



Yearly Status Report - 2017-2018

Part A

Data of the Institution

1. Name of the Institution		RAJAMAHENDRI INSTITUTE OF ENGINEERING AND TECHNOLOGY
Name of the head of the Institution		Dr.VEMURI LAKSHMINARAYANA
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		09133339493
Mobile no.		9553911355
Registered Email		office@rietrjy.co.in
Alternate Email		principal@rietrjy.co.in
Address		BOOPALAPATNAM, NEAR PIDIMGYYI, RAJANAGARAM MANDAL, eAST GODAVARI DISTRICT.
City/Town		Rajamahendravaram
State/UT		Andhra Pradesh

Pincode	533107																		
2. Institutional Status																			
Affiliated / Constituent	Affiliated																		
Type of Institution	Co-education																		
Location	Rural																		
Financial Status	private																		
Name of the IQAC co-ordinator/Director	Dr .R.RAMBABU REDDY																		
Phone no/Alternate Phone no.	08832440866																		
Mobile no.	9440218157																		
Registered Email	rambabureddy.rampatruni@gmail.com																		
Alternate Email	ratnamraj08@gmail.com																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	http://www.rietrjy.co.in/files/NAAC/NAAC-AQAR.pdf																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.rietrjy.co.in/academic-calender.php																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B</td> <td>2.48</td> <td>2018</td> <td>16-Aug-2018</td> <td>15-Aug-2023</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B	2.48	2018	16-Aug-2018	15-Aug-2023
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	B	2.48	2018	16-Aug-2018	15-Aug-2023														
6. Date of Establishment of IQAC	19-Dec-2016																		
7. Internal Quality Assurance System																			
Quality initiatives by IQAC during the year for promoting quality culture																			
Item /Title of the quality initiative by	Date & Duration		Number of participants/ beneficiaries																

IQAC		
Bridge Courses	10-Jul-2017 10	129
Remedial Classes	26-Jun-2017 15	96
Value added Programs	04-Sep-2017 30	106
Certificate Programs	05-Jun-2017 60	545
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	5
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

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

? Implementation of Outcome Based learning methodologies in all courses of the Programme ? Standardization of internal assessment pattern for all UG Programmes as per affiliating university guidelines. ? Bridge courses and Orientation programme for 1st Year students. ? Arranging certification programmes and on job training for students at regular intervals. ? Conducting seminars, workshops and certification programs in emerging technologies for students. ? Faculties are encouraged to participate in professional development programs. ? Remedial classes for the students in need, especially for the students having backlog subjects. ? Faculty and students are encouraged to get certifications from NPTEL with special rewards from the institution.

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

Plan of Action	Achivements/Outcomes
Implementation of remedial classes for slow learners.	Additional revisions on the topics in syllabus by and practical sessions are conducted. Several students were benefited. Pass percentage in increased.
To encourage staff and students Participation in seminar, workshop and conference	Faculty members attended to update their domain expertise and exposed to latest trends
implementation of more number of training programs.	Many students placed in MNCs through well organized placement training sessions.
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Governing Body	09-Aug-2021

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

Yes

Date of Visit

26-Jun-2017

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2018

Date of Submission

10-Feb-2018

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)

Management Information Systems is operative in the college .The MIS Pervades the following areas of the institutional activities : • Staff attendance monitoring System (Biometric system) • Students attendance monitoring system • Automatic absentees

SMS sending to Parents system • SMS gateway to send important notifications to different stakeholders of college • Results analysis monitoring system • Library Automation management software. • Financial analysis and monitoring system (Fee reimbursement , Jhanabhoomi, Fee pending, Scholarships) • Placements Training And Students data analysis and monitoring system.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

