Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**RAJAMAHENDRI INSTITUTE OF ENGINEERING AND TECHNOLOGY**
Name of the head of the Institution	**Dr.VEMURI LAKSHMINARAYANA**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**0883-2006066**
Mobile no.	**9553911355**
Registered Email	**office@rietrjy.co.in**
Alternate Email	**principal@rietrjy.co.in**
Address	**BOOPALAPATNAM, NEAR PIDIMGOYYI, RAJANAGARAM MANDAL, eAST GODAVARI DISTRICT.**
City/Town	**Rajamahendravaram**
State/UT	**Andhra Pradesh**

Pincode	**533107**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr.R.RAMBABU rEDDY**
Phone no/Alternate Phone no.	**08832440866**
Mobile no.	**9440218157**
Registered Email	**rambabureddy.rampatruni@gmail.com**
Alternate Email	**ratnamraj08@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://rietrjy.co.in/files/NAAC/NAAC-AQAR.pdf
4. Whether Academic Calendar prepared during the year	**No**

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B**	**2.48**	**2018**	**16-Aug-2018**	**15-Aug-2023**

6. Date of Establishment of IQAC	**19-Dec-2016**

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
Bridge Courses for I-Semester	**04-Jun-2018** **6**	**957**

Remedial Classes for I-Semester	16-Aug-2018 6	345
Bridge Courses for II-Semester	12-Nov-2018 6	957
Remedial Classes for II-Semester	29-Jan-2019 6	320
Regular meeting of IQAC is arranged	13-Jun-2018 1	16
Regular meeting of IQAC is arranged	06-Aug-2018 1	16
Regular meeting of IQAC is arranged with Alumni	05-Sep-2018 1	152
Regular meeting of IQAC is arranged	10-Oct-2018 1	16
Regular meeting of IQAC is arranged with All Staff members	30-Apr-2019 1	85

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8. Provide the list of funds 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
No Data Entered/Not Applicable!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	[View Link](#)
10. Number of IQAC meetings held during the year :	**7**
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 Uploaded 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)

•?Implementation of Outcomes Measurement for the courses in the Programme
•?Standardization of internal assessment pattern for all UG Programmes •?Bridge
courses and Orientation programme for 1st Year students. •?Arranging regular
training / certification programmes for students. •?Conducting seminars,
workshops and certification programs in emerging technologies for students. •
Faculty are encouraged to participate in Workshops/Conferences. •?Remedial
classes for the students in need, especially for the students having backlog
subjects. •?Faculty and students are encouraged to get certifications from NPTEL
with special rewards from the institution.

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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 impart Quality Education	? Quality of Assignments and Teaching Aids tools are enhanced. ? Semester wise Academic Data from HODs is collected and analyzed ? Feedback is taken from stakeholders for the improvement of teachinglearning processes.
Implementation of remedial classes for slow learners.	? Additional revisions on the topics in syllabus by and practical sessions are conducted. ? Several students were benefited.
Planned for technical exhibition contexts for students for better exposure to latest technologies.	? Many students participated in competitions with designed models. ? Some students won the Medals and Prizes
To encourage staff and students Participation in seminar, workshop and conference	? Faculty members attended to update their domain expertise and exposed to latest trends ? Sponsored the students to participate in national level inter institution Competitions/ seminars/ workshop.
To improve the number of placements.	? Many students placed in MNCs through well organized placement training sessions.
To Send SMS alert to the parents about progress of their wards.	? Alerts of attendance and performance are sent to the parents by SMS ? Communications with parents is done through SMS, letters and by phone.
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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Management	12-May-2019

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	2017
Date of Submission	18-Feb-2017
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)	Management Information Systems is operative in the college .The MIS Pervades the following areas of the institutional activities : • Staff attendance monitoring System (Biometric system) • Students attendance monitoring system • Automatic absentees SMS sending to Parents system • SMS gateway to send important notifications to different stakeholders of college • Results analysis monitoring system • Library Automation management software. • Financial analysis and monitoring system (Fee reimbursement , Jhanabhoomi, Fee pending, Scholarships) • Placements Training And Students data analysis and monitoring system.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

1.1.1 The institution ensures effective curriculum delivery through a well planned and documented process • Rajamahendri Institute of Engineering and Technology is affiliated to Jawaharlal Nehru Technological University Kakinada, Andhra Pradesh. RIET College follows the curriculum and academic calendar of JNTUK.RIET provides a comprehensive mechanism to implement the curriculum effectively. • At the beginning of the academic year, The Principal of the college conducts meetings regularly with the IQAC Committee and Heads of Department. • The IQAC coordinator presented the Power Point Presentation about road map of total action plan. At the commencement of every semester, principal conducts the staff meeting mainly to entrust the faculty their work responsibilities and duties. • There after Head of the Department conducts

meeting with their respective faculty before the commencement of the semester, in which subject allotments are made, course in charges, class in charges are appointed and Implementation the IQAC plan of action. • Course In-charge supervises designing of course objectives & outcomes. Remedial classes are accomplished for weak students and slow learners. Every course In charge prepares the course outcomes and course file which contains academic calendar, syllabus copy, lesson plan, unit wise class material, unit wise assignment questions, University questions and students nominal roll lists. • Class In-charge supervises all courses and the syllabus coverage in class, support overall conduction of Teaching- Learning process in the class room. HOD monitors the delivery of course, and its outcomes. • Thus the College has made teaching as student centric. Well equipped labs with facility of advanced teaching aids such as LCD projectors, and WI-FI are provided where students participate in group discussions, debates and seminars. • Industrial visits are arranged for the students. The institute also encourages MOU, with the industries for better training in core fields. Regular feedback is collected from the Stakeholders so as to take necessary steps for improve the academic excellence of the Institute and student welfare facilities.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
No Data Entered/Not Applicable !!!					

