



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution	P S N A COLLEGE OF ENGINEERING AND TECHNOLOGY
Name of the head of the Institution	Dr.D.Vasudevan
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	04512554032
Mobile no.	9443163841
Registered Email	principal@psnacet.edu.in
Alternate Email	contact@psnacet.edu.in
Address	Kothandaraman Nagar, Muthanampatty
City/Town	Dindigul
State/UT	Tamil Nadu
Pincode	624622

2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	Self financed
Name of the IQAC co-ordinator/Director	Dr.P.Jaganathan, Ph.D
Phone no/Alternate Phone no.	04512554418
Mobile no.	9486949875
Registered Email	iqac@psnacet.edu.in
Alternate Email	hodmca@psnacet.edu.in

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	http://psnacet.edu.in/aqar1819.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://psnacet.edu.in/psna_aca_cal2019-20.html

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A	3.17	2017	15-Feb-2017	15-Feb-2022

6. Date of Establishment of IQAC	02-Jul-2016
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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
Quality Enhancement through self-Evaluation	24-Jun-2019 1	300

Student Induction Programme(SIP) for year students	01-Aug-2019 21	920
Six Days Short Term Training Program (STTP) on	10-Jun-2019 6	45
Workshop on Spring Framework	25-Jan-2020 1	120
One day workshop on	07-Mar-2020 1	100
Twelfth national conference on Next Generation Technologies on Computing and Communication (NGTCC	20-Mar-2020 1	30
Self development workshop on python in machine learning	13-May-2020 1	90
Webinar on Future Cloud	28-May-2020 1	100
Get ready for the CAREER RACE	29-May-2020 1	120
Webinar on How Artificial Inteligence is changing everything	30-May-2020 1	120
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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
CIVIL	Major project	AICTE	2019 730	1346667
ECE	Major project	AICTE	2019 1095	1347000
ECE	Minor project	DST	2019 180	721824
CSE	STTP	AICTE	2019 6	380666
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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

3

year :	
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)	
1. ANTI RAGGING Squad Committee formed 2. Special Classes for slow learners and fast learners arranged 3. Analyzes of Academic and Administrative Audit 4. Department wise criterion in charges fixed for NAAC Process 5. Centralized Exam cell	
No Files Uploaded !!!	
13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year	
Plan of Action	Achievements/Outcomes
Strengthening the internal test evaluation	Developed evaluation audit format and implemented
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14. Whether AQAR was placed before statutory body ?	Yes
Name of Statutory Body	Meeting Date
Governing Body	12-Apr-2021
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	02-Aug-2019
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	30-Jan-2020

<p>17. Does the Institution have Management Information System ?</p>	<p>Yes</p>
<p>If yes, give a brief description and a list of modules currently operational (maximum 500 words)</p>	<p>Ecoleaide - A 21st century Institution Management System, specially designed to automate the manual educational processes. It offers actionable insights to all the stakeholders across student performance, staff management, leave management, fee management for informed decisionmaking and proper functioning of the institution. The following activities will be carried out under Student module they are student profile creation, promotion Transfer, roll generation, Group generation, Course completion, roll and group search. Under the Staff module, the following submenus are presented they are staff profile creation and staff feedback. Under the Attendance module, the following activities will be carried out they are Attendance entry, special attendance, view attendance, pending attendance and attendance entry status. Under the Evaluation module Series test and university mark entries are available. In the feedback menu, bulk feedback can be assigned. Under the Transportation menu, passenger details, vehicle details, Routes and trips are available. Under the Hostel module, Hostel rooms, room allocation, room vacate, movement registers are available. Under the Report menu, Student report such as student analysis report, portal login history, Student custom report can be taken. From the Staff report menu, staff custom report can be viewed. From the Attendance report, Special attendance, subject attendance, class wise attendance can be checked. Under the Evaluation report, Class progress, Evaluation custom report can be monitored. From the Feedback report, feedback results, feedback custom report can be taken.</p>

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

Academic Calendar of the departments is prepared in the beginning of every semester in accordance with the academic calendar of Anna university. The department Academic calendar consists of the dates of the serial tests, university practical examinations, theory exams and tentative dates of co-curricular and extracurricular activities such as guest lectures, workshops, training programs, symposiums, club activities and industrial visits. The courses are allotted to the faculty members well in advance by the head of the departments based on the teacher's preference and subject expertise. In turn the faculty members prepare the lesson plan, course file, course material and lab manuals well before the semester begins to the head of the departments for scrutiny. Class time tables are prepared and displayed in department notice boards, class rooms and college web portal. After the commencement of semester, the lessons are covered as per the lesson plan and the same is reviewed by the HOD once in a month through the class records and interactions with faculty and students. Senior faculty member serve as the class coordinator for all classes. Class coordinators sorts out the academic problems faced by the students. Class coordinators coordinate the students for curricular activities and make sure that the students are disseminated with the necessary information. The pass percentage in the serial tests serves as a guideline for faculty members to ensure the degree to which students are able to understand the subjects. Accordingly the faculty members plan their content delivery. The weak students are identified based on the performance in the serial test. The special time table is prepared to conduct the special coaching classes for the weaker students. All the classrooms are equipped with multimedia projectors and screens so that the faculty members can use ICT for effective teaching. Charts, working models are used in the classroom and laboratories so that the students learn concepts clearly. The new technologies and techniques are imparted to the students. Apart from class room teaching, students are engaged in group discussions, seminars and peer learning towards their placement preparation. Subjects involving mathematical problems are provided with necessary tutorial classes. The departments also have separate tutorial rooms, which are used for students to solve mathematical problems. Laboratory manuals are prepared by the faculty members well in advance and are given to the students. The principles and basics are taught in the beginning sessions.

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
Industrial Automation with PLC	Nil	29/07/2019	5	Employability	Skill development
Industrial Automation with PLC	Nil	29/07/2019	5	Employability	Skill development
Internet of things (IOT) Application Development	Nil	29/07/2019	5	Employability	Skill development
Enterprise Mobile Application Development Using IBM Worklight	Nil	29/06/2019	6	Employability	Skill development

Predictive Modeling using IBM SPSS Modeler	Nil	29/06/2019	6	Employability	Skill development
Enterprise Application Development and Deployment on Cloud using IBM Bluemix	Nil	29/06/2019	6	Employability	Skill development
Telent Next Java Project Readiness Programme	Nil	10/06/2019	30	Employability	Skill development
Robotic Process Automation using Automation Anywhere	Nil	29/06/2019	7	Employability	Skill development
Project Readiness Program	Nil	03/07/2019	5	Employability	Skill development
Learning C	Nil	08/06/2020	5	Employability	Skill development
MATLAB level-1 training	Nil	28/02/2020	5	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
Nil	Nil	Nil
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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
BE	Civil Engineering	01/07/2019
BE	Mechanical Engineering	01/07/2019
BE	Electronics and Communication Engineering	01/07/2019
BE	Electrical and Electronics Engineering	01/07/2019
BE	Computer Science and Engineering	01/07/2019

BTech	Information Technology	01/07/2019
BE	Biomedical Engineering	01/07/2019
ME	Structural Engineering	01/07/2019
ME	Engineering Design	01/07/2019
ME	Applied Electronics	01/07/2019
ME	VLSI Design	01/07/2019
ME	Power Electronics & Drives	01/07/2019
ME	Computer Science and Engineering	01/07/2019
ME	Computer Science and Engineering with Networks	01/07/2019
MBA	Master of Business Administration	01/07/2019
MCA	Master of Computer Applications	01/07/2019

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

	Certificate	Diploma Course
Number of Students	936	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
Value Added Course on CAD	05/08/2019	34
Radio Frequency Circuit Design	29/07/2019	111
Advanced graphical System and DAS Design using NI Technology	29/07/2019	34
Labview Module II	05/08/2019	30
Medical coding	07/09/2019	53
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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
BE	Electronics and Communication Engineering	33
BE	Electrical and Electronics Engineering	11
BE	Computer Science and Engineering	50
BTech	Information Technology	27
BE	Mechanical Engineering	1