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

The institution assures the effective delivery of the curriculum through a defined method. 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 complete mechanism for effectively implementing the programme. The college's Principal holds frequent meetings with the IQAC Committee and department heads at the start of each academic year. • The IQAC coordinator gives a PowerPoint presentation on the overall action plan's road map. At the start of each semester, the principal has a staff meeting primarily to entrust the faculty with their job obligations and tasks. • Thereafter, the Head of the Department holds a meeting with their respective faculty before the start of the semester, during which subject allotments are made, course in charges, class in charges are assigned, and the IQAC plan of a department is implemented. • The course in charge oversees the development of course objectives and outcomes. Weak students and slow learners are given remedial classes. Every course in charge creates the course outcomes and course file, which includes the academic calendar, syllabus copy, lesson plan, unit-by-unit class content, unit-by-unit assignment questions, University questions, and student nominal roll lists. • The class in charge monitors all courses and the syllabus covering in class, as well as supports the overall teaching-learning process in the classroom. The course's delivery and outcomes are monitored by the HOD. • As a result, the College has made teaching more student-centred. Students participate in group discussions, debates, and seminars in well-equipped labs with advanced teaching tools such as LCD projectors and WI-FI. Students will be taken on industrial trips. The institute also fosters memorandums of understanding (MOUs) with industry in order to improve training in core subjects. Stakeholder feedback is collected on a regular basis in order to take the required actions to improve the Institute's academic excellence and student welfare facilities.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Certificate program on Python Programming	NA	05/06/2017	15	Employability	Skill Development

Certification program on Wireless technologies	NA	17/07/2017	15	Employability	Skill Development
Certification program on MATLAB for Electrical Engineers	NA	11/09/2017	15	Employability	Skill Development
Certification program on CATIAV5	NA	01/08/2017	15	Employability	Skill Development

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

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

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Electrical & Electronics Engineering	12/06/2017
BTech	Mechanical Engineering	12/06/2017
BTech	Electronics & Communication Engineering	12/06/2017

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

	Certificate	Diploma Course
Number of Students	545	Nil

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Communications and signal processing	02/01/2018	60
AUTO CAD in geological application	04/09/2017	46
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	EEE	85
BTech	ME	80

BTech	ECE	62
BTech	CSE	93
BTech	BSH	106
No file uploaded.		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p>Before each semesters examinations, students complete a feedback form. Each students attendance is noted on the feedback form. The college receives feedback on a variety of topics, including teaching, laboratory, library, administration, and academics. • The points are assigned based on the grades assigned by the students in various criteria. The letter grades are A, B, C, D, and E (where A5, B4, C3, D2, and E1 are used). The average and percentage of each criterion are computed. The students reported strengths and flaws are summarised. Feedback is also gathered from parents during Parent-Teacher Meetings, which are organised by each department of the college. Suggestions and comments from the guardians are also taken into account for future development. • The various areas that require improvement are discussed in respective committees/departments. The proposals presented by the various committees and departments are discussed in the colleges IQAC for necessary action. The colleges strengths are also taken into account for future enhancements.</p>

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	Electrical and Electronics Engineering	120	79	71
BTech	Mechanical Engineering	120	61	56
BTech	Electronics and Communication Engineering	120	111	102
BTech	Computer Science Engineering	1250	94	87

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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017	81	Nil	81	Nil	Nil

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
81	81	7	30	4	8

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

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

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1081	81	1:13

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
83	81	2	19	9

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2017	NA	Nil	NA

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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
No Data Entered/Not Applicable !!!				
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

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

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

The academic calendar issued by the affiliating university forms the basis for designing the college academic calendar. To improve the academic standards special hours and extra sessions are incorporated in the college schedule to accommodate the needs of slow learners and advanced learners thereby creating

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

2.6 – Student Performance and Learning Outcomes

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

<http://www.rietrjy.co.in/ece.php>, <http://www.rietrjy.co.in/cse.php>, <http://www.rietrjy.co.in/mec.php>, <http://www.rietrjy.co.in/eee.php>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
No Data Entered/Not Applicable !!!					
View File					

