head of the Institution	**DR. T. JAYACHANDRA PRASAD**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**08514275201**
Mobile no.	**9440290470**
Registered Email	**principal.9@jntua.ac.in**
Alternate Email	**jp.talari@gmail.com**
Address	**NH-40, Nerawada X roads, Nandyal**
City/Town	**Nandyal**
State/UT	**Andhra Pradesh**
Pincode	**518501**

2. Institutional Status

Autonomous Status (Provide date of Conformant of Autonomous Status)	**23-Sep-2010**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**Dr. P. V. Gopi Krishna Rao**
Phone no/Alternate Phone no.	**08514275201**
Mobile no.	**9440277731**
Registered Email	**iqac.rgmcet@gmail.com**
Alternate Email	**p.vgopikrishnarao@rgmcet.edu.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://rgmcet.edu.in/assets/img/documents/AQAR%20-%202018-19.pdf

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.rgmcet.edu.in/assets/img/documents/Academics/Academic%20%20Calendar.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**A**	**3.34**	**2012**	**10-Mar-2012**	**09-Mar-2017**
2	**A+**	**3.54**	**2017**	**19-Jul-2017**	**18-Jul-2022**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**20-Apr-2012**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture

Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Importance of Professional Skills	15-Jul-2019 1	925
View File		

8. Provide the list of Special Status conferred by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institution	Skill Development	APPSCDC	2015 1825	1500000
View File				

9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	3
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

• Effective implementation of CBCS in all programmes • Faculty self assessment report for promotion and increments • Field Trips organised to nearby industries for practical exposure • Conducted Hackathon's for materialisation of student ideas • Quality publications obtained in Web of Science and Scopus journals. • Submitted research proposals worth 2.5 crores to MHRD, DST and AICTE.

No Files Uploaded !!!

13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes

To append laboratories with latest equipment matching with the needs of the industry and society.	Keeping in view the needs of Industry and profession, all the laboratories were equipped with latest equipment.
[View File](#)	

14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Academic Council	**28-Aug-2020**

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**No**

16. Whether institutional data submitted to AISHE:	**Yes**

Year of Submission	**2020**

Date of Submission	**24-Jan-2020**

17. Does the Institution have Management Information System ?	**Yes**

If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**The student data base, Attendance, Faculty work load, results, marks, result analysis, online lecture notes uploading, journal access. The information of all stakeholders i.e. all faculty, staff and students has been computerized and the required data shall be retrieved in the prescribed format as and when needed through ECAP software. WiFi: Campus is WiFi Enabled College Website : The following information is displayed on the college website. ? Online attendance is maintained ? Mode of Online fees payment by students. ? Notifications, Instructions, circulars, results, Exam schedules and other notices for students are displayed on college website. ? Departmental related information is displayed under each departmental link. ? Information related to Placements, alumni, infrastructure and achievements are displayed. Daily SMS will be sent to parents.**

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BTech	CSE	Computer Science and Engineering	12/07/2019
BTech	CE	Civil Engineering	12/07/2019
BTech	EEE	Electrical and Electronics Engineering	12/07/2019
BTech	ECE	Electronics and Communication Engineering	12/07/2019
BTech	ME	Mechanical Engineering	12/07/2019
No file uploaded.			

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
Acharya	File Attached	Nill	File Attached	Nill
View File				

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	File Attached	Nill
View File		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Civil Engineering	12/07/2019
BTech	Computer Science and Engineering	12/07/2019
BTech	Information Technology	12/07/2019
BTech	Electrical and Electronics Engineering	12/07/2019
BTech	Electronics and Communication Engineering	12/07/2019
BTech	Mechanical Engineering	12/07/2019