BE	Biomedical Engineering	3
MBA	Master of Business Administration	240
MCA	Master of Computer Applications	128
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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
<p>The department vision, mission and PEO's are circulated in academic, industry and alumni advisory board meetings. It is disseminated to the employers when they visit the college for recruitment. Mission of the departments are framed to achieve a balanced curriculum and technical activities. The stakeholders meet and discuss the process of formation of mission and vision statements for the department. The following points were raised by the members. ? Provision of quality education to students. ? Training of students to gain a fundamental knowledge of engineering. ? Promotion of research and development. ? Encouragement of entrepreneurship qualities. ? Encouragement of students to participate in social activities to learn real time issues. ? Promotion of students to develop models for better health care. ? Bridging the gap between industry and institution. Students Feedback of teaching learning process and action taken Class committee meeting and online feedback are the main tools used to collect student feedback. Frequency of the feedback ? Class committee meeting is conducted after each serial test. ? Class committee meeting is attended by subject handling faculty, class coordinator, class committee in-charge and few students from the specific class. ? The academic and non-academic problems of the students are recorded in class committee meeting. ? The faculty online feedback is recorded twice, one in the after month of first serial test and another at end of the semester. ? Students use their personal login in the college webportal to enter the feedback about the faculty who have handled classes for them that particular semester. ? Online feedback is consolidated and sent to the head of the department and higher authorities for action taken. Analysis of the feedback The minutes of the class committee meeting are checked by the head of the department and performance of faculty members are analysed. Apart from the class committee meeting, the class coordinator gets the oral feedback from students for which the actions are taken. Action Taken The head of the departments check for any scope for improvement in the teaching learning process from the student feedback in the class committee meetings and informal interactions. Depending on the case, the head of the department may counsel certain faculty members who are not performing better so that the students are positively benefited. After collecting and assessing the feedback from the various stakeholders on curriculum aspects, the valuable suggestions if any, will make notice to the university curriculum committee to possible changes in the course structure for the next curriculum regulation.</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
BE	CIVIL ENGINEERING	240	91	91
BE	MECHANICAL ENGINEERING	240	250	148
BE	ELECTRONICS AND COMMUNICATION ENGINEERING	300	572	273
BE	ELECTRICAL AND ELECTRONICS ENGINEERING	120	120	67
BE	COMPUTER SCIENCE AND ENGINEERING	240	260	232
BTech	INFORMATION TECHNOLOGY	180	170	165
BE	BIOMEDICAL ENGINEERING	60	55	53
ME	STRUCTURAL ENGINEERING	36	15	15
ME	ENGINEERING DESIGN	18	10	2
ME	VLSI DESIGN	18	6	1

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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
2019	5016	415	308	58	32

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
398	398	21	136	Nil	12721

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

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

Yes. Student Mentoring System is adopted in the Institution. This enables bridging gap between the Teachers and Students. It creates a better environment in the college, where students can approach teachers for both educational and personal guidance. • Faculty mentors are assigned to each student all through the four years. • One mentor is assigned with 15 mentees. • Mentors communicate with the parents regarding the progress of the students. • Mentors also keep track of the mentees' performance during semesters by continuous interaction and the same is communicated to their parents regularly. • Mentor-Student meetings are conducted regularly to analyse the performance of the mentees and to understand their problems in the courses, which they study. • Mentors communicate with fellow faculty and promote mentees at the time of difficulty / opportunity to help them to develop further in their areas of interest. • Mentor monitors the attendance of their mentees and ensures that no mentee will have lack of attendance in order to write final University examinations.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
5431	398	1:14

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
348	398	Nill	Nill	165

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr.N.Mahendran,	Professor	AICTE Margdarshan scheme Coordinator
2019	Dr.K. Srinivasan	Assistant Professor	1. Mentor - SIH 2019 Software Winners 2. Jury - India Innovation Challenge Design Contest 2019 3. Top Faculty Members of The Confederation of Elite Academicians of IICDC
2019	Dr.P.Thirumurugan	Associate Professor	National Level Best Teaching Faculty Award
2019	Dr.R.Karthigaivel	Professor	IEEE Senior Member
2019	Mrs.N.Sasikala	Assistant Professor	Hackathon 2019,AICTE-MHRD-Rs.1 Lakh
2019	Dr.R.Pushpalakshmi	Professor	NPTEL - Swayam - AICTE, Elite Gold Certificate -

			Teaching and Learning in Engineering
2019	Mrs.P.Pradeepa	Assistant Professor	NPTEL - Swayam - AICTE, Elitesilver, Python for Data Science
2019	Dr.N.Pandeeswari	Associate Professor	NPTEL - Swayam - AICTE, Topper (5)-IoT
2019	Ms.N.Sasikala	Assistant Professor	NPTEL - Swayam - AICTE, Topper (5)-IoT
2019	Dr.K.Selvaraj	Professor	NPTEL - Swayam - AICTE, Elite top 5 percent - Introduction to cellular and wireless communication

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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
BE	103, 104, 105, 106, 114, 121, 205	ODD	19/10/2019	29/01/2020
BE	103, 104, 105, 106, 114, 121, 205	EVEN	27/03/2020	17/10/2020
ME	401, 405, 408, 413, 415, 419, 492	ODD	19/10/2019	29/01/2020
ME	401, 405, 408, 413, 415, 419, 492	EVEN	27/03/2020	17/10/2020
MBA	631	ODD	19/10/2019	29/01/2020
MBA	631	EVEN	27/03/2020	17/10/2020
MCA	621	ODD	19/10/2019	29/01/2020
MCA	621	EVEN	27/03/2020	17/10/2020

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The college follows the evaluation structure as recommended by the university and hence has limited scope for modifying the evaluation system, as its being affiliated to Anna University, Chennai. The following CIE system have been

implemented at the institutional level: • After each internal serial test, the test note audit will be carried out by senior faculty members and course coordinators. • Audit report will be submitted to the head of the department. • Based on the report, if the difference in marks is above 7 between the course teacher and the auditor, HoD is asking an explanation from the faculty member concerned and counselled. • The reports are sent to the Principal office and then to IQAC for further analysis. • To improve the serial test result, the students will be advised during class committee and tutor ward meetings. • Series tests questions are set based on Blooms Taxonomy

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

Every semester the affiliated university prepares the curriculum design and academic calendar. The same is published in the university website. The department prepares the academic calendar in accordance with University calendar. The tentative dates of the serial tests are fixed in accordance with the assessment schedule mentioned in the university calendar. The last dates of the theory and lab classes are also planned accordingly. Apart from the co-curricular and extra-curricular activities, the academic calendar gives the details about professional society activities, symposiums, and industrial visits, implant training, orientation programs value added courses, serial tests, guest lectures, model exams, university practical examinations, and theory examinations schedule, holidays and other important events. Class time table prepared in accordance with the academic calendar and it is displayed in department notice boards and college web site. All the activities are conducted in adherence to the academic calendar.

