

Internal Quality Assurance Cell (IQAC)
St. Peter's College of Engineering and Technology

(Affiliated to Anna University, Chennai)
(Approved by AICTE, New Delhi)
(An ISO 9001:2008 certified institution)

Annual Quality Assurance Report (AQAR)
(2017-2018)

Submitted to
National Assessment and Accreditation Council
Bangalore, India

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The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)

Part – A

1. Details of the Institution

1.1 Name of the Institution:

ST.PETER'S COLLEGE OF ENGINEERING AND TECHNOLOGY

1.2 Address Line 1:

COLLEGE ROAD

Address Line 2:

AVADI

City/Town:

CHENNAI

State:

TAMIL NADU

Pin Code:

600054

Institution e-mail address:

principal@spcet.ac.in

Contact Nos.:

(044)2655-8089/ 26558091

Name of the Head of the Institution:

Dr. S. SELVAN

Tel. No. with STD Code:

(044)26558089/ 26558091

Mobile:

9790936889

Name of the IQAC Co-ordinator:

Dr. P. PARTHEEBAN

Mobile:

9841159199

IQAC e-mail address:

hodcivil@spcet.ac.in

1.3 NAAC Track ID : NOT AVAILABLE.

1.4 NAAC EXECUTIVE COUNCIL NUMBER AND DATE: NOT AVAILABLE

1.5 Website address:

www.spcet.ac.in

Web-link of the AQAR:

www.spcet.ac.in/IQAC.php

1.6 Accreditation Details:

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A	3.01	2016	5 Years

1.7 Date of Establishment of IQAC:

DD/MM/YYYY

01.07.2016

1.8 AQAR for the year (*for example 2010-11*)

2017-18

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*for example AQAR 2010-11 submitted to NAAC on 12-10-2011*)

AQAR	SUBMITTED ON
2016-17	First submission – 16 th September 2017
2017-18	Second Submission – 14 th September 2018

1.10 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes (AICTE) No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid+ Self Financing Totally Self-financing

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.12 Name of the Affiliating University (*for the Colleges*) ANNA UNIVERSITY

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University NO

University with Potential for Excellence NO

UGC-CPE NO

DST Star Scheme NO

UGC-CE NO

UGC-Special Assistance Programme NO

DST-FIST NO

UGC-Innovative PG programmes NO

Any other (*Specify*) NIL

UGC-COP Programmes NO

2. IQAC Composition and Activities

2.1 No. of Teachers 7

2.2 No. of Administrative/Technical staff 2

2.3 No. of students 1

2.4 No. of Management representatives 1

2.5 No. of Alumni 1

2.6 No. of any other stakeholder and
Community representatives -

2.7 No. of Employers/ Industrialists 2

2.8 No. of other External Experts 1

2.9 Total No. of members

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders No. Faculty

Non-Teaching Staff Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

1. Department of Civil Engineering and Department of Mechanical Engineering having the centres and proposed apply for Centre of excellence.		
Sl. No.	Department	Proposed Name of Centre of Excellence
1.	Civil Engineering	Centre for Green Energy and Materials
2.	Mechanical Engineering	Centre for Sustainable Design and Manufacturing
2. Collected monthly activities of the departments to monitor and improve the performance.		
3. Research projects proposals submitted to various funding agencies such as AICTE, DST, BRNS, MOEF, TNSCST and ISRO for a total amount of 1.5 crores (List enclosed).		
4. Motivated students encouraged to apply for projects through funding agency such as TNSCST and Institute of Engineers. Department of Chemical Engineering received a grant from TNSCST and Department of Civil Engineering received a grant from Institution of Engineers (India).		
5. Organised 28 motivational lectures and skill and personality development programmes for the students in order to improve their employability.		
6. Organised research forum meetings regularly to disseminate research work carried out by faculty members.		
7. To improve the quality of system ISO9001:2015 Certification obtained in May 2018		

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year

Plan of Action	Achievements
Enclosed as Annexure – A (Plan of Action by IQAC/Outcome)	

2.16 Whether the AQAR was placed in statutory body Yes No

Management -

Syndicate -

Any other body Governing Council

Provide the details of the action taken

Governing council approved the activities planned and appreciated the efforts taken by IQAC for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.

Criterion – I**1. Curricular Aspects**

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	0	0	0	0
PG	5	0	5	0
UG	9	0	9	0
Others	-	-	-	4
Total	14	0	14	4

Interdisciplinary	Courses like Environmental Science (UG), Mathematics, (UG) and add on courses involve faculty members from different Departments of the College.
Innovative	Skill Development Programmes

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options: NA

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	14
Trimester	0
Annual	0

1.3 Feedback from stakeholders* Alumni Parents Employers Students *(On all aspects)*Mode of feedback : Online Manual Co-operating schools (for PEI)

Enclosed an analysis of the feedback from stakeholders in the Annexure –B

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

YES

As the College follows the Syllabus and Curriculum of Anna University there is no scope of internal curricular designing, revision or up-gradation. For the students admitted in the academic year 2017-18, Anna University has introduced new regulations, curriculum and syllabus. This new regulation has many special features including choice based credit system.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

UG PROGRAMMES	NO
PG PROGRAMMES	NO
OTHER PROGRAMMES	NO

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

TOTAL	Asst. Professors	Associate Professors	Professors	GLI	CWTT	PTT
183	178	32	23	-	-	-

2.2 No. of permanent faculty with Ph.D.

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
9	0	3	0	1	0	5	0	18	0

2.4 No. of Guest and Visiting faculty and Temporary faculty

2

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	1	15	10
Presented	9	13	12
Resource Persons	0	10	5

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- EDUSAT program of Anna University is made available to students. Through this system, live expert lectures are relayed to our classrooms and students can interact with the experts and the institute is aerially connected to Anna University through satellite.
- An online learning system of NMEICT called as Spoken Tutorial developed by IIT Bombay aids our students in online learning and usage of various open source software. Our students participate in software training workshops and the tests conducted by Spoken tutorial.
- Class rooms with state of the art resources like LCD Projectors, Wi-Fi connectivity, custom made desks for Lap Top/Desk top connections are provided in our Institute.
- Slip tests are conducted at the end of every lecture period to make the students to fathom the concepts taught as well as to weigh the level of understanding.