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled

File Attached	Nill	Nill

<div align="center">

View File

</div>

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
Acharya	File Attached	Nill

<div align="center">

View File

</div>

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

Students' feedback on faculty assessment will be taken once at the beginning of the semester and the second one at the end of the semester. All the feedback reports will be critically reviewed by the IQAC and possible inputs will be given to the faculty who's report is below the bench mark and motivating him/her to look at specific areas where growth is needed. Efforts are also made to motivate parents to process feedback forms at the college. A self-appraisal report is also prepared by the faculty and it will be scrutinized by HOD. Similarly feedback will be taken from the outgoing students before they leave college and the corrective measures are taken to improve the teaching and learning activity. The feedback is collected at various levels viz. Students, Parents, Teachers and Alumni. Then the feedback is analyzed at upper management and the action taken once the feedback is received. Feedback of stakeholders is sought regularly about infrastructure and learning resources for ensuring their satisfaction. Accordingly, continuous review of infrastructure and learning resources is carried out by respective committees and the recommendations are integrated for upgrading, maintaining and utilizing physical, academic and support facilities. Feedback is also taken from faculties, stakeholders and experts regarding industry trends and feedback to identify new demands of industry. Structured feedback is taken from students, alumni, employers and experts from academia, industry and research through course / programme review feedback A team of faculties takes feedback of internal and external subject experts including feedback of all course faculties of campuses to define/review the course objectives, contents, learning outcomes and assessment tools and put up the recommendations. Feedback is taken from eminent experts to integrate their feedback while defining curriculum/ programme. Feedback from students is also taken through class teachers, and corrective measures are taken accordingly to improve the teaching-learning processes. Below are the some of the points given in feedback by the Civil Engineering students of 2015-19: They are very happy to receive the degree from one of the reputed engineering college. They felt overwhelmed with the encouragement and guidance given by the faculty members throughout their course duration. Students are very happy that many companies visited the campus for placements They felt syllabus framed in curriculum by the Department is helpful to GATE and IES. They felt that the

laboratories are excellent. The students are very grateful for the scholarship provided by the management for merit students

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
Nill	**File Attached**	**Nill**	**Nill**	**Nill**
View File				

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	**3600**	**63**	**221**	**33**	**10**

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
268	**215**	**15**	**30**	**15**	**4**
View File of ICT Tools and resources					
View File of E-resources and techniques used					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Yes, students mentoring system is available in the department with the mentor and mentee ratio of 15 to 20. Students are supported through remedial coaching classes and mentoring. All the students are monitored and counselled based on their performance in various areas like attendance improvements, personality development, impart communication skills, motivation to participate in different programs. It is also responsibility of the faculty to see the overall performance of the student in the department, encourage and create interest to participate in various curricular and extra-curricular activities. Faculty is also identifying the potential strengths of the students and guiding in that direction. Students are encouraged to participate in all the academic events like seminars, workshops, conferences and symposiums etc to improve self-potentials. Yes. For every teacher a group of five students will be allotted for mentoring. Students data will be maintained that include parents details for correspondence and communication. Student attendance and performance are recorded. For the students who are lag in the subjects extra care will be taking. Extra labs will be conducting to the students who were absent in the regular labs. Students who were failed in the subject treated special care and revision of subject on few chapters will be given before supplementary examination. To have practice on the end examination practice to the students will be given while conducting few model exams and their performance will be recorded to see the progress. The student attendance is monitored on every day. If any student is absent for the class work information is given to their parents through SMS. ? Monthly attendance reports will be sent to the parents, whose ward attendance is below 75. ? The marked answer papers are returned to the students and an opportunity is given to the students to discuss the evaluation with the teacher. ? To strengthen the student learning abilities, the students are divided into groups. Each group consists of 20-25 students guarded by a faculty member. ? The faculty member interacts with assigned student group at regular intervals and records student details like feedback, attendance, and learning problems. The guardian faculty member takes personal

care to improve the student's skill and learning abilities. To improve their communication skills and confidence level, they are provided with a platform to give presentations, participate in group discussions and debates.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3600	254	1:14

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
25	25	Nill	25	10

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2020	File Attached	Nill	File Attached
[View File](#)			

2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
Nill	File Attached	File Attached	Nill	Nill
[View File](#)				

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
5	1100	0.005

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

http://rgmcet.edu.in/department-of-ece.php

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
File Attached	Nill	File Attached	Nill	Nill	Nill
[View File](#)					

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<div align="center">

http://rgmcet.edu.in/index

</div>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

<div align="center">

Yes

</div>

Name of the teacher getting seed money

<div align="center">

File Attached

View File

</div>

3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	File Attached	File Attached	Nill	File Attached
No file uploaded.				

3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Minor Projects	1	AICTE	10	10
Major Projects	3	AICTE	16	0
Major Projects	3	SERB	20.12	5
Major Projects	3	DST	39.61	6.2
Major Projects	2	AICTE	1100000	8.8
Projects sponsored by the University	5	RGMCET	60	15
Industry sponsored Projects	1	Soil Testing and Contrete Testing	6	6
No file uploaded.				