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://psnacet.edu.in/psnapopeo.html>

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
103	BE	CIVIL ENGINEERING	295	286	96.95
114	BE	MECHANICAL ENGINEERING	343	149	43.44
106	BE	ELECTRONICS AND COMMUNICATION ENGINEERING	276	274	99.28
105	BE	ELECTRICAL AND ELECTRONICS ENGINEERING	128	128	100
104	BE	COMPUTER SCIENCE AND ENGINEERING	223	223	100

205	BTech	INFORMATION TECHNOLOGY	159	159	100
121	BE	BIOMEDICAL ENGINEERING	60	60	100
413	ME	STRUCTURAL ENGINEERING	33	33	100
408	ME	ENGINEERING DESIGN	1	Nil	0
419	ME	VLSI DESIGN	2	2	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)

<http://psnacet.edu.in/feedback2019-20.php>

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
Projects sponsored by the University	0	AICTE-MHRD	1	1
Minor Projects	183	DST	7.22	7.22
Major Projects	730	DST / NRDMS	9.5	0
Major Projects	1095	AICTE	13.47	13.47
Major Projects	730	AICTE	16.83	13.46
Students Research Projects (Other than compulsory by the University)	92	Palani Yatra Mobile App - PSNACET	0.5	0.5
Any Other (Specify)	6	AICTE- STTP	3.8	3.8
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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
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QUANTUM TALK 2020 - OUR PROUD ALUMNI	Electronics and Communication Engineering	26/05/2020
LATEST TECHNOLOGY TRENDS IN VLSI INDUSTRY	Electronics and Communication Engineering	11/05/2020
RF MEASUREMENTS IN A 5G WORLD	Electronics and Communication Engineering	12/05/2020
ENTREPRENEURSHIP OPPORTUNITIES AFTER COVID-19	Electronics and Communication Engineering	13/05/2020
CAMERA AND IMAGE SENSOR FEATURES YOU SHOULD KNOW HOBBYIST	Electronics and Communication Engineering	14/05/2020
DEEP LEARNING FOR COMPUTER VISION USING MATLAB	Electronics and Communication Engineering	15/05/2020
INNOVATION AT SPEED WITH HYBRID CLOUD	Electronics and Communication Engineering	16/05/2020
BIPED ROBOT	Electronics and Communication Engineering	15/03/2020
VLSI DESIGN USING VERILOG HDL	Electronics and Communication Engineering	04/03/2020
APPLICATION OF VLSI TECHNOLOGY IN HEALTH CARE	Electronics and Communication Engineering	05/02/2020
ENHANCING SOFT SKILLS AND NURTURING FUTURE CAREER	Electronics and Communication Engineering	09/01/2020
IOT USING TIVA C LAUNCHPAD AND CC3100 BOOSTER PACK	Electronics and Communication Engineering	05/12/2019
INDUSTRY 4.0 (INDUSTRIAL IOT)	Electronics and Communication Engineering	11/07/2019
INTELLECTUAL PROPERTY RIGHTS IN INDIA	Electrical and Electronics Engineering	11/05/2020
HOW TO PREPARE A GOOD RESEARCH GRANT PROPOSAL	Information and Technology	20/05/2020
ENTREPRENEURSHIP AND SKILL DEVELOPMENT	Information and Technology	11/03/2020
EMERGING ADVANCEMENTS IN BLOCKCHAIN TECHNOLOGY CRYPTOCURRENCY	Information and Technology	12/06/2019
ENTREPRENEURSHIP AWARENESS CAMP FOR CSE STUDENTS	Master of Business Administration	11/09/2019
ENTREPRENEURSHIP AWARENESS CAMP FOR ECE STUDENTS	Master of Business Administration	18/09/2019
ENTREPRENEURSHIP AWARENESS CAMP FOR IT STUDENTS	Master of Business Administration	25/09/2019
ENTREPRENEURSHIP	Master of Business	16/10/2019

AWARENESS CAMP FOR EEE STUDENTS	Administration	
ENTREPRENEURSHIP AWARENESS CAMP FOR MECHANICAL STUDENTS	Master of Business Administration	23/10/2019

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
India Innovation Challenge Design Contest	Dr. K. Srinivasan	Texas Instruments	06/12/2019	Jury
Top Faculty Members of IICDC	Dr. K. Srinivasan	The Confederation of Elite Academicians of IICDC	06/12/2019	IICDC
Electric Two wheeler design competition -2019	Annihilators (Student Team)	SAE Southern section	29/09/2019	Society Activities
Smart Irrigation Cardio	VarshathGupta .S, Dinesh ram.C, Brindha.G	Intel Hack Fury2, IISC Bangalore	21/10/2019	Hardware
Design of signatron for Deaf-mute impairment	T.Manikandan, R.Leninraj, R.M .Muniappan,A.Mohammed Ilyas	Indian Institute of Management Bangalore	01/07/2019	Hardware
Agricultural Waste Stubble Management	T Abina, Amali N, Aravind Raajan J	SASTRA DAKSH 2020	21/02/2020	Innovation (Hackathon)
Elite Academicians of IICDC	Dr.T.Hemalatha	AICTE and DST	02/01/2020	Elite Academicians
EliteSilverMedal	Dr. N.Umamaheshwari	NPTEL Swayam	01/10/2019	Online Course
Topper 2	Mrs.M.Jayanthi	NPTEL Swayam	01/10/2019	Online Course Online Course
Topper 5	Dr. S.Pushpalatha	NPTEL Swayam	01/10/2019	Online Course

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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
Nil	Nil	Nil	Nil	Nil	Nil

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
2	0	0

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

Name of the Department	Number of PhD's Awarded
Civil	1
Mech	3
ECE	8
EEE	2
CSE	4
IT	7
MBA	1
MCA	2
BME	1
MATHS	8
Chemistry	3

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	CIVIL	24	0.3
International	Mechanical	37	0.3
International	CSE	35	1
International	IT	18	1
International	BME	4	1
International	MCA	4	0
International	Mathematics	4	3
International	Physics	4	0
International	Chemistry	4	3
International	English	2	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
MBA	4
BME	1
IT	5
CSE	1
EEE	2
ECE	4

Mechanical	4
Civil	2
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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
Spatioem poral variability of Temperaure and Its Extremes Over an Agro-Ecological Region of Tamil Nadu, India	B.Ganesh kumar, GVT Gopala Krishna	Polish Journal of Environmen tal Studies	2020	0	PSNA College of Engineerin g and Technology	Nil
Oxidative removal of stabilized land fill leachate by fenton's process: process modelling, optimizati on analysis of degraded products	N. Jegan durai, GVT Gopalakris hna, V.C.P admanaban N.Selvaraj u	The Royal society of chemistry	2020	10	PSNA College of Engineerin g and Technology	10
Performa nce of fibre integrated RC Frames manufactur ed using a lternative material as aggregate for sustai nable envi ronment	Vinod kumar M, S iddharamai ah Y.M ,Jaideep C	Journal of Green E ngineering	2019	6	PSNA College of Engineerin g and Technology	6
Performa nce,	S.Muruga poopathi,	Journal of Thermal	2019	7	PSNA College of	4

combustion and emission characteristics on VCR multi-fuel engine running on methyl esters of rubber seed oil	D.Vasudevan	Analysis and Calorimetry			Engineering and Technology	
Corrosion behaviour of heat treated Aluminium Metal Matrix composites reinforced with Fused Zirconia Alumina 40	S.Rosline, Dr.V.Paramasivam	Journal of Alloys and Compounds	2019	12	PSNA College of Engineering and Technology	12
Fuzzy contextual inference system for medical image enhancement	Bharath Subramani, Magudeeswaran Veluchamy	Measurement	2019	11	PSNA College of Engineering and Technology	8
Zone-Based Sink Mobility in Wireless Sensor Networks	Prasanth A, Pavalarajan S.	Sensor Review	2019	12	PSNA College of Engineering and Technology	10
Application of Machine Learning and Big Data in Doubly Fed Induction Generator based Stability Analysis of Multi Machine System using Subs	V. Subha Seethalaks hmi, R. Karthigaivel, N. Vengadachalam, S. Selvakumar	Microprocessors and Microsystems	2020	5	PSNA College of Engineering and Technology	5

