SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

RAJAMAHENDRI INSTITUTE OF ENGINEERING AND TECHNOLOGY

BHOOPLA PATNAM, NEAR PIDIM GOYYI, RAJANAGARAM MANDAL, EAST GODAVARI DIST, AP 533107.
533107
www.rietrjy.co.in

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NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Rajamahendri Institute of Engineering & Technology (RIET) is a premier technical institute established near Pidimgoyyi in Rajahmahendravaram, East Godavari District, AP. RIET has been established by "The Swarnandhra Educational Society" in the year 2008. Since its inception RIET has been offering high quality education in engineering and technology. RIET is affiliated to JNTUK, Kakinada and approved by All India Council for Technical Education, New Delhi and Government of Andhra Pradesh.

The college was started in the year 2008 with an intake of 240 students in 4 branches of B.Tech programme with 60 students each in EEE, ECE, CSE and IT. Mechanical Engineering branch was started with an intake of 60 in the year 2011.

The aim of the institute is to mould and transform the students into disciplined young and talented citizens. Excellent academic environment with good ventilated classrooms and highly equipped laboratories, state of the art infrastructure, peaceful and lush green environment congenial to attain technical knowledge is the salient feature of the college. The institution strives to inculcate behavioral and leadership skills as well as effective communication skills to the students to mould them into an all round personality.

 RIET is gifted with a team of efficient and highly experienced faculty with commitment and dedication to nourish the young minds into eminent and skillful engineers. RIET imparts quality education through exploration and experimentation and generate socially-conscious engineers, embedding ethics and values, for the advancement in science and technology to meet the present challenging innovations of the modern world

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.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Rankers in the list of JNTUK, KAKINADA
- Consistently good academic performance
- Experienced and qualified faculty and their retention
- Transparent, conducive and collaborative work environment
- Innovative teaching-learning practices
- Project Based Learning (PBL) approach
- Entrepreneurship development Cell activities
- State-of-the-art laboratories and infrastructure
- Well equipped central library with adequate collection of books
- Active NSS Program leading to successful extension activities
- Teacher guardian scheme
- CC Cameras in all class rooms

Institutional Weakness

- Consultancy and patents
- Strengthen the alumni association
- Research Center
- Faculty with Ph.D.
- Publications in indexed journals
- Lack of hostel facility for students
- Transportation facility has to be improved

Institutional Opportunity

- There is scope for an inter-disciplinary and collaborative research
- To become centre of excellence in renewable energy
- To develop sports facilities of international standard
- Development of e-learning resources
- Induction of faculty with Ph.D. qualification

Institutional Challenge

- Increasing the number of placements with higher perks
- Bridging the gap between academia and industry
- Attract meritorious students

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

RAJAMAHENDRI INSTITUTE OF ENGINEERING & TECHNOLOGY popularly known as **RIET** is affiliated to the **JNTUK, KAKINADA**. The institute is a self-financing organization and follows the rules, curriculum and standards of the university. Faculty members of the Institution actively contribute to the curriculum designed and strictly execute it by participating and conducting syllabus revision workshops. The main aim of the institute is to provide quality education by innovating and continuously improving upon the disciplines of Engineering through advanced methods of training, meaningful research and intimate relations with business, industry and other institutions in the country. The objectives of the Institute to provide professional education and training to all irrespective of caste, creed, religion, province, faith, gender, political affiliation and financial status. Academic flexibility and bridging the gap between curriculum and industry is achieved by conducting certificate courses, seminars, and tie-ups with leading industries. The institute has four departments which have been created on the basis of area of core specializations ECE, MECH, EEE along with CSE. These departments are not water tight compartments and all programs draw from these departments due to the interdisciplinary nature of the programs offered. The institute encourages self employability by conducting Entrepreneurship Development Programs. The institute caters to the needs of slow learners through extra inputs in remedial classes. Social awareness and community service are inculcated in the students through various National Service Scheme (NSS) activities.

Teaching-learning and Evaluation

The institute has earned its name and fame owed to excellence in teaching and learning processes which is achieved by recruiting competent teaching faculty and designing learning environment and support in tune with stakeholder's perception. The educational model which is a blend of traditional teaching and student centered learning practices such as Project Based Learning (PBL) is designed to suit learner's abilities and diversity. In order to have smooth conduction of teaching, meticulous planning is done prior to the commencement of the semester. Syllabus completion status is monitored periodically. Suggestions by the staff and feedback from students facilitate in continuous improvement in the teaching-learning process. The institute has adopted the reforms in assessment and evaluation patterns. Accordingly, tests are designed and conducted on a regular basis to prepare and assess the student's knowledge and understanding of the technical knowhow being delivered in the classrooms and laboratory sessions. The student's learning outcomes and performance in the semester exams are reviewed and monitored by Academic Monitoring Committee (AMC) to assess academic progress of the institute.

Research, Innovations and Extension

The institute has established a Research and Development (R&D) cell to promote research and consultancy in several areas. The Research Committee comprises of a Chairman, Dean (R&D) and faculty as committee members who monitors and recommends research projects and fabrication projects. The best practices will be implemented as recommended by the committee with proper funding. The institute provides seed money for the commencement of the research. The faculty is duly recognized and encouraged to participate in various International and National level Workshops and Conferences, to remain abreast with latest knowledge and technology updates. Nearly, 10% of faculty has been granted sabbatical leaves and will be funded for the research work. Institute has made financial provisions in the budget to cater needs of the research. Students will be motivated and encouraged by the faculty members and the management to pursue industry sponsored projects. Institute has upgraded infrastructure by providing space for project labs, and research labs. Institute has purchased various equipment and software for the needs of the research. Significant growth in Ph.D. scholars and staff publication indicates institute's commitment towards research. Furthermore, the institute has

published proceedings of the research work carried by inside and outside faculty. The students are made aware of their social and moral obligations towards society through techno-social activities under NSS. The institute has collaborations with reputed industries, national and international institutions and universities.

Infrastructure and Learning Resources

The institution has an adequate number of classrooms, laboratories, workshops and tutorial rooms. Each classroom is equipped with state-of-the-art facilities. The institute has sufficient seminar halls which are used for multiple activities such as seminars, workshops, and conferences. Various sports facilities are available to students with grounds for volleyball, badminton and cricket. The central library (main and digital) has an excellent collection of books, references, journals, magazines and a book bank facility. It is equipped with e-resources (NPTEL etc.) and has a reading hall having a seating capacity of over 200 students. The laboratories are equipped with modern equipments, machinery, computer hardware and software required for both academic and research. The campus is totally under CC camera surveillance. All the class rooms in the campus are equipped with CC cameras and the proceedings going on in the class will be continuously monitored. The maintenance of institution and campus facilities are carried out and monitored by central maintenance office and administrative office. Appropriate funds are made available in the annual budget for it, and its utilization is monitored by the campus committee and accounts department.

Student Support and Progression

The institute has an annual intake of 360 students with a total strength of 1400 students coming from diverse geographical locations of the region. In order to cater to the needs of students, Faculty Counselor (FC) scheme is followed. Each FC is assigned to a batch of students who monitor the academic, non-academic and personal progress of the students, which helps to improve pass percentage as well as skill development of the students. The FC 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. The Training & Placement (T&P) cell of the institute provides career guidance and organizes campus recruitment drives for the students and counsels the students for placement activities through various initiatives such as online assessment tests, communication guidance and basics on Software courses and required skills to all the qualified students. Every year alumni meet is arranged; who provides feedback on developmental activities of the institute. Every year institute conducts several sports, extracurricular and co-curricular activities for overall development of the students. Students have representation in various associations along with an active participation in their Department Association activities. All student bodies are encouraged to provide constructive feedback on the institutional academic and administrative environment. All relevant information is available on the institute website for the students and parents.

Governance, Leadership and Management

The mission and vision of institute are designed in harmony with higher education policies of India. The institute has the governing body works under the SWARNANDRA EDUCATIONAL SOCIETY, which is lead by the academicians and philanthropists. The Management governing body committee actively involves in the decision-making process as well as execution of the plans at various levels. Periodical interactions are made with all stakeholders for strategic planning and monitoring of policies and for decision makings and improvements. The various institute level committees are comprised of the Principal, Heads of Departments,

senior faculty, and student representatives for grooming the leadership at various levels. The institute organizes Annual Technical Festival, the annual social gathering, workshops, seminars and conferences for the overall development of the students and in making them to actively participate and to indulge and inculcate leadership qualities among the students. The institute has adequate budget provision for the academic activities and its mobilization is monitored by the institute to ensure optimum utilization of the budget. The regular internal audit is carried out by the management. The institute is autonomous in the decision-making process, planning for strategic development, deployment for perspective plan document and execution of the ideas and reconstruction. The faculty appraisals are designed considering various parameters of the teaching-learning process. Improvement in the qualification is appropriately appreciated through scale improvement and promotion.

Institutional Values and Best Practices

The institute is committed for adopting environment-friendly policies with regards to the plantation, waste management, use of solar water heating system, use of renewable energy resources and water harvesting. Institute has started many innovative programs which have helped the institute to grow and create positive impact and improvement in academic culture. These mainly include Value Addition Programs, Skill Development programs and Remedial classes. The formation of Industry-Institute Interaction Cell (IIIC) has added an extra impact on the industry-institute interactions and placements along with the work environment learning to the students. The foremost best practices are the implementation of Project Based Learning (PBL) and the Student Training Program (STP) in order to enhance the employability of students. The PBL is implemented through Lab innovations, design experiments, major and minor projects, research projects, industrial projects. The STP is spread over seven semesters spanning the areas from soft skills, behavioral skills, leadership skills and technical skills and interview skills.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	RAJAMAHENDRI INSTITUTE OF ENGINEERING AND TECHNOLOGY
Address	BHOOPLA PATNAM, NEAR PIDIM GOYYI, RAJANAGARAM MANDAL, EAST GODAVARI DIST, AP 533107.
City	Rajamahendravaram
State	Andhra Pradesh
Pin	533107
Website	www.rietrjy.co.in

Contacts for Communication					
Designation	**Name**	**Telephone with STD Code**	**Mobile**	**Fax**	**Email**
Principal	P G RAMANUJAM	0883-2006066	9553911355	-	office@rietrjy.co.in
IQAC Coordinator	R RAMBABU REDDY	0883-2440866	9440218157	-	rambabureddy.rampatruni@gmail.com

Status of the Institution	
Institution Status	Private

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details

Date of establishment of the college	28-06-2008

University to which the college is affiliated/ or which governs the college (if it is a constituent college)		
State	**University name**	**Document**
Andhra Pradesh	Jawaharlal Nehru Technological University,Kakinada	View Document

Details of UGC recognition	
Under Section	**Date**
2f of UGC	
12B of UGC	

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	**Recognition/Approval details Institution/Department programme**	**Day,Month and year(dd-mm-yyyy)**	**Validity in months**	**Remarks**
No contents				

Details of autonomy	
Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	Yes
If yes, has the College applied for availing the autonomous status?	No

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	**Address**	**Location***	**Campus Area in Acres**	**Built up Area in sq.mts.**
Main campus area	BHOOPLA PATNAM, NEAR PIDIM GOYYI, RAJANAGARAM MANDAL, EAST GODAVARI DIST, AP 533107.	Urban	10.26	16000

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	**Name of Programme/Course**	**Duration in Months**	**Entry Qualification**	**Medium of Instruction**	**Sanctioned Strength**	**No.of Students Admitted**
UG	BTech,Computer Science And Engineering	48	Intermediate	English	120	87
UG	BTech,Electronics And Communication Engineering	48	Intermediate	English	120	99
UG	BTech,Electrical And Electronics Engineering	48	Intermediate	English	120	58
UG	BTech,Mechanical Engineering	48	Intermediate	English	120	29

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0				0				0
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit				0				0				0
Sanctioned by the Management/Society or Other Authorized Bodies				9				16				70
Recruited	9	0	0	9	14	2	0	16	46	24	0	70
Yet to Recruit				0				0				0

Non-Teaching Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				64
Recruited	43	21	0	64
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				64
Recruited	43	21	0	64
Yet to Recruit				0

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				24
Recruited	22	2	0	24
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				24
Recruited	22	2	0	24
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	9	0	0	0	0	0	0	0	0	9
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	14	2	0	46	24	0	86

Temporary Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	**Male**	**Female**	**Others**	**Total**
	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	758	0	0	0	758
	Female	602	0	0	0	602
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	8	9	12	8
	Female	9	7	13	4
	Others	0	0	0	0
ST	Male	0	0	1	0
	Female	1	1	0	0
	Others	0	0	0	0
OBC	Male	41	47	52	32
	Female	34	44	46	31
	Others	0	0	0	0
General	Male	58	53	72	43
	Female	68	111	105	66
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		219	272	301	184

3. Extended Profile

3.1 Programme

Number of courses offered by the institution across all programs during the last five years

Response : 4

Number of self-financed Programmes offered by college

Response : 4

Number of new programmes introduced in the college during the last five years

Response : 0

3.2 Student

Number of students year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1058	1153	1164	1224	1272

Number of seats earmarked for reserved category as per GOI/State Govt rule year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
240	240	240	210	210

Number of outgoing / final year students year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
243	298	342	332	281

Total number of outgoing / final year students

Response : 1423

3.3 Academic

Number of teachers year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
178	165	138	129	110

Number of full time teachers year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
178	165	138	129	110

Number of sanctioned posts year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
178	165	138	129	110

Total experience of full-time teachers

Response : 1152

Number of full time teachers worked in the institution during the last 5 years

Response : 720

3.4 Institution

Total number of classrooms and seminar halls

Response : 36

Total Expenditure excluding salary year wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
213	245	295	349	286

Number of computers

Response : 390

Unit cost of education including the salary component(INR in Lakhs)

Response : 0.34586

Unit cost of education excluding the salary component(INR in Lakhs)

Response : 0.16412

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The institution ensures effective curriculum delivery through a well planned and documented process

Response:

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, after completion of admissions, with the commencement of first year B.Tech class work the college conducts Parents Meet and Induction program. Wherein the first year students along with their parents are given an interactive orientation program regarding the curriculum of the first year B.Tech course. The Principal of the college conducts meetings regularly with the Heads of Department. The Heads of Department present the ppt's about road map of total program courses to the students. 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 and class in charges are appointed. 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 file which contains academic calendar, syllabus copy, lesson plan, unit wise class material, unit wise assignment questions, University questions and award 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 students so as to take necessary steps for their better understanding of the subjects and the faculty to overcome their shortcomings.