3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies

during the years

0.3

3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
File Attached	File Attached	Nill
[View File](#)		

3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
File Attached	File Attached	File Attached	Nill	File Attached
[View File](#)				

3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
1	Soloar Dehydration System	RGMCET	Soya Milk Production Plant	Production Soya Milk other by products	01/01/2019
No file uploaded.					

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
CSE	1
ECE	4
ME	4
MBA	1

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	CSE	29	2.48
International	ECE	23	0.45
International	ME	10	1.05
International	EEE	39	3.5
International	MBA	20	0.65
International	Maths	10	2.4
International	Physics	10	2.2
International	English	7	2.56
No file uploaded.			

3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
ECE	3
ME	17
EEE	1
CSE	34
Chemistry	1
No file uploaded.	

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
Toilet Arrangement With Squatting Facility	Published	201941001846	16/01/2019
Computer Automated method for detection of brain tumour	Published	201941008330	04/03/2019
Method for detecting anti patterns in web services and business processes	Published	201941014136	08/04/2019
A SECURED IMAGE PROCESSING SYSTEM OF BIOMETRIC BASED AUTOMATED RATION DISTRIBUTION	Published	201941039689	01/10/2019
IAEC- SYSTEM: INTELLIGENT IOT SYSTEM FOR AGRICULTURE ENVIRONMENT CONTROL	Published	202041010147	09/03/2020
Toilet Arrangement With Squatting Facility	Published	PCT/IN2019/0504	05/07/2019
DIMA-Dataset Discovery: DATASET DISCOVERY IN DATA INVESTIGATIVE USING MACHINE LEARNING AND AI-BASED PROGRAMMING	Published	2020101987	26/08/2020
Multi-functional storage bottle with deformable spoon positioning	Published	2020102058	30/09/2020
No file uploaded.			

3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
File Attached	File Attached	File Attached	2020	Nill	File Attached	Nill

View File

3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
File Attached	File Attached	File Attached	2020	Nill	Nill	File Attached

View File

3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	15	256	175	31
Presented papers	41	5	2	2

No file uploaded.

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
CE	Material testing soil investigation mix design land surveying traffic surveying	State Government and local bodies	750000
CE	Road Safety Survey	NHAI, Govt Bodies	50000
ME	Composites testing, Fuel efficiency test, Composites	Research Scholars, Agriculture University, Medical College	250000
ECE	Design and development of RFID based security and billing system	Red and White Garments	150000
ECE	Design of Electrical Measurement system for plant activities	Sai Society for Advanced Scientific Research	250000

No file uploaded.

3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
CSE	Use of Google Maps for Field Survey	Govt Agencies	150000	125
ECE	PLC programming and Maintenance	SPY Agro Industries	30000	25
ECE	Testing and Calibration of Sensors	SPY Agro Industries and Govt Agencies	30000	25
CE	GIS information system for Surveying and Land marking	Govt agencies	75000	45
ME	CNC and Welding operations, Two and Four wheeler service	Technical Education Department	125000	95
No file uploaded.				

3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
File Attached	File Attached	Nill	Nill
[View File](#)			

3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Blood donation camp	Appreciation Rakta Bhandu	Santhiram Medical College and General Hospital	350
No file uploaded.			

3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
File Attached	File Attached	File Attached	Nill	Nill
[View File](#)				

3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
File Attached	File Attached	File Attached	Nill
[View File](#)			

3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
File Attached	File Attached	File Attached	Nill	Nill	File Attached
[View File](#)					

3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
File Attached	Nill	File Attached	Nill
[View File](#)			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
1837.5	1820.22

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Video Centre	Existing
Seminar halls with ICT facilities	Newly Added
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Newly Added
Class rooms	Existing

Campus Area	Existing

No file uploaded.

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
LIBSYS LS Ease	Fully	10	2010

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	57550	10792444	1755	821520	59305	11613964
Reference Books	14387	2698111	439	205380	14826	2903491
e-Journals	525	6679305	35	895154	560	7574459
Journals	198	4042110	Nill	300000	198	4342110
CD & Video	28	45000	3	5000	31	50000

No file uploaded.

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
NIL	NIL	NIL	Nill

No file uploaded.