stantial Transformative Optimization Algorithm						
Experimental Investigation of PV based modified SEPIC converter fed hybrid electric vehicle (PV-EHV)	N. Selvarani, C. Muniraj, M. Arul Prasanna	International Journal of Circuit Theory and Applications	2020	6	PSNA College of Engineering and Technology	6
An Intelligent Alzheimers Disease Prediction using Convolutional Neural Network (CNN)	L.Dharshana Deepthi, D.Shanthi, M.Buvana,	International Journal of Advanced Research in Engineering and Technology (IJARET)	2020	3	PSNA College of Engineering and Technology	3
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
An Intelligent Alzheimers Disease Prediction using Convolutional Neural Network (CNN)	L.Dharshana Deepthi, D.Shanthi, M.Buvana,	International Journal of Advanced Research in Engineering and Technology (IJARET)	2020	8	3	PSNA College of Engineering and Technology
Experimental Investigation of PV based modified SEPIC converter fed hybrid electric vehicle (PV-EHV)	N. Selvarani, C. Muniraj, M. Arul Prasanna	International Journal of Circuit Theory and Applications	2020	52	6	PSNA College of Engineering and Technology
Applicat	V. Subha	Micropro	2020	38	5	PSNA

ion of Machine Learning and Big Data in Doubly Fed Induction Generator based Stability Analysis of Multi Machine System using Substantial Transformative Optimization Algorithm	Seethalakshmi, R. Karthigaivel, N. Vengadachalam, S. Selvakumar	processors and Microsystems				College of Engineering and Technology
Zone-Based Sink Mobility in Wireless Sensor Networks	Prasanth A, Pavalarajan S.	Sensor Review	2019	6	10	PSNA College of Engineering and Technology
Fuzzy Gray Level Difference Histogram Equalization for Medical Image Enhancement	Bharath Subramani, Magudeeswaran Veluchamy	Journal of Medical Systems	2019	6	6	PSNA College of Engineering and Technology
Corrosion behaviour of heat treated Aluminium Metal Matrix composites reinforced with Fused Zirconia Alumina 40	S.Rosline, Dr.V.Paramasivam	Journal of Alloys and Compounds	2019	4	12	PSNA College of Engineering and Technology
Performance, combustion and emission characteristics on	S.Murugapopathi, D.Vasudevan	Journal of Thermal Analysis and Calorimetry	2019	9	4	PSNA College of Engineering and Technology

VCR multi-fuel engine running on methyl esters of rubber seed oil						
Performance of fibre integrated RC Frames manufactured using an alternative material as aggregate for sustainable environment	Vinod kumar M, Siddharamaiah Y.M, Jaideep C	Journal of Green Engineering	2019	4	6	PSNA College of Engineering and Technology
Oxidative removal of stabilized land fill leachate by fenton's process: process modelling, optimization analysis of degraded products	N. Jegandurai, GVT Gopalakrishna, V.C.Padmanaban N.Selvaraju	The Royal society of chemistry	2020	7	10	PSNA College of Engineering and Technology
Spatio-temporal variability of Temperature and Its Extremes Over an Agro-Ecological Region of Tamil Nadu, India	B.Ganesh kumar, GVT Gopala Krishna	Polish Journal of Environmental Studies	2020	7	Nil	PSNA College of Engineering and Technology
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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	208	960	190	234
Presented papers	36	9	2	Nil
Resource persons	Nil	11	32	45
View File				

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
BLOOD DONATION CAMP	ROTRACT CLUB NSS of PSNACET GH, Dindigul	3	450
RURAL SURVEY CAMP - Silvarpatti, Appanampatty, Pudur and Karisalpatti	PSNA CET NSS DRDA collectorate, Dindigul	3	125
FREE EYE CAMP - for nearest villagers of the college and Review checkup for cataract patients	PSNA NSS Rotaract club and SANKARA EYE HOSPITAL, Srivilipthur.	5	300
Blood and Platelets Donation	RRC	2	150
Free Eye Check-up Event	NSS	3	220
Orphanage Visit Event	YRC	3	100
Tree Plantation Event(1000)	NSS	5	275
Dengue Awareness Event	YRC	5	750
Tree Plantation Event	NSS	2	70
Food Bag Distribution Event	YRC	2	125
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
Blood donation	Blood donation Award	Madurai Meenakshi Mission Hospital	450
Ryla event	Best Rylarian	Best Rylarian	10

	award	award and Best Ryla award	
Social Activity	Rajaji Hosptial, Madurai	Best social active member award	100
Social Service	Best Social Service	Thuthookudi Manitham Trust	100
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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 activities	Number of students participated in such activities
BLOOD DONATION CAMP	ROTRACT CLUB NSS of PSNACET GH, Dindigul	BLOOD DONATION CAMP	3	450
RURAL SURVEY CAMP	PSNA CET NSS DRDA collectorate, Dindigul	RURAL SURVEY CAMP - Silvarpatti, Ap panampatty, Pudur and Karisalpatti	3	125
Medical Camp	PSNA NSS Rotaract club and SANKARA EYE HOSPITAL, Srivilipthur.	FREE EYE CAMP - for nearest villagers of the college and Review checkup for cataract patients	5	300
BLOOD DONATION CAMP	RRC	Blood and Platelets Donation	2	150
Medical Camp	NSS	Free Eye Check-up Event	3	220
Social Service	YRC	Orphanage Visit Event	3	100
Tree Plantation	NSS	Tree Plantation Event (1000)	5	275
Awareness Camp	YRC	Dengue Awareness Event	5	750
Tree Plantation	NSS	Tree Plantation Event	2	70
Social Service	YRC	Food Bag Distribution Event	2	125
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3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Internship	181	NIL	180
Industrial Visit	1655	NIL	1
Industrial Training -Faculty Members	14	NIL	3
Industrial Training -Students	25	NIL	180
Inplant Training	36	NIL	5
Collaborative Research	6	NIL	1095
Survey Camp	253	NIL	7
Industry Project	40	NIL	180
Section Editor - International journal of exclusive research	2	NIL	180
Reviewer - Gedrag Organisatie Review	1	NIL	180
View File			

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
Training	Industrail Training	Sales Force, ICT Academy	29/03/2019	28/09/2019	krithica
Training	Industrail Training	Sales Force, ICT Academy	29/03/2019	28/09/2019	KIRUTHIGA
Training	Industrail Training	Sales Force, ICT Academy	29/03/2019	28/09/2019	Karthiga
Training	Industrail Training	Sales Force, ICT Academy	29/03/2019	28/09/2019	Jeniferfat hima
Training	Industrail Training	Sales Force, ICT Academy	29/03/2019	28/09/2019	Haritharasi Priya
Training	Industrail Training	Sales Force, ICT Academy	29/03/2019	28/09/2019	DINESH
Training	Industrail Training	Sales Force, ICT Academy	29/03/2019	28/09/2019	Arul Jothi

		Academy			
Training	Industrail Training	Sales Force, ICT Academy	29/03/2019	28/09/2019	Anitha
Training	Industrail Training	Sales Force, ICT Academy	29/03/2019	28/09/2019	Anisha
Training	Industrail Training	Sales Force, ICT Academy	29/03/2019	28/09/2019	Ajitesh
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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
Bentley Solutions PVT LTD	17/02/2020	To learn Civil Engineering Software	150
Bluetronics Bengaluru	12/07/2019	Bluetronics and PSNACET propose to collaborate through setting up two Labs which will provide Industry - ready Training placement, Consultancy services, Research activities. On demand special activities like research grants, aid from other associat	120
Bluetronics Bengaluru	12/07/2019	Supporting in bringing up both the institutions in other possible means of collaborations when mutually agreed. To facilitate Research and prototyping activities within campus of PSNACET by Bluetronics to promote student's Knowledge and skills.	15
NASSCOM, Bengaluru	21/08/2019	To attend FDP on Data Science and Artificial Intelligence	150

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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
184	151.81

4.1.2 – Details of augmentation in infrastructure facilities during the year

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

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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Smart library (in house software)	Fully	20	2015

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	92499	205	752	2	93251	207
Reference Books	4130	42	94	Nil	4224	42
e-Books	2715	Nil	398	Nil	3113	Nil
Journals	611	11	124	2	735	13
e-Journals	12580	64	8432	11	21012	75
Digital Database	1	Nil	Nil	Nil	1	Nil

