Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**RAJIV GANDHI COLLEGE OF ENGINEERING AND TECHNOLOGY**
Name of the head of the Institution	**Dr E Vijayakrishna Rapaka**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**04132615308**
Mobile no.	**9367600780**
Registered Email	**info@rgcetpdy.ac.in**
Alternate Email	**principal@rgcetpdy.ac.in**
Address	**Pondy-Cuddalore Main Road, Kirumampakkam, Puducherry**
City/Town	**Puducherry**
State/UT	**Puducherry**
Pincode	**607403**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr K Ayyappan**
Phone no/Alternate Phone no.	**04132615309**
Mobile no.	**9500772277**
Registered Email	**iqac@rgcetpdy.ac.in**
Alternate Email	**ayyappan_ece@rgcetpdy.ac.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.rgcetpdy.ac.in

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.rgcetpdy.ac.in/Circular/April%202018/Circular%20(10.04.2018)Academic%20Calendar%202018-19(Odd%20Sem).pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**A**	**3.05**	**2017**	**27-Nov-2017**	**26-Nov-2022**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**21-Mar-2017**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
No Data Entered/Not Applicable!!!		

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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 :	**6**
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)

• **Development of quality benchmarks/parameters for the various academic activities of the College.** • **Feedback through Class committee meetings, Student meetings, Parent meetings** • **Organisations of inter and intra institutional workshops, seminars on quality related themes and promotions of quality circles.** • **Effective Mentoring system with close monitoring and counselling.**

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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
Applying for University Affiliation and AICTE approval	Obtained Affiliation from University and approval from AICTE
Applying for NBA Reaccrediation	Process is initiated
Initiate social responsibility activity	Programme conducted by NSS
Collection of feedback from students on	Online feedback from students in each

teachers' performance in the class.	department at semester end are collected and analysed
Encouragement to students to enroll in online/ MOOC courses	Good no. of students enrolled in NPTEL /Spoken Tutorial/GUVI Certification Courses.
Placement & Training	Good Placement achieved
Physical Education	Many students have participated in National and state/University level sports activities and have won around several medals
Entrepreneur Development Cell	Along with CII, students are trained with industry persons on latest industry standards.
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Governing Council	**12-Oct-2019**

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**No**
16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2019**
Date of Submission	**25-Feb-2019**
17. Does the Institution have Management Information System ?	**Yes**
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**1. Students Daily Attendance 2. SMS Service 3. Internal Assessment Entry 4. Assessment Report Generation 5. Feedback system 6. Timetable Management 7. Student Database**

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 College follows the curriculum designed by Pondicherry University, Puducherry. At the beginning of every academic year, the college chalks out an

academic calendar. The proposed academic calendar is prepared according to the notices and circulars received from the affiliating university. Students are informed about the academic calendar of the college notifying the probable teaching days, dates of internal examinations, curricular,extension related and co-curricular activities. Orientation programme is organized every year for newly admitted students to make them aware of the mechanism for curriculum delivery and implementation. For implementation of curriculum, teachers have included teaching methods such as presentation, assignments, and seminars for effective teaching. The department allocate subjects to teachers and prepare time table. The teachers prepare the teaching materials and delivery content. The teaching plan is prepared by the individual department under the guidance of concerned staff council. Various Course Delivery Methods are: Lectures: Lectures are used to convey information, history, background, theories and equations of engineering practice. Lectures are used to relate engineering practice with ethical issues. Lectures are also used to expose the students to contemporary issues and the need for life-long learning in the appropriate societal context Class presentations: Presentations are given to illustrate ideas and concepts in intricate graphical and animation form effectively communicate the working of actual engineering solutions and their impact. Tutorials: The tutorials help the students in developing better understanding of the subjects and Clarifying their doubts that could not be taken up during lectures and problem solving abilities Lab experimental work: Laboratory work demonstrates how theory can be verified by experiments through interpretation of results Simulations and experimental exercises: Simulations are used to explain the concepts in a better way ELearning: identifying online resources for self-learning - NPTEL videos,Case Studies / Technical reports,Webinar,Edusat,IIT Bombay spoken tutorial

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
No Data Entered/Not Applicable !!!					