2.7 – Student Satisfaction Survey

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

http://www.rietrjy.co.in/files/NAAC/analysis_naac_17_18.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
No Data Entered/Not Applicable !!!				
View File				

3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
A oneday seminar on analysis of dc-dc converter for two stage photo voltaic system	Department of Electrical Electronics Engineering	22/07/2017
A two days workshop on analysis of adaptive linear neural network in power system harmonics	Department of Electrical Electronics Engineering	18/08/2017

A oneday seminar on hybrid techque based slip frequency control of induction motor	Department of Electrical Electronics Engineering	23/12/2017
A two days workshop on comparision of methods of mppt in pv system	Department of Electrical Electronics Engineering	24/01/2018
Seminar presentation on jet engine	Department of Mechanical Engineering	03/10/2017
Two day work shop on latest trends in fabrication, characterization and analysis of composite materials	Department of Mechanical Engineering	12/02/2018
Workshop on MATLAB	Department of Electronics and Communication Engineering	17/08/2017
Embedded systems	Department of Electronics and Communication Engineering	04/09/2017
Cyber security	Department of Electronics and Communication Engineering	30/01/2018
Work shop on HDL languages in VLSI	Department of Electronics and Communication Engineering	08/02/2018
Two day workshop- angular js and node js	Department of Computer Science Engineering	
Two day workshop-Hadoop distributed file systems	Department of Computer Science Engineering	26/07/2017
Two day seminar- Python R Pogramming Essentials	Department of Computer Science Engineering	07/09/2017

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
No Data Entered/Not Applicable !!!				
View File				

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

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
View File					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
00	00	00

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

Name of the Department	Number of PhD's Awarded
NA	Nil

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Computer Science Engineering	13	4
National	Electronics Communication Engineering	11	3.5
Nil	Electrical Electronics Engineering	3	2.5
No file uploaded.			

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

Department	Number of Publication
Electronics Communication Engineering	1
Computer Science Engineering	2
No file uploaded.	

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						
View File						

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						
View File						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nil	3	8	4
No file uploaded.				

3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!			
View File			

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

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
No Data Entered/Not Applicable !!!			
View File			

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

Name of the scheme	Organising unit/Agen cy/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
No Data Entered/Not Applicable !!!				
View File				

3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
On-the- job training	46	RIET	07
Internship	11	RIET	15
Workshop	38	RIET	01
Seminar	52	RIET	01
On-the- job training	05	RIET	15
No file uploaded.			

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Institute Industry Interaction	internship, on-the- job training, project work, sharing of research facilities	Smart Select Solut ions,Chaitan yapuri Main Rd, Millenium Residency, Kamala Nagar, Dilsu	07/08/2017	06/08/2018	57

		khnagar, Hyderabad, Telangana 500060			
Institute Industry Interaction	internship, on-the- job training, project work, sharing of research facilities	Global Smart Techno logies,Chait anyapuri, Di lsukhnagar, Hyderabad, Telangana 500013	21/07/2017	20/07/2018	38
Institute Industry Interaction	internship, on-the- job training, project work, sharing of research facilities	Datapoint Info Solutions, 040-48598782	03/07/2017	02/07/2018	11
Institute Industry Interaction	internship, on-the- job training, project work, sharing of research facilities	Attic Info matics,Sreem an Rama Tower, #206, 2nd Floor 500060, Chai tanyapuri Main Rd, Dil sukhnagar, Hyderabad, Telangana 500060	26/06/2017	25/06/2018	46
No file uploaded.					

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Attic Infomatics,Sreeman Rama Tower, #206, 2nd Floor 500060, Chaitanyapuri Main Rd, Dilsukhnagar, Hyderabad, Telangana 500060	26/06/2017	internship, on- the- job training, project work, sharing of research facilities	46
Datapoint Info Solutions, 040-48598782	03/07/2017	internship, on- the- job training, project work, sharing of research facilities	11
Global Smart Tech	21/07/2017	Internship, on-	38

nologies,Chaitanyapuri, Dilsukhnagar, Hyderabad, Telangana 500013		the- job training, project work	
Smart Select Solutions,Chaitanyapuri Main Rd, Millenium Residency, Kamala Nagar, Dilsukhnagar, Hyderabad, Telangana 500060	07/08/2017	Internship, on-the- job training, project work	57
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
2800000	2710399

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Video Centre	Nil
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
No file uploaded.	