CD & Video	8006	Nil	78	Nil	8084	Nil
Library Automation	1	Nil	Nil	Nil	1	Nil
Weeding (hard & soft)	Nil	Nil	576	1	576	1
Others(s pecify)	5849	9	Nil	Nil	5849	9
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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
Nil	Nil	Nil	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	1389	28	28	28	1	2	13	500	0
Added	39	0	0	0	0	0	0	20	0
Total	1428	28	28	28	1	2	13	520	0

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

520 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
Faculty Video Lectures	http://www.psnacet.edu.in/videolectures.html

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
86	82.86	317	297.69

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 the availability of latest equipments, software's and up-to-date infrastructure in the institution. There is a systematic procedure for the purchase as well as maintenance of these infrastructural facilities including all sorts of equipments. First the proposal is submitted by the HODs of the respective department. It must get the approval by the principal and then quotations are invited. After the approval of the management and the committee constituted for this purpose, the required item is purchased and entered in the stock register. At the end of financial year stock verification is also done by the college office. The same process is done for repair, writing off or repurchases every year. Laboratory: The College has adequate number of the computers with internet connections and the utility software's distributed in different locales like office, laboratories, library, departments etc. All the stakeholders have equal opportunity to use those facilities as per the rules and the policies of the institution. Record of equipment maintenance is maintained by lab technicians, Lab In charge and supervised by HODs of the concerned departments. The calibration, repairing and maintenance of sophisticated lab equipment's are done by the technicians of related owner enterprises. LIBRARY: The purpose of library is to provide library services to faculty and students for updating them with the latest developments in the relevant field. It details the process of monitoring library services like Purchase of Books and Journals, Receipt of Books, Reference Books, Subscription of Periodicals, Non Book Material, New Arrivals, Issue and Return of Books/Back volumes// Non book materials, Stock Verification, Identification and Maintenance of Books, Photocopy Service and Library General Rules. Maintenance activities are made by the college management regularly to keep the library clean. Library stocks are audited once in a year. College librarian and his team maintains the book circulation among students and staffs through software. Books stock register is properly maintained and auditing of books is performed annually. Library has been established with OPAC (Online Public Accessing Catalogue) facility to access and maintain the books easily in the rack. GENERAL MAINTENANCE: It includes maintenance of buildings, electrical equipments/facilities, Fire Extinguishers and Housekeeping. The purpose is to carry out both preventive and breakdown maintenance of infrastructure facilities. Deviation in completing of preventive maintenance is monitored once in three months. These are reviewed by Principal and suitable corrective and preventive actions are planned. PHYSICAL EDUCATION The Physical Education Director (PED) heads the Department of Physical Education. In addition to the PED, faculty members are also provided (Director of Physical Education (both male and female) to assist him in planning and conducting sports and games. In order to maintain the indoor stadium, a Stadium In charge is also provided. Markers are also provided to assist the PED in the conduct of the sports and games and maintenance of the facilities. The Department of Physical Education of PSNACET provides facilities for both outdoor and indoor games for the interested students to practice as well as conduct of intramural and extramural events

<http://psnacet.edu.in/maintpolicy.html>

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	Sports Quota Scholarship	79	12065100
Financial Support from Other Sources			

a) National	Central /State Govt Scholarship	2532	36070570
b) International	Nil	Nil	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Remedial coaching class for all eligible students on Saturdays	17/08/2019	1026	Faculty Members of PSNACET
Personal Counselling	01/07/2019	6	Ms.J. Vidhya Dharini- PSNA college counsellor
Aptitude and Soft Skills	26/06/2019	224	Top Fresher's, Six Phrase, FACE and EduRights.
Wipro PRP Training	10/06/2019	105	Wipro Certified Faculty Members of PSNACET
IBM SPSS Modeller, IBM Bluemix, IBM Worklight	29/06/2019	45	IBM Certified Faculty Members of PSNACET
ADX-201 Salesforce Administrator	23/09/2019	50	ICT Academy, Chennai
TNSDC ICTACT Employability Skill Training in Technology and Soft skills	09/12/2019	51	ICT Academy, Chennai
Programming in Java	22/07/2019	45	NIIT Academy, Chennai
Zoho Training	03/06/2019	150	Faculty Members of PSNACET
Java PRP training	10/06/2019	150	Java PRP Certified Faculty Members of PSNACET
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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

2019	GRE, TANCET, GATE, IELTS Training	33	Nill	30	722
2019	Placement Training	Nill	71	30	722
2019	Wipro PRP Training	Nill	105	30	722
2019	Zoho Training	Nill	25	30	722
2019	TCS Ninja Training	Nill	30	30	722
2019	CTS Company Specific Training	Nill	90	30	722
2019	Department level technical training	1026	1026	30	722
Nill	Nill	Nill	68	30	722
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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
2	2	5

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
84	1683	679	18	380	43
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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
2020	1	BE - EEE	EEE	Thiagarajar College of Engineering, Madurai.	ME
2020	1	B.E BME	BME	Avinashilingam Institute of	M.E-Bio medical Engineering

				Engineering and Technology	
2020	1	B.E BME	BME	Karunya university	M.E-Bio medical Engineering
2020	1	B.E BME	BME	Anna university	M.E-Bio medical Engineering
2020	1	B.E BME	BME	St.Xavier's Catholic college of Engineering	M.E-Bio medical Engineering
2020	1	B.E BME	BME	SASTRA Deemed University	M.E-Bio medical Engineering
2020	1	B.E BME	BME	University of Auckland	M.S-Medical Devices Technologies
2020	1	BE - EEE	EEE	Thiagarajar College of Engineering, Madurai.	ME
2020	1	BE - EEE	EEE	Portland State University/ Maseeh College of Engineering & Computer Science	MS-Electrical & Computer Engineering
2020	1	BE - EEE	EEE	Thiyagaraja Schools of Management, Madurai	MBA
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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
GATE	2
GMAT	1
GRE	1
TOFEL	1
Civil Services	1
Any Other	24
View File	

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

Activity	Level	Number of Participants
Elocution - (English and Tamil)	Intra college level	11
Drawing, Sketching Painting	Intra college level	10
Art from Waste	Intra college level	7
Photography	Intra college level	25
Slogan Writing on National Science Day	Intra college level	20
Essay Writing on National Science Day	Intra college level	27
Video Making on National Science Day	Intra college level	6
National Level Chess Championship (Men Women)	National Level	25
Anna University zonal athletics championship - ZONE 17 (Men and Women)	Inter zonal level	250
State level ball badminton tournament	State Level	1
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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2020	KUMARSAMY INTERCOLLE GIATE TOUR NAMENT-3rd Place	National	1	Nil	92131712 1012	M. MOHAMED SALMAN, K. D HARSHAN
2020	65th SENIOR NATIONALS BALL BADMI NTON- Runner	National	1	Nil	92131949 2003	K. PAVITH RA, G. LAVAN YA
2020	ALL INDIA TOURNAMENT BALL BADMI NTON- Runner	National	1	Nil	92131949 2003	K. PAVITH RA, G. LAVAN YA
2020	SOUTH ZONE CESTOBALL	National	1	Nil	92131712 1012	K. DHARSHAN

	CHAMPIONSH IP-Winner					
2020	ALL INDIA CESTOBALL CHAMPIONSH IP-Winner	National	1	Nil	92131712 1012	K.DHARSHAN
2020	ASIAN CESTOBALL FEDERATION CUP(SRI LA NKA)-Winne r	Internat ional	1	Nil	92131712 1012	K.DHARSH AN,R.ADITY A
Nil	ASIAN CESTOBALL FEDERATION CUP(THAILA ND)-Winner	Internat ional	1	Nil	92131712 1012	K.DHARSH AN,R.ADITY A

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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)