1.1.2 Number of certificate/diploma program introduced during the last five years

Response: 0

1.1.2.1 **Number of certificate/diploma programs introduced year wise during the last five years**

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	0

File Description	Document
Details of the certificate/Diploma programs	[View Document](#)

1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years

Response: 3.47

1.1.3.1 Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1	1	1	1	1

File Description	Document
Any additional information	[View Document](#)
Details of participation of teachers in various bodies	[View Document](#)

1.2 Academic Flexibility

1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years

Response: 0

1.2.1.1 How many new courses are introduced within the last five years

File Description	Document
Details of the new courses introduced	[View Document](#)

1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented

Response: 100

1.2.2.1 Number of programs in which CBCS/ Elective course system implemented.

Response: 4

File Description	Document
Name of the programs in which CBCS is implemented	<u>View Document</u>

1.2.3 Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years

Response: 57.58

1.2.3.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
664	680	660	746	617

File Description	Document
Details of the students enrolled in Subjects related to certificate/Diploma/Add-on programs	<u>View Document</u>

1.3 Curriculum Enrichment

1.3.1 Institution integrates cross- cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum

Response:

Gender Sensitization: College has taken an initiative to create increased awareness among students towards gender issues, by conducting a program on gender sensitization for the students of engineering and is effectively implemented by the college. Gender sensitization is about changing behavior and instilling empathy into the views that we hold about our own and the other genders. The aim of this program is to bring definite orientation in the thinking, practices and approach of individuals concerning gender. The program helps the students to get exposed to new laws on gender issues. Guest lectures and seminars with eminent social workers are conducted by the college as a part of gender sensitization. To look after the welfare of all girl students women empowerment cell is formed. Gender equity is attained by conducting programs like seminars, debates, group discussions for both boys and girls on a single platform.

Human values and professional ethics: To instill moral, social and ethical values, the university has prescribed Human Values and Professional Ethics as a subject for engineering students of all B. Tech programs. This subject enables students understand 'what is valuable' for human happiness. It facilitates the students to identify the importance of human values and skills for sustained happiness. The students realize the significance of trust, mutually satisfying human behavior and enriching interaction with nature.

As a part of course enrichment, college conducts number of activities like blood donation camp, Swatch Bharath, awareness programs in the nearby villages for promotion of universal values, national values, human values, communal harmony and social cohesion. Code of conduct exists for students, teachers, governing body, and administration including Principal and supporting staff. To inculcate patriotism college celebrates Republic day, Independence Day etc.

Environmental Sciences: Environmental studies is a multi disciplinary academic field which systematically studies human interaction with the environment.. The present course is framed to be a core module for all branches of engineering in the first year. The course is designed to improve awareness and sensitivity towards the environment as a whole and to become environmental responsible citizens. The course is multidisciplinary in nature dealing with environmental studies, Natural Resources: Renewable and non-renewable resources, Ecosystem, Biodiversity and its conservation, Environmental Pollution, Social Issues and the Environment, Human Population and the Environment, Pollution control Acts and Field Work. Course enrichment programs are done with the help of NSS wing. Plantation programs, Swatch Bharat programs, awareness of not using plastic, awareness of renewable energy sources, conservation of water and electricity are few such programs related to environmental sciences.

1.3.2 Number of value added courses imparting transferable and life skills offered during the last five years

Response: 5

1.3.2.1 Number of value-added courses imparting transferable and life skills offered during the last five years

Response: 5

File Description	Document
Details of the value-added courses imparting transferable and life skills	[View Document](#)

1.3.3 Percentage of students undertaking field projects / internships

Response: 56.33

1.3.3.1 Number of students undertaking field projects or internships

Response: 596

File Description	Document
Institutional data in prescribed format	View Document
List of students enrolled	View Document

1.4 Feedback System

1.4.1 Structured feedback on curriculum obtained from 1) Students 2) Teachers 3) Employers 4) Alumni 5) Parents For design and review of syllabus semester wise/ year wise
A.Any 4 of the above

B.Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: A.Any 4 of the above

File Description	Document
Any additional information	View Document

1.4.2 Feedback processes of the institution may be classified as follows:
A. Feedback collected, analysed and action taken and feedback available on website

B. Feedback collected, analysed and action has been taken

C. Feedback collected and analysed

D. Feedback collected

Response: B. Feedback collected, analysed and action has been taken

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years

Response: 0.05

2.1.1.1 Number of students from other states and countries year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1	0	0	2	0

File Description	Document
Institutional data in prescribed format	[View Document](#)
List of students (other states and countries)	[View Document](#)

2.1.2 Average Enrollment percentage (Average of last five years)

Response: 55.45

2.1.2.1 Number of students admitted year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
184	301	272	219	283

2.1.2.2 Number of sanctioned seats year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
480	480	480	420	420

File Description	Document
Institutional data in prescribed format	[View Document](#)

2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Response: 44.44

2.1.3.1 Number of actual students admitted from the reserved categories year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
75	124	108	93	105

File Description	Document
Institutional data in prescribed format	[View Document](#)

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners

Response:

Every student, on admission, shall be put through a mandatory induction training to build up, the fundamental and basics concepts, programming language and soft skills program that are required for the technical education. The initiation program for students will help them to adjust to the new environment and educate in them. This will promote excellence and bonding amongst the students, build relations between teachers and students, give a broader view of life, develop a sense of responsibility and improve their character building. As per the guidelines of AICTE and JNTU Kakinada, RIET has introduced and implemented the initiation program, scheduled for three weeks. The bridge courses are conducted to the students for covering the course for both regular students in the first year as well as students admitted directly into the second year as lateral entries.

Remedial classes are conducted in the extra hours to the slow learners for improving their academic performance. RIET provides extra hours for slow learners where the teachers devote extra and quality time to academically weak students at their own initiative. The teacher strictly monitors day to day working of student in the extra hours. The teacher also gets time to preach and inculcate moral values among the students. Advanced learners are the given opportunity to go through NPTEL videos and MIT lectures to improve their conceptual skills. Here with the template formats of initiation program schedule, remedial class work and bridge class work are attached.

2.2.2 Student - Full time teacher ratio

Response: 5.94

File Description	Document
Institutional data in prescribed format	[View Document](#)

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Response: 0

2.2.3.1 Number of differently abled students on rolls

File Description	Document
Institutional data in prescribed format	[View Document](#)

2.3 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Response:

The institution in tune with its vision has facilitated an environment for the overall development of the students which would improve their academic and social life with par knowledge and management skills. In addition to the usual methods,

- Lectures are delivered using LCD projectors, OHP projectors, working/demonstration models, visual charts and E-classrooms.
- Remedial classes are conducted by the institution to improve the academic performance of weak learners.

- The institution encourages every individual to participate in national and international conferences, seminars and academic activities.

- The college alumni take active part in inviting guest speakers from their domain to motivate the students and faculty of their academy.
- Guest-lectures by the leading industrialist, academicians and reputed personalities are organized by the college to educate technical as well as business development skills.

- Classes are conducted in laboratory to help students visualize the concepts.

- Practical applications beyond the academic syllabus prescribed by the university are used for

teaching.

- Interactive session like group discussions, role play, seminar, quiz and debate are conducted to strengthen their participative learning.
- Assignments are given to students and they are encouraged to prepare their question banks related to particular subjects.
- Students are encouraged to take up mini projects, main projects and internships both in and outside the institution with the latest technologies to improve their problem solving skills.
- Industrial and field visits are organized for the students by the organization.
- The students are encouraged to actively participated in IEEE, IE (I), IETE and CSI etc, to communicate with the outside world.
- The central library of the institute contains a vast collection of textbooks, magazines on technical subjects, journals, e-books, NPTEL study material, project reports and biographies of prominent people.

- A digital library with internet access is made available for the student use for preparing paper presentations, assignments and project works.
- Apart from the regular time, Library hours are allocated to the students to utilize the library facilities thereby improving their learning skills.
- Training classes on Personality development and communication skills are conducted by the institution for the students to enhance their life skills.
- The faculty prepares the brochures as per the Guidelines of IQAC, to spread awareness on various issues like health, ecological concerns and communication skills.

- An active student participation in NSS and Sports is encouraged by the institution for the overall development of students.

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

Response: 50

2.3.2.1 Number of teachers using ICT

Response: 89

File Description	Document
List of teachers (using ICT for teaching)	[View Document](#)

2.3.3 Ratio of students to mentor for academic and stress related issues

Response: 11.76

2.3.3.1 Number of mentors

Response: 90

File Description	Document
Year wise list of number of students, full time teachers and students to mentor ratio	View Document

2.3.4 Innovation and creativity in teaching-learning

Response:

- New faculty are encouraged to participate in Faculty Development Programs from time to time intensify the learning experience of the students.

- Staff are motivated to publish papers in National and International reputed journals and participate and present research papers in National level and International Level Seminars, Conferences, Workshops etc.

- The members of the faculty use online video lectures such as NPTEL, Alison, SWAYAM, MIT Press and Stanford University for delivery of lectures and students are encouraged to use the same.

- The students, who are passionate are given opportunity to make practical and effective use of the laboratory facilities in the campus to create their own applications and carry forward their research activities.

- Students are encouraged to involve in Projects related to competitions and workshops related to core disciplines such as HACKATHONS, Cloud Computing, App Development, Robo Race, Project Expo, Robocon, Auto Quiz conducted in and outside of the college to gain practical experience. Students are encouraged to participate in several competitions conducted by IIT, IIIT, NIT, JNTUK and other controls State and Deemed Universities and affiliated colleges.

- The Management and the faculty members motivate and encourage the students to participate in the Tech Fests, Youth Fests and cultural activities conducted in various parts of the country mainly to improve their organizational and leadership skills and help them to develop creativity and critical

thinking.

- New innovative ideas from the students are encouraged and rewarded if they stand to be inventive with practical application.

- Students are motivated to go for internship and take up industry oriented projects.

- The College conducts seminars, debates, elocution competitions on different topics to improve Listening Speaking Reading and Writing skills of the students and explore new ideas.

- Students are encouraged to participate in the social activities and sports to improve their interpersonal and team skills.

- The College Management invites eminent scientists, entrepreneurs, industry persons and acadamecians to share their experiences and success stories with students.
- The college alumni meet is conducted once in a year. The Alumni interact with the existing batches and share their ideas as entrepreneurs, industrialists and professionals which in turn motivates the students of how to shine in their future.
- Faculty share the practical ideas with students for incorporating more active learning into their teaching and provide interaction that includes a high percentage of class time with hands-on and problem solving opportunities to students.

The above mentioned practices are supported by the management to develop and improve the standards of the students for their development and successful career.