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
ECAP	Fully	6.2	2010

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	22194	3943536	Nil	Nil	22194	3943536
Reference Books	3911	6949925	Nil	Nil	3911	6949925

e-Books	11500	Nil	Nil	Nil	11500	Nil
Journals	35	28395	Nil	Nil	35	28395
e-Journals	2000	7800	Nil	Nil	2000	7800
No file uploaded.						

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
NA	NA	NA	Nil
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	420	300	30	0	60	15	15	50	0
Added	0	0	0	0	0	0	0	0	0
Total	420	300	30	0	60	15	15	50	0

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

50 MBPS/ GBPS

4.3.3 – Facility for e-content

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

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
2700000	2701111	5200000	5296888

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

There are systems and procedures in place to maintain and use physical, academic and support facilities like laboratories, libraries, gyms, computers, institutional classrooms. The institution has policies in place to replace or upgrade existing equipment to accommodate the curriculum changes made by the university from time to time. Infrastructure Maintenance: Institute maintenance personnel perform routine inspections • to ensure proper maintenance of the infrastructure like minor repairs to buildings, electrical and sanitary

equipment. • Ensure general and fire safety procedures and equipment maintenance on campus. • Independent ground personnel participate in the maintenance of gardens, lawns and the surrounding environment. • Maintain roads, water tanks and other services in the community. • Cleaners and supervisors are also assigned to regularly maintain the hygienic environment in the school to clean laboratories, libraries, floors, hallways, classrooms, bathrooms, etc. Electrical Maintenance: The Network Administrator regularly carries out maintenance on the UPS system and its battery. Maintenance of Diesel Generators, Engines, and Equipment Grounding - Periodically measure grounding resistance to ensure properly grounded in labs and classrooms. The electricians perform the grounding regularly. Library Committee: The Committee meets twice a year to determine the requirements for books and magazines. HOD compiles a list of required books and magazines and submits it to the board of directors for approval and approval through the director. Sports facilities: sports facilities are maintained by the sports director. After the board of directors gave its approval, the facilities were improved. Laboratory maintenance: when necessary, the relevant department shall perform equipment/instrument calibration every semester/year in accordance with the time and frequency recommended by the supplier. Any deviation in this area will be documented, and the necessary steps will be taken by contacting the suppliers technician.

<http://www.rietjy.co.in/laboratories.php>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Fee Reimbursement	780	27918500
Financial Support from Other Sources			
a) National	Nil	Nil	Nil
b) International	Nil	Nil	Nil
No file uploaded.			

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

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Soft skill development,	03/07/2017	293	Corporate Learning, Visakhapatnam
Yoga , Meditation	21/06/2017	653	Dr T Rushi Santhosh Singh, 7382152514
Remedial Classes	26/06/2017	96	RIET Staff
Language Skills	06/08/2018	235	Corporate Learning, Visakhapatnam
Bridge courses	10/07/2017	129	Mr B Ramesh Babu, ISHA Yoga Center, Rajahmundry

Personal Counselling and Mentoring	12/06/2017	1081	RIET staff
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2017	Career Counselling	293	Nil	Nil	130
2017	Competitive Coaching	Nil	283	8	3
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
6	6	4

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
No Data Entered/Not Applicable !!!					
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
Nil	1	B.Tech	Computer Science Engineering	Pragathi Engineering college	M.Tech
2017	2	B.Tech	Computer Science Engineering	Adikavi Nannaya University	M.Tech
2017	2	B.Tech	Mechanical Engineering	Godavari Institute of Engineering and Technology	M.Tech
No file uploaded.					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year
(eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	1
Any Other	6
No file uploaded.	