2.7 Total No. of actual teaching days during this academic year 180

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

Affiliated to Anna University, Chennai. All the reforms initiated by AU are being followed.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

Dr. K. Purushothaman Professor and Head, Department of Mechanical Engineering is acting as a member in syllabus committee for Mechanical Engineering Department in Anna University.
 Dr. P. Priya Rachel, Professor, Department of Civil Engineering is acting as a member in syllabus committee for M.E. Structural Engineering of Civil Engineering Department in Anna University.

2.10 Average percentage of attendance of students

88% average. 75% of attendance in both Theoretical and Practical classes is mandatory to appear in the University Examinations.

2.11 Course/Programme wise distribution of pass percentage:

Name of the Course / Programme	Academic Year	Year	Semester	No. of Students Appeared	No. of students Passed	Pass %
B.E.AERONAUTICAL ENGINEERING	2017-2018	II	3	6	1	16.66
			4	6	1	16.66
		III	5	6	0	0
			6	6	2	33.33
		IV	7	13	8	61.53
			8	13	10	76.92
B.E CIVIL ENGINEERING	2017-2018	II	3	12	4	33.33
			4	12	0	0
		III	5	40	7	17.50
			6	42	15	35.71
		IV	7	43	19	44.18
			8	44	41	93.18
B.E COMPUTER SCIENCE AND	2017-2018	II	3	55	10	18.18
			4	53	6	11.30
		III	5	40	9	22.50

ENGINEERING			6	39	13	33.33
		IV	7	72	20	27.77
			8	71	55	77.50

B.E ELECTRONICS AND COMMUNICATION ENGINEERING	2017-2018	II	3	14	3	21.43
			4	14	0	0
		III	5	63	19	30.15
			6	63	21	33.33
		IV	7	87	40	45.97
8	87		69	79.30		
B.E –ELECTRICAL ENGINEERING	2017-2018	II	3	6	1	16.66
			4	6	1	16.66
		III	5	31	3	09.67
			6	32	7	21.87
		IV	7	47	23	48.94
8	47		37	78.72		
B.E –MECHANICAL ENGINEERING	2017-2018	II	3	74	12	16.22
			4	74	8	10.81
		III	5	148	51	34.46
			6	149	61	40.93
		IV	7	161	91	56.52
8	159		126	79.24		
B.TECH – INFORMATION TECHNOLOGY	2017-2018	II	3	14	6	42.86
			4	14	6	42.85
		III	5	17	2	11.76
			6	16	2	12.50
		IV	7	18	4	22.22
8	18		10	55.55		
B.TECH – BIOTECHNOLOGY ENGINEERING	2017-2018	II	3	32	20	62.50
			4	32	21	65.60
		III	5	40	18	45.00
			6	40	21	52.50
		IV	7	32	31	96.87
8	32		32	100		
B.TECH – CHEMICAL ENGINEERING	2017-2018	II	3	20	6	30.00
			4	20	5	25.00
		III	5	48	21	43.75
			6	48	27	56.25
		IV	7	45	31	68.88
8	45		44	97.77		
M.B.A	2017-2018	I	1	41	2	4.87
			2	41	9	21.95
		II	3	37	17	45.94
			4	37	31	83.78

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

IQAC is managed by senior faculty members under the coordination of Dean (Academics). Principal is the chairman of IQAC. The cell primarily has an advisory role in Academics, research, Training, Faculty development and Placements. The cell assesses the societal needs, Employer needs, Parental demands and student aspirations and accordingly guides the departments to conduct various certificate courses and value-added programmes. The feedback of such programmes are collected and analyzed by the cell and suitable recommendations are made for future improvements. Recommendations and Suggestions made are implemented and this has always resulted in qualitative improvement of Teaching-Learning process.)

1. Before beginning of the academic year, IQAC meeting is conducted with the following objectives:

- To discuss and monitor the Teaching – learning methodology including pedagogy to be used.
- To discuss/identify the Best Practices to be followed
- To discuss the Innovations to be introduced in the forthcoming years
- To decide the Strategic Plan of the Institution in teaching – learning methodology
- To discuss and record the various activities of Associations, Centres, Cells and Clubs and frame an Academic Calendar.
- To discuss the subject allotment, preparation of question banks, changes to be made in the website of the college, the internship opportunities and their improvement strategies, placement programmes, alumni meetings, admission improvement strategies and extension programmes.
- To discuss the identification strategy of slow learners and merit students.
- To discuss and finalise the certification courses to be conducted by various departments.

2. IQAC also records and reviews the patterns associated with the results when it is published by the Anna University and discuss the steps to be taken to improve the results.
3. To discuss and encourage the continuous improvement of faculty performance through self appraisal.
4. To recommend the support to be provided for Research and Development with the following objectives
 - Publications and Paper presentations
 - Deputing Faculty members for Seminars and Workshops
 - Organizing Guest Lectures
 - Organizing Workshops, Seminars & Conferences
 - Interdepartmental Presentations
5. To discuss the activities of the Student Guidance and Counseling cell.
6. To discuss and monitor the Student Feedback Mechanism and the placement related activities.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	1
UGC – Faculty Improvement Programme	0
HRD programmes	2
Orientation programmes	6
Faculty exchange programme	0
Staff training conducted by the university	5
Staff training conducted by other institutions	1
Summer / Winter schools, Workshops, etc.	4
Others	0

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	33	0	0	0
Technical Staff	42	0	4	0

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

1. IQAC regularly informs and encourages the faculty members to apply for research grants for projects to various funding agencies etc.
2. The college authorities provide all necessary infrastructural support including space and technical facilities for carrying out research work.
3. The Research forum is functioning to disseminate and discuss the various research work carried out by faculty members. Every fifteen day once the research forum meeting is conducted.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	0	0	-	5
Outlay in Rs. Lakhs	NIL	NIL	-	145.7 lakhs

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	2	7	NIL	-
Outlay in Rs. Lakhs	5 LAKHS	9LAKHS	NIL	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	10	2	3
Non-Peer Review Journals	1	1	1
e-Journals	25	1	-
Conference proceedings	7	2	-

3.5 Details on Impact factor of publications: NA

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned (LAKHS)	Received
Major projects	NIL	NIL	NIL	NIL
Minor Projects	1 YEAR	TNSCST IE(I)	0.4	0.4
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	1	SPCET R&D	3.0	3.0
Students research projects (other than compulsory by the University)	1 YEAR	SPCET R&D	8	8
OTHERS				
Total			12.4	12.4

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
DPE DBT Scheme/funds

3.9 For colleges Autonomy CPE DBT Star Scheme
INSPIRE CE

Any Other (specify)

Applied for DST, BRNS, Add on courses.