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	EEE	20/06/2018
BTech	ME	20/06/2018
BTech	ECE	20/06/2018
BTech	CSE	20/06/2018

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	178	0

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
CRT by FACE	16/08/2018	495
CRT by FACE (Phase I)	06/12/2018	495
Soft Skills by Sunil Gavaskar, Pragna	07/12/2018	495

Institute		
CRT by FACE (Phase II)	02/01/2019	495
CRT Aptitude Technical by FACE	28/06/2019	293
CRT Aptitude Technical by FACE	30/09/2019	293
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	Networking and Communication Sytems at ONGC base complex,RJY	14
BTech	SAMEER centre for Electromagnetic Environmental Effects,Visakhapatnam	1
BTech	TeraSoft ,Hyderabad	1
BTech	Doordharshan, Rajahmundry	4
BTech	BSNL	6
BTech	VERZEN (Microsoft Authorized Education partner)	1
BTech	Andhra Pradesh Gas Power Corporation Limited, Vijjeswaram (2 June -17 June)	6
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	No
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
1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words) • Students feedback is filled by the Students before the examinations of every semester. Attendance of each student is mentioned in the feedback form. Feedback is received on varied aspects of the college including Teaching, laboratory, library, administration and academics. • The points are calculated according to the grades given by the students in various criteria. The grades are given as A, B, C, D, E (where A5,

B4, C3, D2, E1). The Average and percentage of various criteria are calculated. The strength and weaknesses mentioned by the students are summarized. • Feedback is also collected from the parents during Parent Teacher Meetings that are organised by each and every department of the college. Suggestions and comments given by the guardians are also taken into account for future development. • The different areas where improvements are required are discussed in respective committees/departments. The proposals given by the different committees and departments are discussed in IQAC of the college for necessary action. Strengths of the college are also taken into consideration for further upgradation.

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
BTech	Computer Science and Engineering	120	135	97
BTech	Electronics and Communication Engineering	120	87	40
BTech	Electrical and Electronics Engineering	120	35	15
BTech	Mechanical Engineering	120	27	17
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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
2018	169	0	95	0	0

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
95	95	9	32	4	4
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

? Our institution has students mentoring, counselling and support system, Around 20 students will be allotted to each faculty. In order to cater to the needs of students, Faculty Mentor scheme is followed. Each Faculty Mentor is assigned to a batch of 20 students who monitor the academic, nonacademic and personal progress of the students, which helps to improve pass percentage as well as skill development of the students. ? The Faculty Mentor is also in regular and constant touch with their parents/local guardians. Coaching for slow learners is provided through remedial classes. An appropriate mechanism is established to maintain the record and status of such students. ? Mentorship involves academic assessment, identification and nurturing of individual talents. Mentor meetings are conducted periodically to council the students, address their grievances and to motivate them.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
169	95	1:2

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
95	95	0	3	9

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
2019	Mr.P.S.S.K.SARMA	Assistant Professor	All India Radio
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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
BTech	UG	1 Sem 1year	15/11/2018	07/01/2019
BTech	UG	1 Sem 2 year	08/11/2018	26/12/2018
BTech	UG	1 Sem 3 year	06/11/2018	15/12/2018
BTech	UG	1 Sem 4 year	08/11/2018	03/12/2018
BTech	UG	2Sem 1year	14/05/2019	06/07/2019
BTech	UG	2Sem 2year	08/05/2019	19/06/2019
BTech	UG	2Sem 3year	07/05/2019	07/06/2019
BTech	UG	2Sem 4year	30/04/2019	25/05/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Response: • RIET is an affiliated institution of JNTUK evaluation norms of the university are followed. The university has adopted major reforms in evaluation by introducing the Credit based grading system and the institute has adopted

the same. RIET has adopted the method of assessing the academic performance of the students on a continuous basis. • Formative assessment in theory subjects: As per the JNTUK regulations, the marks allotted for internal exams are 30 and to that of external exams are 70. In this frame work, the college conducts the following components as part of internal exams. Objective Question Paper (10 marks). Multiple choice questions are given by university . Descriptive Question Paper (15 marks). • A set of four descriptive papers will be given by the concerned faculty to the examination branch from which one will be selected. Blooms Taxonomy is followed by the while setting the internal exam question papers. Assignments (5 marks) will be awarded by the instructor on the basis of class tests, written assignments, seminars and classroom interaction. Marks will be awarded for the above activities and the average of the above activities is taken as the assignment marks. • Continuous assessment in practical subjects: For practical subjects, there should be a continuous evaluation during the semester for 25 marks for internal and 50 marks for the end examination. To improve the outcome of the laboratory work done in a semester, out of the 25 marks for internal, daytoday work in the laboratory shall be evaluated for 15 marks and internal examination for practical shall be evaluated for 10 marks conducted by the concerned laboratory faculty member. In this regard, the faculty will do the evaluation of the day to day performance of the student for each experiment which includes regularity, procedure, results, viva and punctuality in submission of records and the marks obtained for each student are recorded. • As part of the internal assessment of projects which are done in IV th year, RIET follows the following framework. Project Review Committee (PRC) is formed for every department consisting of Head of the Department, Project In charge and two senior faculty members to identify the projects. Students are formed into project batches with four or five students in each group. The groups collect the literature on a topic and review the literature and submit the title with objective, plan of action for title approval to PRC. PRC assess and approves projects to each group. • After obtaining the approval the groups are allotted with a faculty member as their guide for the project and can start up the Project work. Review meetings are conducted for continuous assessment in projects Review1 covers abstract block diagram. Review2 covers implementation. Review3 covers final results with coding. Grades will be given for each review. The average of all the reviews is taken and the internal marks will be awarded for projects.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

? The academic calendar issued by the affiliating university forms the basis for designing the college academic calendar. To improve the academic standards special hours and extra sessions are incorporated in the college schedule to accommodate the needs of slow learners and advanced learners thereby creating an environment for their all round development. ? The academic year schedule for the two semesters provided by the university in advance and allows scope for incorporation of attributes for progression. ? The calendar year is divided into two semesters, odd semester starting from June to October and even semester from November to April. All activities all planned well within the calendar months incorporating schedule for classes, examinations, labs, seminar, conferences, workshops, training and projects, placement drives along with extracurricular activities. ? Before the scheduled dates prescribed by the University for Internal/mid Examinations the faculty submit the question papers of Four Sets to the examination cell. The exams are conducted by the examination cell as per rules set by the affiliating university.

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)

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
UG 1 Sem	BTech	Electrical and Electronics Engineering	156	87	55.76
UG 1 Sem	BTech	Mechanical Engineering	163	72	44.17
UG 1 Sem	BTech	Electronics and Communication Engineering	278	162	58.27
UG 1 Sem	BTech	Computer Science and Engineering	380	291	52.89
UG 2 Sem	BTech	Electrical and Electronics Engineering	153	105	68.62
UG 2 Sem	BTech	Mechanical Engineering	157	82	52.22
UG 2 Sem	BTech	Electronics and Communication Engineering	275	169	61.45
UG 2 Sem	BTech	Computer Science and Engineering	378	236	62.43

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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)

http://rietrjy.co.in/files/NAAC/analysis_naac.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – 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
No Data Entered/Not Applicable !!!				