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

Activity	Level	Number of Participants
Farewell	College	22
Freshers Day	College	41
Sankranti Sambaralu	College	38
Kabbadi	College	32
Volley Ball	State	24
Cricket Tournament	College Level	45
No file uploaded.		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

To inculcate leadership skills, organizing skills and also to 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 the students. One representative from the class is nominated at the beginning of each year both from boys and girls. • Library committee activities: To give the feedback on the library services periodically and represent their needs to the library committee. One student representative from each department is nominated at the beginning of each year. Administrative Bodies: • Anti Ragging committee activities: The student representative in this committee take prudent steps in prevention of any kind of ragging incidents and help the anti-ragging committee. One each from all departments is nominated at the beginning of each year. • Women grievances: Grievances of girl students and lady staff individuals. Representatives from girl students, one each from all years are nominated at the beginning of each year. • Canteen committee activities: To give regular feedback on the cleanliness, timeliness, quality and the prices of the food items provided in the canteen. One representative from each department is nominated at the beginning of each year. • Student grievance committee activities: To represent the grievances of the students periodically to the student grievance committee on the academic facilities, transportation facility, sports and games facility and any other issues related to students.

One representative from each department is nominated at the beginning of each year. • Student chapter activities: To register as members and participate in various professional activities conducted by the student chapter like workshops, conferences for paper presentations, specialized test and so on.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

5.4.2 – No. of enrolled Alumni:

26

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

33500

5.4.4 – Meetings/activities organized by Alumni Association :

02

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

The college has a well-defined decentralised governance framework with appropriate autonomy that includes all departments and sections. • The faculty work plan is assigned through the Heads of Departments, and the syllabus coverage will be verified on a regular basis. • The Heads of Departments can organise programmes aimed at empowering students and employees. • Establishment of various statutory subcommittees comprised of representatives from all college stakeholders for the purpose of coordinating critical administrative functions. • Laboratory Equipment for the department and the proposed budget purchase is planned by the respective lab incharges, then authorised by HODs, and then forwarded to Principal under the supervision of IQAC. • The College Management Committee is made up of the Chairman, Secretary, and Principal, with meetings held for the first half of the months March, July, and the second half of the months September, December to discuss academic stock, administrative activities, and development. • The resolutions will be sent to the chairman and committee members for further execution. Depending on the scenario, the committee may add more members. • Budget allocations are primarily made in March, just before the start of the new academic year. • 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. • A weekly meeting between the principal and the heads of departments is held to discuss various academic and extracurricular activities such as technical fests, annual day celebrations, sport tournaments, and so on. • Departmental meetings are where internal issues are discussed. Internal departmental issues will be attended to and addressed as soon as possible by the departments principal.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	<ul style="list-style-type: none"> • Institute follows the curriculum developed by the university JNTUK, Kakinada as it is affiliated to JNTUK, Kakinada • Several faculty members are involved in course restructuring and revision committees constituted by Jawaharlal Nehru Technological University, Kakinada • Syllabus revisions are made once in 3 years by the affiliating university JNTUK, • Required inputs are also being collected from various stake holders like companies that visit for placements, experts who visit the college on various occasions, alumni, etc and incorporate in our time tables in addition to required syllabus to enhance skill among the syllabus. • Director of Academics looks into overall academic growth and quality improvement. • Work load distribution as per specialization of faculty members. • Examination committee ensures smooth conduct of examinations.