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 100

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document
List of the faculty members authenticated by the Head of HEI	View Document

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

Response: 2.26

2.4.2.1 Number of full time teachers with Ph.D. year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
4	3	3	3	3

File Description	Document
List of number of full time teachers with PhD and number of full time teachers for 5 years	View Document

2.4.3 Teaching experience of full time teachers in number of years

Response: 6.47

File Description	Document
List of Teachers including their PAN, designation,dept and experience details	View Document

2.4.4 Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

Response: 2.78

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
2	0	1	1	0

File Description	Document
Institutional data in prescribed format	View Document
e-copies of award letters (scanned or soft copy)	View Document

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

Response: 5.93

2.4.5.1 Number of full time teachers from other states year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
10	8	10	6	8

File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	View Document

2.5 Evaluation Process and Reforms

2.5.1 Reforms in Continuous Internal Evaluation(CIE) system at the institutional level

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 from the academic year 2016-17 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. Prefinal exams are conducted for I year students which serves as a prologue to the university end semester examination. Continuous assessment in practical subjects: For practical subjects, there should be a continuous evaluation during the semester for 25marks 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, day-to-day 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 in student record. As part of the internal assessment of projects which are done in III & IV years, RIET follows the following framework. Project Review Committee (PRC) is formed for every department consisting of Head of the Department, Project Incharge and two senior faculty members to identify the projects. Students are formed into 2 or 3 for 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.

2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety

Response:

Academic evaluation:

The institution is affiliated to JNTU Kakinada and hence governed by its rules. The rules and regulations pertaining to the assessment is communicated to the students every now and then through university syllabus book, circulars and by faculty members. Every subject (theory and labs) is assessed through internal and external exams. As per affiliating university norms Internal and external examinations are conducted for 30 and 70 marks respectively. Two internal examinations are conducted for each semester. The internal examination is designed to the point that they test the subject learning of the student, as well as his/her systematic and critical thinking abilities. Each internal assessment through the tests carries 25 marks (15 for subjective + 10 for objective). The best of 2 tests is considered. The assignments carry 5 marks.

The mid marks are displayed on notice board. Complete transparency is maintained during the process of internal assessment, by returning the evaluated scripts to the students to empower them check the marks and to draw the consideration of the teacher to the inconsistency, if any, either in awarding marks or totaling of marks.

Seminar and project work for UG are evaluated based on the strength of independent study, communication skills and presentation.

Teacher evaluation in class tests, unit tests, projects and seminars is also done with complete transparency

so as to allow student self-assessment of his performance

Overall assessment:

The performance of the student and institutional assessment is done at different stages

1. Continuous assessment:

By assessment in university prescribed examinations, projects, attendance, performance in co-curricular activities in institute, mentor inputs, participation in extracurricular activities like sports and NSS. The results of all the assessments are communicated to the students via notice board display, personal counseling and progress reports. The same is communicated to the parents during meetings to update on their wards progress.

2. Program end assessment:

Course outcome, placements, exit survey, feedback from students, parents, alumni and employers. The results of the assessment are analyzed for gaps, deficiencies or successes and documented for implementations of new / same initiates for progression of the institution.

The outcomes are evaluated at every stage by the IQAC and are presented before the college academic committee and governing body council so as to introduce quality initiatives for the stakeholders.

2.5.3 Mechanism to deal with examination related grievances is transparent, time-bound and efficient

Response:

2.5.3 Mechanism to deal with examination related grievances is transparent, time-bound and efficient

Response:

Principal of the college acts as Chief Superintendent of Examinations. Two faculty members are appointed as Examination In-charge and Assistant Examination In-charge for conducting UG Examinations. Sufficient number of clerical staff is designated solely for the examination section. Operations are computerized by obtaining the required number of PCs along with a server, high speed xerox machines and approved software. All these have helped in streamlining the examination system there by, enhancing the effective working of Examination section.

The grievances with reference to assessment are dealt with transparently and efficiently as mentioned below:

At Departmental Level:

Continuous evaluation of students is carried out by HOD and faculty regarding theory lectures, labs and assignments.The HOD, class teachers and individual faculty coordinate with the Examination section relating to activities like internal exams both online and theory, evaluation of papers, display of marks and modifications if any and the university examinations.

At College level:

Examination In-charge will communicate and coordinate with other colleges relating to the conduct of external examinations through jumbling system being implemented by the university. The Exam Section will be solely responsible for dealing with and solving all kinds of exam related issues, problems and grievances. The Network administrator will schedule the online examinations according to the university exam time tables. All measures are taken for the smooth conduct of the university examinations as per the schedules.

The internal examination theory papers are shown to the students for the divergences, if any, to be brought to the notice of faculty member who is dealing with concerned subject. The final marks obtained are displayed in the department notice board for the students. Any deviation in the marks shall be brought to the notice of the concerned subject teacher and HOD by the student for necessary modification. The final marks are submitted to the examination section for uploading.

At University level:

Examination online form filling, exam seat allotment, results, photocopy, revaluations etc. are coordinated by exam section with the university. The result queries, printing mistakes of mark sheets, corrections if any are handled at university examination section after forwarding such queries through the college examination section.

The student is permitted to apply for revaluation and Challenge Revaluation in theory subjects by paying the prescribed fee to the university. The university will take up all such applications and re-evaluate the scripts by experienced subject faculty. If there is any improvement, the improved marks will be considered.

Challenging revaluation is carried out by two subject experts in the presence of student at the university. If the improvement in total marks is greater than previous marks, the improved marks will be treated as final marks in that subject. If the improvement is more than 12 marks the fee paid by the student would be refunded and improved marks are treated as final marks.

2.5.4 The institution adheres to the academic calendar for the conduct of CIE

Response:

The academic calendar issued by the affiliating university forms the basis for designing the college academic calendar. To improve the academic standards special hours 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 second 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 and scheme of valuation to the examination cell. The exams are conducted by the examination cell as per rules set by the affiliating university. Online examinations are also conducted on the same day by downloading the question paper from the university exam portal adhering to the time frame set by the university. As the above mentioned activities are only during specified periods, the other days are allocated for instruction of classes as per subject and no of hours of instruction prescribed by the university and quality initiatives.

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 on website and communicated to teachers and students

Response:

The institution has clearly stated all program outcomes, program specific outcomes and course outcomes for all programs. The faculty and alumni are actively involved in preparing program outcomes, program specific outcomes and course outcomes of all programs in the institution. The course outcomes of all the programs are publicized to the students and staff by displaying in the website of the institution. Individual copies of the syllabus book are distributed to all the students which contain details of the course outcomes. Syllabus books are also available in the library for student access. Orientation program for all the new

students and for their parents is conducted every year at the commencement of the academic year to educate about all course outcomes. At the commencement of the academic year, all the faculty members will prepare the course files and laboratory manuals. The course files contains Department's vision, mission, course syllabus, individual time table, unit plan, lesson plan, course plan, unit wise material, direct and indirect assessments, student grading sheet, surveys/feedbacks collected from students. Each faculty takes responsibility as a mentor, counselor, facilitator, guide, assessor, evaluator, learner, and finally as a teacher in OBE system. The institution collects the feedback from the students on course structure, infrastructure, faculty, information resources, evaluation, and the overall OBE system, to establish quality and continuously improve the program.

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Response:

Program outcomes are declared for each program offered by this college. The learning outcomes are printed in Course structure in hand book form which is given to the students at the beginning of the course work. Further, they are also reproduced in handouts which shall be given at the starting of respective semester. Learning outcomes are exhibited in the respective departments and also displayed in the college website. The Program outcomes are presented and discussed with all the staff members by the Head of the Department in department meetings. The particular outcomes of Programs are discussed in the class rooms by Head of the Department and faculty members during the commencement of every semester to train all the students on how to achieve these outcomes by the end of the course work of corresponding programs. Program specific outcome is estimated by the parameters such as the percentage of marks / CGPA and number of backlog subjects in each semester and accordingly remedial classes are arranged. Feedback on learning outcomes of theory and laboratory subjects are captured at the end of each semester and evaluated on a 5 - point scale. Course outcomes are clearly specified for each course, both theory and laboratory. Interaction with the industry is organized by way of regular industrial visits, implementing industry oriented projects. Creative and challenging problems are given as home work and group assignments to the students. The achievement of course outcomes is supervised through the performance of students in their internal and semester end examinations, assignments, etc. Course end survey is organized on program outcomes at the end of course work and is evaluated on a 5 - point scale. Alumni feedback is taken from alumni every year and is evaluated on a 5 - point scale. Feedback from employers of our students is also collected and estimated. The data collected from all the above sources is analyzed to determine the extent of achievement of program specific outcomes at department level and college level. The estimate is used for enhancements year-after-year by adopting new procedure to overcome the flaws, if any, in achieving the stated program outcomes.

2.6.3 Average pass percentage of Students

Response: 68.58

2.6.3.1 Total number of final year students who passed the university examination

Response: 1013

2.6.3.2 Total number of final year students who appeared for the examination

Response: 1477

File Description	Document
Institutional data in prescribed format	[View Document](#)

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response:

File Description	Document
Database of all currently enrolled students	[View Document](#)

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants for research projects sponsored by government/non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years

Response: 0

3.1.1.1 Total Grants for research projects sponsored by the government/non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year wise during the last five years(INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	0

File Description	Document
List of project and grant details	[View Document](#)

3.1.2 Average number of research projects per teacher funded by government and non government agencies during the last five years

Response: 0

3.1.2.1 Number of research projects funded by government and non-government agencies during the last five years

File Description	Document
List of research projects and funding details	[View Document](#)

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

Response:

The RIET has taken initiation steps for the development of ecosystem for various knowledge transfer methods by establishing Research and Development program, Industry-Institute interaction program to bring awareness among the students.

The Institute has an active Research and Development program. It has undertaken several projects for

various organizations like IPAPPM Ltd. It develops a research mindset in the students and consultancy improves their technical ability along with their academic capabilities. The institution has teaching staff with industrial experience   who are active in research and development. Management encourages the faculty to attend and present research papers in various seminars and conferences. Incentives towards paper presentation, attending R & D orientation workshops, seminars etc. have been initiated to allow faculty improvement and research motivation. Students will learn to use equipment and apply techniques to collect and analyze from aquatic and terrestrial ecosystem.

Management aims to promote working together with industries for the benefit of students. They are encouraged to visit research oriented labs, industries such as IPAPPM Ltd, GVK industry, GSK factory etc. MOU'S are entered with local industries to allow students participation in industries as trainees and prospective employees. Students are encouraged to do their major projects in Government recognized research laboratories, industries and corporate houses. The management also encourages the modern perspective of e-learning eco system to develop digital concept of learning education.

In order to support this initiative training and high-speed Internet access, networking with professional resources, which include mentors and advisors are being established. Students are motivated by giving bonus to best start up ideas and seed fund for initiating the same and expert help is given to realize in terms of nurturing it into reality, like developing proto type working models. Entrepreneur development program in collaboration with AP Small-Scale development Corporation was conducted in the campus towards the same initiative. Guest lectures by entrepreneurs from various parts of the state have rendered their address to motivate the students towards startup culture. Through various research programs students will gain critical thinking, research and planning skills.

3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

Response: 72

3.2.2.1 Total number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
14	17	13	15	13

File Description	Document
List of workshops/seminars during the last 5 years	[View Document]()

3.3 Research Publications and Awards

3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research

Response: No

File Description	Document
Institutional data in prescribed format	[View Document]

3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards

Response: Yes

File Description	Document
List of Awardees and Award details	[View Document]
e- copies of the letters of awards	[View Document]

3.3.3 Number of research papers per teacher in the Journals notified on UGC website during the last five years

Response: 0.09

3.3.3.1 Number of research papers in the Journals notified on UGC website during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
40	13	6	2	8

File Description	Document
List of research papers by title, author, department, name and year of publication	[View Document]

3.3.4 Number of books and chapters in edited volumes/books published and papers in national/international conference proceedings per teacher during the last five years

Response: 0.08

3.3.4.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
3	1	3	3	1

File Description	Document
List books and chapters in edited volumes / books published	[View Document](#)

3.4 Extension Activities

3.4.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

Response:

RIET NSS unit aims at developing amongst students a sense of participation in nation building through Social Work. The NSS plays a vital role in the development of the latent aspects of the student's personality. Since the establishment of the College, RIET NSS unit has been functioning with full vigor and enthusiasm.

The College has NSS Unit (AP10-026) sanctioned by the JNTUK, Kakinada. NSS Funds have been releasing by the JNTUK for every year. College maintains a separate account for NSS Unit. NSS Programme Officer has been taking the responsibility to conduct the NSS activities and NSS accounts are regularly submitted to the University with Utilization certificates.

The faculty and students have been involving in social service activities regularly. Our students were involved in support for conducting elections through electronic voting system in association with the Government agencies.

The faculty, students and NSS Volunteers were involved in creating awareness to the villagers on Cashless transactions during the Digital Literacy Campaign programme which was initiated by the Central Government.