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3.2 – Innovation Ecosystem

3.2.1 – 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
1 Day Interaction Program On Property Rights.	MECH	12/07/2018
1 Day Interaction Program On Property Rights.	MECH	15/12/2018
A One day Seminar on Whats next	CSE	22/08/2018
A Workshops on Android development programme	CSE	06/09/2018
A Three day Workshops on Cyber security	CSE	26/11/2018
A Three day Workshops on Buil Box (gamification with AR VR)	CSE	26/12/2018
A One day Seminar on Career guidence and opportunities in E commerce	CSE	25/01/2019
A One day Seminar on Deep learning with AI	CSE	18/02/2019
A Three day Workshop on ARDIUNO	ECE	18/03/2019
A Two day Workshop on MATLAB	ECE	04/03/2019
A One day Seminar on Mobile Technologies	ECE	08/02/2019
Two days Workshop on stability with distrbution genreation .	EEE	22/08/2018
OneDay Workshop on Research opportunities in emerging areas of electrical engineering	EEE	06/02/2019
A Seminar on PID controllers for industrial process control	EEE	14/07/2018
A Seminar on Substation Automation Protocol	EEE	21/01/2019

3.2.2 – 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
No Data Entered/Not Applicable !!!				
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
	Rs3148	

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
00	0

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

Type	Department	Number of Publication	Average Impact Factor (if any)
No Data Entered/Not Applicable !!!			
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
No Data Entered/Not Applicable !!!	
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3.3.5 – 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
No Data Entered/Not Applicable !!!						
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3.3.6 – 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
No Data Entered/Not Applicable !!!						
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	0	0	0	90
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3.4 – Extension Activities

3.4.1 – 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
World Environment Day	RIET NSS UNIT	2	75
Eye Camp	RIET NSS UNIT	2	165
Blood Donaion Camp	RIET NSS UNIT	2	40
Donation for Kerala	RIET NSS UNIT	6	120
Health Camp	RIET NSS UNIT	2	165
Blood Donaion Camp	RIET NSS UNIT	4	75
Blood Donaion Camp	RIET NSS UNIT	2	80
Tribute to Soldiers	RIET NSS UNIT	4	145
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3.4.2 – 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
State Government Prathibha Award	Prathibha Award	JNTUK,Kakinada	2
STRIDES	1ST PRIZE	PRAGATHI INSTITUTE OF TECHNOLOGY	3
ERUDITE	2ND PRIZE	PRAGATHI INSTITUTE OF TECHNOLOGY	3
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3.4.3 – 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
Awareness Programme	RIET NSS UNIT	Soft Skills needed for Career Developmnt	4	145
Awareness Programme	RIET NSS UNIT	Indian Constitution Day	2	165
Training Programme	RIET NSS UNIT	Yoga Training Programme	3	165

Special Camp	RIET NSS UNIT	Village Development Programme	3	50
Special Camp	RIET NSS UNIT	Education and Human Values	3	50
Special Camp	RIET NSS UNIT	Sanitary Awareness Programme	3	50
Special Camp	RIET NSS UNIT	Voter Awareness Programme	3	50
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3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Deep Learning and AI (leadingindia.AI)	190	Management	1
The Impact of Software Applications in Social Life (Cllaboration with Kalinga University)	90	Management	1
ICT Teaching (Cllaboration with Kalinga University)	85	Management	1
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3.5.2 – 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
APSSDC	TURNING NC CONTROL PROGRAMMING	JNTUK	04/09/2018	07/09/2018	24
APSSDC	ESSENTIALS FOR NX DESIGNERS	JNTUK	10/09/2018	15/09/2018	24
APSSDC	Gamification with AR VR	Kalinga University	26/12/2018	28/12/2018	97
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate

houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
KALINGA UNIVERSITY	08/03/2019	R D activities,Seminars, Workshops,Faculty Development Programmes and Participate in Campus Interviews	190
DATA POINT (An ISO 9001 : 2000 Company)	10/07/2018	Share Work Experience,/Industry Training/Industry Practices	290
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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
46	45.05

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Seminar halls with ICT facilities	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
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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
ECAP	Fully	6.2	2010

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total

Text Books	22194	3943536	1615	285855	23809	4229391
Reference Books	3911	694925	179	31790	4090	726715
e-Books	2000	11500	0	0	2000	11500
Journals	35	28395	0	0	35	28395
e-Journals	2000	7800	0	0	2000	7800

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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
No Data Entered/Not Applicable !!!			
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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	390	370	250	60	60	10	5	80	10
Added	10	0	0	0	0	0	5	0	5
Total	400	370	250	60	60	10	10	80	15

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

80 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
N Digital online Journals, Noble Infotech	www.rietrjy.co.in/Ndigital

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
11	10.04	50	49.82

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, provide link)

Response: There are established system and procedures for maintaining and utilizing physical, academic and support facilities – laboratory, library, sports complex, computers, classrooms in the institution. The institution has the policy of replacing or upgrading the existing equipment to meet the changes in the syllabus made by the university from time to time. Maintenance of infrastructure: The maintenance of the institute undertake routine checks to ensure proper upkeep and maintenance of the infrastructure. • Carrying out minor repairs of buildings, electrical and sanitary fittings. • Ensuring the general and fire safety procedures and its equipment maintenance in the campus. • Separate ground staff involve in maintenance of the gardens, lawns and surroundings. • Maintenance of the roads, water tanks and other services in the compound. • Sweepers and a supervisor are also regularly allotted to maintain hygienic environment in the college with respect to cleaning of labs, library, floors, corridors, classrooms, toilets etc. Electrical maintenance : Maintenance of UPS systems and its batteries are routinely done by the network administrator. Maintenance diesel generators ,electrical machines and equipment earthling – measurement of earth resistance at regular intervals, ensuring the proper earth connection for various equipments in the labs and classrooms is electrician on a regular basis. Library committee: The committee convene twice each year and identify the requirement of books and journals. The required list of books and journals are collected from HOD 's and forwarded to governing council through the principal for sanction and approval. Sports facilities: The maintenance of the sports facilities is responsible of the physical director. Up gradation of facilities are done after approvals from Governing body council. Maintenance of Labs : Calibration of the equipment/instruments is taken up by the respective departments every semester/year as and when required based on or according to the time frequency suggested by the supplier. Any deviation in this regard will be noted and necessary steps are initiated by calling for the technicians from the supplier are taken.