A student council is effectively functioning in our Institution to facilitate the students to have enough space without gender bias to represent their views in the college decision making bodies. Students can directly interact with the members of the council such as HOD, Principal and give their opinion and also we suggest the student members to interact with their fellow friends and ask them to present their grievances in a collective manner. The Individual student's views are also recorded in the minutes of the meeting. Before taking any final decision on important issues, the Principal, experts and the members from the management with the concern of the students give their approval. In case of facing personal issues faced by the students it is sorted out by the student counsellor Ms.J. Vidhya Dharini. Students meet her at her room and discuss their issues and have them sorted out. Further, students give their representation in the class committee which includes faculty members, students with good academic and slow learners. The class committee gives full freedom and wisdom for the students to define and plan their teaching learning process including defining evaluation procedure for the continuous assessment. In addition to that students have been given full autonomy to elect members for the association. Technical Chapters and club activities such as Rotract, Red Cross etc. We engage the students to participate in many events, programmes through CSI, Google club. Number of activities has been conducted every year to enhance various skills of the students. Students act as organizers and volunteer many programmes. In Google club (Developers student club) the students build their professional and personal networks, get access to Google developer resources, and work together to build solutions for local problems in peer to peer learning environment. And also we conduct inter college technical symposium every year. Students organize many events such as paper presentation, multimedia presentation, quizzes and non technical events. In addition to all, students play important role in hostels also in the development facilities as well as day to day activities. The student committees have been formed to monitor mess, maintenance of hostel library, computer centre and recreation activities. The College has various academic and administrative bodies that have student representatives in them. This representation helps them for their overall development. These bodies create more avenues for the students to develop technical skill, updating knowledge on the subjects, personality

development and service to society through the following Societies/Associations CSI, SAE, IEEE, ISTE, IETE, AeroClub, NSS, Rotaract club etc., Conducting Class Committee Meeting for Students about the Academic and Administrative issues at regular intervals. The members of the meeting are also asked discuss about the improvement and suggestions of the Class Committee members. The issues are addressed through proper channel and resolved by the concerned authority. Proctor system also maintains the academic and administrative activities by the Proctor. Our internal quality assurance cell will accommodate the student member in the meeting to get the view of student community in the quality related aspect and endeavours of our institutions.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

1683

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

223950

5.4.4 – Meetings/activities organized by Alumni Association :

1. Career Awareness Programme on “How to get ready for Corporate” - 23.05.2020 Speakers : Mr Gokul T C M, Mr Alagappan C, Mr Madhumohan M, Mr Mohammed Afridi, Mr Mohammed Ismail - ECAP Team (2018 Batch Alumni) 2. Virtual Campus Webinar Series on Robotic Process Automation - 16.05.2020 Speaker: Er Balaji S, Enterprise Solutions Specialist, UST Global, Malaysia (2012 Batch Alumni) 3. Virtual Campus Webinar Series on Introduction on Full Stack developer - 11.05.2020 Speaker: Er. Loganathan A, Associate-Sr. Developer, Cognizant Technology Solutions ,Chennai (2012 Batch Alumni) 4. Career Guidance Programme on Armed Forces - 10.02.2020 Speaker : Assistant Commandant S Deviga, Indian Coast Guard(2013 Batch Alumni) 5. 2003 civil engineering passed students get -together on 03-08-2019. 6. 1990- 1994 batch 20-07-2019 silver Jubilee Alumni reunion.

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)

Decentralization For a better governance and performance the entire system of the institution is effectively decentralized. All major decisions and the strategic plans in connection with academic and administrative tasks are meticulously discussed in the Governing Council meeting. The Head of the institution executes the decisions taken in the governing council meeting. The college has an effective decentralization policy and a participative management that plays a vital role in establishing good governance. The Principal is bestowed with administrative freedom by the management to accomplish the vision and mission of the Institution. The Heads of various departments fairly divide the academic responsibilities among all the faculty members. Various committees are framed for curricular, co-curricular and extracurricular activities and so transparency in policy execution is ensured. A faculty in charge is deputed for conducting various co curricular and extracurricular activities along with students. The Principal chairs regular meetings with the heads of the departments and various issues are discussed thoroughly before making a final

decision. The HODs observe the functioning of the departments through regular follow up meetings with the faculty members in order to ensure the proper implementation of the policies prepared by the Governing Council.

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	<p>Curriculum Development Quality improvement strategies adopted by the institution for each of the following (with in 100 words each): Being an affiliated college, the curriculum of Anna University, Chennai is followed.</p> <p>However, the curriculum Enrichment Committee of the institution along with Internal and external academic experts from Industry and Alumni takes adequate measurements for Enriching the Curriculum. Following the discussion with the experts, various value added courses and hands on training programs are conducted in order to bridge the gap between industrial needs and our curriculum. The curriculum deliverance is communicated through academic calendar, college official website, department notice board and staff log book.</p>
Teaching and Learning	<p>Teaching and Learning Outcome based education method is followed in our institution. The learning environment in classes is designed in such a way that it promotes critical and creative thinking. Practical orientated learning is emphasized and so a lot of exercises are done in the form of projects, Mini projects, industrial visit, guest lectures, workshops, seminars. In addition, On-line Learning (Moodle) software and other e- learning resources are utilized to strengthen the Teaching and Learning process. Faculty development programmes and in-service training programs are conducted every year in order to enrich the teaching-learning methods. Students are given adequate training for placements, Mock interviews and group discussions in order to help them in placed in reputed companies. Moreover, Slow learners are guided with remedial classes.</p>
Examination and Evaluation	Examination and Evaluation

Examination cell of each department conducts three internal assessment tests. Blooms Taxonomy that derives Knowledge, Comprehension, Application, Analysis, Synthesis, and Evaluation is followed for designing the question paper. The answer papers are evaluated within 3 days after the completion of the exams through central evaluation. Internal marks are allotted based on the performance of the students in the assessment tests. The details of the students' attendance and internal assessment marks are communicated to the parents over phone, through letters and in the parent-teachers meeting.

Research and Development

Research and Development Members of the faculty and students are encouraged to publish their research papers in reputed national and international journals / conferences. In addition, Faculty members guide the students to do grant-in aid research under student project scheme.

Library, ICT and Physical Infrastructure / Instrumentation

Library: Library Advisory Committee ensures that sufficient number and volume of books and e-journals. Digital library facilities are maintained through active library software. ICT: All the class rooms, tutorials rooms, seminar halls, computer laboratories are equipped with ICT tools. National Program on Technology Enhanced Learning Centre comprising video outlet is also established. Physical infrastructure/instrumentation: 3 A/C Auditoriums, guest rooms, medical centre with two ambulances, 3 cafeteria, coffee day, 3 ATMs, adequate parking space, 60 buses, 5 A/C Conference Halls and, Hostels for boys and girls with the capacity to accommodate 4000 students, 2600 networked terminals with 260 Mbps internet and Wi-Fi enabled campus, HT supply backup capacity generators, 450 CCTVs, indoor stadium.

Human Resource Management

The details of the faculty and staff requirement is forwarded by HOD of each department to the expert Committee comprising of Principal, Dean Academic, HOD, senior faculty and External subject expert as. The expert committee appoints qualified teaching and supporting staff per the AICTE Anna University norms through open advertisement, demonstration interview.

	In addition The institution assists its faculty members for their continued service in the institute and also for pursuing higher studies, conducting research outside the institute.
Industry Interaction / Collaboration	Industry Interaction / Collaboration The institution emphasizes upon career development of the students and so 26 MOUs are signed with different industries and training centers this year to enhance Industry- Institute Interaction. Activities like internships, industrial visits, in-plant trainings, value added courses, industrial projects, guest lecturers etc., are regularly arranged for the benefit of students. The Institution has collaboration with the following industries, IBM, Bangalore, INTEL, Bangalore, Automation Anywhere, Bangalore, VOLTECH, Chennai. A total number of 885 placement offers issued to students during this academic year. Several students got placed in the reputed companies like CTS, TCS, HCL and other various reputed companies.
Admission of Students	Admission of Students The selection for admission is purely provisional and always subject to the confirmation from Anna University / Directorate of Technical Education, Chennai by single window system for U.G Degree Programme (General Quota). The candidates who possess the Diploma in Engineering / Technology are eligible to apply for Lateral entry admission to the third semester corresponding to the branch of study. The candidates for seeking admission to the P.G Degree Programme are required to have passed an appropriate Under- Graduate Degree Examination as per the Tamil Nadu Common Admission (TANCA) criteria.