Computers, books and stationery have been regularly donating to adopted village schools and various other rural schools in Rajamahendravaram through NSS.

The college has been generously contributing for the benefit of people suffering from natural calamities as well as for other noble causes. During the devastating cyclones, the college provides substantial relief material in the form of food, clothes and blankets to the needy.

The NSS Unit along with social organizations conducts Health check-up, Eye camps and Dental camps for surrounding villagers and students.

The NSS Unit organizes the community development programs and awareness programmes in villages and schools. Such camps motivate the students and volunteers to understand the rural life, problems of villagers and suggest probable solutions.

The activities such as Swatch Bharath, Clean and Green, Plantation, Cashless Transactions., etc programs have been conducting in surrounding villages through NSS.

The NSS Unit of our institution has been conducting the highly beneficial "Blood Donation Camps" in association with Government Hospital and Sanjeevani Association in Rajamahendravaram.

Our NSS Unit has been mobilizing blood donors in our students for the last five years. We have been conducting blood donation camps every year, not alone, also in the time of need, to save precious human lives, we send voluntary blood donors (our students) to hospitals to donate blood.

Our Regular Activities at a Glance

- Free medical camps
- Blood Donation Camps
- Dental Camp, Health Camp & Eye Camp

- Personality Development Programmes.
- Meditation and Yoga Training Programmes
- Conducting Traffic Awareness Programmes
- Conducted rallies for different social awareness themes in association with other social organizations
- Tree Plantation and Clean and Green Programmes
- Orientation and Awareness Programmes

Special Camping Programme

Special Camping has special appeal to the youth as it provides unique opportunities to the students for group living, collective experience sharing and constant interaction with community. Every year 50 volunteers of each NSS unit are expected to participate in special camp which is of seven days duration.

3.4.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

Response: 4

3.4.2.1 Total number of awards and recognition received for extension activities from Government /recognised bodies year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1	1	1	1	0

File Description	Document
Number of awards for extension activities in last 5 years	View Document
e-copy of the award letters	View Document

3.4.3 Number of extension and outreach programs conducted in collaboration with industry, community and Non-Government Organisations through NSS/NCC/Red cross/YRC etc., during the last five years

Response: 15

3.4.3.1 Number of extension and outreach programs conducted in collaboration with industry,community and Non-Government Organisations through NSS/NCC/Red cross/YRC etc.,year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
5	1	3	3	3

File Description	Document
Number of extension and outreach programs conducted with industry,community etc for the last five years	View Document

3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

Response: 32.05

3.4.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
798	190	195	190	459

File Description	Document
Average percentage of students participating in extension activities with Govt. or NGO etc.	View Document

3.5 Collaboration

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

Response: 21

3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
2	3	5	9	2

File Description	Document
Number of Collaborative activities for research, faculty etc.	View Document

3.5.2 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 22

3.5.2.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	1	9	12

File Description	Document
Details of functional MoUs with institutions of national, international importance,other universities etc. during the last five years	View Document
e-copies of the MoUs with institution/ industry/ corporate house	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.

Response:

The Institution has a clear policy for establishing and enhancing infrastructure facilities for teaching learning process.

The campus is housed in a sprawling area of 10.26 acres of land surrounded by green and serene environment .With a built-up area of one lakh sixty thousand sq.ft, incorporating various departments, playgrounds and sports complex and all the amenities, the campus offers a fabulous atmosphere - conducive for idealistic learning ambience.

The Governing Body of the Institution meet, frequently to approve and sanction the budget proposals put forward by the departments through the head of the institution for improvement of infrastructure and other facilities.

Details of the infrastructure facilities

- Class rooms/ Tutorial rooms -32
- .Seminar Halls-2
- ·English Language lab-1
  - Drawing halls-2
  - ·Library is provided with book volumes more than 26,936; titles more than 3100 and journals 40. We have an access to online reference material, DELNET and online journals.

- ·Departmental library: 06
- ·Conference Room-1
- Digital Library-10 systems

- Internet with 40MbPS and Wi-Fi connectivity
- Over 390 Computers connected in LAN

- ·Placement cell
- ·Reprographic facilities
- 82.5 kVA generator
- ·11 KVA dedicate power line
- ·Medical centre
-
- ·Transport Facility with 23 Buses

- Open air auditorium

- Two seminar halls

- ·One Board Room
-
- Volley Ball court
- Shuttle Court
- Cricket Ground
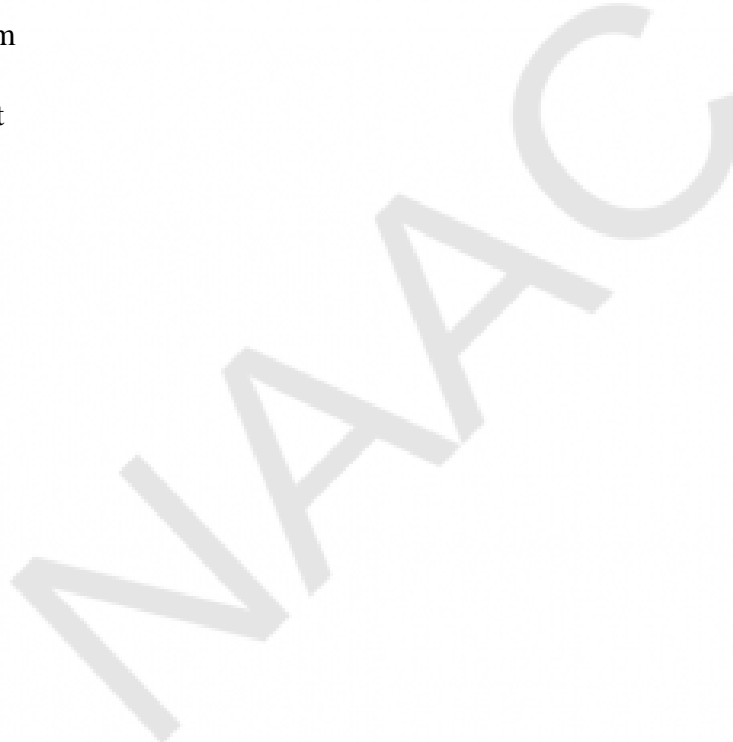
All the infrastructrural and academic facilities are housed in three Blocks with 4 floors in each block and a separate shed for Mechanical Labs and Workshop.

Block-1

This block houses Administrative Office, Examination Cell, Principal's Room, CSE Staff Room, Seminor hall, ECE Staff Room, ECE Laboratories, ECE Class Rooms, H&S Staff Room, Library, Diploma Class Rooms, Diploma Staff Room

Block-2

This block houses CSE Class Rooms, CP lab-1, CP lab-2, Waiting Hall, CP lab -3, First year Class Rooms, English Lab, Physics Lab, Chemistry Lab, Drawing Hall.

Block-3

This block houses Board of Directors Room, Mechanical Workshop, Ladies waiting Hall, Electrical Labs, Stores, Diploma Staff Room, Diploma Class Rooms, Power System Labs, EEE Staff Room, EEE Class Room, Mechanical Staff Room, Mechanical Class Rooms, ECE labs,

Workshop Shed 1

This houses Fluid Mechanics & Hydraulic Machinery Lab, Machine tools lab and Instrumentation lab.

Workshop Shed-2

Thermal Engineering lab, Strength of materials Lab, Theory of machines lab

Specialized facilities:

The college has exclusive English communication skills lab with 32 systems of Pentium i3 configuration and Globerena English language software to enhance the soft skills and communication skills of the students.

Smart classes are setup in each department to expose the students to computer based learning.

The Digital library hosts 5 nos i3 Pentium systems with internet facility with a vast array of e-books and journals

To aid students in preparation for assignments, projects, presentation and self-learning , reference books for every subject and general books related to GATE and other competitive exams are available and accessible in library.

4.1.2 The institution has adequate facilities for sports, games (indoor, outdoor) gymnasium, yoga centre etc. and cultural activities

Response:

4.1.2 The institution has adequate facilities for sports, games (indoor, outdoor) gymnasium, yoga centre etc. and cultural activities

Response:

Sports, outdoor and indoor games:

The college was always enthusiastic and encourages the students to actively participate in games and sports apart from the academics. College frequently conducts sports and games on their own interest. Sometimes there is a participation of out side funding bodies by conducting sports meet, refreshment programs to provide a physical relaxation for the students.

The college has enough playground for physical activities and cultural activities .it has a cricket play ground and cricket playing kit, volleyball playing.

The college has sufficient infrastructure for physical education and its activities. The college gives pre-publicity and announcements of conducting the sports and games to the students and by displaying them in the notice boards and by sending the circular to all the departments and class rooms. The responsibilities and due duties are distributed among the faculty members for promoting and conducting the programs.

The college encourages the students to participate in inter college meet and state level and national level games by providing participation fees, travellingallowance, and other expenses. more number of students are participated in different events conducted by the college and other sports and cultural meets.

The college interestingly and actively promotes all the extracurricular activities to enhance and inculcate the self-knowledge, expression and personality development, courage and social interaction is developed among the students. We are providing some qualified physical directors to look after the day to day games and sports activities in the college.The students of our institution have participated in statelevel,national level and international level and won the prizes. The institution also contributing for various programs and encouraging the students in all activities.

Yoga classes are conducted by theexpertise yoga trainers periodically to make the students mentally and physically strong.so that they can concentrate in their studies and can attain a good result. National yoga day and national sports days are sincerely recognised by the institution.to remember the importance of these days to the students and to the community.

The college has a NSS unit which was led by experienced faculty. This unit conducts different types of social and cultural events to inculcate the students in different activities. Previously this unit conducted training program on yoga and meditation, and several blood donation camps and conducted soft skills training programme by M.M. Sastry, who is a certified soft skill trainer approved by Jawaharlal Nehru technological university Hyderabad. He is also certified trainer approved by Andhra Pradesh state council of higher education.

NSS conducted several programs from2012-2017 few of them are

2012-2013 - pro expo 2k12 on engineer's day

2013-2014- technowiz 2k 13

2014-2015- Techno zest on engineer's day

2015-2016- Machanico 2k 15

2016-2017- Tech fest 2017 etc.

The campus is in a serene atmosphere to encourage the students in cultural activities and other recreational programmes

4.1.3 Percentage of classrooms and seminar halls with ICT - enabled facilities such as smart class, LMS, etc

Response: 88.89

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 32

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	[View Document](#)

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

Response: 11.26

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
30	22	10	48	46

File Description	Document
Audited utilization statements	View Document
Details of budget allocation, excluding salary during the last five years	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS)

Response:

4.2.1 Library is automated using Integrated Library Management System (ILMS) Response:

The college has an excellent conventional library with over 27,000 volumes and 3200 titles as well as a sophisticated digital library with access to study and reference materials, e-books and journals with over 300Sq.m and seating capacity of 75 members it provides an ambient atmosphere for conducive learning. The library facilities have been fully automated for issues and receipts with all books bar coded.