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

E-governance area	Details
Planning and Development	<p>The Management Information System (MIS) modules of the Institute helps in planning academic activities which includes Timetable, Lecture schedules and attendance, Feedback by students and all stakeholders .</p> <ul style="list-style-type: none"> • This MIS helps in the faculty subject allocation, academic performance of the students, based on the performance distributing the students into batches for conduct the remedial class. • The MIS allows students to select Choice Based Electives. • This MIS system has students and Employee Grievance module which helps in overall development of the Institute.
Administration	<p>Administrative MIS modules of the institute helps in keeping service records of all the employees maintaining service books, promotion records, seniority etc.</p>
Finance and Accounts	<p>Functions of the finance and accounts are precisely defined and are strictly followed with proper accounting practices making record of each financial transactions using ECAP mechanism.</p> <ul style="list-style-type: none"> • This has helps keeping records of receipt of funds,

	consultancy income, donations, staff salary and all types of purchases and payment of various utility bills and taxes.
Student Admission and Support	<ul style="list-style-type: none"> Students who desires to take admission into Convener quota are required to attend EAMCET counseling organized by Govt. of Andhra Pradesh. Students who desires to take admission into Management quota and Spot admission are required to make formal application to the institute
Examination	<ul style="list-style-type: none"> The MIS of the institute has well defined modules for collecting the data related to marks of continues evaluation, semester Mid Tests, End semester marks, Result analysis.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2017	Mrs. P.satish Kumar	NPTEL	NA	1000
2017	Dr.D.Naga Purnima	NPTEL	NA	1000
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
Nil	Nil	NPTEL	Nil	Nil	Nil	Nil
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Ordinary And Partial Differential Equations And Applications	1	01/07/2017	01/10/2017	84

Fdp On Communication Skills For The Teacher	1	14/09/2017	16/09/2017	03
No file uploaded.				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
81	81	42	42

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
12 Casual Leaves and 10 Earn Leaves are facilitated	12 Casual Leaves and 10 Earn Leaves are facilitated	External support to get merit welfare scholarships from both state and national government for all eligible students

6.4 – Financial Management and Resource Mobilization

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

Internal: • The college has established an internal Financial Committee to review budget proposals, receipts, bills and vouchers, and supporting papers for the current fiscal year. Following the Scrutiny, the finance committee may make recommendations to concerned departments for any necessary improvements. Tuition fees are the educational institutions primary source of revenue fines collected from students are another source of revenue. Each departments in charge compiles a list of fines owed from students, which is then reported to the accounting department. • In general, fines are collected for not submitting fees by the due date, library fines for not returning books, laboratory fines for breaking laboratory apparatus, and non-submission of leaves by irregular students. • The internal audit is conducted by combining entrance fees, tuition fees collected, and any other fees collected in Indian currency. All of the balances have been verified to be current. • The internal auditor should review all salary statements more frequently, demonstrating the accounting departments transparency. • Nearly 90 of payments should be made in all modes or by cheque. The remaining 10 will be paid in cash. Form16, which is connected to total deductions and professional tax, should be completed by all employees. Everything has been thoroughly checked and should be double-checked for each academic year. • The College sends budget plans as well as income and expenditure statements to the Audit Committee for review. Under the Income Tax Act, the accounts are audited by an external auditor for the financial year. • External audit programmes deal with the bank financial reporting areas. Salary statements and the amount spent during the AICTE, JNTUK, and FFC inspections, for example.. • Salary statements, increments, and other deductions for employees, including teaching and non-teaching staff, are validated. During each academic year, the fee receipts are cross-checked to eliminate anomalies in the computations and data sheets. • Transactions are easily checked on all bank statements. • An external auditor evaluated documentation connected to the colleges assets, such as buildings, workshops, and play ground, for each annual closure year in March or April.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NA	0	NA
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6.4.3 – Total corpus fund generated

00

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Fact Finding Committee, JNTUK	Yes	IQAC
Administrative	Yes	Fact Finding Committee, JNTUK	Yes	IQAC

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

• Parents are informed about their childrens attendance and progress on a regular basis via SMS and mail and telephone correspondence. • Informal discussions are being held to identify student-related concerns. • Parents feedback is gathered and analysed in order to improve the measures. • Departments hold one-on-one meetings with parents whose children require more support and counselling in order to improve their performance. • Making helpful suggestions for the institutions development • Identifying and recommending improvements to the colleges connected departments •Communicating thoughts concerning the institution and the department that students are afraid to express directly to the lecturers.