http://rietrjy.co.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	Tution Fee Discount,Bus Fee Discount,Merit Scholarships	553	3950000
Financial Support from Other Sources			
a) National	Fee Reimburesment ,SC / ST Corporation,BC Corporation ,EBC,Kapu Corporati on,Minority Corporation (From Govt. of AP)	957	34290400
b)International	0	0	0
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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
Guidance for compretative examinations	16/07/2018	495	Training and Placement Cell
Career Counselling	23/07/2018	752	Dr.Kennedy, APITA and Dr.MVR Murthy, Medical Officer,RMC ,Rajamahendravaram
Soft Skill Development	07/12/2018	1485	Focus Academy of Career Enhancement,HYD and Mr. Suneel Gavaskhar,Pragna Academy
Remedial Coaching	16/08/2018	245	Rajamahendri Institute of Engineering and Technology
Language Lab	11/06/2018	169	Rajamahendri Institute of Engineering and Technology
Bridge Courses	04/06/2018	957	Rajamahendri Institute of Engineering and Technology
Yoga and Meditation	10/09/2018	169	Rajamahendri Institute of Engineering and Technology
Personal Counselling	15/03/2019	957	Rajamahendri Institute of Engineering and Technology
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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
2019	Guidence for compretative examinations	495	0	5	5
2019	Career Counselling	0	752	0	190
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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
4	4	5

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
Tech Mahindra And also 14 Companies (Listed in Attachment)	425	180	Tata Consultancy Services And also 03 Companies (Listed in Attachment)	135	10
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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
2019	1	2019 2021	MECHANICAL	JNTUK	THERMAL
2019	1	2019-2021	CSE	SRKR Engg.College	CSE
2019	1	2019-2021	CSE	KITE	CSE
2019	1	2019-2021	CSE	Aditya Engg.College	CSE
2019	1	2019-2021	CSE	MS in USA	MS
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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	1
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Freshers' Welcome	Institutional	462
Teachers' Day Celebration	Institutional	957
Engineers day Celebration	Institutional	957
ACME Celebration	Institutional	143

MESA Celebration	Institutional	164
ERA Celebration	Institutional	281
RACE Celebration	Institutional	380
TECHFEST 2K18	District	600
Sankranthi Sambaralu	Institutional	940
Farewell Celebration	Institutional	495

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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
2019	0	National	0	0	0	0

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

Response: To inculcate leadership skills, organizing skills and to also play an active part in the day to day academic and cocurricular activities of the institution, students are appointed in various academic and administrative committees. Academic Bodies: • Class Monitoring Committee Activities: Weekly reports on the syllabus coverage both in theory and laboratory are submitted to the HOD, monitor discipline in the class and represent any issues related to students. One representative from the class are nominated at the beginning of each year both from boys and girls • Library Committee Activities: To give feedback on the library services periodically and represent their needs to the Library committee. One student representative from each department is nominated at the beginning of each year. Administrative Bodies: • Anti Ragging Committee Activities: The student representatives in this committee take prudent steps in Prevention of any kind of ragging incidents and help the antiragging committee Maintain the campus ragging free. Representatives from senior students, one each From all departments are nominated at the beginning of each year. • Women Grievances Redressal Committee Activities: To enquire and address the grievances of girl students and lady staff Individuals. Representatives from girl students, one each from all years are nominated at the beginning of each year. • Canteen Committee Activities: To give regular feedback on the cleanliness, timeliness, quality and the prices of the food items provided in the canteen. One representative from each department is nominated at the beginning of each year. • Student Grievance Committee Activities: To represent the grievances of the students periodically to the Student Grievance Committee on the academic facilities, transportation facility, sports and games facility and any other issues related to students. One representative from each department is nominated at the beginning of each year. • Student chapters Activities: To register as members and participate in various professional activities conducted by the Student chapter like workshops, conferences for paper presentations, specialized tests and so on.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

•?Alumni association is established in campus. The institution conducts regular annual Alumni meetings. Various activities like sharing their views on industrial knowledge, sources of placements and cultural events have been organized during the meet. •?Alumni contribute to the development of the institute in the following aspects: ? Alumni members are placed in various sectors. So they serve as a source to know about various opportunities for their juniors. ? The information about the current scenario in the industrial and marketing sector can be discussed with the current batch of the students. ? The experiences of the Alumni serve as a practical evidence and motivation for the upcoming batches. ? Feedback from Alumni was taken to improve the institution activities.

5.4.2 – No. of enrolled Alumni:

355

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

280000

5.4.4 – Meetings/activities organized by Alumni Association :

01

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)

Response: A well defined Decentralized governance system is available with sufficient autonomy including all departments and as well as sections in the college. • Work plan to the faculty is assigned through Head of the Departments and will be regularly verifying the syllabus coverage. • Programs related to empowerment of students staff can be organized by the Head of the Departments. • Formation of different statutory sub committees comprising representatives from all stakeholders of the college for coordinating important administrative activities of the college. • Formation of different sub committees under the supervision of IQAC comprising representative of all stakeholders of the college for coordinating important academic activities of the college. • Laboratory Equipment for the department and the proposed budget purchase is planned by the respective lab incharges, then authorized by HOD's and then forwarded to Principal. • College Management Committee is constituted with Chairman, Secretary, Principal as members with meetings held for every 1st half's of the months March, July and second half's of the months September, December regarding stock of academic, Activities of administrative and development. • Chairman will communicate the resolutions along with the committee members for the further implementation. Committee may add other members as required based on the situation. • Budget allocations are mainly made in March, as the next academic year commences. Meet in the month of March will be based on the review of current year expenditure and utilization. • Weekly meeting of Principal with HOD's is held discussing various activities of academic and extracurricular like technical fests, annual day celebrations, sport tournaments etc. • Internal issues of departments are discussed in departmental meetings. For the internal problems of departments Principal will attend and address them immediately.

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
Curriculum Development	• Institute follows the curriculum developed by the university JNTUK, Kakinada as it is affiliated to JNTUK, Kakinada • Several faculty members are involved in course restructuring and revision committees constituted by Jawaharlal Nehru Technological University, Kakinada • Syllabus revisions are made once in 3 years by the affiliating university JNTUK, • Required inputs are also being collected from various stake holders like companies that visit for placements, experts who visit the college on various occasions, alumni, etc and incorporate in our time tables in addition to required syllabus to enhance skill among the syllabus. • Director of Academics looks into overall academic growth and quality improvement. • Work load distribution as per specialization of faculty members. • Examination committee ensures smooth conduct of examinations.
Industry Interaction / Collaboration	• Industrial visits, lectures by industry experts and domain experts are regularly conducted. • Industry Interaction is made as an integral part for all courses. • MOUs are signed with reputed industries for mutual benefit with the exchange of expertise. • Students are deputed to industries for internships, project works, visits to aware of the industrial needs and required skills.
Teaching and Learning	• Teaching and learning is regularly monitored by the Principal and HOD of the concerned department. • Feedback from the students is collected and appropriate actions are initiated for improvement of quality in teaching and learning. • ?Highly qualified and dedicated faculty. • Healthy interaction between students and faculty which goes beyond the classrooms. • Innovative methods are adopted for teaching and learning process. • Study materials, lab manuals, handouts etc are issued via ICT. • NPTEL certification courses are introduced as a part of MOOCs • Remedial classes are held for the students requiring additional help. •