ILMS soft ware: E-CAP

Nature of automation: Fully

Version: 6.2

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment

Response:

1. The Power of Giving-Azim Jamal,2.You can negotiate anything-Herb Cohen,3.You got one shot at life-Aaron Lumpking, 4. The God of small things-Arundati Roy, 5. Aim for the Stars Reach the Moon-Conor Patterson, 6. Idiots Breaking bad habits-Suzanne Levert, 7. The Miracle of Positive Thinking-Arnold fox, 8. How to Pass Exams- Fred orr Allen F,9. Manu's Absolute a literation The first kind in the world-Hanumantharao, 10. Maximising your memory- Peter Marsh, 11. Biggest Riddle book in the world-Joseph, 12. Practical personality and development-Janardhana Krishna, 13. Life balance the sufi way-Azim Jamal,14.Pass Exams without Anxiaty-Dacid Acres, 15. The right way to improve your memory-Geoffrey Budworth, 16. Steps to Self Confidence-David Lawrance, 17. Conversations with God-Donald Walsch, 18. The Success code-Joe rubino, 19. Key to success & Happiness-Joe Rubino, 20. 52 Ways to live success-Jeanne Sharbuno, 21. The keys to healing-Gaston saint pierre, 22. If Cricket is a Religion, Sachin is God-Vijaya Santhanam, 23. My Experiments with Truth An Autobiography-M.K.Gandhi,24.Kalpana Chawla(A Life)-Anil Padmanabhan,25.The greatest miracle in the World- Mandino, 26. Resumes and Interviews (The art of winning)-Ashraf Rizvi, 27. Spoken English- Sreevalsan, 28. The Monk who sold his Ferrari-Robin Sharma, 29. Letters from a father to his daughter-Jawaharlal Nehru, 30. Winning at Interviews-Edgar Thrope, 31. SUDOKU Easy-Will shortz, 32. Job readiness for IT & ITCS- Anand, 33. 10 Stratagies

winning at Life- Scott Macmillan, 34. Thinking about Thinking-R.K. Ravi, 35. The magic of mind Power-Duncan Mccall, 36. How to Pass Exams, 37. Life is not work work not life-J.Walter smith, 38. Home and the World-Rabindranath Tagore, 39. Master the Mind Monkey-Anand Patkar, 40. Brain Teasers-N.Ravi, 41. Clear Your Past Change Your Future-Lynne D. Finney, 42. The one Minute Sufi-Azim Jamal, 43. Improving your Concentration Skills-Godfrey Harris, 44. Discover your Destiny-Robin Sharma, 45. Job Hunting in a week-Hitton katt, 46. 7Principles for creating your Future-Semradek, 47. Interview Skills-Michael Spiropoulos, 48. How to get whatever you want-Kopmeyer, 49. Count you chickens before they hatch-Arindam, 50. How to overcome Competition-Herbert N.Casson,51. Becoming the complete Champion-Michael J. Herman,52. Anger how to live with and without it-Albert ellis, 53. How to Act Like a CEO-Benton, 54.Grammar Games-Mario, 55.Writing remedies practical exercises Technical writing-Edmond, 56. Family Wisdom-Robin Sharma, 57.In Pursuit of personal Excellence-Ken Shelton, 58. Developing writing Skills-Kalavathi Tiwari, 59. The corporate Sufi-Azim Jamal, 60. Life Balance The Sufi way-Azim Jamal, 61. Oxford practice Grammar-John East Wood, 62. Test your IQ-Ken Russell, 63. Why it's Great to be a Girl-Jacqueline Shannon, 64.Book of IQ tests-Ken Russell, 65. The Assertive Woman-S.Phelps, 66. Thoughts to build on-Kupmeyer, 67. Freedom-Deepak Chopra, 68. The Legend of the light-Joe Rubino, 69. An Introduction to AACR2-Krishna Kumar, 70. 100 Thoughts that lead to happiness-Len Chetkin,71. You Can Win-Shiv Shera, 72.What Employers want but Business Schools don't teach-Amitabh Singh, 73. Chess & Chess Tactics-Morrison, 74. Invincible Thinking-Ryuho Okawa, 75. 52 Ways to live Success-Janne Sbarbuno,76. Planning your career in a week-Wendy Hirsh, 77. Technical writing in the Corporate World-Herman A.Estrin, 78. Every minute Counts-Michael popworth, 79. Gitanjali-Rabindranath Tagore,

4.2.3 Does the institution have the following:

1. e-journals
2. e-ShodhSindhu
3. Shodhganga Membership
4. e-books
5. Databases

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: B. Any 3 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc.	[View Document](#)

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

Response: 4.1

4.2.4.1 Annual expenditure for purchase of books and journals year wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
2.29	2.37	1.95	4.02	9.85

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	[View Document]()
Audited statements of accounts	[View Document]()

4.2.5 Availability of remote access to e-resources of the library

Response: Yes

File Description	Document
Details of remote access to e-resources of the library	[View Document]()

4.2.6 Percentage per day usage of library by teachers and students

Response: 12.14

4.2.6.1 Average number of teachers and students using library per day over last one year

Response: 150

File Description	Document
Details of library usage by teachers and students	[View Document]()
Any additional information	[View Document]()

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

Institution frequently updates its IT facilities including

Wi-Fi Response:

The institution has definite plans and strategies for optimal use and up-grading of IT facilities

Number of computers with Configuration

	INTEL Dual core1.8GHz	INTEL CORE2DUO 2.93 GHz	INTEL DUAL CORE2.6GHz	INTEL CORE2DUO 2.93GHz	INTEL PENTI 3.10GH
No. of SYSTEMS	120	75	65	100	30
PROCESSOR CONFIGURATION	INTE DUAL CORE1.8GHz	INTEL CORE2DUO 2.93 GHz	INTEL DUAL CORE 2.70GHz	INTEL CORE2DUO2.93GHz	INTEL PENTI 3.10GH
RAM	1GB	1GB	2GB	2GB	4GB
HDD	80GB	250GB	320GB	500GB	500GB
DISPLAY DEVICE	17" TFT KEY BOARD MOUSE	15.6" TFT KEY BOARD MOUSE	18.5" TFT KEY BOARD MOUSE	18.5" TFT KEY BOARD MOUSE	18.5" I KEY B MOUS

Computer-student ratio: 1:4

Dedicated computing facility: 40 systems

LAN facility Available: All departments are in LAN connection with internet facility

Wi-Fi facility : Available

CSE MICROSOFT CAMPUS AGREEMENT	WINDOWS OPERATING SYSTEM, MS OFFICE 2016 TURBO C UNIX	FEDORA PYTHON 3.2 PYCHARM IDE JAVA TURBO C TURBOC++	

		LINUX	
		XAMPP	
		PERL	
		RUBY	
		ANDROID STUDIO	
		J2ME	
		UBUNTOO	
ME	ANSYS-17.0 ANSYS AIM ANSYS APDL ANSYS WORK BENCH	AUTOCAD 2015	
EEE	MATLAB		
ECE	XILINX VIVADO MULTISIM 14 MENTOR GRAPHICS -1(HEP-1) MATLAB		

ENGLISH COMMUNICATIONS	GLOBERENA DIGITAL LAB		

Hardware/software

1	LG-DVD WRITER-1
2	D-link 8port switch-1
3	Dlink 24 port switch with SFI port -1
4	Net gear wi-fi wireless router-1
5	LENOVO DVD WRITER-1
6	Rocket make batteries smf 12v-42ah-16
7	Net gear wi-fi wireless router-1
8	Amaraja make batteries smf 12v-42ah-120
9	DWL-3200AP Wireless D-link Router -1
10	WD 1TB Hard disk-2
11	External Dvd Writer Buffelo -1
12	D-link 8port switch-1
13	Canon xerox machine2520-1
14	Web camera-1
15	Epson eb-s03 projectors-4
16	LENOVO Think center E73 desktop-30 no's
17	Cisco 1gp speed 24 port switch-1
18	D-link Owl3200 WI-FI router-1
19	Amaraja make batteries smf 12v-26ah-20
20	2GB RAM DDR3-10

21	canon2900 laser printer-1
22	2TB-WD-Hard disk-1
23	Net gear wi-fi wireless router-2
24	Dlink 24 port switch -1
25	Canon E0s13000 DSLR Camera-1
26	HP MFP M1136 Printer-1

- The institution regularly upgrades the hardware facility as and when need arises.
- Many computers have been changed from Pentium IV to Intel dual Core and Core2Duo to match thepresent requirements.
- New systems have been procured to replace systems that have become obsolete.
- The Computer monitors have been changed to TFT LCD displays.
- Wi-Fi facility has been introduced in the campus to facilitate e-learning.
- Class rooms are being upgraded into smart classrooms for interactive learning.
- Annual Maintenance work is carried out at the beginning of the academic year for the computers and UPS.
- Software licenses are renewed for uninterrupted teaching –learning process.
- All staff rooms and computer based laboratories are provided with internet facility of 40 Mbps through LAN.
- Continuous power supply is made available in the campus so that the students and staff can access the internet without any disruption.
- Students can access study material, lab manuals and question banks offline via a download link available in the college website (http://www.rietjy.co.in /)

4.3.2 Student - Computer ratio

Response: 2.71

File Description	Document
Student - Computer ratio	[View Document](#)

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)
<5 MBPS

5-20 MBPS

20-35 MBPS

35-50 MBPS

Response: 35-50 MBPS

File Description	Document
Details of available bandwidth of internet connection in the Institution	[View Document](#)

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

Response: Yes

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Response: 40.57

4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
50.9	93.8	152.7	169.9	115

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	[View Document](#)
Audited statements of accounts.	[View Document](#)

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Response:

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

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. RIET has the structured system for maintaining the support systems of the institute to allow uninterrupted access to facilities for teaching and learning. 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.

1.**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.

2) Electrical maintenance

Maintenance of UPS systems and its batteries are routinely done by the network administrator. They are regularly maintained under AMC with local vendors. 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..

3)Library committee:

The committee convene twice each year and identify the requirement of books and journals. The

requirements are forwarded to governing council through the principal for sanction and approval.

4).**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.

5) 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. Steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)

The IQAC members regularly conduct audits and report any deficiencies found.

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Response: 73.31

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
970	945	837	776	733

File Description	Document
Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years	[View Document](#)

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Response: 12.31

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
83	40	138	214	266

File Description	Document
Any additional information	[View Document](#)
Number of students benefited by scholarships and freeships besides government schemes in last 5 years	[View Document](#)

5.1.3 Number of capability enhancement and development schemes –

1.For competitive examinations

    2. **Career counselling**

    3. **Soft skill development**

    4. **Remedial coaching**

    5. **Language lab**

    6. **Bridge courses**

    7. **Yoga and meditation**

    8. **Personal Counselling**

A. 7 or more of the above

B. Any 6 of the above

C. Any 5 of the above

D. Any 4 of the above

Response: A. 7 or more of the above

File Description	Document
Details of capability enhancement and development schemes	[View Document](#)

5.1.4 Average percentage of student benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years

Response: 7.8

5.1.4.1 Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
91	55	104	118	90

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	[View Document](#)

5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years

Response: 25.79

5.1.5.1 Number of students attending VET year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
244	298	356	333	283

File Description	Document
Details of the students benifitted by VET	[View Document](#)

5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

Response: Yes

File Description	Document
Details of student grievances including sexual harassment and ragging cases	[View Document](#)

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 37.63

5.2.1.1 Number of outgoing students placed year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
94	136	149	115	72

File Description	Document
Any additional information	[View Document](#)
Details of student placement during the last five years	[View Document](#)
Self attested list of students placed	[View Document](#)

5.2.2 Percentage of student progression to higher education (previous graduating batch)

Response: 2.88

5.2.2.1 Number of outgoing students progressing to higher education

Response: 7

File Description	Document
Details of student progression to higher education	[View Document](#)

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: NET/SLET/GATE/ GMAT/CAT, GRE/ TOFEL/ Civil Services/State government examinations)

Response: 67.31

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/SLET/GATE/GMAT/CAT, GRE/TOFEL/Civil Services/State government examinations) year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
28	62	53	37	41

5.2.3.2 Number of students who have appeared for the exams year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
51	87	64	53	71

File Description	Document
Number of students qualifying in state/ national/ international level examinations during the last five years	[View Document](#)

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) during the last five years.

Response: 19

5.3.1.1 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 wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
4	3	2	2	8

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	[View Document](#)

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Response:

Response:

To inculcate leadership skills, organizing skills and to also play an active part in the day to day academic and co-curricular 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:

20-04-2018 12:24:45

- **Anti Ragging Committee**

Activities: The student representatives in this committee take prudent steps in prevention of any kind of ragging incidents and help the anti-ragging 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.

- **Hostel Committee**

Activities: To ensure that the hostel facilities and the quality of food provided is clean and healthy. one representatives 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.

5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

Response: 1.6

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
2	2	1	2	1

File Description	Document
Number of sports and cultural activities / competitions organised per year	[View Document](#)

5.4 Alumni Engagement

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Response:

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Response:

○ The members of the Alumini association meet every year. The association members convene and

discuss on matters related to alumni and for the development of the college.

○ Department Alumini meets will be conducted individually for discussing and improving the standards.

○ The members of the association who already got placed or working in different organizations recruit or assist the ongoing batch students.

○ There are individual department Association clubs and college committees for connecting the present and passed out students of the college via various social sites

○ However, because of the great affinity shared by the college's teaching and non-teaching staff to students, the graduated class are in consistent touch with the college through different social networking sites.

○ Alumni gatherings are conducted departmentally in the Institute amid the Annual Alumni meet; the database of the alumni is refreshed.

○ Alumni are welcomed for

• The conduction of different workshops, annual gathering and project exhibitions and paper presentations.

• Refreshing the present patterns in the activity markets.

• Spurring the understudies to wind up business people.

• Sharing their encounters.

- Giving direction to the present understudies in the advanced education and business openings.

- The old students association energizes their youngsters by extending monetary

    Awards to meritorious students.