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

E-governance area	Details
Planning and Development	Yes/ ECOLAIDE
Administration	Yes/ ECOLAIDE
Finance and Accounts	Yes/ ECOLAIDE/Tally ERP
Student Admission and Support	Yes/ ECOLAIDE
Examination	Yes/ ECOLAIDE

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
2019	Mr.M.Nagaraja	Power supply product Design.	-	765
2019	Mr. M. Sarath Babu	Recent trends in Geo Technical Engineering, NIT Tiruchirapalli.	-	1383
2019	Dr. S. M. Subash	Geotextile Reinforced Sustainable Pavements, NIT Tiruchirappalli .	-	1957
2019	Dr. C. Jayaguru	Analysis and Design of RC Buildings in Siesmically Sensitive Zones - Present and Future	-	4000
2019	Mr. T. J Vijay	one day workshop on 3D Laser scanning for Civil Engineering	-	2331
2019	Mr. M. Rajasekar	Geotextile Reinforced Sustainable Pavements, NIT Tiruchirappalli .	-	1900
2019	Mr. C. Rajendra Prasath	Sustainability and Durability of Concrete Structures with By-products and Recycled Materials, IIT Madras Research Park.	-	2532
2019	Mr. R. Vandhiyan	Smart Materials and Techniques for Sustainable Development, Dr. N. G. P. Institute of Technology,	-	3000

		Coimbatore		
2019	Mr. R. Vandhiyan	Fiber Reinforced Concrete and It's Applications FDP NIT Surathkal	-	7060
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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)
2019	Short Term Course Training program (STTP) on "Body area network for improvement in health care"	nil	10/06/2019	15/06/2019	50	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
Workshop on Ancient Breathing Practices (Pranayama)	1	05/05/2020	05/05/2020	1
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nil	Nil	Nil	38

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students

Financial support for attending workshop, conferences and FDP Contribution to provident fund, Maternity leave, Vacation leave, Casual leave, Medical leave, welfare schemes for medical facilities, yoga campus and medical group insurance.	Contribution to provident fund, Maternity leave, Vacation leave, Casual leave, Medical leave, Personal accident insurance, first aid training, medical check up, festival advance and yoga campus.	Students counselling and mentoring, Fees wavier to sports students 24 hours medical support, Well-equipped infrastructure for disabled students, Transport facility, yoga campus.
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6.4 – Financial Management and Resource Mobilization

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

The Internal Auditor of the college Mr.Rathina sabathy, Trichy makes a thorough audit of the expenditures of the institute in every month. The Audit Team, headed by Mr. M. Shahabudeen works under the head office and Financial advisor of the Educational and Charitable Trust. The external audit team is deputed by the management and the audit team audits the stock registers and all the planned expenditures of the institution in every end of the financial year.

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	Nil
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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Dr. K. Vivekanandan, Professor, Department of CSE, Pondicherry university.	Yes	IQAC TEAM MEMBERS
Administrative	Yes	Mani Subbiah, Chennai, Auditor	Yes	IQAC TEAM MEMBERS

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

Parent -Teacher meeting is organized by all departments at least twice in a year. Achievements of the institutions and other events are shared with the parents. Mentors regularly contact the parents to discuss the academic activities of their wards. The performance of their wards in the serial test and other activities are regularly updated to parents. In addition, Parents can monitor the activities of their wards in the College web(Ecoleaide) portal.

Placement opportunities, co-curricular and extracurricular aspects are exposed to parents. Parents are also invited during the NBA, NAAC and other committee visits to give their feedback and suggestions ? Conducted Parent Teachers meeting for First Year B.Tech(2019-2023)batch 28.8.2019 ? Conducted Parent Teachers meeting for Third Year B.Tech(2017-2021)batch 16.08.2019 ? Conducted Parent Teachers meeting for Final Year B.Tech(2016-2020)batch 186.10.2019.

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

? Conducted two days workshop on IBM Watson IOT ? CNC Training Programme. ? Gurushristi – Professional Development Program. ? Participated in NIRF ranking 2020. ? Offered consultancy work to M/S. Madura steel industry, Dindigul. ? Club activities to ignite young minds. ? Five day training on Intel IOT Lab. ? Conducted one day workshop on Big Data Analytics ? Yoga classes were arranged for the interested staff members to maintain their health. ? Training on “How to operate Fire Extinguishers” is given to support staff in laboratories.

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

? Students are instructed to wear gloves during laboratory experiments to avoid biohazards. ? Colour coded dustbins were kept for segregation of Infectious and Hazardous Biomedical wastes ? Research Publication SCOPUS and SCI is improved. ? Student feedback system software has been developed. ? Entrepreneurship activities are motivated for self-employment.

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	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Awareness Programme of Digital Marketing	23/07/2019	23/07/2019	23/07/2019	95

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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	04/03/2020	10/03/2020	650	75

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

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

50

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	10
Provision for lift	Yes	500
Ramp/Rails	Yes	3
Braille Software/facilities	No	Nil
Rest Rooms	Yes	3
Scribes for examination	No	Nil
Special skill development for differently abled students	No	Nil
Any other similar facility	Yes	10

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
2019	1	1	17/11/2019	1	Free Medical camp	Free health check-up	110
2019	1	1	13/12/2019	1	National Energy Conservation day	Importance of Conservation of Electrical Energy	100
2020	1	1	03/11/2020	1	Cancer Awareness Programme	Awareness of breast cancer among girls students	1500
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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)
Code of Conduct for Staff	03/06/2019	Every male staff shall attend college in a neat and presentable dress with a clean shaven face Staff member should be punctual in reporting for work and also in engaging theory and laboratory

classes. No member shall absent himself/herself from his/her duties without prior permission. No member shall engage himself/herself in any political activity. Every teaching staff member shall strive his/her best to effectively teach the students and to monitor their performance by conducting periodical tests, assignments etc. No member shall engage himself/herself in any demonstration on activity which is prejudicial to the normal academic work in the college, public order and morality. No member shall be a member of any trade union or participate in any trade union activity inside college premises.

Code of Conduct for Students

03/06/2019

All students should wear neat, clean and decent dress. Students are forbidden to write any marks on the walls or desks of the class rooms. Students are not permitted to leave the college premises during working hours. Ragging, eve teasing ,quarrelling etc., spoil the peacefulness of the college .Students are ,therefore , advised against indulging in such undesirable activities which invite disciplinary action. Any articles such as calculator, books, and instruments etc., found in the college premises must be handed over with all relevant details to the Principal.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
International Day of Yoga	23/06/2020	23/06/2020	100

Cancer Awareness Programme	11/03/2020	11/03/2020	1500
National Energy Conservation day	13/12/2019	13/12/2019	100
Free Medical Camp	17/11/2019	17/11/2019	110
Independence day	15/08/2019	15/08/2019	200
Blood Donation Camp	18/07/2019	18/07/2019	150
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