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	1745	25	200	4	7	20	85	200	20
Added	75	1	75	1	1	5	12	200	10
Total	1820	26	275	5	8	25	97	400	30

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

200 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility

8255 PPI Interfacing to 8086 Microprocessor	https://www.youtube.com/watch?v=zCrL1i8HkPI
Memory Interfacing with 8086 Microprocessor	https://www.youtube.com/watch?v=fbmrhzTuivI

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
473	422	840	820

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website)

Institute makes budgetary provision under different heads for maintaining and utilizing the campus infrastructure facilities. Institute development committee assigned enough funds for maintenance and repairing. The allocated funds are utilized under the observation of various monitoring committees such as Purchase committee, Repair and maintenance committee, Sports Committee, Library committee, Lab Maintenance Committee, Students Feedback committee etc. of the college. To maintain and upkeep the infrastructure Institute facilities and equipments, following activities are undertaken by college:- 1.There is Stock Maintenance Committee in every department, who maintains the stock Register by physically verifying the items round the year. 2. Department wise annual stock verification is done by concerned Head of the Department. ???Regular maintenance of Computer Laboratory equipments are done by Laboratory Assistant along with Laboratory attendant and they are headed by Lab Maintenance Committee Convener. ??Overall development of campus is done by Campus Discipline and Cleanliness Committee of the college. Regular cleaning of water tanks, proper garbage disposal, pest control, landscaping and maintenance of lawns is done by Institute Fourth Class Employees. 6. College campus maintenance is monitored through regular inspection. Upkeep all facilities and cleanliness of environment in men's and women's hostel is maintained through Hostel monitoring committee. Outsourcing is done for maintenance and repairing of IT infrastructure such as computers, internet facilities including Wi-Fi and broadband. Updating of software's is done by lab Assistants. Outsourcing is done for the maintenance of wooden, furniture, electrification, and plumbing. Regular maintenance of the water cooler and water purifier is done by outsourcing agent. The maintenance of the reading room and stock verification of library books is done regularly by library staff. The URL for Institutional Website:http://rgmcet.edu.in/ The URL to Institutional Library is : http://rgmcet.edu.in/library.php

http://rgmcet.edu.in/

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	File Attached	Nill	Nill

Financial Support from Other Sources			
a) National	File Attached	Nill	Nill
b)International	File Attached	Nill	Nill
[View File](#)			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
File Attached	Nill	Nill	Nill
[View File](#)			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2020	File Attached	Nill	Nill	Nill	Nill
[View File](#)					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
6	6	10

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
File Attached	Nill	Nill	File Attached	Nill	Nill
[View File](#)					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2020	Nill	File Attached	File Attached	File Attached	File Attached
[View File](#)					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year

(eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
Any Other	**Nill**
[View File](#)	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
File Attached	**File Attached**	**Nill**
[View File](#)		

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2020	**File Attached**	**Nill**	**Nill**	**Nill**	**Nill**	**Nill**
[View File](#)						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Student committees are formed for various purposes to help the administration to conduct various academic and administrative activities smoothly. Both men and women students will have representation on various bodies/ committees, generally through the process of nomination. Some of these committees include Women's cell Women students, preferably from higher classes are nominated in the Women's cell committee. They actively take part and assist the faculty in conducting various women oriented programmes including celebration of International Women's day. Training Placement Committee: Services of student members nominated to the committee are used in conducting various activities related to the campus Recruitment process. They would assist the Placement cell authorities and staff in conducting Mock interviews, Group discussions etc. Literary and cultural activities committee: The forum to conduct Literary and cultural activities, student members, with proficiency in performing arts are nominated to assist the Faculty in conducting events / competitions. In addition to the above student's representation can be found in Voluntary service, IEI Chapter of respective branch IEEE Students branch (Forum for creating awareness among students)

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

We have presently 2500 Alumni enrolled in RGM Alumni Association from B.Tech, M.Tech, MCA, MBA courses. We conduct yearly Alumni get together, which witnesses a huge participation of Alumni's. Generally, Alumni Meet is organised once a year. Our current batch of students and faculty come together to organizes a huge welcome and interaction session for RGM Alumni's. As a part of welcome ceremony various societies of RGM present their programs in the form of dance, drama, discussion and portray how new students have taken up the responsibility to become the face of RGM. After the welcome ceremony, college management and director interact with Alumni. Then some of the Alumni share their success stories and discuss about the measures required to take RGM to

greater heights. All faculty members participate in the gathering to appreciate the progress and success of their students in the 21st century world and feel proud of the various positions achieved by their students in reputed organizations. Finally, a sumptuous lunch is organized for Management, faculty, Alumni and students.