5.4.2 Alumni contribution during the last five years

<1 Lakh

1 Lakh - 3 Lakhs

3 Lakhs - 4 Lakhs

4 Lakhs - 5 Lakhs

Response: ? 5 Lakhs

File Description	Document
Alumni association audited statements	View Document

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

Response: 5

5.4.3.1 Number of Alumni Association /Chapters meetings held year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1	1	1	1	1

File Description	Document
Number of Alumni Association / Chapters meetings conducted during the last five years.	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the institution

Response:

The vision of our institution is to built up a world class foundation whose understudies accomplish perfection in specialized and administrative instruction, with acknowledged social duties to battle the present and looming challenges faced by the business sector and country. Institution mission is to create world class experts by empowering leadership, entrepreneurship through our high caliber of instruction and preparing with a persevering spotlight on personality development

In rising region of research it is to work together with enterprises and research association and exceeds expectations are to be taken. All India council for technical education of Andhra Pradesh state and affiliated to JNTU Kakinada that are reputed the idea of administration of this Institution. This administration are taken the executive directions that are issued by AICTE, JNTUK are entirely taken to this Institution as per vision, mission and quality arrangement proclamations of this administration and the standards gauges frameworks and practices set down. The higher education for government of Andhra Pradesh state council and others are related for directing the administration affairs. The developed strategies and headings that administration body and official body and other administration councils of this Institution, different institutional projects and exercises are to be done and issued by agreeing to the guidelines, frameworks and their strategy and pragmatic are set around the Institution. In this organization the scholastics, financial and general committee next to all around the department of this Institution implement a strict discipline among all staff, faculty and students beside their welfare are mindful by principal of our Institution. In this the education manual is set up with stipulating recruitment strategies , service, benefit ,leave level of administrative system and their practical approach that are incorporating into grievance redressal system and are unmistakably characterized .

Enhancing industry foundation association and their connection with group and society point of view to making arrangements for redesigning the PG courses and research programs. The nature of principles that staff is to be upgraded for academic enhancement for weak students and activity intend to enable the general public and furthermore to enhance the examination competency and showing strategies for getting the review from AICTE, UGC, DST so as to get Memorandum of Understandings with the business gadgets value activity design, and furthermore to quality and approval of this Institution we are directing the basic leadership process for faculty. These are depends on the potentiality of their management skills, greatness, administration and their relationships. In this the system needs to participate every role player for effective decisions to go further level. Different techniques are taken for taking part in system decisions. The understudies are additionally successfully prepared under impact of experienced instructors. It was expressed that both inexperienced and experienced instructors taking part in basic leadership equal apart from qualification. Student related issues, college approach and arranging, spending plan are under administration of the Institution.

6.1.2 The institution practices decentralization and participative management

Response:

A well defined Decentralized governance system is available with sufficient autonomy including all departments and as well as sections in the college. An amount up to Rs.30000/- and Rs.10000/- is permitted to Principal and HOD's respectively for requirements and urgent needs. Work plan to the faculty is assigned through HOD's and will be regularly verifying the syllabus coverage. Programs related to empowerment of students & staff can be organized by the HOD's. 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. These Meeting minutes are recorded for further use. 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. A detailed review of Faculty is made by the meeting held in the months of July and December. December meet will also include current year utilization and expenditure.

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.

Frequent meets of staff with Chairman & Secretary are held to motivate the faculty and to share any kind issues and solutions. Institutional level issues are also discussed and implementations will bw decided here.

6.2 Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

Response:

The foremost in a joint effort with the scholastic council of the school strategize plans for successful conveyance of showing learning process. The methodology design contains the records for Heads of the division and personnel to enter every one of the destinations, results, examination and results. They enable asses at each stage, to screen advance and help investigating the qualities, shortcoming, and open doors for development of execution.

These archives are figured by the IQAC with the assistance of contributions from all the partners. Its has successfully encouraged in setting focuses to achieve the objectives of the set vision and mission. Toward the finish of every semester the archives are aggregated for input from the IQAC council for due

perseverance and in like manner figure restorative activities.

The arranging and execution is observed by the essential consistently. Satisfactory yearly spending plan is a piece of the formative arrangement. The angles that are incorporated into the point of view design are drawn from the suggestions of the accompanying councils viz., Academic Committee, Student Committee, Entrepreneur Development Cell, Grievance Redressal Cell, Anti Ragging Committee, Library Committee, Hostel Committee, Transport Committee, and so forth.,

The perspective plan of the institution is:

- To get Accreditation from NAAC, NBA
- Permanent Affiliation from the University
- Autonomous status from the University.

- Autonomous status from the UGC.

- Seeking recognition by UGC under 2(f) & 12(b) of the UGC act.

- MOUs with Industries.

- To offer Consultancy Services in various fields of specializations.

- Establishment of R&D Centre in Interdisciplinary areas.

- Establishment of Incubation centre
- Obtaining the status of best positioned designing establishment in the territory of Andhra Pradesh

Successful Activities:

- The Government of Andhra Pradesh awarded "A".

- Improvement in results.

- More than 20 MOUs are established with different Industries.

- The number of students placed have increased.

- E-resources are established in central library.

6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

Response:
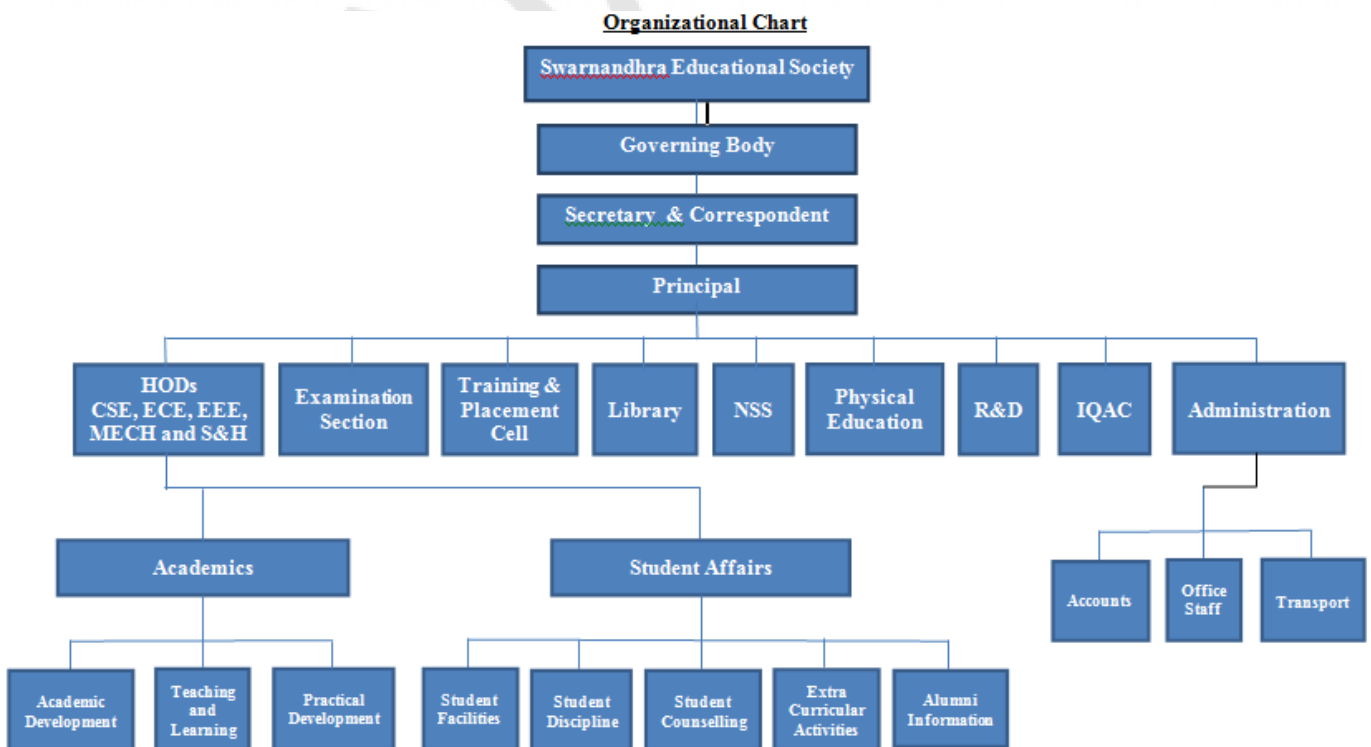
6.2.3 Implementation of e-governance in areas of operation: 1.Planning and Development 2. Administration 3. Finance and Accounts 4. Student Admission and Support 5.Examination

A. All 5 of the above

B. Any 4 of the above

C. Any 3 of the above

D. Any 2 of the above

Response: A. All 5 of the above

File Description	Document
Details of implementation of e-governance in areas of operation Planning and Development,Administration etc	View Document

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions

Response:

Ragging is a multidimensional problem and a widespread phenomenon in our higher education system, impacting students and the academic environment in the institutions of learning..We are extremely grateful to our college Management who helped us in this challenging endeavour to examine the issue of ragging through an empirical study. To prevent this ragging, an anti-ragging committee should be appointed for proper through channel of management. We have arranged Anti-Ragging squad in the college campus, hostels and buses. A standing disciplinary committee to address complaints based on the report of the enquiry committee constituted as and when required. Anti-ragging committee composed of officials of police and management members, parents, media personnel, faculty, and students meets periodically in the campus and to prevent ragging. We have also arranged some cameras in different places of the campus and regularly monitors.

Library plays an important role in every college. The library has an Advisory Committee. The committee is intended to plan and coordinate the execution of the requisite procedures for the functioning of the library. It takes up the process of identifying, planning, and procurement of the books, journals, manuals etc. It ensures the up gradation of the library to keep pace with the technological developments. The committee is expected to monitor the allocation of funds for the books, journals, manuals etc. and the digital processing of information, including on-line journals. The library committee is also expected to monitor the student and staff utilization of the library.

The committee shall take into consideration all the procurement criteria, and rules and regulations of the library management, including cataloguing and access-administration. The committee shall look into the indents of the departments and the purchase mechanism with multiple volumes wherever necessary.

Ascertaining the number of books and journals are available in the library.

- Budget utilization of the previous year
- Distribution of funds allocated for books, journals, periodicals etc.
- Purchase mechanism for the central library
- Purchase mechanism for department libraries
- Infrastructure like tables, chairs, shelves, book racks etc. and their Maintenance- fund allocation for the infrastructure- utilization.

To assist the college administration a number of committees / cells are formed to attend and resolve the grievances /complaints of students and staff amicably. Every student and staff in the college will have the opportunity to bring to the notice of their problems to the administration. Complaint boxes are located at various places in the campus and also a portal in the college website is available for the students to lodge complaints through online. The committee will look after grievances / complaints of various nature are:

- Parents meetings and correspondence to parents regarding attendance and performance in examinations of their wards.
- Representation of staff having long experience for promotion will be redressed as per norms by the management selection.
- Representation of staff for sponsoring them for improving their qualifications and skills, sanctioning special leaves, extension of maternity leave for women staff, etc. is addressed by the college authorities and management members.

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff

Response:

WELFARE SCHEMES FOR TEACHING AND NON TEACHING STAFF

The Institution thrives for excellence in teacher education. It has a strong and spontaneous conviction that we are a family with a single vision - to get acknowledged as a premier institution for teacher education with a difference. This difference can be created by motivating and rewarding the staff members for their endless efforts and appreciable performances in this direction. The administrator Principal and managing committee recognize and reward the staff members by following mechanisms:

- Increments and incentives for better results in annual university examinations in concerned subjects are given to the staff members.
- Institution provides recognition by conferring upon the certificates of merit to the teachers for their academic and co-curricular excellence.
- The faculty members are involved in decision making and they have liberty to share, suggest and

introduce novel innovative, constructive, creative ideas in teaching learning process and other co-curricular activities.

- The institution recognizes the catalytic role of active and dedicated teachers and motivates them by conferring upon them the special roles as staff, secretary, student advisor, controller of examinations and convener of different college committees.
- The institution has a brand new transport facility for convenient and comfort travel of its staff members. Almost all staff members used to commute for their duties.
- The Principal and managing committee have personal equations with itsØ faculty members. This cordial bond ensures the intrinsic motivation among staff members for better results.
- Incentives, facilities, recognition and personal care and concern of facultyØ members restore their faith and devotion to the institution.

  - The faculty members are eligible for availing casual leave of 12 days per year and three Earned leaves for a semester. Vacation leaves for teaching staff is 24 days in summer and for non teaching staff 12 days. The faculty can avail three permissions during regular working time.
  - Maternity leaves for female staff. salary advance to teaching and non teaching staff in case of emergency

  - At the end of each semester, a filled-in feedback form will be collected from the students about the faculty engaging the class, which evaluates about teaching methodology, creativity and level of understanding.
  - The college improves the competence of the faculty in their own subjects by preparing the study materials on their own. This is used as course material by students in the subjects taught by them.
  - Opportunity is provided to participate in programmers organized by the institute.
  - The college improves the competence of the faculty in their own subjects by preparing the study materials on their own. This is used as course material by students in the subjects taught by them.