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	1	1	-	-	-
Sponsoring agencies	SPCET R&D, ISRO, TANSOCST	IEI, SPCET R&D	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	3
	Granted	-
International	Applied	NONE
	Granted	
Commercialised	Applied	NONE
	Granted	

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the institute in the year

Total	International	National	State	University	Dist	College
5	0	5	0	0	0	

3.18 No. of faculty from the Institution who are Ph. D. Guides

and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level

National level International level

3.22 No. of students participated in YRC events:

University level State level

National level International level

3.23 No. of Awards won in NSS:

University level State level

National level International level

3.24 No. of Awards won in NCC:

University level State level

National level International level

3.25 No. of Extension activities organized

University forum College forum

NCC NSS Any other

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- NSS organised a awareness programme on Quit India Movement on 29/08/2017
- NSS organised Engineers day on 15.09.2017
- NSS Unit of SPCET has organized 7 Days special Camp from 19.03.2018 to 25.03.2018 at Municipality High School, Annanur, Avadi, Chennai-600 054. NSS Volunteers gained knowledge through community service.
- YRC organised Geneva Conventions Competitions during 30.01.2018 to 03.02.2018.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	10 acre	-	UGC /MP Lad Fund, DST/DBT, Student Fees	
Class rooms	86	2		88
Laboratories	75	2		77
Seminar Halls	2	1		3
No. of important equipments purchased (≥ 10 lakh) during the current year.	10	1		14
Value of the equipment purchased during the year (Rs. in Lakhs)	121L	50L		171L
Others	-	-		-

Our institution is meticulously and continuously planning to improve the infrastructure in line with the academic growth as per the AICTE and Anna University norms. Prior to the commencement of the first academic year of the college, the management had thoroughly planned the infrastructure and had executed the same. The class rooms, furniture, basic laboratories and workshop were all kept ready for the beginning of the first academic year 2008-2009. Laboratories, computers, equipments, accessories and furniture were added as the years progressed for the smooth and efficient conduct of the institution.

4.2 Computerization of administration and library

OPAC	Online Public Accessing Catalogue is used to access to the Library Books and Periodicals. Through OPAC, details about Call Number, Subject, Department, Author and Publication can be retrieved.
Electronic Resource Management package for e-journals	Proquest and IEEE are the electronic resource management packages available in the library
Federated searching tools to search articles in multiple databases	GOOGLE, YAHOO, WIKIPEDIA and BING are searching tools most frequently used
Library Website	Intranet is provided for electronic resources like IEEE Journals, ASME, ASCE and NPTEL.
In-house/remote access to e-publications	OPAC, Through OPAC details about publications can be retrieved
Library automation	Auto lib Software -All the learning resources are installed in Auto lib Software.
Total number of computers for public access	20 Computers
Total numbers of printer for public access	2 Printers
Internet band width / speed 2mbps- 10 mbps - 1 gb (GB)	100 Mbps speed
Institutional Repository	Multiple resources like CD, DVD (DIGITAL LIBRARY) etc. are available in the library for all the students to gain knowledge
Content management system for e-learning	IEEE, ASME, ASCE and NPTEL
Participation in Resource sharing networks/consortia (like Inflibnet)	DELNET, British Council are helpful to locate the books which are unavailable in public bookshops.

4.3 Library services: **

	Existing (Approximate value)		Newly added		Total (Approximate value)	
	No.	Value	No.	Value	No.	Value
Text Books	28586	Approx 94.0 lakhs	261	1,12,760	28847	Approx 95.12 lakhs
Reference Books	327	Approx 3.54 lakhs	7	22,297	334	Approx 3.76 lakhs
Journals/ Periodicals	2898	Approx 17.76 lakhs	89	2,09,450	2987	Approx 19.85 lakhs
e-resources CD's,e-books,e-Journal)	1811	Approx 42 lakhs		12,78,638	5680	Approx 54.78 lakhs
British council	-	13,300	-	1400	-	Approx 0.14 lakhs
Delnet		39,000	-	11500	-	Approx 0.50 lakhs
<p>SPCET Library is repository of information in all the branches of Engineering. NPTEL lecture series are available in the library in soft forms in Hard drives. In addition, learning materials of reputed universities like Caltech, Stanford, Cornell and MIT are used by the faculty members and students for effective teaching learning process. The Library subscribes to various Journals in print form and also e- journals of ASME, ASCE and IEEE.</p>						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	982	6	Connected to 100Mbps speed	1	1	13	25	0
Added	0	0		0	0	1	0	3
Total	986	6		1	1	14	25	3

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

SPCET has excellent technological facilities required for effective teaching learning process. Class rooms with state of the art resources like LCD Projectors, Wi-Fi connectivity, custom made desks for Lap Top/Desktop top connections are provided in our Institute. These class rooms are also equipped with traditional white / Black boards and suitable for both Lectures and Group discussions. An online learning system of National Mission on Education Through ICT (NMEICT) called as Spoken Tutorial developed by IIT Bombay aids our students in online learning and usage of various open source software. Our students participate in software training workshops and the tests conducted by Spoken tutorial.

4.6 Amount spent on maintenance in lakhs :

i) ICT	10.0
ii) Campus Infrastructure and facilities	20.00
iii) Equipments	15.0
iv) Others	20.0
Total :	65.00

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- IQAC, in the beginning of every academic year discusses with all the heads of the departments and finalises the programmes to be conducted which would enhance the students' skill sets, knowledge and attitude.
- It also recommends the important topics on value addition for conducting guest lecturers in order to emphasize the importance of certain values for a successful career and life.
- After discussing with the placement coordinators, the skills to be possessed by the students as per the companies visiting the campus for recruitment are assessed and recommendations made to the department and the placement cell for giving necessary and adequate training.