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

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

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
No Data Entered/Not Applicable !!!		

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

	Certificate	Diploma Course
No Data Entered/Not Applicable !!!		

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

Spoken Tutorial Python	02/01/2019	173
Spoken Tutorial Scilab	02/01/2019	12
Spoken Tutorial Introduction to Computers	02/01/2019	22
NPTE:L Principles of Communication	28/01/2019	12
Spoken Tutorial PERL	02/01/2019	31
Spoken Tutorial CPP	02/01/2019	30
QCAD	01/04/2019	80

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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	BME	79
BTech	MECH	22
BTech	IT	2
MBA	Nill	2

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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

The institution collects the feedback on curriculum aspects and courses from different stakeholders such as the students, alumni, Faculty and Employers. Institution is concerned to ensure and analyse the academic excellence at student and faculty levels. Periodical analysis is made by Institution from the following: student performance, faculty performance in every semester, utilization of infrastructure and requirements for quality enrichment. The college maintains an IQAC as a quality consistence and quality enhancement measure. In supervision of IQAC, various departments and committees like Placement and Training, AntiRagging and grievance redressal Committee, etc reinforce the curriculum by incorporating updated information and diurnal social issues. Institute collects the feedback physically from stockholders viz. Students, Parents and Teachers on Curriculum which is prescribed by the university, further college website invites ala stockholder to provide feedback through online. The college conducts occasional Alumni Meet, in which suggestions and feedback is received from Alumni students. Feedback from industrial management, R D establishments and professionals is obtained through college website's feedback blog. The provided feedback data is presented to the Academic Council Meeting for necessary implementation in curriculum. • Alumni

surveys are conducted during alumni interaction at the alumni association meeting held every year • Whenever any alumni visit the college, feedback is taken • Further, college website invites alumni to provide feedback through online. • Feedback from industry, R D establishments, professional bodies also are obtained

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	ECE	120	70	47
BTech	IT	60	40	31
BTech	EEE	60	17	11
BTech	BME	120	132	102
MCA	Nill	60	30	25
MBA	Nill	60	50	47
Mtech	CSE	18	4	4
Mtech	WC	18	1	1
BTech	CSE	120	69	59
BTech	MECH	120	60	50
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	1385	112	96	19	17

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
120	120	10	10	1	5
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Mentoring Activities: 1. Each class has a classadvisor 2. College conducted induction program for 1st year students on the following topics – Introduction of college Various activities conducted by the college faculties Examination pattern Career Opportunities 3.Skilled development workshops are conducted every year for employability enhancement of the students. 4.Placement cell conducts, various guest lectures and workshops for

better career opportunities for the students and give guidance about competitive examinations. 5.Through various departments, students are sent for Internship 6.Advice need based mentoring is done on personal issues of the students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1563	120	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
141	120	21	17	22

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
No Data Entered/Not Applicable !!!			
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	UG	ODD/2018	07/12/2018	21/01/2019
BTech	UG	EVEN/2019	22/05/2019	04/07/2019
MCA	PG	ODD/2018	03/12/2018	20/02/2019
MCA	PG	EVEN/2018	23/04/2019	24/06/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Internal Evaluation System: Assessment of performance is an integral part of teaching and learning process. As a part of sound educational strategy, the institution adopts Continuous Internal Evaluation (CIE) System to assess all aspects of a student's development on a continuous basis throughout the year. • Orientation on Evaluation Process: Students are made aware of the evaluation process through the following initiatives: • Teaching Plan contains evaluation procedures • Academic Calendar with CIA Exam dates • •Evaluation process are done through Tutorial hours • Display in the College and Department Notice Board • Result Analysis Review Meeting: Result Analysis is done by the class tutors after every Test. Pass percentage of each course is calculated by dividing the total number of students appeared and passed in each course. The performance of the students is monitored by the Principal and the necessary feedback is given to the concerned faculty members. The Principal conducts Review Meetings department wise to give necessary feedback for the improvement of students' performance. • Progress Reports Parents Meetings: The institution is keen on monitoring the performance of the students and reports to the