- Planting tree saplings is an integral part of different programmes of the college.
- The solar panels have been installed in the college and hostel premises.
- The institution has constructed rainwater harvesting tanks at various places in the campus.
- Recycled water is supplied to the trees and plants.
- Dried leaves are used as mulch.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1 Title: Class Committee Meetings Goals To solve problems experienced by students in the class room and in the laboratories To analyze the performance of the students of the class after each test and finding the ways and means of solving problems, if any. To identify the weak students, if any, and requesting the teachers concerned to provide some additional help or guidance or coaching to such them. Context The Class Committee Meeting is totally used to enhance the class' performance in academics and to solve the students' issues regarding the classes. It is one of the ways of receiving feedback from students about the theory and practical subjects. Class Committee meetings are regularly conducted by the Professor who is in charge for a particular year to review the teaching learning process, academic progress of the students, grievances if any, and suitable remedial measures are taken as and when necessary. Such meetings are held twice or thrice in a semester to keep track of the progress of the course and the assessment tools employed by the teacher for effective teaching and evaluation. The reports of the class committee meetings are reviewed by the concerned head of the department and consultations are made with the course in-charges to set right pitfalls if any. The Practice Every class shall have a class committee consisting of teachers of the class concerned, student representatives and a chairperson who is not teaching the class, may be senior professor of the department . It is like the 'Quality Circle' with the overall goal of improving the teaching learning process. The purpose of a Class Committee is to ensure that all curricular and co/extra-curricular activities of the class are carried out smoothly. This committee assesses and monitors the class as a whole to enable students to provide feedback regarding the teaching-learning process, internal assessments, co/ extra-curricular activities, student support services, mentoring, etc . The class committee for a class under a particular branch is normally constituted by the Head of the Department. However, if the students of different branches are mixed in a class (like the first semester which is generally common to all branches), the class committee is to be constituted by the Head of the Institution. The class committee shall be constituted within the first week of each semester. At least 10 student representatives (usually 5 boys and 5 girls) shall be included in the class committee. The Head of the Institution may also participate in any class committee of the institution. The chairperson is required to prepare the minutes of every meeting, submit the same to Head of the Institution within two days of the meeting and arrange to circulate it

among the students and teachers concerned. If there are some points in the minutes requiring action by the management, the same shall be brought to the notice of the management by the Head of the Institution. The first meeting of the class committee shall be held within one week from the date of commencement of the semester, in order to inform the students about the nature and weightage of assessments within the framework of the regulations. Two or three subsequent meetings may be held in a semester at suitable intervals. The Class Committee Chairman insists normally to display the cumulative attendance particulars of each student on the notice board at the end of every such meeting to enable the students to know their attendance. During these meetings the student members representing the entire class, shall meaningfully interact and express the opinions and suggestions of the other students of the class in order to improve the effectiveness of the teaching-learning process. Nowadays it is mentioned in the regulations of the affiliating University itself about the importance of conducting the class committee meetings. Evidence of Success The direct communication between teacher and students has improved which enhanced the teaching learning process. The academic performances of students have been improved. The attendances of the students have been found improved after the conduct of meetings. Problems Encountered and Resources Required Finding time to conduct more numbers of meetings is difficult in the busy academic schedule. The students sometimes hesitate to express their views due to unnecessary afraid towards the teacher. Best Practice 2 Title: Encouraging students for Inplant training and Internships Goals To transform students theoretical knowledge to a practical approach. To understand the difference between the theoretical and practical approach. To become a comfortable student to enter in the job market To face interview confidently with product knowledge. To improve personality to become a proud professional. Context Inplant training is short duration training for students to develop their skills and get industrial knowledge which will help them to understand what is actually happening in industry. An internship is an opportunity offered by employers to students for gaining work experience in specific industries, and an important step to build a solid career. Internships can be found through listings on job hunting and corporate websites, while some companies recruit on college campuses. This kind of industrial exposures provides an insight on how companies work and also useful information related to the practical aspects of the course which cannot be visualized in lectures. Inplant training and internship are part of almost all courses like engineering, MBA and MCA etc. It is mandatory in our affiliating university hence it also fulfils certain curriculum requirements. The Practice Industrial exposure to the students through inplant training and internships are considered as one of the most tactical methods of teaching and learning. The main reason behind this is that it lets students to know things practically through interaction, working methods and employment practices. Moreover, it gives exposure from academic point of view. The institution encourages the students to go for industrial training regularly. The students are motivated to attend inplant training every year during their summer holidays after the completion of examinations. The inplant training coordinator and placement officer of the department assist the students to opt and get permission from the industries for training. At end of the training, the students asked to submit a detailed report to the coordinator through which the quality of training and the skills gained are analyzed. The students also give presentation about their training to their class and submit the training certificates for the record. The students are allowed to undergo internship at reputed industries for a short period of time. Faculty members give their guidelines, suggestions and scope of an internship. The placement officer of the department encourages and arranges the internship to the students. The alumni coordinator of the department also constantly interacts with alumni those who are working in the industries and ask them to support for the internship. The students are offered an opportunity by the industries to work

in real time projects and get the experience by means of internship Evidence of Success The inplant training and internships provided an insight on how companies work and also useful information related to the practical aspects of the course. The students understood the requirements of the industry and groom themselves accordingly. The students got an opportunity to see the industrial working environment. Problems Encountered and Resources Required The process to get permission from an industry is not easy The students found themselves difficult to arrange accommodation for the stay during the training. The faculty members felt difficult that the regular classes got affected when the students attending internship in the middle of the semester.

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

<http://psnacet.edu.in/bestpractices19-20.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

The placement is an important aspect that the institution gives foremost concentration for the fulfilment of its mission and vision. The trend of education in Tamilnadu still has attraction towards engineering field. The main reason for this preference is the employment opportunities in the IT sector. The core companies and other corporate sectors have been able to offer to fresh graduates attractive pay packages. The institution has a separate placement cell with an experienced Placement Officer in charge. The campus recruitment comes under the purview of the placement officer who is taking care of all the activities of the placement cell. The placement officer is assisted by assistant placement officer and placement coordinators from each department. This team plans and coordinates the activities related to placement training. The placement cell initiates its training for students from their first year onwards. The time table incorporates the periods allotted for accommodating the placement activities. At the end of the third year, students are given the choice to opt for campus placement, the other choices being progression to higher studies/ aiming to be an entrepreneur. This choice streamlines the student towards his/ her future. The intensive placement training is offered only to those who have opted for campus recruitment. It is worth mentioning that till third year, all the students undergo the common training programs irrespective of the options they may be choosing. A systematic and scientific approach has been developed for effective training of the students towards campus recruitment. The institution has signed MoUs with reputed core and IT to have constant rapport with them. The placement cell regularly contacts the recruiting companies regularly for campus placement. To augment the training given by the faculty of the college resource persons of repute are brought in to enhance the skills of the students. The placement cell invites external experts and trainers from different academies to render soft skill training and general aptitude training to the students. The on- line placement tests are also conducted on a regular basis to enhance aptitude, mental ability and reasoning skills of the students. The placement cell also arranges industrial visits, in-plant training and industry projects to impart practical knowledge and industry practices among the students. The college emphasizes on the dress code of students as a part of grooming the students. During all college occasions and at the time of campus recruitment the students are definitely required to wear the college blazer. The placement cell also informs the students about the placement conducted at other reputed institutions. The institution provides all the facilities for the students to attend off campus through placement coordinators.

Provide the weblink of the institution

<http://psnacet.edu.in/institutionaldistinctiveness19-20.pdf>

8.Future Plans of Actions for Next Academic Year

? IQAC proposes one distinguished academic expert to be nominated as a part of IQAC members. ? The following new roles and responsibilities are proposed by IQAC in our institution for the effective functioning to improve the teaching learning, accreditation, rankings, research and development, collaboration with industries.

- o Research and Development
- o Rankings and Surveys
- o Corporate Relations
- o Collaborations- with National and International Organizations
- o PSNA Digital Team- for branding our institution
- o PSNA Centre for Faculty Training and Development
- o Head - Online Learning
- o Co-Curricular and Extra Curricular Activities
- o Strategic Planning and Development
- o Student Affairs

? Allowing or inviting few industries to set up an office at our campus would enhance the collaboration between the industries with our institution ? A committee has to be formed to develop/ modify the existing code of conduct for both faculty and students with relevance in the present day context. ? IQAC proposes to introduce digital learning with the help of App or Web based applications for managing the learning in the campus. ? To get autonomous status.