5.2 Efforts made by the institution for tracking the progression

The college follows student counselor system in which a tutor is made in charge of 25-30 students and it is his/her responsibility to continuously monitor the students' progression in terms of attendance, development of skills, performance in examination, sports activities and their involvement in community services. Periodically, it is reported to the head of the department and the Principal. In case the progress is not satisfactory the student is given counseling and constant encouragement to improve him or herself. The institution is tracking the progression of students through their internal and external academic performances. The institution provides more opportunities to the student's development and evaluates them on monthly basis. The academic progression will be identified through the internal assessments and the progression status of the students is collected from the counselor who are interacting with the students to know about their academic performance. Any difficulties faced by the students in the subjects are identified either through the class committee meetings or feedback recorded by them with the principal, so that suitable tutorial classes are arranged for them through special attention. The institution also entertains the co-curricular activities like participation in various seminars, paper presentation and departmental activities and extra-curricular activities like cultural participation, sports performances etc., to analyze their overall performance. Outstanding performance of students will be identified and are rewarded for their achievements.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1906	59	0	0

(b) No. of students outside the state

40

(c) No. of international students

NIL

No	%
1365	69.4

Men

No	%
600	30.6

Women

Last Year (2016-17)					This Year (2017-18)						
General	SC	ST	OBC	Physically Challenged	Total General	SC	ST	OBC	Physically Challenged	Total	
183	295	4	1483	0	1965	109	297	6	1362	-	1774

Demand ratio 13:1

Dropout % 3%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

Students are guided by the Higher Studies Cell (HSC) in terms of appearing for competitive examinations, special awareness sessions are organized to increase the interest of our students towards higher studies in India and Overseas. GATE, UPSC, GRE, TOEFL training is conducted in the campus itself from September 2018. Foreign language classes are being conducted in Japanese and German languages for the students to improve the employability. Business English Certificate (BEC) formerly known as Cambridge English program is conducted for the students.

No. of students beneficiaries

334

5.5 No. of students qualified in these examinations

NET SET/SLET GATE CAT

IAS/IPS etc State PSC UPSC Others

5.6 Details of student counselling and career guidance

Student Counselling:

The class advisor system is followed to handle academic related grievances and other issues. Every class advisor provides guidance to students periodically to improve academic performance and skills. The class advisor with constant counselling helps the students to cope with their personal problems too. Also they take steps to realize their long term career goals and short term learning objectives. This counselling helps the students to perform effectively and efficiently in all academic related activities.

Career Guidance:

The institution organizes various training programmes to enhance the placement of the students. The training programmes like Group discussion, online based model test, aptitude test, mock interviews are conducted to enrich students' knowledge and to improve self confidence and communication skills. Placement training was conducted by the external training agency on Quantitative Aptitude, Reasoning ability, Group Discussion, Interview Handle, Resume Preparation and Current Corporate Trend / Personality Development. Alumni share their knowledge and experience through healthy discussions about the patterns, the growth and the status of the companies they are working in.

No. of students benefitted 875

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
9	321	105	23

5.8 Details of gender sensitization programmes

S.No	DATE	ACTIVITY	ACHIEVEMENT		
1	10.8.18	Gender Champions	Gender Champions are envisaged leaders who will facilitate an enabling environment within the institutions where girls are treated with dignity and respect. The following students are identified as gender champions.		
			S.No	Name of the student	Year & Branch
			1	Mr. K.Hariharan	IV Year Mech
			2	Ms. L.Kavitha	IV Year BIOTECH
			3	Mr. R.Hari	IV Year IT
			4	Ms. R.Harshani	III Year CSE
			5	Ms. T.Faiza Firdos	III Year Chemical
			6	Mr. M.R. Mohamed Ahmed Shahid	III Year Aero
			7	Mr. R.Sudhan	II Year EEE
			8	Ms. H.Pooja	II Year ECE
9	Ms. Jiya Josh	II Year Civil			
2	8.3.18	International Women's day celebration	Girls gain knowledge about Tips and Tricks to become Women Entrepreneurs		

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

Tamilnadu Handball Association Handball Championship 2018 under 17 was organized on 01.09.2018 and 02.09.2018. Over 35 teams from various districts in Tamilnadu participated.

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	-	-
Financial support from government	1052	49,55,097
Financial support from other sources	25	3,20,990
Number of students who received International/ National recognitions	-	-

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed

No major grievances have been recorded during the year.

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision

To emerge as a centre of excellence by providing high quality education in Engineering, Technology and Management and to contribute for the economic as well as societal growth of our nation.

Mission

- To impart strong fundamental and value-based academic knowledge in various Engineering, Technology and Management discipline to nurture creativity.
- To promote innovative Research and Development activities collaborating with Industries, R & D organizations and other statutory bodies.
- To provide conducive learning environment and training so as to empower the students with dynamic skill development for employability.
- To foster entrepreneurial spirit amongst the students for making a positive impact on remarkable community development

6.2 Does the Institution has a management Information System

For financial and administrative management, Management Information System is available. For academic management, an attendance online entry is developed.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

As the College follows the Syllabus and Curriculum of Anna University there is no scope of internal curricular designing, revision or up-gradation. For the students admitted in the academic year 2017-18, Anna University has introduced new regulations, curriculum and syllabus. This new regulation has many special features including choice based credit system.

6.3.2 Teaching and Learning

To facilitate the achievement of the intended learning outcomes the following strategies are adopted-

- Preparation of teaching plan at the beginning of the semester.
- Allotment of subjects based on skill sets of the faculty members.
- Preparation of the course plan by the Faculty members.
- Innovative teaching methodologies like Multimedia lectures, Assignments, quizzes, Group discussions and case studies etc.

6.3.3 Examination and Evaluation

The formative evaluation is done by three continuous assessment tests conducted by the Institution. The continuous assessment marks secured by the students are periodically submitted to the University through its web portal. The continuous assessment aids in identification of the slow learners. Further counselling and special training are imparted to the slow learners to enable them to perform better in the Anna University Examinations.

6.3.4 Research and Development

1. Teachers are kept updated about available scopes for applying for research grants.
2. Space and necessary infrastructural support is provided for research work.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Central computing facility with internet connectivity has been installed for the benefits of all the students and various faculties.

- A well equipped Language laboratory is available to improve communication skills of students using ICT resources.
- At least one of the class rooms of each department is fitted with LCD projectors to enable power point presentation of the learning materials prepared by the faculty or downloaded from the open source course materials of standard institutions like Massachusetts Institute of Technology.
- Placement cell conducts online tests as part of campus placement.
- Information is sent to parents and students through bulk SMS service.
- NPTEL, Spoken tutorial from IIT, Bombay are used for self learning in addition to class room teaching.
- The students are also given net-based seminars, assignments and mini projects.
- Digital Library provides online access to e-journals and e-resources.