		Smart class rooms with ICT Facilities are available. • Collection of rare and latest books and journals. • Guidance to students for getting admission for higher studies. • Encouraging students to do mini projects in the concerned subjects • Conduction of Skill Development training programs • Cocurricular activities are included as a regular practice.
	Examination and Evaluation	• Continuous evaluation through different methods like internal assessment test, assignments, presentations, project reviews etc. Transparency is maintained in evaluation process. • Examination committee to ensure smooth conduct of examinations. • Assignments and interim tests are conducted as a part of continual evaluation system. • Two internal examinations are conducted as per the University norms in highly confidential manner in every semester apart from University end examinations. • The evaluation of all the scripts will be conducted in university and results will be announced within three weeks after the completion of examinations. • Faculty are better participating in Question paper setting, scheme preparation and evaluation by the university.
	Research and Development	• College provides all support for research and development like sanctioning duty leaves, encouraging faculty to interact with faculty from other institutions and motivates towards sponsored research. • RD committee to review and motivate research scholars. • Incentives for research publications, for attending workshops, conferences and FDPs
	Library, ICT and Physical Infrastructure / Instrumentation	• The library has a collection of good number of books meeting the requirement of students and faculty. New titles and volumes of text books are added every year continuously by allocating required budget to procure books and journals. • NPTEL web courses and video courses are being used by staff and students to enhance their skills. ????????????? • ?Ebooks and other online resources are accessed through digital library. • ?Campus is provided with WiFi facility. • Computer system, LCD projector and public address system are arranged in all the

	seminar halls and ICT class rooms. • Required number of laboratories with the stateoftheart facilities are provided. • Required computational facilities with sufficient number of computer and peripherals are available. • ?Various skill development centres are arranged in different domains.
Human Resource Management	• Faculty annual assessment by Self Appraisal Performa (SAP) • Faculty members and Staff are encouraged to participate self development programmes. • Faculty members are encouraged to obtain higher qualification. • Arranging various Orientation programs for members of staff for upgrading their skills in their respective fields. • Incentives are given to the faculty members for presenting research papers in reputed Journals, for attending workshops and FDP's.
Admission of Students	• As per norms prescribed by the Govt. Of APSCHE • 70 of the admissions are done by the Convener, EAMCET, Govt. of Andhra Pradesh. • Remaining 30 of the seats are filled by the Management based on the guidelines given by Govt. of Andhra Pradesh from time to time.

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

E-governace area	Details
Examination	• The MIS of the institute has well defined modules for collecting the data related to marks of continues evaluation, semester Mid Tests, End semester marks, Result analysis.
Planning and Development	• The Management Information System (MIS) modules of the Institute helps in planning academic activities which includes Timetable, Lecture schedules and attendance, Feedback by students and all stakeholders . • This MIS helps in the faculty subject allocation, academic performance of the students, based on the performance distributing the students into batches for conduct the remedial class. • The MIS allows students to select Choice Based Electives. • This MIS system has students and Employee Grievance module which helps in overall development of the Institute.
Administration	• Administrative MIS modules of the institute helps in keeping service records of all the employees

	maintaining service books, promotion records, seniority etc.
Finance and Accounts	• Functions of the finance and accounts are precisely defined and are strictly followed with proper accounting practices making record of each financial transactions using ECAP mechanism. • This has helps keeping records of receipt of funds, consultancy income, donations, staff salary and all types of purchases and payment of various utility bills and taxes.
Student Admission and Support	• Students who desires to take admission into Convener quota are required to attend EAMCET counseling organized by Govt. of Andhra Pradesh. • Students who desires to take admission into Management quota and Spot admission are required to make formal application to the institute

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
2018	Dr.D.Naga Purnima	NPTEL	Rajamahendri Institute of Engineering. Technology	1000
2018	Mr. R.Srinivas	Real Time Embedded Systems and IoT,Its Applications organized by the E ICT Academy,NIT Warangal	Rajamahendri Institute of Engineering. Technology	1500
2018	Mr. P.Venkata Ratnam	Real Time Embedded Systems and IoT,Its Applications organized by the E ICT Academy,NIT Warangal	Rajamahendri Institute of Engineering. Technology	1500
2019	Mr. D.Murali Krishna	A One week summer faculty development programme	Rajamahendri Institute of Engineering. Technology	1000

2019	Mr. V. Sandeep Kumar	A One week summer faculty development programme	Rajamahendri Institute of Engineering. Technology	1000

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6.3.2 – Number of professional development / administrative training programmes organized by the College 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)
2018	A one day workshop on Yoga and Meditation	A one day workshop on Yoga and Meditation	11/09/2018	11/09/2018	85	20
2018	Organizing Staff moti vational programme at Seminar Hall. Moti vational talk by Gampa Nageswara Rao on the topic How to stay fit and maintain	Organizing Staff moti vational programme at Seminar Hall. Moti vational talk by Gampa Nageswara Rao on the topic How to stay fit and maintain	30/07/2018	30/07/2018	90	26
2019	Seminar on Fundame ntal element of Healthcare by Dr. MVS Murthy ,Medical O fficer,RMC .	Seminar on Fundame ntal element of Healthcare by Dr. MVS Murthy ,Medical O fficer,RMC .	09/04/2019	09/04/2019	85	26
2019	Effective Teaching M ethodologi es by Venukalyan	Nill	16/04/2019	17/04/2019	75	0
2018	Organizing	Nill	20/12/2018	20/12/2018	82	0

workshop on Writing Skills in research at Seminar Hall by Suneel Gavaskar,Pragna Academy				

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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
NPTEL (Ordinary and Partial Differential Equations and Applications)	1	23/07/2018	24/10/2018	84
Real Time Embedded Systems and IoT,Its Applications organized by the E ICT Academy,NIT Warangal	2	03/09/2018	08/09/2018	6
Innovative Methodes o Teaching by ICT teaching, Kalinga University,Raipur	85	22/03/2019	23/03/2019	2
A One week summer faculty development programme	2	25/05/2019	30/05/2019	6

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	95	0	90

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
• 12 Casual Leaves and 10 Earn Leaves are facilitated	12 Casual Leaves and 10 Earn Leaves are facilitated	• External support to get merit welfare scholarships from both

state and national
government for all
eligible students.