5.4.2 – No. of registered Alumni:

2500

5.4.3 – Alumni contribution during the year (in Rupees) :

40000

5.4.4 – Meetings/activities organized by Alumni Association :

The scheduled Alumni meet on 24th March 2020 was not possible because of Lockdown due to covid-19, virtually the event was conducted with 100 participants. Physical Alumni meet was successfully organized on 18thFeb 2018. More than 70 Alumni participated in the meet and college students presented a cultural programme for the Alumni. Alumni were also invited to share their experiences and give feedback to the institute for quality improvement.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

We at RGM have decentralized style of working. • We have open door policy, where anyone can talk to Director or Management by taking permission. • For participative management, the Director, HODs, Faculty and student representatives form the core part of the IQAC team. • We have flexibility at departmental level also as class coordinator or faculty members can suggest and implement curriculum enrichment and enhancement. Faculty members prepare their subject notes and Lecture plan, which are upgraded every semester. Subject notes prepared by faculty are available at the college website for reference. • Every department prepares a roadmap for the upcoming semester in terms of infrastructural and academic growth. Departmental budget is prepared by taking suggestions from Head of Department, Class Coordinator and faculty representative.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Library, ICT and Physical Infrastructure / Instrumentation	Apart from central library, department library also catering the needs of the department. New computers, softwares were purchased to replace the old versions. CAD/CAM centres are air conditioned. Water cooler was installed to meet the drinking water demand.
Human Resource Management	Staff development seminars were conducted for all the teaching and nonteaching staff. Student's fresher's and farewell functions were organized.

		RGM Expo will be conducted to promote entrepreneur skills among the students.
Research and Development		The Research cell holds the regular meetings and prepare a program to broaden the academic perspective through presentation of research done by the students and faculty.
Examination and Evaluation		Year round evaluation of the student through Mid-Term examination, seminars and tutorials keeps the student in touch with the subject. It also helps to improve the confidence to meet the end semester examinations. Mentees and mentor system is quite effective in the department mentors are regularly meeting the students and monitoring their attendance and academic progress.
Teaching and Learning		At Rajeev Gandhi memorial college of Engineering and technology we follow a holistic approach for growth and development of students, our teaching and learning methodology includes brainstorming, presentations, quizzes, inquiry learning, hands on activities, case studies etc. • We provide adequate infrastructural facilities for teaching learning. • We have well qualified and experienced faculty members. • We provide Computer Laboratories with latest configuration hardware and original licenced software. • We have concept of mentoring to provide special care for students who are considered as slow learners. Each faculty mentor has a group of 15-20 students whose overall growth and development are continuously monitored to faculty and their problems are discussed. • We at RGM believes that Education is a never-ending process, hence we motivate our faculty members to join Orientation Programme, Refreshers Courses, Workshops and FDPs to upgrade their skills and constantly be in the process of learning so that they can percolate the benefits of their updated knowledge and skills to students. • We motivate our faculty members to pursue higher studies. • We aspire to be abreast with the latest innovations and technological developments, so we encourage our faculty members to use innovative teaching methodologies. • RGM is Wi-Fi enabled campus and provides facility for students to use internet as a resource in their studies. At RGM we have centralized IT savvy Library where

	student can utilize online resources for their knowledge building. RGM Library has library with over 904 titles and various journals, magazines, newspapers etc. all available for Engineering students.
Curriculum Development	Curriculum will be framed by the BOS members of the department by taking in to account the inputs given by the stake holders viz, Alumni, parents, experts from industry and experts from academic institutions. The designed curriculum will be submitted to the industry for the necessary approval.
Industry Interaction / Collaboration	Effective interaction with the outside industry is ensured by arranging programs / sessions at the Department level involving the field experts / Engineers. Their expertise and practical knowledge are disseminated through these. Field visits by students are also part of the interaction. Collaboration with major organisations / companies is used for mutual benefit.
Admission of Students	Standardisation of procedures to save on time and resources at the time of admission is aimed at improving the overall admission process.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Planning and Development	All Circulars and notices are sent through Emails. Procurement of information and its dissemination are done using the various tools available.
Administration	Maintenance of student's records, preparation of faculty data and storing of admission details are all done using ICT tools.
Finance and Accounts	Preparation of salary bills, Monitoring of expenditure, payment of consultancy charges and remuneration are done using various appropriate software in use.
Student Admission and Support	Preparation of nominal rolls, maintenance of student profiles used in mentoring process, activities of co and extra curricular nature are assessed and reviewed using the various e tools
Examination	Preparation of registered candidates lists, coding and decoding process preparation of grade sheets / marks sheets, preparation of plans for