6.3.6 Human Resource Management

The human resource management of SPCET provides adequate opportunities for the uplift of the students and the faculty members to undergo higher studies as well as to involve in research and development activities. Above all, there is a Governing Council that advises and monitors human resource management of the college. The college's aim is to make optimum use of the available human resource.

6.3.7 Faculty and Staff recruitment

Wide publicity is given in the leading dailies for the recruitment of staff required for the concerned department of the college. A panel constituted by the college will conduct interviews and based on the merits the staff are selected as per the norms prescribed by the Anna University.

6.3.8 Industry Interaction / Collaboration

1. All departments carry out Industrial visits as part of the curriculum.
2. The college has signed MoU with 4 industries for placement.
 - IBM
 - CAD CAM solutions, Chennai.
 - Vista Systemz, Chennai.
 - Unik Ready Mix Concrete, Chennai
3. Student internships are arranged for final year and pre-final year students.

6.3.9 Admission of Students

The institution follows AICTE norms and the rules of the Government of Tamil Nadu for admission of students. The seats of SPCET are filled only on merit basis through Anna University and through Consortium of Self Financing Engineering colleges. Immediately after the Publication of higher Secondary examination results, the students submit their Engineering Admission applications to the Anna University. The AU ranks the applicants based on merit. The seats are allotted to the students through a single window system of counselling, adhering to the quota for different communities and according to the ranks secured. For the management quota seats, the seats are allotted purely on merit basis to the students based on the ranking by (CSFPASTN) Consortium of self financing professional, Arts & Science College in Tamil Nadu.

6.4 Welfare schemes for

Teaching	Group insurance, Staff Credit Co-Operative Society, Accidental Benefit Schemes, Provident Fund.
Non teaching	Group insurance, Staff Credit Co-Operative Society Accidental Benefit Schemes, Staff Welfare Fund, Provident Fund, EPF.
Students	Student's Medical centre, Accidental Benefit Schemes, Free Studentship, Government Scholarships and Awards, Prizes.

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done Yes No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	---	ISO surveillance Team	yes	ISO and NAAC Coordinators (NAAC and ISO committee members)
Administrative	Yes	ISO surveillance Team	Yes	ISO and NAAC Coordinators (NAAC and ISO committee members)

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes Yes No

For PG Programmes Yes No

Anna University holds and declares results of Under Graduate courses, hence the college has no control over the date of publication of results.

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

- A web portal connecting the affiliated colleges and their faculty members to the office of the COE, Anna University has been created with the facility to schedule and to appoint examiners for the practical examinations and also to schedule and appoint examiners for central valuation / re-evaluation.
- Initiative for the implementation of total e-governance for the successful conduct of examinations has been done. In this connection, online data acquisition pertaining to students profile, attendance and internal assessment marks and the registration for the end semester examinations was implemented from Oct 2012 onwards. Further implemented the following in the online format
 - Registration of elective subjects.
 - Examination absentee's statement.
 - Registration for re-evaluation.
 - Registration for review.
 - Generation of hall ticket, nominal roll and attendance for the end semester examinations.
- Appointment of University Representatives, internal and external examiners for practical examinations, and examiners for central valuation/re-evaluation.
- Electronic question bank is prepared for most of the common subjects and is utilized for electronically generating the question paper.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

As the institution is affiliated to Anna University, promotion of autonomy is as per the university norms.

6.11 Activities and support from the Alumni Association

- A strong Alumni Database is created and maintained with the Internal Quality Assurance Cell and Placement and Training cell
- Alumni Meet to facilitate relationship.
- Alumni handle classes for their juniors when they are available to discuss corporate world and the latest topics in their respective field.
- Alumni recording their suggestions/comments/feedback about the corporate world and the latest trend.
- Alumni Feedback(about the curriculum, syllabi and regulations etc.,)
- Alumni take part in the Internal Quality Assurance Cell meeting to record their views.

6.12 Activities and support from the Parent – Teacher Association

- Letters sent to Parents (attendance and continuous internal assessment exams) about their wards.
- Parents’ participation in Alumni Meet.
- Parents’ participation in Graduation Day Function.
- Parents in Offer of Appointment Letter Distribution.
- Parents’ Feedback recorded by the respective departments.
- Parent teacher meets at the commencement of the academic year in which all the developmental activities done in the college are explained.

6.13 Development programmes for support staff

The non-teaching and the supporting staff are given training programmes on various aspects like usage of computers, the accounting package known as tally in order to be ready to develop a culture of paperless office and also given guidance to maintain the student database, alumni database, hostel database and other records associated with the stakeholders. They are encouraged to enhance their qualification joining distance education program. In case they become eligible for appointment to a higher cadre or to a teaching position they are considered

S.No	Date	Programme	No of staff benefitted
1	10.1.18	Road safety Awareness programme for Bus drivers and students	145
2	27.02.18-28.02.18	Computer and Vocational Training Programme for Women	30
3	25.4.18	Training programme for Masons on “Modern Construction Methods”	32

6.14 Initiatives taken by the institution to make the campus eco-friendly

The institute has taken various steps to promote a green environment within the campus.

- The students plant sapling in and around the campus.
- Usage of plastic covers is strictly prohibited in and around the campus.
- A separate estate officer is appointed in the college to take care of all these campus related activities.
- Waste water is recycled and used for the plants and trees.
- Initiatives are taken to install solar system to meet a part of the power consumption.
- The class rooms are spacious with lot of ventilation and hence it has also minimized the power consumption.
- Students and Staff are requested to switch off the fans and lights when not in use.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- A Facebook page for the institution has been created with the idea of hosting details of the activities of the college
- The college has been the pioneer in establishing SMS gateway used to send intimation to parents about their ward's performance and attendance detail regularly
- A group in Whatsapp is created for faculty as well as the students department wise to have instant communication regarding placement activities.
- A college magazine is released annually containing student achievement, articles.
- College newsletter is published once in a year containing faculty achievements, students participation and events conducted
- ESLP (Empowering Slow Learners Program): To address the challenges faced by the academically weak students, ESLP has been introduced in which efforts are taken to make the students understand the need to go out of the institution with a degree and a career along with thorough knowledge of the core engineering subjects.
- The library is having systems which are active in the Digital Library section with Internet access facility. Online subscription to 90 International Journals arranged under Institution of Electrical and Electronics Engineers (IEEE) memberships. Also NPTEL materials are made available to students.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

1. The college administration proposed the implementation of online admission to bring transparency and avoid any malpractice. The college implemented the programme.
2. Placement training programme has been planned to be conducted from I year onwards and this is implemented.