6.4 – Financial Management and Resource Mobilization

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

Response: Internal: • In the college there is an internal Financial Committee constituted which would examine the budget proposals, receipts, bills and vouchers and supporting documents for the current year. • The financial committee after the Scrutiny, they may advice concerned departments for any possible improvement. The major Source of revenue of the educational institution is from tuition fees. • Another Source of income for the institute is from collection of fines from the students. The list of fines due from the student is made by the each department incharge and communicated through the accounts department. • Generally the fine is collected for depositing fee after the prescribed date, library fine for non return books, laboratory fine for the breakage of laboratory apparatus and also non submission of leaves for irregular students. • The internal audit is carried out by unifying the admission fees, collected tuition fees and any fee collected in Indian currency. All the balance is verified up to date. • The internal auditor should check all the salary statements more frequently shows that the transparency in the accounting department. • All the payments should be done in all modes or by cheque nearly about 90. The remaining 10 by direct cash mode. All the staff members should submit Form16, which is related to total deductions and professional tax. Everything is verified properly and should cross check for every academic year. External: • The College submits the budget proposals and income and expenditure statements to the Audit Committee for the necessary audit. The Accounts are audited by External Auditor under the Income tax Act for the financial year. • External audit programs deals with the bank financial reporting areas. Such as salary statements and amount that has been spent during the inspection of AICTE, JNTUK and FFC. • Employees including Teaching and Non Teaching Staff salary statements, their increments and other deductions are verified. The fee receipts are cross checked during the every academic year to reduce discrepancies in the calculations and the data sheets. • All bank statements are readily checked for transactions. The Income Tax return copies are verified for every annual closing year during March or April. • External auditor verified documents related to assets of the college including buildings, workshops and play ground.

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
Individuals	250000	Meritorious Scholarships to Students
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6.4.3 – Total corpus fund generated

5255580.00

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	JNTUK,Kakinada	Yes	IQAC
Administrative	Nill	JNTUK,Kakinada	Yes	Governing Body Principal

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

• Parents are regularly intimated about the attendance and progress of their wards by via SMS and postal, telephonic correspondence. • Informal meetings are being conducted to identify the issues related to students. • Feedback from the parents is collected and it is analyzed for taking measures further. • Departments organise a onetoone dialogue with parents whose children need further support and counselling services to enhance their performance. • Providing valuable suggestion for development of the institution • Pointing out the weaknesses of the college related Departments and suggesting rectification. • Communicating views which the students feel shy to communicate directly to the teachers about the college and the department.

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

• Training programmes are conducted on regular basis either by the faculty on by the technical people from the equipment / instruments suppliers to upgrade their skills in handling and maintaining them in laboratories. • Supporting staff are encouraged to continue their education for improvement of their qualification. • Promoted to suitable next level as per qualification and skill. • Personality development and Stress free programmes are conducted. • Computer Training of the office staff so that they are able to handle the online admission and registration of students.

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

• Formation of IQAC committee of the Institute • Use of ECAP for academic and administrative functions. • Syllabus revision with outcome based technique • Definition of course outcomes, program educational outcomes and program outcomes of all the programs of the institute. • WiFi connectivity of all classrooms. • Academic and Administrative Audit of the Institute. • Biometric of attendance of all the Staff.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
c)ISO certification	No
d)NBA or any other quality audit	No

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
2018	Bridge Courses for ISemester	04/06/2018	04/06/2018	09/06/2018	957
2018	Remedial Classes for ISemester	16/08/2018	16/08/2018	22/08/2018	345
2018	Bridge Courses for IISemester	12/11/2018	12/11/2018	17/11/2018	957

2019	Remedial Classes for IISemester	29/01/2019	29/01/2019	05/02/2019	320

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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
Women Empowerment and the Economic Development	10/09/2018	10/09/2018	65	20
Celebrated birthday of Sarojini Naidu as a National Women's Day in the Campus	13/02/2019	13/02/2019	150	25
International Women's Day Celebrated in the Campus.	08/03/2019	08/03/2019	135	20

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

? Efforts for Carbon neutrality: • The college conducts Green Audit through a Committee constituted for the purpose, which has the principal as the Chairman, NSS Programme Officers and the Students Representatives as members. • Sprinkler system is used for Greenery and Lawns ? Plantation : • Campus takes utmost importance in plantation of trees, both medium and long trees to make the campus green and clean. • Green Drive (Planting of trees) by NSS Units of the College. • To avoid smoke pollution thermal engineering machinery of mechanical department and canteen are located away from the main building. • The staff, students, parents alumni are encouraged to plant trees inside and outside the campus. NSS volunteers plant saplings in our college and also in the villages adopted by our institution on different occasions. ? Solid waste management: • The redpainted dustbins are used for wet and ecofriendly wastes. • The blue painted dustbins are used for transfer of plastic wrappers and noneco friendly wastes, such as papers and glass bottles. • Cleaning or removal the waste from dustbins is being done all the time between 11:0011:30 am and 4:30 pm every day. ? Liquid waste management: • Fluid waste from the purposes of different wastes like bottles, clothing, and latrine is isolated and purified and let out as come into a common drainage. Since our college is situated in a remote area, some leakages are bored to let out this fluid waste. ? Ewaste management: • In our college, there is a basic procedure of ewaste administration .At the finish of PCs valuable life, they are gathered from various places of the college by assigned specialists and sent to the IT work shop. • In the work shop, the PCs which have minor repairs are rectified and sent back for reuse, while those PCs which have high level of damage and cannot be repaired will the examined thoroughly and kept aside for sales. ? Energy Conservation : • The classrooms

and staffrooms are provided with sufficient cross ventilation so that the use of electricity is optimized. • Incharges will look after switching off electric equipment when not in use. • Energy efficient LED bulbs are used in the campus to minimize the power consumption. ? Use of Renewable Energy : • The college management identified the importance of renewable energy and 539.13 KWH (2) Power requirement met by renewable energy sources. ? Rainwater Harvesting : • Rain water from the top of the building is collected and is either stored or allowed to sink into the land. • An RO plant is installed in the institution and waste water of this plant is used for the purpose of not only maintaining garden but also take up of growing vegetables in the institution. • Implementing Rainwater harvesting on the RIET campus could lower water bills and contribute to the campus's effort to "Go Green".