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

• Faculty or technical people from the equipment / instrument suppliers conduct frequent training programmes to improve their skills in handling and maintaining them in laboratories. • Supporting personnel are encouraged to complete their education in order to advance their careers. • Appointed to the appropriate next level based on experience and qualifications. • Stress-reduction and personality development programmes are held. • Computer training for office personnel so that they can handle online student acceptance and registration.

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

Establishment of the Institutes IQAC committee • Use of ECAP for academic and administrative purposes • Syllabus revision using an outcome-based approach • Define course results, programme educational outcomes, and programme outcomes for all of the institutes programmes. • All classrooms have access to WiFi. • The Institutes Academic and Administrative Audit. • Attendance biometrics for all employees.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes

c)ISO certification	No
d)NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!					
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Academic promotion information sessions for women	09/08/2017	09/08/2017	39	4
Role of women in society	04/01/2018	04/01/2018	51	2

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

Percentage of power requirement of the University met by the renewable energy sources
1.38

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	6
Provision for lift	No	Nil
Ramp/Rails	Yes	23
Braille Software/facilities	No	Nil
Rest Rooms	No	3
Scribes for examination	Yes	1
Special skill development for differently abled students	No	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
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		community					
2017	1	1	28/08/2017	01	Awareness on Seasonal Diseases	Prevention of Seasonal Diseases	46
2018	1	1	27/01/2018	01	Awareness on Prohibition of Alcohol	Health Issues	38
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
The Hand Book of Code of Conduct	05/06/2017	<p>CODE OF CONDUCT STUDENTS ? Wearing of identity card and uniform is mandatory within the college campus. ? Student should attend classes regularly and on time. ? Student should participate actively in different outreach programmes organized by the N.S.S in extracurricular activities and in sports.</p> <p>? Use of internet, computers, laptops, and tablets by the students within the college campus, should be strictly restricted to academic purpose only. ? Usage of Mobile phones are strictly Prohibited. ? Smoking and drinking is strictly prohibited within the college campus. ? Student should strive hard to maintain and improve the cleanliness of the college campus. ? Any damage caused to college property will be considered as punishable offence. ? 80 of the current value is to be recovered by the college library in case of any loss or damage of any book issued to a student by the college library. ?</p>

Presence of every student is mandatory in the induction meeting chaired by the principal or convened by the Department on commencement of an academic session. CODE OF CONDUCT TEACHERS

Discipline and Conduct: ?

Reasons for the Disciplinary measures: ?

Neglect of duty. ? Want of due diligence in the performance of duties. ?

Dereliction of duty connected with work related to the University examinations. ? Engaging in any unauthorized work, gainful or otherwise. ?

Violation of orders regarding attendance and discipline . ?

Misappropriation and deflection of college fund. ? Insubordination or disregard or violation of the written orders of the superior authority. ?

Bring or attempt to bring any political or other outside influence to bear upon any superior authority to further her/his interests in respect of matters pertaining to her/his service in the college. ?

Failure to adhere to published rules/regulations. ?

Commission of any offence involving moral turpitude. ? Damage or misuse of college property or data. software licensing and other similar violation.

? Falsification of attendance, employment application, and/or other records/documents. ?

Unauthorized / unverified comment in the public that will cause false alarm, disrepute, inaccurate representation

in the public mind about the college. ? Conviction by a criminal court. ? Talking of illegal gratification. ? Tempering with official records. ? Unauthorized absence. ? Being in the college premises intoxicated state and or in possession and / or in use of illegal drugs or controlled substances. ? Being the college premises with possessions or use of weapons. ? Bigamy. ? Engaging in sexual harassment of colleagues and students. ? Declining of assignments related to invigilation/paper setting/ evaluation of University Examination without any reason.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Celebration of Independence Day	15/08/2017	18/08/2017	223
Engineers day	14/09/2017	14/09/2017	103
No file uploaded.			