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

Practice #1

Title . *Research Forum*

Objective To be aware of the current research interest and motivate the faculty members and students to pursue research activity effectively and efficiently on common and specific social issues.

Context – Research and Development is the fulcrum of any country’s socio economic progress activities. Educational institutes take lion’s share of this arena in any country. To support this with proper perspective for innovation Research Forum is established. This forum extends supports to all researchers to nurture their research in leading issues of society in Science, Engineering and Technology and Management.

Practice – It is an open forum for faculty members and students interested in research. A fortnightly meeting scheduled for the members, in which the members are allotted slots to present their research interests for debate and then opportunity is given to members to discuss issues in the presentation and suggestions are solicited. The deliberations on the topics will be a support for the researchers to complete their work by strengthening the existing one through incorporating modifications.

Evidence of Success – The research scholars find ample opportunities to get supports from experts of concerned area and students are adopting the ideas discussed for their final year projects and paper presentations in other conferences and symposiums.

CASE STUDY

Resources Required –No resources required except extra time involvement from our faculties.

Problems encountered – There are no serious problems evidenced, but active debates leading to constructive criticism of concepts envisaged. The management extends adequate support to conduct this forum effectively.

Practice #2

Title – *Sliptest*

Objective – Making the students to fathom the concepts taught as to weigh the level of understanding, these tests are conducted. This improves the students listening practice and facilitates them to concentrate on the subject thought.

Context – It will enable the students to get clarified of doubts on the topics discussed. The curriculum which ought to have given more thrust on practical applications lacks in that

respect. Hence, to make the students technically sound and be thorough in knowledge and latest technology, this initiative has been established.

Practice- It is the responsibility of the teacher to know the student's level of understanding on the concepts and techniques taught. The gist of the lecture can be reviewed by this slip test. Based on the performance, the varied level of understanding by the students can be categorized and the same can be used to adopt certain modification in teaching methodology to give personal care. Further students may have a better practice on recognition and recollecting memory skill

Evidence of Success – Better practice to memory exercise. It will reduce student's burden of accumulating the subjects to study at the time of examination. Increased understanding ability leads to perform better in the end semester examinations, technical interviews, group discussions, strengthens innovative ability through demonstration mini projects and assignments.

CASE STUDY

Resources Required -The management is happy to provide needed stationery items and additional working hours to complete the syllabus in time

Problems encountered- In implementing the above process, no serious problems are encountered other than allotting a meagre portion of lecture hour but it is used to strengthen the teaching and making strong technical foundation among students..

7.4 Contribution to environmental awareness / protection

- Environmental Studies is included in the curriculum as a separate paper with credits. Hence the students are aware of the ways of protecting the environment.
- NSS Unit –SPCET – Around 50 NSS Volunteers Participated in “SWACHH BHARATH ABIYAN” – Awareness created to Public” on 06.10.2017 at Ambathur
- IEEE Second International conference on Environmental Management and Green Technologies organised during September 27-29, 2017.
- The use of plastics is banned in the institution.
- Waste water is recycled and used for trees and plants.
- In order to create environmental awareness the students are instructed to dispose the waste in the dustbins that are placed in the classrooms and frequently visited places.
- Usage of plastic covers is banned inside the campus.
- Various awareness programs are organized in the college by the NSS forum on 19th to 25th march 2018.
- Incinerators have been installed in the women's hostel.
- All student and staff of the college are given awareness about switching off the fans and other devices when not in use.

7.5 Whether environmental audit was conducted? Yes No

7.6 Any other relevant information the institution wishes to add. (for example SWOC Analysis)

SWOC analysis done. (Annexure IV)

NPTEL sessions

The main objective of this exercise is to enhance the communication and technical skills of the students in their respective mindset.

NPTEL Digital Video Library - Features & Benefits of LocalGuru Software installed in the college campus which provides

- Easy Access to High Quality Learning Materials
- No Bandwidth Constraints (Internet connection not required while accessing from College LAN)
- Improves Technical Skills and by that way improves Employability
- NPTEL material is indexed to GATE exam syllabus. Useful for GATE preparation (Entrance exam for IITs and eligibility test for all Public Sector companies) in India.
- Improves academic scores using high quality teaching.
- Easy access to videos using Advance search and Keyword search.

Class Committee meetings – scheduled by IQAC to record the views of various students in terms of teaching – learning methodology, about the environment sticking to any of the curricular, co-curricular and extra – curricular activities.

Career guidance and Counselling Guidance Cell – It consists of 3 phases – personal guidance, educational guidance and career guidance.

Guidance & Counseling Cell has been established in the college to provide guidance to achieve following objectives:-

- To provide guidance to the students on various options available in the course of their study.
- To identify and develop students abilities and interests.
- To help the students to solve their personal, educational and psychological problems.
- To develop positive attitude and behaviour in order to meet challenges.
- To create awareness among the students for their future profession.
- To provide information to the students on the scope and relevance of any area irrespective of their field of interest.
- To recognize their strength and overcome weaknesses.

Career Development and Placement Cell ensures and takes care to provide the best arrangements for placing its students in premier institutions. It also conducts training programs for the students to enable them to face interviews. These programmes include workshops on self motivation, presentation skills, communication skills and mock personal interviews etc.,

Grievance Redressal Cell - To realise the primary needs of the students, a Grievance Redressal Cell has been constituted in the college. The Grievance Redressal Cell holds meetings periodically and takes steps to redress the grievances if any. The Principal is the chairperson of the cell. Dean Student Welfare and two teachers are other members of the cell. Anyone with a genuine grievance may approach the members in person, or the Principal. In case the student is unwilling to appear in person, grievances may be dropped in the grievance box earmarked for the purpose. Grievances may also be sent through e-mail to the Principal.