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2020	Nill	File Attached	File Attached	Nill
[View File](#)				

6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2020	File Attached File Attached	Nill	Nill	Nill	Nill	Nill
[View File](#)						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
File Attached	Nill	Nill	Nill	Nill
[View File](#)				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
264	Nill	100	Nill

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
50 Fee concession to Faculty children EPF Medical Insurance Concession on medical expenses at Santhiram Medical Hospital	50 Fee concession to Faculty children Concession on medical expenses at Santhiram Medical Hospital	Rs.25,000/- Cash award for the students who secure 9.0 CGPA, Group Insurance Scheme

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

	Internal audit: Usually conducted by College authorities and accounting department staff and Office staff External audit: Once every year, involving external auditing agencies consisting of Charted accountants and other competent people.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
College Management	15000000	For Conductions Sports and technicalEvents, Merit Scholarships to students
No file uploaded.		

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Audit committee formed by the Institution involving external members	Yes	Committee formed by the Department
Administrative	Yes	Audit committee formed by the Institution involving external members	Yes	Committee formed by the Institution

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

• Conducting meetings at least once, every semester, with the parents • Efforts to maintain students discipline and improve academic performance • Discussion on academic results and ways to improve success rate

6.5.3 – Development programmes for support staff (at least three)

Total Station usage training programme conducted for non teaching staff (On field) Water quality testing procedures explanation Skill Development Programme on Networking Mobile and Color television service DTP operations Demonstration)

6.5.4 – Post Accreditation initiative(s) (mention at least three)

Student mentoring with redefined objectives Launching of Incubation Innovation centre Introduction of "Beyond the syllabus experiments" as part of various practical courses with weightage in evaluation Malaysian University MoU Organized International Conference Conducted Esummit to enhance startups and entrepreneur skills Incubation centre established to foster academic research

among students and staff Strengthening the laboratories with latest equipment and softwares Enhanced usage of digital class rooms for interactive teaching

6.5.5 – Internal Quality Assurance System Details	
a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2020	File Attached	Nill	Nill	Nill	Nill
[View File](#)					

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Objectification of men and women	13/09/2019	13/09/2019	45	15
Gender Sensitization Program	22/11/2019	Nill	325	250
Equality is not privilege but a human right	06/03/2020	06/03/2020	110	75

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
Percentage of power requirement of the College/ Department met by the renewable energy sources The institute makes every effort to integrate cross cutting issues as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum. The Institute provides various means to educate or aware the students on Climate Change and Environmental Education. Institute has dedicated environmental society which is basically an ECO club of students that organizes many events and aims at promoting and increasing environmental consciousness, awareness and responsibility amongst the Institute youth and the populace. Every year a plantation drive is done in the campus having a special budget/sponsorship for the event. Dustbins are installed at various positions and cleanliness is maintained. Conscious efforts are made to switch off lights and fans when not in use, to save energy.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	15
Provision for lift	Yes	15
Ramp/Rails	Yes	15
Braille Software/facilities	No	Nill
Rest Rooms	Yes	15
Special skill development for differently abled students	Yes	15

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2020	Nill	Nill	Nill	Nill	File Attached	File Attached	Nill

View File

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Academic rules Regulations for the entire program (UG PG)	15/07/2019	Students are made to follow the specific regulations prescribed for assessment and evaluation

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Voluntary Blood Donation Camp	14/08/2019	14/08/2019	85

View File

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Solar power system 2. Battery Vehicles inside the campus 3. Greenery 4. Solid waste recycling system 5. Sewage Treatment Plant 6. Bus facility 7. The campus has green landscaping of plants and trees 8. Swachh Bharat Abhiyan 9. Swachhta Pakhwada 10. Plantation Drive 11. No Plastic Campus 12. Green landscaping with trees and plants 13. Students participate in campaigns like "Adopt a tree" 14. Plantation Drive 15. Awareness about deforestation 16. Conserve native species of plants and trees 17. No conventional transport allowed within the campus. 18. Water Sprinklers are used for irrigation for reducing the water usage. 19. Campus cooling System is Adapted in Summer