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Provision for lift	No	0
Ramp/Rails	Yes	0
Braille Software/facilities	No	0
Rest Rooms	Yes	0
Scribes for examination	Yes	0
Special skill development for differently abled students	No	0
Any other similar facility	No	0

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
2018	1	1	29/08/2018	1	Health Awareness Compaign	Public Health	75
2018	1	1	05/10/2018	1	Garment Collection and Fund Raising for the flood victims of Kerala	Natural Calamity	75
2019	1	1	08/03/2019	1	Awareness on Green	About greenery and plant	50

	Environment	ation

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
The hand book of Code of Conduct	20/06/2018	CODE OF CONDUCT STUDENTS ? Wearing of identity card and uniform is mandatory within the college campus. ? Student should attend classes regularly and on time. ? Student should participate actively in different outreach programmes organized by the N.S.S in extracurricular activities and in sports. ? Use of internet, computers, laptops, and tablets by the students within the college campus, should be strictly restricted to academic purpose only. ? Usage of Mobile phones are strictly Prohibited. ? Smoking and drinking is strictly prohibited within the college campus. ? Student should strive hard to maintain and improve the cleanliness of the college campus. ? Any damage caused to college property will be considered as punishable offence. ? 80 of the current value is to be recovered by the college library in case of any loss or damage of any book issued to a student by the college library. ? Presence of every student is mandatory in the induction meeting chaired by the principal or convened by the Department on commencement of an academic session. CODE OF CONDUCT TEACHERS Discipline and Conduct: ?

Reasons for the Disciplinary measures: ? Neglect of duty. ? Want of due diligence in the performance of duties. ? Dereliction of duty connected with work related to the University examinations. ? Engaging in any unauthorized work, gainful or otherwise. ? Violation of orders regarding attendance and discipline . ? Misappropriation and deflection of college fund. ? Insubordination or disregard or violation of the written orders of the superior authority. ? Bring or attempt to bring any political or other outside influence to bear upon any superior authority to further her/his interests in respect of matters pertaining to her/his service in the college. ? Failure to adhere to published rules/regulations. ? Commission of any offence involving moral turpitude. ? Damage or misuse of college property or data. software licensing and other similar violation. ? Falsification of attendance, employment application, and/or other records/documents. ? Unauthorized / unverified comment in the public that will cause false alarm, disrepute, inaccurate representation in the public mind about the college. ? Conviction by a criminal court. ? Talking of illegal gratification. ? Tempering with official records. ? Unauthorized absence. ? Being in the college premises intoxicated state and or

in possession and / or in use of illegal drugs or controlled substances. ? Being the college premises with possessions or use of weapons. ? Bigamy. ? Engaging in sexual harassment of colleagues and students. ? Declining of assignments related to invigilation/paper setting/ evaluation of University Examination without any reason.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Celebration of Independence Day	15/08/2018	15/08/2018	185
Teachers day	05/09/2018	05/09/2018	1000
Engineers day	15/09/2018	15/09/2018	1100
World AIDS Prevention Day	01/12/2018	01/12/2018	65
Sankranthi Sambaralu	10/01/2019	10/01/2019	1150
Celebration of Republic Day	26/01/2019	26/01/2019	200
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

• Plantation is set in majority places of the campus and maintained to make campus as eco friendly. • Sprinkler system is used for Greenery and Lawns. • Rain water harvesting has been initiated as method of environment concerns. • Adequate publicity is given in the campus to bring awareness among all students and faculty about conservation of environment by saving power, water and to avoid plastic. • Underground drainage system is maintained. • The institute arranged specific parking zones to assure a pollutionfree environment as part of carbon neutrality maintenance. • Plantation of trees has been increased to absorb CO2 emitted in the atmosphere. • Institute has special focus on ewaste management. • The existing RO plant supply potable water for the entire college. • Installation of ample number of Power Saving LED lights in the Campus

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practices 1 Title of the practice: Outcome Based Education (OBE) Object In Rajamahendri Institute of Engineering Technology, apart from the methods of teaching, Outcome Based Education(OBE) is also practiced. Activities are course seminar, course project ,quiz, subject proficiency test that comes under the Outcome Based Education help a faulty member to assess the student on continuous basis. Even some of the engineering colleges around the country do not show interest to conduct the quiz, course seminar and course project facilities which are essential to the students. The Context: In Rajamahendri

Institute of Engineering Technology, internal assessment test, practical examination and university examination are the only possible ways of evaluating the academic performance of the student as per the university guidelines. This activities based on the education can make the transition between academic to work environment and life easy. It not only boost students' employment prospects but also the confidence level among students to meet in real life challenges. The Practice: Based on the schedule of academic calendar provided by the University, RIET college prepare its own calendar of events. In order to bring change in the skill levels of the students RIET college conducts competitions, workshops, presentations and organizes guest lectures to make the students familiar with the working principles of the corporate world. College conducts number of motivation classes to the student to encourage them to focus on their OBE along with the theoretical knowledge. RIET's mission of imparting quality education with an emphasis on OBE and social relevance strategically has transformed the campus environment through its curriculum infrastructure and emphasis on more labs, major projects, workshops etc which gives students hands on experience. Evidence of success: RIET created an excellent infrastructure in terms of spacious labs, equipped with stateoftheart facilities, and trained faculty. The Management conducts training programmes to the students as well as to the faculty with frequent intervals. Regular motivational classes are conducted to make students aware about the importance of developing practical skills. Faculty members are allowed to attend relevant training programmes conducted by the Universities, IIT's and NIT's from which they can learn new methods and techniques and the same can be imparted to the students. Students are also motivated to attend various training programmes and certificate courses to improve their practical knowledge in one or the other field. Problems Encountered and Resources Required: The management is committed to perceive their students improving some practical skills which facilitate them to settle in their lives, there are so countless obstacles faced by both students and the staff members. For example, Students background, time constraints, lack of supporting staff, classroom management, adjustment problems to the students, High cost of training, students involvement and interest, the teacher student synchronization, and appraising the skills of the students are some of the problems we encounter with. In order to evade these problems we could do with fully equipped laboratories, trained faculty, library facilities to know the needs of the present world, follow up programmes to evaluate students perfection and etc. Best Practices 2 Title of the practice: Enhancing the Employability Skills and Placements of Graduates • Pre placement training programs on aptitude skills, verbal, reasoning skills to enhance, guide and support students employability skills. • To help students communicate more effectively with employers about their skills, subject knowledge and carrier and potentiality. • Carrier counseling and guidance are provided to the students. • Explicitly linking learning outcomes with employability skills • The skill and other quality that enhanced application of subject knowledge the ability to critically analyze synthesize and challenge information. • To develop practical skill and professional awareness among students. • To provide awareness on latest technologies to make the students ready to face the challenges of modern world. The context: English has become a global language today. Communication skill in English along with technical knowledge enhances the employability skills of students. All the students inspite of Telugu medium or English medium background must possess good communication skills. To get equipped with good communication skills students require to undergo regular soft skills, communication skills, inter personal skills etc., right from their first year. Ever changing Technological Advancements in engineering and technology urges the students to expose themselves to latest software tools and gain knowledge on latest developments in their core subject. Further exposure to the industry in the form of training and projects, helps the students to gain knowledge on industrial Technology and development. The Practice: A good