Entrepreneur Development Cell – This is started with the objective of promoting specialized knowledge in the field of entrepreneurship development. This cell strives to identify talented youth to entrepreneurial works. This cell plans to organize various programmes regarding entrepreneurship development.

IEEE student Branch - Student Branches provide an opportunity for IEEE Student Members to begin networking in their areas of interest and future profession. IEEE opens the door to opportunities that will help you develop your professional identity in IEEE's designated fields of interest: sciences, technology, engineering, and mathematics (STEM). In addition to accessing a range of membership benefits, you'll make global connections with people who can help you along your targeted career path through IEEE's international community of members and volunteers.

IChE student chapter - All chemical engineering students are members of this chapter and provides opportunity to access the resources from industry and academia and also help them for career readiness tools for starting employment.

8. Plans of institution for next year

- To encourage more students to participate in inter-college and inter-university events.
- To strengthen R&D activities and consultancy services.
- To improve in campus and off campus placements by providing effective training programmes.
- To facilitate more students to be successful in competitive examinations.
- To increase the number of publications in peer reviewed journals.

NAME: Dr. P.PARTHEEBAN



Signature of the Coordinator, IQAC



NAME: Dr. S.SELVAN

PRINCIPAL, SP CET



Signature of the Chairperson, IQAC

PRINCIPAL

AQAR REPORT: ST.PETER'S COLLEGE OF ENGINEERING AND TECHNOLOGY Avadi, Chennai-600 054

Avadi, Chennai-600 054

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ANNEXURE A: ACADEMIC CALENDAR

MONTH	EVENTS
JULY	Commencement of classes- II, III, IV Year First class committee meeting- II, III, IV Year Unit test I -II, III, IV Year
AUGUST	Second class committee meeting- II, III, IV Year, Unit test II -II, III, IV Year. First Assessment/ Attendance Report – II, III, IV Year
SEPTEMBER	Third class committee meeting- II, III, IV Year, Unit test III- II, III, IV Year. Second Assessment/ Attendance Report – II, III, IV Year First Year Classes Commencement. Unit test I –I Year. First class committee meeting- I Year First Assessment/ Attendance Report – I Year
OCTOBER	Second class committee meeting- I Year Unit test II -I Year Second Assessment/ Attendance Report – I Year Unit test IV- II, III, IV Year MODEL EXAMINATION- II, III, IV Year Third Assessment/ Attendance Report – II, III, IV Year
NOVEMBER	Unit test III -I Year Third class committee meeting- I Year MODEL EXAMINATION- I Year
DECEMBER	Third Assessment/ Attendance Report – I Year Vacation for staff
JANUARY	Commencement of classes- I,II, III, Year First class committee meeting-I, II, III, Year Unit test I -II, III, IV Year
FEBRUARY	Unit test I -I Year First Assessment/ Attendance Report –I, II, III, Year Second class committee meeting-I, II, III, Year
MARCH	Unit test II -I, IV Year Unit test III -II, IIIYear Third class committee meeting-I, II, III, Year Second Assessment/ Attendance Report – II, III, Year
APRIL	Second Assessment/ Attendance Report – II, III, Year MODEL EXAMINATION- II, III, IV Year Third Assessment/ Attendance Report – IV Year
MAY	MODEL EXAMINATION- I Year Third Assessment/ Attendance Report – I Year

ANNEXURE B

ANALYSIS OF THE FEEDBACK FROM STAKE HOLDERS

A few Alumni opted that there should be revision in the Syllabus. Since this is an Affiliated Institution, this can't be achieved. So in turn to the benefit of the students, various events/programmes have been organized by the departments/centres/cells/clubs of the organization for creating awareness about the latest trends and technology in their respective field.

Students felt that they need placement awareness programmes. So in this regards the members of IQAC along with the Trustee decided to have pre – placement awareness programmes for all four year students and the same has been implemented.

Students also felt that Teaching – Learning process with the use of Information Communication Technology tools should be more interactive in nature. So in this regard Team – Based Learning methodology, where students are given training on Spoken Tutorial to achieve the goal and the same has been implemented.

And also to have more effective way of learning Digital Video Library has been introduced in the form of NPTEL (National Programme on Technology Enhanced Learning) and the same has been set-up in the college campus through which students can browse the videos of quality standards given by IIT and IISc professors.

The students have also chalked out that they are still in need of more programmes in the near future and to have the same type of coaching as done by Placement cell by focusing on the latest trends, technologies and certificate courses.

During the NPTEL hours the students view the videos needed by them out of 600+ videos which have been installed in the NPTEL Digital Video Library of the college where the courses closely mimic the traditional classroom model with a series of long lectures followed by quizzes and a written examination for certification. After getting feedback from the students college established a NPTEL study centre for the NPTEL online certification courses as well.

The students and the stakeholders were very much grateful to the NSS Cell for the activities and camp organized by them as an Environment Awareness programme and as Social Responsibility programme.

Few of alumni have mentioned in their feedback the Pre awareness about the placement programme was a big boon for them. Still they insisted to improve the same in the near future and also to include Alumni interaction session as part of it, so that students will get more and more knowledge about the corporate world.

Few of them have appreciated the Higher Studies Cell training series which is organized to know about the higher education in India and abroad and has requested for the same in the near future.

As far as student support services are concerned both the students and alumni have expressed their fullest satisfaction and they were all in praise of the efforts taken by the management in making the students employable and getting them placement in reputed companies.