Training and Faculty development programmers are organized for the professional development of the faculty. Encouragement in presenting papers in conference, seminars etc. organized by other institutions. Fees reduction /concession for faculty's ward are given, if admitted in our group of institution

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 7.88

6.3.2.1 Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
05	07	20	16	6

File Description	Document
Details of teachers provided with financial support to attend conferences,workshops etc. during the last five years	[View Document](#)

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 3.2

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
3	4	3	3	3

File Description	Document
Any additional information	[View Document](#)
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	[View Document](#)

6.3.4 Average percentage of teachers attending professional development programmes viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programme during the last five years

Response: 15.04

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
18	13	14	22	33

File Description	Document
Details of teachers attending professional development programs during the last five years	[View Document](#)

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

Response:

Performance appraisal of the faculty is prepared to evaluate the job performance of the employee. It is the assessment of individual's performance in a systematic way which is used for all round development of the employee and organization. The performance of the faculty is measured against factors such as preparation prior to the classes, syllabus completion in time and regular to classes and with better presentation skills i.e., ease of speaking, the capacity to maintain the interest of the students.

For the quality and enhancement in education the faculty have to participate in faculty development programs, attending workshops, seminars and concentrating on research papers and also presentation of papers in international journals.

To assess and grade the faculty the institution should take a filled-in feedback form from the students at the end of semester evaluating the factors like teacher's preparation for the class, way of introducing the subject, conceptual clarity, uniformity and maintaining the continuity to cover the syllabus and command and control over the class.

The faculty should also fill a self appraisal form providing the details of subject taught, results obtained in the university examinations and internal examinations, workshops conducted, training programmes attended, seminars and any other social activities related to institution during the academic year.

In addition to the faculty appraisal form, the HOD gives the feedback about the overall performance of the faculty considering publication of papers, books etc., the score of this feedback is informed to the faculty in a personal interview. If score is not satisfactory the faculty should be guided by the expert senior faculty of the same subjects. The senior faculty provides support for improvement of skills.

The faculty should submit a self appraisal form to the institution at the time of increment which is forwarded by the HOD. This self appraisal form is reviewed by HOD,Principal and Director and submits the report to Secretary. Based on this report Secretary gives the financial incentives to the faculty. If the average score is 50 normal increment is given. If the score is more than 50 i.e., in between 50-70 extra increment of 1000/- is given. If the score is above 70 he will be awarded 2000/- as an extra increment.

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

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 in-charge 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 revenue from the workshops conducted, conference conducted and management development programs should be verified by the internal auditor. 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 Form-16, which is related to total deductions and professional tax. Everything is verified properly and should cross check for every academic year. The internal auditor should maintain some ledger for the payment of bank loans in advance to avoid fine and lapse interest.

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 non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III)

Response: 2.5

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropists year wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
0.5	0.5	0.5	0.5	0.5

File Description	Document
Details of Funds / Grants received from non-government bodies during the last five years	[View Document](#)

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

Since RIET College is a self-financing institution, affiliated to JNTUK, major portion of the income comes through tuition fee, as fixed by Government of Andhra Pradesh from time to time. At the time of admission, the College collects the admission fee, JNTUK affiliation fee, miscellaneous and soft skills fee etc. Bus fee is collected from the students using transport facility provided by the college students also pay money for using the canteen facilities run by the college. Another source of income for the institute is from collection of fines from the students. The list of fines are library fine for non return books, laboratory fine for breakage of laboratory apparatus and also non submission leaves avoided by irregular students without permission.

The expenditure mainly consists of salary payments. Laboratory infrastructure and maintaining building infrastructure, transport system maintenance, purchasing of Library books, racks and furniture are other major part of expenditure. At some stages, the institution is raising funds from banks for capital expenditure on various projects taken up such as construction of new buildings, establishment of new labs, and purchase of buses. Alumni association is also motivated for contributing the financial and career

related other development programs by sponsoring workshops, guest-speakers and conferences

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Response:

The Institute has established the Internal Quality Assurance Cell with the following objectives

The IQAC helps for proper academic planning, execution, monitoring and evaluation. IQAC is responsible for

- Fixing quality parameters for various academic and administrative activities.

- To equip the students of the college with the knowledge in the latest trends in their respective fields and to prepare them to meet the requirements of the job market.

- To focus on augmenting the placement of the final year students in reputed companies through effective campus placement drives.

- Monitoring the organization of class work and related academic activities.

- To conduct Faculty Development Programmes (FDP's) periodically to update their knowledge.

- To continue the activities of the Centre for Research and to document all research related proceedings of the faculty through effective centralized recording system.

- To give adequate counselling and guidance to students in their personal/academic/professional

fronts through the Counselling and Guidance cell.

○ To conduct State-Level seminar through IQAC in the institution to promote NAAC –related activities in the college.

○ To improve the communicative skills of the students. To upgrade the industry-institution relationship by developing linkages with professional/research bodies.

○ To conduct a social audit and to enhance the status of the institution in the society.

○ To inculcate the spirit of service mentality among student volunteers through NSS activities

○ Conducting Internal Quality Audits periodically to verify the effectiveness of measures taken in reaching the quality parameters.

○ Documenting various programs / academic activities leading to quality improvement and reviewing their effectiveness in quality improvement.

○ To organize more number of guest lectures by eminent resource persons/subject experts in all the departments to enhance the academic input.

○ To continue the schemes of Remedial Coaching classes for the slow learners and Bridge courses for students from other school backgrounds.

○ To encourage more number of students to participate in sports by providing them with required training, coaching and guidance.

○ Developing infrastructure

- Preparation of academic plan and calendar.

- Execution and monitoring of academic plan/activities.

- Collecting feedback from students and alumni.

- Mentoring the students.

- Overall development of student and Institute.

- Review the results

-

- Suggest developmental activities

- Continuous evaluation of academic performance and Check on soft and professional skills of students

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms

Response:

The following methods are considered for formulating the policies on Teaching -Learning Process The feedbacks on all the subjects are taken from the students for every semester. The feedback is analyzed and

evaluated on the scale of 5 and every teacher is provided with a copy of feedback for making necessary corrections. Further, teachers are counseled by the Head of the department, Principal and Secretary & Correspondent if required. The academic coordinator also receives the feedback by interacting with a selected group of students from each class. Monitoring is also done through class teachers to assess the uniformity in syllabus coverage, counseling and also the quality of teaching. Annual meetings are conducted to evaluate the knowledge and ability of the faculty in teaching, the quality of course material and assignments prepared by the faculty are assessed internally and suitable suggestions for enriching the course materials. The evaluation of faculty by the students through feedback forms is done twice in a semester. This feedback is analyzed and appropriate suggestions are given to the faculty by the HOD concerned and the Principal to see that they rectify the short comings. The feedback form mainly focuses on the various teaching skills of the faculty members, like presentation, communication, knowledge, content covered, innovative teaching methods. Performance and self-appraisals are taken from the faculty at the end of every academic year and their performance is evaluated. Based on the evaluation report faculty is counselled and their annual increments are sanctioned. Syllabus: JNTUK prescribed syllabus will be followed. Extra content shall be given based on the skills in demand for employment. Academic Calendar: Number of instructional days, contact hours per week to be followed as directed by JNTUK. Additional teaching hours are utilised to conduct remedial classes for slow learners.

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

Response: 0.4

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
2	0	0	0	0

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	[View Document](#)

6.5.4 Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements**
2. **Academic Administrative Audit (AAA) and initiation of follow up action**
3. **Participation in NIRF**
4. **ISO Certification**
5. **NBA or any other quality audit**

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: B. Any 3 of the above

File Description	Document
Details of Quality assurance initiatives of the institution	[View Document](#)

6.5.5 Incremental improvements made during the preceding five years *(in case of first cycle)* **Post accreditation quality initiatives** *(second and subsequent cycles)*

Response:

The institution regularly collects student feedback and evaluates the teaching process of faculty, inform them of the shortcoming and suggest measures to inform shortenings. Head of the department separately evaluates the performance of the faculty. Performance of the students is continuously evaluated by the student counselors and mentors. The student counselors and mentors mainly concentrate on the academically weak students and motivate them on how to improve in their studies. The mentors also contact their parents and discuss with them regarding the improvement in the academic performance of the children.

Detailed course handout is to be prepared unit as per the prescribed syllabus and subject-wise lecture notes are required to be prepared by each faculty members. Lab manuals are prepared by the faculty and made available to the student in printed format. HOD allots the subjects to the faculty as per their specialization. The faculties are requested to submit the Lesson Plan and notes of lesson before the commencement of the semester which will be verified by the HOD. Senior faculty members are asked to review the teaching of junior faculty members. Continuous Internal Assessment Test (CIA), Assignments, seminars as a part of the timetable and parent teacher meeting, Class counseling and Class Committee meeting are the measures in vogue to review the teaching learning process. The institution is periodically circulating the instructions to teachers and students supporting to Quality assurance practices through circulars, website and login information (e-circular). For external stake holders the communication is done through College website, advertisement and program brochures.

The institution is always sincerely and seriously interested to communicate its quality assurance policies, mechanisms and outcomes to the various internal stakeholders at regular intervals and is preparing to prove its planning and outcome worthwhile through the review by the external peer team like NAAC. The institute is committed to provide State-of-the-art facilities and cutting edge technologies. The dedicated services rendered by the management, faculty, staff and students will make this institute a strong learning and resource center. Faculty put all efforts to determine the intended educational outcomes of their academic programs and activities, how to assess these outcomes and how to use the results for program

development and improvement is a part of student evaluation. The results of Outcome Assessment are used to evaluate the effectiveness of academic programs and activities, and student services, and not the performance of individual faculty or staff. Faculty use the information collected to develop and improve academic programs. The institute has a clearly defined, set mechanism to monitor the learning outcomes.

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

Response: 7

7.1.1.1 Number of gender equity promotion programs organized by the institution year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
2	2	1	1	1

File Description	Document
List of gender equity promotion programs organized by the institution	[View Document](#)

7.1.2

1. Institution shows gender sensitivity in providing facilities such as:
    1. Safety and Security
    2. Counselling
    3. Common Room

Response:

7.1.2 Institution shows gender sensitivity in providing facilities such as

1. safety and security

2. counseling

3. Common room

The institution has introduced Gender Sensitization course for all branches under the esteemed guidance of JNTUK. The institution will give priority to recruit on the merit based selection of faculty.

The institution has established student empowerment cell (SEC) to empower the knowledge and skills of students, it organizes workshops and sensitization programmes for staff and students by psychologists and social workers

The institution formed a Anti-Ragging Committee (ARC) consisting of senior faculty as coordinator and

other faculty as members headed principal. Many awareness programs about Anti-Ragging will be conducted by the Anti -Ragging Committee to avoid and prevent ragging and unnecessary disturbance among the students and give safety to the students.

The institution has Student Grievances cell (SGC) as well as Women Grievances cell (WGC) .The Grievances cell look in to the complaints lodged by the students and faculty and judge its merit . The committee is also empowered to look into matters of harassment. The cell deals with cases of sexual, psychological, emotional and physical harassment. The cell conducts different types of activities to encourage women to fight against any kind of injustice resulting from gender bias.

The institution has Counseling Cell (CC). In order to resolve day to day academic problems of students Counseling Cell mentors are appointed for a batch of 20 students and they will counsel the respective students once in a week to solve the problems come across during their course of study.

 A fully functional health Centre was provided by our college to offer medical care for minor issues and first aid. The institution has established a separate room to provide rest for students and staff, if they required and in need .Women will be provided with extra facilities.

Rajamahendri Institute of Engineering and Technology is very concerned about health and security and thus provided with a vehicle to attend any kind of emergency 24/7

7.1.3 Alternate Energy initiatives such as:

1.Percentage of annual power requirement of the Institution met by the renewable energy sources

Response: 1.38

7.1.3.1 Annual power requirement met by the renewable energy sources (in KWH)

Response: 593.13

7.1.3.2 Total annual power requirement (in KWH)

Response: 42900

File Description	Document
Details of power requirement of the Institution met by renewable energy sources	[View Document](#)

7.1.4 Percentage of annual lighting power requirements met through LED bulbs

Response: 33.51

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

Response: 4752.30

7.1.4.2 Annual lighting power requirement (in KWH)

Response: 14180.25

File Description	Document
Details of lighting power requirements met through LED bulbs	[View Document](#)

7.1.5 Waste Management steps including:
- **Solid waste management**
- **Liquid waste management**
- **E-waste management**

Response:

Waste Management includes the following:

Solid waste management:

1. The red-painted dustbins are used for wet and eco-friendly wastes.

2. The blue- painted dustbins are used for transfer of plastic wrappers and non-eco friendly wastes, such as papers and glass bottles.