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

- Plantation is set in majority places of the campus and maintained to make campus as eco friendly.
- Sprinkler system is used for Greenery and Lawns.
- Rain water harvesting has been initiated as method of environment concerns.
- Adequate publicity is given in the campus to bring awareness among all students and faculty about conservation of environment by saving power, water and to avoid plastic.
- Underground drainage system is maintained.
- The institute arranged specific parking zones to assure a pollution free environment as part of carbon neutrality maintenance.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

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

the academic performance of the student as per the university guidelines. This activities based on the education can make the transition between academic to work environment and life easy. It not only boost students' employment prospects but also the confidence level among students to meet in real life challenges. The Practice: Based on the schedule of academic calendar provided by the University, RIET College prepare its own calendar of events. In order to bring change in the skill levels of the students RIET college conducts competitions, workshops, presentations and organizes guest lectures to make the students familiar with the working principles of the corporate world. College conducts number of motivation classes to the student to encourage them to focus on their OBE along with the theoretical knowledge. RIET's mission of imparting quality education with an emphasis on OBE and social relevance strategically has transformed the campus environment through its curriculum infrastructure and emphasis on more labs, major projects, workshops etc which gives students hands on experience. Evidence of success: RIET created an excellent infrastructure in terms of spacious labs, equipped with 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. Best Practices 2 Title of the practice: Enhancing the Employability Skills and Placements of Graduates • Pre placement training programs on aptitude skills, verbal, reasoning skills to enhance, guide and support students employability skills. • To help students communicate more effectively with employers about their skills, subject knowledge and carrier and potentiality. • Carrier counselling and guidance are provided to the students. • Explicitly linking learning outcomes with employability skills • The skill and other quality that enhanced application of subject knowledge the ability to critically analyze synthesize and challenge information. • To develop practical skill and professional awareness among students. • To provide awareness on latest technologies to make the students ready to face the challenges of modern world. The context: English has become a global language today. Communication skill in English along with technical knowledge enhances the employability skills of students. All the students' inspite of Telugu medium or English medium background must possess good communication skills. To get equipped with good communication skills students require to undergo regular soft skills, communication skills, inter personal skills etc., right from their first year. Ever changing Technological Advancements in engineering and technology urges the students to expose themselves to latest software tools and gain knowledge on latest developments in their core subject. Further exposure to the industry in the form of training and projects, helps the students to gain knowledge on industrial Technology and development. The Practice: A good personality and proper attitude is essential for a student to achieve their successful career. The foundation for a professional carrier is laid in student

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

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

http://www.rietrjy.co.in/files/NAAC/best_practices_naac.pdf

7.3 – Institutional Distinctiveness

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

Rajamahendri Institute of Engineering and Technology popularly known as "RIET" was established in 2008 near Pidimgoyyi in Rajahmundry by "The Swarnandhra Educational Society" pioneered by Technocrats, Academicians and Philanthropists with a concrete plan to offer excellence in technical education and to meet the present as well as the changing needs of the corporate sector. Vision: The vision of the college is "to develop RIET into an Institution of Excellence in Engineering Education at Graduate level, Post graduate Level and to carry out

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

Provide the weblink of the institution

<http://www.rietrjy.co.in/index.php>

8.Future Plans of Actions for Next Academic Year

? Establishment of Research Development Centre ? To embrace technology and digital initiatives, further to the development of skills and research and enable our students to have access to lifelong learning, we shall aim to become a leader in technology enabled teaching - learning and research institution. ? To Organize State / National level Conferences, Paper Presentations project competition ? To initiate new Techniques in developing the students to face modern methods of Personality Tests and Interviews ? To establish collaboration and exchange program for faculties with reputed institutes like IITs and NIITs.