Parents. Progress Reports are sent by the tutors to the parents after each of the test. Parents/ Guardians are advised to note the performance of their wards and take remedial measure if needed. Whenever necessary, the tutor shall recommend the visit of the parent to the college for a discussion about the student. • Remedial Classes are conducted for the slow learners, absentees and the students who participate in Sports, NSS activities and Placement Interviews. This practice helps struggling learners to update their subject knowledge and helps them to catch up with their peers.

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

• Our academic calendars provide important information about teaching dates examination dates extra cocurricular activities, semester based and annual based examinations. • Before the commencement of every semester respective departments prepare a detailed study plan, assignments for the individual teachers and the number of classes allotted to each course. On the basis of this the HODs Committee prepares a detailed timetable and academic calendar for the entire semester. • Finally, this is distributed to the departmental teachers and the students and also made available on college Website. • The effectiveness of the process is maintained through effective monitoring by the Principal/VicePrincipal. The Principal/Vice Principal sees to it that all departments follow academic calendar. • The college has a vibrant culture of instilling inquisitiveness and scientific temper among the students through a number of activities.

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.rgcetpdy.ac.in/CSE-2014-15_syllabus.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
UG	BTech	BME	79	57	72
UG	BTech	EEE	30	19	63.33
UG	BTech	CSE	85	68	79.06
UG	BTech	IT	30	30	100
UG	BTech	MECH	83	67	80.72
UG	BTech	ECE	63	51	81
PG	MCA	Nill	35	35	100
PG	MBA	Nill	33	32	97
PG	Mtech	CSE	1	1	100
PG	Mtech	WC	1	1	100
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2.7 – Student Satisfaction Survey

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

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
Major Projects	1095	Plasma Fusion Research Committee (PFRC), BRNS, Department of Atomic Energy, India.	4338356	288750

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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
No Data Entered/Not Applicable !!!		

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

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

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

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

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
No Data Entered/Not Applicable !!!		

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

Name of the Department	Number of PhD's Awarded
No Data Entered/Not Applicable !!!	

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	ENGG	7	5.87
National	PG	3	1

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

Department	Number of Publication
No Data Entered/Not Applicable !!!	
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						
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 !!!						
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	4	13	2	10
Presented papers	16	6	0	0
Resource persons	0	0	1	0
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3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
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 !!!			
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government

Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
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
No Data Entered/Not Applicable !!!			
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
No Data Entered/Not Applicable !!!					
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
No Data Entered/Not Applicable !!!			
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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
25000000	21033596

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar halls with ICT facilities	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
AUTOLIB	Fully	4	2005

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
No Data Entered/Not Applicable !!!			

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	650	5	80	1	1	6	18	100	0
Added	0	0	0	0	0	0	0	0	0
Total	650	5	80	1	1	6	18	100	0

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

100 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
No Data Entered/Not Applicable !!!	

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
18000000	15499888	7000000	5533708

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)

The college ensures optimal allocation and utilization of the available financial recourses for maintenance and upkeep of different facilities by holding regular meetings of various committees and using the grants received