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

BEST PRACTICE- I Title of the Practice: Keeping faculty abreast with contemporary areas of the discipline so as to impart quality education. Goal Aims and Objectives: The Institute organizes Faculty Development Programs (FDP's), seminars, workshops etc. for enhancing and upgrading knowledge of faculty members. Such practices have deep impact on quality enhancement and overall development of faculty as well as students. It positively impacts the academic functioning of the Institute and facilitates the role of teacher as educators and mentors. The Institution conducts the FDP's/seminars/ workshops/ Guest Lectures with the following objectives: • To upgrade their knowledge and skills • To improve their effectiveness as teachers and mentors • To promote research work in their field of specialize • To inculcate values and ethics • To bring innovation and creativity in teaching learning process • To develop sensitization towards environment and other social issues Various programs to enhance knowledge of faculty are conducted on timely basis in RGM. These includes FDP's/seminars/workshops, interactive sessions and motivational lectures from eminent persons on topics related to research, management, interpersonal communication, values and ethics etc. These talks acquaints the teachers with best practices across the world, helps in developing right research attitude, Building professional ethics and becoming an effective teacher. BEST PRACTICE- II Title of the Practice: Pedagogy addressing outcome-based education and heterogeneity of intellectual evolution (NO ONE IS LEFT BEHIND) Objectives of the Practice: The objectives/intended outcomes of this best practice are: • To facilitate effective teaching learning process in all the courses. • To accomplish holistic growth of students and enhance their learning experiences and outcomes. • To ensure effective teaching learning, students are actively involved in the teaching learning process through student cantered innovative pedagogies such as inquiry approach, constructive strategies, project learning, brainstorming sessions, ICT based learning and presentations. Monthly attendance of the students is intimated to the students and their parents. On the basis of low attendance, students are detained from appearing in examination (at the end of the semester). Each department submits an annual report on the activities comprising academic activities, research and extension activities. Innovations in teaching/learning, publications, staff and student achievements, extra and cocurricular activities are also highlighted in the report. Annual reports of various departments are consolidated at the Director's office, which further goes to the Governing Body. To ensure quality sustenance and enhancement, the Institute periodically conducts the performance audit of the departments (by Internal Quality Assurance Cell) which includes review of Teaching – learning methodologies, result analysis, research output, Faculty Development Programs attended/conducted and Extension activities, Co-curricular and extra-curricular activities conducted during the year.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
http://www.rgmcet.edu.in/

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Rajeev Gandhi memorial college of Engineering and technology (RGMCET) is a self-financing, quality conscious and trend setting Institute with focus on providing equal opportunities for development of human potentials for every segment of society including the differentiated one. The RGMCET is a venture of its own kind where academics and professionals have joined hands to aid and direct the agenda of education. The Institute, situated in Rural area having good impact on agriculture and spread over about 25 acres of land and has best of Infrastructure and academic facilities with highly qualified and experienced

staff and state of the art computer labs. The Institute has been established through the dedicated and selfless endeavors of educationists and social workers who are deeply concerned with the standards of education and are determined to upgrade the quality, content and direction of education.MSI has an Intellectual capital comprising of 90 faculty members dedicated to facilitate acquisition of conceptual understanding, skills and requisite behavioral qualities to groom students into tomorrow's Global Professionals. In terms of placement, MSI boasts of not only a steady stream of campus recruiters but we have also assurances for future tie-ups and recruitment opportunities for our students. Every year, many students of RGMCET who score 90 marks receives cash incentive of 25000 from management. Many students are used to receive Pratibha awards from government of Andhra Pradesh.

Provide the weblink of the institution
http://www.rgmcet.edu.in/

8.Future Plans of Actions for Next Academic Year

1. To conduct international conference / workshop on "Emerging Technologies in Engineering and Technology" 2. To organize Faculty development programs on relevant and priority areas 3. To make research broad based and inter disciplinary 4. To obtain more funded projects 5. To devise effective strategies to increase placement opportunities 6. To impart entrepreneurship skills to the students 7. To improve industry institute interaction so that students can be made industry ready 8. To increase the number of faculty publications in SCI indexed journals 9. To start a center for Agriculture Technologies 10. To start a soya based milk products manufacturing to support rural farmers.