personality and proper attitude is essential for a student to achieve their successful career. The foundation for a professional carrier is laid in student life itself. Our college provides many training programs for the students like CRT training, aptitude, soft skills, motivational classes etc., These programs built the critical thinking and decision making capabilities of a student. These CRT skills help the students in batter way to achieve good placements in reputed organizations. These CRT skills help the students to prepare for competitive exams of government jobs, also help the students to crack the entrance exams like CAT, GRE, GMAT, TOFFL etc., By conducting personality development programs regularly, monitors the development of soft skills and inter personal skills. Mock interviews by industry experts are conducted to instill confidence among the students by providing necessary inputs to face the interviews. To get placements in multinational companies college provides programming skills for the students. College conducts branch wise workshops for enhancing student growth towards their core subject. By conducting special classes and arranging training by industry expert enhances their programming skills. These skills provide the opportunity to strengthen their knowledge in their field and develop their programming skills. Providing hands on training on latest software tools such as MATLAB, PSPICE design, PHYTON, HADOOP, CATIA etc., in pre final and final year by the resource experts. Organizing workshops on emerging Technologies such as Cloud Computing, Robotics, PCB layout designing, solar power energy etc., from second year onwards by eminent academicians and resource persons. Evidence of success: These development programs strengthen the students so that they can build their mental ability and communication skills. Skills are learned capacity to carry out specific tasks. They are competences of the talents to do things. These proficiencies include critical thinking, outdoor and PPT presentation, or Technological skills are special abilities that are acquired through training and experience. The building block of successful carrier development is comprised of four components: skills, values, Interests and personality traits. Our college develops these four components in the students by the rigorous training programs and keen observation. Providing handon experience to the students on the latest software tools which has made them ready to face the latest challenges of the present industry ready. Exposing the students to latest technologies so that they can chose a particular filed and on a related technology and secures suitable employment for their bright future. Problems Encountered and Resources Required: Management made a decision and divide the faculty into teams and encourages faculty to go to reputed organizations to know their enhancement. This is an initiative step that was laid by our college management which enhances good results are needed to conduct various training programs, personality development programs and workshops on emerging technologies requires huge funds. Arranging internships in the industry to all the students is a challenging task to the administration. College need to recruit more number of faculties and professional trainers to conduct these programs. Name of the Principal : Dr. VEMURI LAKSHMINARAYANA Name of the Institute : Rajamahendri Institute of Engineering and Technology. Address for Communication : Bhoopalapatnam ,Pidimgoyyi, Rajamahendravaram,E.G.Dt. 533107 Web Site : www.rietrjy.co.in Email Id : principal@rietrjy.co.in Mobile : 9553911355

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
http://rietrjy.co.in/files/NAAC/best_practices_naac.pdf

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

Response: Rajamahendri Institute of Engineering and Technology popularly known as "RIET" was established in 2008 near Pidimgoyyi in Rajahmundry by "The Swarnandhra Educational Society" pioneered by Technocrats, Academicians and Philanthropists with a concrete plan to offer excellence in technical education and to meet the present as well as the changing needs of the corporate sector. Vision: The vision of the college is "to develop RIET into an Institution of Excellence in Engineering Education at Graduate level, Post graduate Level and to carry out quality research in Engineering and Technology". Mission: • To educate students with a practical approach to dovetail them to industry needs. • To govern the institution with a proactive and professional management with passionate teaching faculty. • To provide holistic and integrated education and achieve overall development of the students by imparting scientific and technical, social and cognitive, managerial and organizational skills. • To compete with the best and be the most preferred institution of the studious and the scholarly. ? Teaching Learning Process: ? RIET has a vibrant pool of young and experienced faculty, renowned in their domains with wide exposure in teaching, research and consultancy. ? Most teachers at RIET are actively pursuing PhD and have published several papers in national and international Journals. ? The college facilitates IndustryInstitute through MoU's with Industries in and around Rajamahendravaram, Hyderabad, Visakhapatnam and Vijayawada for training, internships and placements. ? Extension Activities ? The college offers training not only in academics and technical areas but also the in social skills, soft skills, ethical values and personality development. ? Students and faculty of RIET regularly participate in technical seminars, conferences and workshops. ? The college provides job assistance program (Campus Recruitment Training) to students of all years. Several students are being selected every year in campus selections of reputed companies. ? Activities and Outreach Programmes are focused on the integral formation of the student. Training and Workshops on Transferable Skills help the students to serve the society better. ? The college research wing provides handson experience to the students and facilitate them to get the live projects from local organizations (ONGC and CTRI), so that the students are able to get potential source of employment. ? RIET is in vanguard of social service by adopting nearby villages. The NSS wing of RIET regularly conducts sanitation programmes, plantation, blood donation camps, literacy activities, SWATCH BHARAT, medical camps and clean and green programmes in villages in the vicinity of the college. ? Value Education classes ? Once a week for students of all year are held for all students throughout the year to enable students to discern and make informed choices for life. Soft skills also form part of these classes. ? SelfEvaluation and Continual Renewal ? The Institution follows a multi level evaluation process to support a continual renewal such as: a. Self Appraisal by Teaching and Administrative Staff, b. Peer Evaluation Process of Student Evaluation c. Academic Audit d. Stakeholders Feedback e. Management Appraisal

Provide the weblink of the institution
http://www.rietrjy.co.in/

8.Future Plans of Actions for Next Academic Year

Future Plans of action for next academic year ? Enhancement of infrastructural facilities. ? Enhancing academic excellence. ? Staff members are to be encouraged to apply for DST Minor/ Major Research Projects ? Proposed to conduct Seminar, Conferences, Workshops and FDP's. ? Proposed to take up Career Guidance Programmes and approach various agencies for an increased number of Campus Interviews. ? To conduct various community services through NSS unit of our Institute. ? To conduct faculty enrichment programmes. ? Proposed to establish Skill Development Centre. ? To impart special skills to advanced learners. ?

Proposed to organise an National/International Seminar/Workshop. ? Approaching the affiliating University for introduction of new course in UG. As continuous improvement is one of the most important process in the journey of academic excellence and also plays a critical role in the process of deploying Outcome Based Education (OBE), it is very much essential to adopt some of the new techniques, tools and methods to improve the overall quality of education. Also, It is proposed to improvise the quality of faculty classroom delivery and assessments through series of programs pertaining to "Advance Program Assessment: Theory to Practice" on an ongoing basis for continuous improvement. Further, it is proposed to strengthen the industry academia relationship from the current status for overall improvement in the Training programmes design and delivery, to establish industry sponsored laboratories to the possible extent. Name : Dr. R. RAMBABU REDDY Name : Dr. VEMURI LAKSHMINARAYANA Signature of the Coordinator, IQAC Signature of the Chairperson, IQAC