the college as per the requirements in the interest of students. Laboratory: Record of maintenance account is maintained by lab technicians, Lab In charge and supervised by HODs of the concerned departments. Maintenance of laboratories are as follows: The calibration, repairing and maintenance of sophisticated lab equipment's are done by the technicians of related owner enterprises. Library: 1. The requirement and list of books is taken from the concerned departments and HOD's are involved in the process. The finalized list of required books is duly approved and signed by the Principal. 2. To ensure return of books, 'no dues' from the library is mandatory for students before appearing in exam. 3. Other issues such as weeding out of old titles, schedule of issue/ return of books etc. are chalked out / resolved by the library staff. 4. Autolib software used for automation. 5. Bar coding system followed. 6. DELNET facility is available to search articles in multiple databases 7.SWAYYAM NPTEL, Spoken Tutorial Ematerials are available. Sports: Regarding the maintenance of sports equipment the college sports in charge is deputed. D Computers: 1. Centralized computer laboratory established to enrich the students. 2. Each Department having appropriate computer for their requirements. 3. Internet and WIFI Enabled campus. Classrooms: 1. The college has various incharges for maintenance and upkeep of infrastructure. At the departmental level, HODs submit their requirements to the Principal regarding classroom furniture and other. 2. Department HODs will take in charge for student's academic requirements. Additionally: 1. There is lab instructors in every department, who maintains the stock register by physically verifying the items round the year. 2. Department wise annual stock verification is done by concerned Head of the Department. 3. Regular maintenance of Computer Laboratory equipment's are done by Laboratory Assistant along with Laboratory attendant and they are headed by the faculty incharge. 4. Regular cleaning of water tanks, proper garbage disposal, pest control, landscaping and maintenance of lawns is done by Institute concern Employees. 5. College campus maintenance is monitored through regular inspection. 6. Upkeep all facilities and cleanliness of environment in men's and women's hostel is maintained through Hostel staff. 7. Outsourcing is done for maintenance and repairing of IT infrastructure such as computers, internet facilities including WiFi and broadband. 8. Updating of software's is done by lab assistants. 9. Outsourcing is done for the maintenance of wooden, furniture, electrification, and plumbing. 10. Regular maintenance of the water cooler and water purifier is done regularly. 11.The maintenance of the reading room and stock verification of library books is done regularly by library staff. Administration • Prezenta automation is used for Students Information System that includes Internal mark Analysis, Students Daily attendance, Daily SMS alerts to parents and students feedback. • Biometric finger print system was used for faculty attendance • Existence

http://www.rgcetpdy.ac.in/

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
	No Data Entered/Not Applicable !!!		
	View File		

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
No Data Entered/Not Applicable !!!					
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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
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
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	Depratment graduated from	Name of institution joined	Name of programme admitted to
No Data Entered/Not Applicable !!!					
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
No Data Entered/Not Applicable !!!	
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
View File		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
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)

College creates a platform for the active participation of the students in the various academic administrative bodies including other activities. This empowers the students in gaining leadership qualities, rules, regulations and execution skills. Its selection, constitution, activities and funding • Each council has a representative council, which is called Class Committee and includes student members too. • The student members bring forward the views and suggestions of the entire class with respect to the faculty, subjects, syllabus and other things related to the class • The composition of student members is of one topper, one average and one slow learner (the one who has more integrity with other students) of each section are nominated as class representatives, for all the sections from I Year to Final Year. • The Student Council helps students share ideas, interests, and concerns with lecturers and principal. They often also help raise funds for wide activities, including social events, community projects, helping people in need and college reform. • Various programs like paper presentations, workshops and seminars are organized by these bodies every year. • The student representatives also participate in the preparation of college calendar every year to plan college activities Department wise. Especially Department symposia are completely planned, organized and conducted by the students under the supervision of the faculty. The students involve themselves in events such as hostel day, Independence day, Republic day and various club activities. Each club has several students who take on leadership roles and organize the events and get very good exposure. • The student representatives also actively participate in Sports committee, cultural committee, magazine committee, calendar committee etc. The college provides ample avenues for developing technical skills, updating knowledge, personality development and service to the society through various Associations and Societies. There is a staff advisor to guide the students in the smooth and effective functioning of the Associations.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The institute is in the process of forming a registered Alumni Association. On the way with this the powerful and glorious initiative, the department has started making the alumni to join whatsApp group started by the institute to keep the Alumnus intact.