3. Cleaning or removal the waste from dustbins is being done all the time between 11:00-11:30 am and 4:30 pm every day.

 Liquid waste management:

1 .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.

E-waste management:

    In our college, there is a basic procedure of e-waste 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.

7.1.6 Rain water harvesting structures and utilization in the campus

Response:

7.1.6 Rainwater Harvesting

Rainwater harvesting is the process of collecting rainwater and putting it to good use. Rainwater harvesting promotes self-sufficiency and adopts an appreciation for water as a resource. It also promotes water conservation. Rain water harvesting is a technology used in RIET to collect, convey and store rain water for later use from relatively surfaces such as a roof, land surface. Not only does this recharging capture groundwater depletion, it also raises the declining water table and can help enhance water supply. It is used from relatively clean surfaces such as a roof, land surface. RWH system is economically cheaper in construction compared to other sources. In Rainwater harvesting system there is enough open space and mud paths to harvest the rain waters. A major component to the Rainwater harvesting notion is maximizing the collection of water from surface runoff. Gutters are channels fixed to the edges of roof all around to collect and transport the rainwater from the roof. Gutters can be made in semi-circular and rectangular shape with cement pipe, PVC pipes.

Captured rainwater can be used for both potable (drinkable) and non-potable purposes, both inside and outside purposes. Outdoor uses include watering landscaping and gardens, and to provide water for pets. Indoor uses include toilet flushing and clothes washing. Rainwater is often a forgotten resource for these uses, and can significantly reduce the amount of treated drinking water needed to complete these tasks. Additionally, the process of designing and installing a rainwater collection system is often less expensive than drilling a well. It does not come into contact with soil or rocks where it can dissolve minerals and salts nor does it come into contact with many of the pollutants that are often discharged into local surface waters or contaminate ground water supplies. Rain water is used for washing laboratory utensils and machines. It will not only maintain the water level of the groundwater of the region but also save our water resources and power consumption.

 Implementing Rainwater harvesting on the RIET campus could lower water bills and contribute to the campus's effort to "Go Green".

7.1.7 Green Practices
•   **Students, staff using**
a)   **Bicycles**
b)   **Public Transport**
c)   **Pedestrian friendly roads**
•   **Plastic-free campus**
•   **Paperless office**
• **Green landscaping with trees and plants**

Response:

7.1.7 Green Practices

- **Students, staff using**

-

- **Pedestrian friendly roads**

- **Plastic-free campus**
- **Paperless office**
- **Green landscaping with trees and plants**

Response:

Some of the staff and students are utilizing bicycles those who are closer to the college for fuel reduction. The undeniable transport office gave 23 Busses for students and staff from different places. The pedestrian friendly roads is to preserve and enhance, students and staff and to encourage walking as an attractive means of transportation as well as for leisure recreation and health. **Plastic free campus**: Our college energizes students and staff not to utilize plastic bags and plastic containers. The administration leading mindfulness programs on decreasing plastic things which is unsafe impact to the earth. **Paperless office**: A paperless office (or paper-free office) is a work environment in which the use of paper is eliminated or greatly reduced. This is done by converting documents and other papers into digital form, a process known as digitization. "Going paperless" can save cash, support efficiency, save space, make documentation and information sharing easier, keep individual data more secure, and help the environment. Some paperless software offers a scanner, equipment and programming and works flawlessly in isolating and sorting out vital records.

In the outside space at buildings and institutions, greenery offers users a place to rest and unwind in the urban condition. Trees reestablish human scale and make a characteristic stand out from elevated structures and current engineering. Greenery in open air spaces at structures and foundations additionally goes about as an associating zone or then again to make a limit. The green mood of the college is to a great extent because of tree estate. Zones are doled out to NSS volunteers and the divisions for planting, watering, weeding and keeping up the plants, greens, herbs and trees. Trees have about secured 1/2 of the college territory. They help to maintain the ecosystem. Planting an expansive number of trees in the surrounding villages Bhoopalapatnam, Pidimgoyyi, Namavaram, Kavalagoyya, Srirampuram and *Punyakshetram* is one of the normal highlights of the NSS Special Camps.

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

Response: 1.39

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year wise during the last five years(INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
1.16	2.58	8.22	5.6	2.7

File Description	Document
Green audit report	[View Document](#)
Details of expenditure on green initiatives and waste management during the last five years	[View Document](#)

7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:

    1. **Physical facilities**
    2. **Provision for lift**
    3. **Ramp / Rails**
    4. **Braille Software/facilities**
    5. **Rest Rooms**
    6. **Scribes for examination**
    7. **Special skill development for differently abled students**
    8. **Any other similar facility (Specify)**

A. 7 and more of the above

B. At least 6 of the above

C. At least 4 of the above

D. At least 2 of the above

Response: C. At least 4 of the above

File Description	Document
Resources available in the institution for Divyangjan	[View Document](#)

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years

Response: 5

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1	1	1	1	1

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

Response: 5

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1	1	1	1	1

File Description	Document
Details of initiatives taken to engage with local community during the last five years	

7.1.12
Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff

Response: Yes

7.1.13 Display of core values in the institution and on its website

Response: Yes

7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations

Response: Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	

7.1.15 The institution offers a course on Human Values and professional ethics

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Response: Yes

7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions

Response: Yes

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years

Response: 23

File Description	Document
List of activities conducted for promotion of universal values	[View Document](#)

7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities

Response:

Our college is following the some national fests and birth/death anniversaries of the great Indian personalities. In the year of 2017 we are celebrate first name of the event is NATIONAL YOUTH DAY (SWAMI VIVEKANADA) on January12th and participated 100 members. And second event on January 23rd SUBHASCHANDRABOSE BIRTHDAY and number of participates in the event of 150 members, NATIONAL WOMENS DAY on March 8th the students are participated in the event are 110 members, GANDHI JAYANTI October 2nd number of participated students are 150 members. In the year of 2016 we are conducting the events, NATIONAL YOUTH DAY (SWAMI VIVEKANADA) on January 12th and the participated students are 150members, TEACHERS DAY on September 5th and the number of students are participated in event 200 members, WORLD PEACE DAY on September 12th and the participated students are 150 members, and final event is ENGINEERS DAY on September 15th and the number of participates in eventof 200 members. In the year of 2015 we are conducted events are, 1. NATIONAL YOUTH DAY (SWAMI VIVEKANADA) on January 12th and 120 members are participated in the event, 2. WORLD WATER DAY on March 24thand 150 members are participated, 3. TEACHERS DAY on September 5th and 150 members are participated, and final event is ENGINEERING DAY on September 15th and the number of participated in event are, 100 students. In the year of 2014 we are conducted events are, 1. NATIONAL YOUTH DAY (SWAMI VIVEKANADA) on January 12th and 120 members are participated, 2. TEACHERS DAY on September 5th and the number of students are participated in event are 200 members, 3. ENGINEERS DAY on September 5th and the participated students are 150 members, and final event is 4. GONDHI JAYANTI On October 2nd and the number of participated in event of 100 students. In the year of 2013 we are conducted events are, 1. NATIONAL YOUTH DAY (SWAMI VIVEKANADA) on January 12th and 120 members are participated, 2. NATIONAL SCINCE DAY on February 18th and 150 members are participated, 3. TEACHERS DAY on September 5th and 200 members are participated, and ENGINEERS DAY on September 15th and 150 members are participated. . In the year of 2012 we are conducted events are, 1.

NATIONAL YOUTH DAY (SWAMI VIVEKANADA) on January 12th and 120 members are participated, 2 WORLD WATER DAY on March 24th and 150 members are participated, 3. TEACHERS DAY on September 5th and 200 members are participated, and ENGINEERS DAY on September 15th and 150 members are participated.

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions

Response:

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions

The main criteria of education is to enlighten the truth, divinity in man to lead a moral and fruitful life in the world. It should essentially make a man pious, perfect and truthful. The enhancement of the quality of character is achieved only by the education.

R.I.E.T maintains complete transparency in its financial, academic, administrative and auxiliary functions as mentioned below:

Financial functions:

- The institution maintains transparency towards staff salaries by remitting the salaries in their bank account promptly and regularly.
- Acquittance register is maintained by the Accounts section in the college duly signed by the staff every month for the salary paid.
- Transparency is maintained by the institution regarding the fees paid by the students through issue of receipts for each and every fee collected such as the tution fee, transport fee, lab fee, examination fee, miscellaneous fee etc.
- The account section as well as the office in the institution are computerized to provide faster and more efficient performance with regard to financial tasks and service rendered to the staff, students and parents.

Academic functions:

- All the academic activities are headed by the Principal assisted by the Head of the Departments and senior faculty.
- Academic committee comprising the Principal, Heads of the Departments and senior faculty meet two to three times in a year to discuss and decide on all the academic activities related to faculty requirement, class work, syllabus coverage, faculty performance, academic regulations, student feedback, infrastructural facilities, co-curricular and extracurricular activities.
- Head of the Departments meeting is conducted by the Principal on a weekly/bi-weekly basis to discuss and decide on all the academic issues of the college.
- Teachers are counseled by the departmental head and/or Principal regarding measures to improve subject understanding and/or teaching skills

Administrative functions:

- The administrative functions of the institution are taken care ofin a sequential order by the Top Management comprising of the Chairman, Secretary and Correspondent and their team of governing body members, Principal and the Head of the Departments and the office.

Governing body of the college normally meet atleast two times in a year to take decisions on:

- New programmes of study.
- Infrastructure development of the institute.
- Approval of budget submitted by the finance committee.
- Medals, Prizes and certificates to be awarded to the students.

Auxiliary functions:

- Various co-curricular activities, debates, seminars and workshops are conducted for the students to make it sure that quality of education is maintained for their overall development. Students are the active partners in the college NSS Programme. The students of the college also organize various cultural and other programmes like Fresher's Day, Engineeers Day, Teachers Day, TechFest, Annual day of the college etc.

7.2 Best Practices

7.2.1 Describe at least two institutional best practices (as per NAAC Format)

Response:

 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 state-of-the-art 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.

File Description	Document
Any additional information	View Document

7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

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. The college is located in a peaceful and lush green environment away from the din and bustle of the crowded city life free from pollution and congenial to attain technical knowledge. The nearest airport at Madhurapudi, Railway station at Rajamahendravaram is 15 Kms and 8 Kms away from the college respectively. The college is well connected by National highway 16 to all parts of the district as well as the state.

Vision:

The vision of the college is "to provide quality education to all, especially to those from the less privileged background; to build a community of individuals who are responsible citizens; to motivate the students to work towards a harmonious, just and equitable social order; and to equip them to face challenges with courage and commitment".

Mission:

- To impart knowledge which is empowering, value – based and holistic in nature.
- To sensitize the students to environmental issue thus motivating them to be conscious of environment.
- To create a vibrant academic atmosphere which focuses on teaching, learning, research and outreach programs.

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 Industry-Institute through MoU's with Industries in and around Rajamahendravaram, Chennai, Hyderabad, Visakhapatnam and Vijayawada for training, internships and placements.

The college offers training not only in academics and technical areas but also the in social skills, soft skills, ethical values and personality development. Student Chapters of Institution of Engineers (India) are active in all the Departments of the college in updating the technical know-how of the students. 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 and 80% of its alumni are well placed globally in organizations like Oracle, IBM, Google, TCS, Infosys, CTS, L&T, Cognizant, Tech Mahindra, Wipro and in Indian Public Sector too.

The college research wing provides hands-on 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.

5. CONCLUSION

Additional Information :

The institute routinely assesses its practices to benefit all its stakeholders to be a part in the development of the progressive world. In the works of our former president A.P.J.Abdul Kalam "We are all born with a divine fire in us. Our efforts should be to give wings to this fire and fill the world with the glow of its goodness". It's the fire of knowledge that the institute envisions to the young minds to take on the challenges and shine.

Concluding Remarks :

Rajamahendri Institute of Engineering and Technology in its 10th year is proud of having several members of its alumni at prestigious positions in reputed organizations nationally and globally. The college aims to train the students not only in academics and technical areas but also in social skills, soft skills, ethical values and personality development. The college has highly qualified and well experienced and dedicated faculty ready to impart academic and practical aspects of the subjects and equip the students to transcend the textbook brilliance. The faculties are renowned in the fields of specialization with wide exposure in teaching, research and consultancy. While threats are plenty, the institute continues its mission in imparting quality education as set by its vision. ICT techniques have been introduced to aid effective teaching learning process. The need to increase focus on research and evolution activities is utmost priority and the institute has initiated measures for the same. While all-round development is in continual focus, academic excellence for technical superiority is the objective for making students compete at global standards.