5.4.2 – No. of enrolled Alumni:

0

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

15000

5.4.4 – Meetings/activities organized by Alumni Association :

0

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 follows the policy of decentralization. The Management delegates all the academic and nonacademic decisions based on policy to the HODs Council headed by the Principal. The HODs Council formulates common working procedures and entrusts the implementation through departments. The department coordinator manages the day to day activities of the department and keeps a track of cocurricular and extracurricular activities in the College. Other units of the college like sports, arts, library etc. have operational autonomy under the guidance of the various committees/clubs/associations and students are involved from various departments in the decisiontaking process Placement and Training Cell involves the Placement officer , faculty mentors and the student body .The whole purpose of the center is to guide and counsel the students on their career options. The guidance is based on indepth conversation between the mentor, Cell representative and student given the strength and weaknesses of the student concerned. Parents are also taken in confidence during the whole process.

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	Curriculum is developed by the affiliating University. The members of Faculty on various boards send suggestions for improvement. •The department follows a systematic process in the design and development of the curriculum. •Feedback from each course teachers is collected by the respective coordinators which is consolidated and forwarded to the board of studies to be considered at the time of revision •Seminars/Group discussion/presentation are highly encouraged enrichment courses to support regular academic courses, soft skills training program for final year UG students •special guidance is given to students for qualifying exam like GATE
Teaching and Learning	Apart from class room lecture method Group discussions, field studies, seminars are used for teaching. Peer learning is promoted in and outside the class. NPTEL, Spoken Tutorial , GUVI online classes are provided Industrial visits are arranged on requirement basis •Departmental meetings are arranged periodically to review the progress of the academic plan for the current year. Appropriate measures are taken through extra classes. Semester

	Precommencement Preparations • Lesson plans are recorded in the log book. • Course learning Objectives and Course Outcomes • Topic learning Objectives and Outcomes • Course notes • Updating the library with appropriate books as suggested by the faculty • Modifying the laboratories to cater for the needs of revised syllabus and new technology Internal I and II • Assignments and seminars, projects
Examination and Evaluation	1. Two internal tests are conducted per semester and model examination is conducted at the end of semester. 2. End semester examinations are conducted twice in a year.
Research and Development	Yearly paper publications by all faculties are made compulsory for proper performance appraisal. • Institute provide 16 SPCL for the faculty for the research and development purpose and further enhancement of their knowledge. • The faculties are encouraged to attend FDPs, Workshops, Seminars and Conferences from different organizations. • Most of the faculty are involved in research and have published research articles in many international journals.
Library, ICT and Physical Infrastructure / Instrumentation	1. The college has central as well as departmental library to provide key resources to augment the teachinglearning process as follows: • Library timings functions on Week Days : 8.45 A.M. to 5.00 P.M. • Sunday : Holiday 2. All the reading rooms in the Library have been airconditioned to provide a congenial atmosphere to users. All details of the Library collections are fed into the Computer to provide Online Public Access Catalogue (OPAC) to the users. 3. In view of the latest development and future needs the Library is well equipped in terms of the number of Books, Back volumes, CDs, Pamphlets, Project Reports, Print Periodicals Online journals, NPTEL video Lectures. As a part of Digital Library, Digital Resource Centre is functioning in the Library. The Centre has the source of 6, 50,000 Online documents and 3,142 Journals through DELNET. 4. Virtual Interactive class room video conferencing facility is available.

Human Resource Management	After careful scrutiny of the resumes, interviews are scheduled for short listed Candidates. • Selection of candidate is done strictly on the basis of qualification experience. • The evaluation of teaching skills, conceptual Clarity communication skills and confidence is carried out by the Director of the institute for finally selecting the best talent for the organization. • Faculties are recruited as per the norms of AICTE and affiliated University. Every department has adequate number of qualified, dedicated and enthusiastic faculty. • Faculties and Staff are recruited by a panel consists of Principal, University nominee, HoD and Expert committee. • The recruitment process is done by online tests, technical interview and personal interview.
Industry Interaction / Collaboration	Students happen to interact with Industry people in Industrial visit. • Placement faculties also keep in touch with HR of different companies in order to exploit the relation as and when required.
Admission of Students	The admissions of the students are strictly followed as per rules and regulation based on the Government of Puducherry and AICTE norms • This consist single window system procedure for the government quota students and through the consortium of self financing engineering colleges for the management quota students. • There is a Common Entrance Test (CENTAC) for admission under the Government quota.

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

E-governace area	Details
Student Admission and Support	yes
Examination	yes
Planning and Development	yes
Administration	yes
Finance and Accounts	yes

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

No Data Entered/Not Applicable !!!
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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)
No Data Entered/Not Applicable !!!						
View File						

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
17	17	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
• Medical leave provision is given to the faculty based on the request. • Maternity leave provision is given to the faculty and staff members. • Loan facility. • Faculty members are allowed to avail winter and summer vacation. • Onduty leave is provided to faculty members for attending various conferences, workshops, seminars and FDPs. • SPCL is provided to faculty members for University Examination duties (External Examiner, Observer and Paper Valuation). • The Management encourages the faculty members for	• The management contributes an amount equal to employee share for EPF with pension schemes • Medical leave provision is given based on the request. • Summer and winter vacation	• Fees concession for the students having good academic background. • Scholarships provided by Pondicherry Government. • Medical assistance to students: Health center and Health insurance etc. • Skill developmentSpoken English, French, Computer Literacy, IAS Coaching etc. • Practical knowledge training. • Work along Programme.

pursuing Ph.D programme by providing adequate number of on duty leave.		

6.4 – Financial Management and Resource Mobilization

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

The institute has a mechanism for internal and external audit. We have our own internal audit mechanism where internal audit is an ongoing continuous process in addition to the external auditors to verify and certify the entire Income and Expenditure and the Capital Expenditure of the Institute each year.The institutional accounts are audited regularly by both Internal and statutory audits.

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
Nil	0	0
No file uploaded.		

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nill	Yes	IQAC
Administrative	No	Nill	Yes	MANAGEMENT

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

ParentsTeachers meeting are regularly conducted for the betterment of the students in their studies. The queries posted by the parents are noted and would be solved immediately. This meeting would facilitate the parents to convey their ideas for their wards better. ParentsTeachers meeting regarding Training and Placement are conducted for the betterment of the students. Internal Assessment Report send to parent Student's absent message is send to parents every day. Mentorship scheme is going on for all students. The parents are informed and meeting with respective mentors are conducted if needed. Continuous processes of parentteacher communication via meetings, telephonic conversation are done.

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

•Support staff members are encouraged to continue their higher studies. •Computer literacy programme is conducted for their benefit. •Programme for support staff members were conducted to equip them with all possible skills for their professional growth and institutional growth.

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

1 Establishment of feedback based mentoring system 2. Alumni association formation

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
2019	QUALITY EDUCATION MANDATE	08/01/2019	08/01/2019	08/01/2019	120

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
WOMEN'S DAY CELEBRATION	09/03/2019	09/03/2019	200	50

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
Water harvesting unit waste management Tree plantation inside around the campus and regular maintenance of beautiful landscape. Tobacco and smoke free zone. Best efforts are made to keep the campus plastic, Thermocol Polythene free. Initiatives like lectures and rallies for environment awareness.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	20
Rest Rooms	Yes	20

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
No Data Entered/Not Applicable !!!							
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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)
No Data Entered/Not Applicable !!!		

7.1.6 – Activities conducted for promotion of universal Values and Ethics			
Activity	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!			
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Energy conservation: • The College conducts awareness programmes on energy conservation and adopts measures to ensure that energy is conserved wherever possible. • Class rooms in this block have very wide and long windows with a high roof which ensures that the use of lights and fans would be minimum as ventilation is naturally enhanced • Tube lights are used instead of incandescent bulbs wherever the natural lighting is insufficient to minimize power consumption. The institution strictly observes to see that no electric equipments run unnecessarily. Thus enough measures are taken to use electricity carefully. • Almost all the computer monitors in use are either LED or LCD types to ensure minimum usage of electricity and also to reduce the level of radiation Efforts for Carbon neutrality • Plantation of trees and green grass in the college front end. • The College has made arrangements for the parking of the vehicles of the students and staff near the entrance. This helps in keeping the campus as much clean as possible. Plantation • Tree plantation drives are organized regularly to create clean and green campus. The NSS of the college take up planting saplings regularly. • Planting of tree saplings by chief guests during their visits to the college for various functions. Hazardous waste management The college generally does not generate any hazardous waste in any manner. However, the college strives to generate minimal waste and tries to reduce the use of plastics whenever possible. • Use of pesticides and other harmful chemicals in the garden is replaced by adopting organic methods of gardening wherever possible. • In order to dispose the acid fumes, chemistry labs are equipped with exhaust fans. • Mild chemicals are used for cleaning and maintaining the campus. Ewaste management • Printer Cartridges are generally refilled and not disposed. Wherever refilling is not possible, the cartridge is returned to the manufacturer. • Paper waste is sold off to vendors who send it for recycling. • Computers in satisfactory working condition, but are obsolete for the system, are usually used for teaching – learning purposes of Computer Architecture and Hardware courses. Similarly, computer parts and peripherals are reused in other systems. The management has evolved a procedure for e – waste wherein the individual departments in the college store the waste and once in six months it is collected by a designated person from the management.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Inauguration of Various Cocurricular and ExtraCurricular clubs Goal: To achieve the holistic development of students that may help them to showcase their talent along with their academic skills. The Context: Wholesome development of a student is given much importance in this college. This would build selfconfidence in students that makes them wellprepared for facing the tough competitions in this world. The Practice Various clubs that cover the Research arenas, Sports, Arts, Management activities were inaugurated and student members were instantiated. Faculty coordinators were made available to guide the student incharges as and when needed. Evidence of success: The evidence of success is visible, qualitatively as well as quantitatively. The qualitative indicators are a more positive outlook towards life, improvement in etiquettes and desire to understand things rather than learning by the rot. The quantitative indicators for learners who actively participate in cocurricular

activities are that they show improvement in academic performance. The results bring some prominent factors to light. Some of the factors are that students when shown the right direction and given the right encouragement can achieve the goals they desire. Holistic development rather than only academic success contributes in creating socially sensitive individuals which is a prominent requirement of educational institute. Problems encountered and Resources Required: Resources in terms of finance and experts are continuously required to consistently keep the flow of the club events. This is not available consistently. Best Practice – II 2. Student mentor system Goal: Providing individual attention to students and guiding them at every instance is the need of the hour. Rajiv Gandhi College of Engineering takes pride to successfully introduce student mentor system, where students are shown the right path and monitored throughout The Context: Challenging issues: • Integrating industry and involving them in designing the curriculum for the add on programs • Updating teaching fraternity on par with industry requirements. • Motivating students to pursue the addon programs. • Maintaining student mentor relationship with a positive approach The Practice: The college is affiliated to Pondicherry University and hence the syllabus and curriculum is followed as per the university guidelines. However all the courses offered at RGCET are applied and there are ever changing needs of the industry both in skills and practice. In lieu of this we have introduced add on programs to cover many industrially relevant aspects. The challenge behind this bringing in industry and academia on to the single platform. Regarding second best practice is to have consistency in mentoring system. Bringing this concept into students and teachers and educating them about the advantage of the system is challenging task. Semester system and lack of time and tight schedules for regular academic activities create problems to teachers to pay individual attention. But this practice is ever improving at RGCET with constant effort of teachers. Evidence of Success The evidence of success is students are placed in reputed industries of them are absorbed either in the same industry or related job. Problems Encountered and Resources Required: Implementation of add on courses/workshops was a done successfully except for logistics and time. As all the courses are of semester mode and time is a constraint as the prescribed curriculum of the University had to be simultaneously completed. Sustaining student interest and mentor ability in completion of the course was a challenge.

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

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

Awareness Classes for jobs advertised by UPSC, SSB and Banking sectors. Mentoring system

Provide the weblink of the institution

8.Future Plans of Actions for Next Academic Year

1. Construction of Auditorium 2.Construction of ICT based Classrooms 3.To hold University /Inter college championship of different Games 4. To apply for National Board of Accreditation 5. To start skill based /value based development courses 6. To initiate Incubation centers