ANNEXURE C: SWOC ANALYSIS

Strengths:

- The institution has well established administrative structure to solve issues on facilities needed as and when required.
- The institution has sprawling Eco – Friendly campus, with adequate infrastructure.
- The college is JAS-ANZ ISO 9001:2015 certified institution.
- The institution has competent, skilled and committed faculty members contributing through their efforts for the achievement of the vision of the institution.
- Weekly research forum meet is conducted to update inter departmental research activities.
- Faculty members are motivated to participate and organize Seminars, Workshops and Conferences to emphasize their research skills.
- Slip tests are conducted at the end of every lecture period to make the students to fathom the concepts taught as well as to weigh the level of understanding.
- Technical Programmes are conducted through Student Chapters of professional bodies like IEEE, IETE, ISTE, CSI, IE, AeSI and SAE. Our institution is a member of ICT Academy of Tamilnadu.
- Faculty development programmes and Training programmes for students and faculty are organized by ICT Academy of Tamilnadu. All departments train the students to appear for competitive exams.
- Enhanced learning (NPTEL) facility is provided for modern pedagogy and advanced learning. More expert lectures are arranged in all the subjects to further strengthen the learning standards of the students and to have a better approach for their future.
- To improve the industry institute interaction, MoUs are signed with leading organizations for knowledge development programmes.
- Working hours are extended to discuss problems and other related issues in the subjects with students.
- The institution focuses on mentoring and personality development of each student for developing positive attitude, leadership qualities, etc.
- Soft skill training programmes are outsourced for students to develop the life skills needed to perform well in interviews.
- The institution gives supports to students to participate in Co-Curricular and Extra Curricular activities as to exchange knowledge and to manifest their skills and talents.
- The college has a very good feedback system, which collects feedback from all the stakeholders and makes use of this feedback for implementing new systems whenever and wherever necessary for continuous improvement.
- The college implements Internal Quality Audit to improve the effectiveness of Teaching-Learning process.
- The college has adequate generator backup.

- The institution has well established and active Alumni Association which supports the college by motivating the students and providing placement assistance.
- The institution has an excellent library and the digital library helps the students to access e-books, e-journals and e-magazines.
- The college has well connected Transport facilities.
- Students are involved in social activities like conducting awareness programs, health camps through NSS, YRC and RRC ably guided by faculty.
- The presence of High Speed Internet and Wi-Fi connectivity help in improving the students' capability to excel in their career.

Weaknesses:

- Our institution is an affiliated institution and has to follow the curriculum designed and prescribed by the affiliating university and scope of academic flexibility is very limited.
- Funds are yet to be received from Government Funding Agencies for research projects.
- Success rates of our students in competitive exams like GATE, CAT, TANCET, UPSC, etc are less.
- There is a desperate need for more research publications in high impact factor journals.
- The processes of getting Patents and Consultancy are progressing in slow pace and need to be expedited.

Opportunities:

- Opportunities on collaborative research with Premier research institutions like IIT Madras, Anna University, CSIR, CLRI, etc., are more to our institution.
- There is more scope for training students to be successful in competitive Examinations.
- There is a wide scope for improving the Industry Institute interactions.
- The institution has amenable access to various firms/industries to impart hands-on-training to students.
- As Chennai is one of the major metropolitan cities, leading to plethora of commercial establishments, the chance to get more consultancy assignments are near reaching.
- Enriching the faculty's knowledge through FDPs, Conferences, Workshops and Seminars are more viable.

Challenges:

- Instilling self confidence among the students to face the current scenario is time consuming process.
- Getting placement in Core Companies needs more effort to make our students cater to the needs of industry.
- Periodical changes in the technology advancement pose constraints in coping up with the demands of the stakeholders.
- Arousing motivation among the students from rural background to improve their communication skill and adaptability with the trend is a hectic task before the faculty members.
- Endeavours on getting more funds for Research Projects from prominent funding agencies are becoming ground breaking processes.
- With addition of new colleges and increase in intake of the existing colleges, there exists a stiff competition among the colleges for student admission. In this competition recruiting and retaining the quality faculty is also a challenge.
- Fulfilling the expectation of the Societal needs due to rapid advancement in technologies mount more pressure on faculty to implement suitably modified teaching-learning system.

Plan of Action by IQAC

The IQAC co-ordinated the quality initiatives in the college involving faculty, non- teaching staff as well as students. These are

- Parameter/Benchmark for development activities
- Calendar of Events
- To create Research and Development cell for promoting research work.
- Continuous improvement of faculty performance through self appraisal
- Publication and Paper presentations.
- Deputing faculty members for conference, seminars and workshops.
- Organising Guest lectures
- Organising conferences, workshops and seminars.
- Interdepartmental presentations
- Student counselling and career guidance.
- Identifying and sharing of departmental best practices
- Students feedback system and analysis.
- Placement activities.
- IEEE, IEI, CSI, IETE, SAE, AERO IChE, Students chapter activities.
- ISTE Chapter activities.
- Club activities.
- Workshop for nonteaching staff members.

Academic Calendar (2017 – 2018)		
S.No	Activities	Schedule
1.	IQAC Committee Meeting (Twice in a year)	August and March
2.	HODs meeting	Weekly once
3.	Master Time Table	Submission by HOD – Before reopening of classes.
4	Teaching Plan	To be prepared before the commencement of the classes
5	Semester wise Faculty Handling Subjects and Classes	To be submitted on or before October 31 st and April 15 th
6	Department NEWSLETTER	To be submitted on or before April 30 th
7	Feedback From Alumini	During Alumini Meet
8.	Annual Academic Audit and Stock Taking	To be conducted in April
9	Staff Evaluation by student	Staff evaluation is collected from the students at the end of the semester during April and October.
10	Feedback from Parents	After publication of results parents will be called and feedback will be collected.
11	Confidential Report on staff	Submission through the HOD – May of every year.
12	Evaluation Report	From Cell/ Centre /Club annually as expected in NAAC
13	Details for IQAC Newsletter (Annual)	In the month of June every year
14	Annual Quality Assurance Report to be submitted to NAAC	In the month of September every year
15	Daily Teaching of Individual – Academic Interaction Record	Submitted through HOD to the Principal
16	Semester wise Faculty Handling	Submission by HOD to the Principal On or before 30 th June for ODD semester and 30 th November for EVEN semester.
17	Letter to parents	Every month after Internal Assessment
18	Alumni Meet	Once in a year
19	ISO Internal Audit	Once in six months
20	ISO External Audit	Once in six months
21	ISO Orientation Program	At the beginning of the academic year.
22	Question Bank by all faculty members handling subjects	Before the commencement of classes each semester
23	Monthly Report from the department	5 th of every month
24.	National Level Technical Symposium	Once in every year
25	First year orientation program	At the beginning of the academic year

26	Academic Schedule(Odd and Even)	Issued every semester before the commencement of the classes
27	Anna University Assesment Entry	As Per the notification given in AU web portal
28	Engineers Day celebration	September 15 th of ever year
29	Womens Day Celebration	March 8 th of every year
30	Academic plan of the department along with the budget proposal to be correlated with the IQAC activities	Before the commencement of academic activities(ie.May-June)

Department of Aeronautical Engineering

S.No	DATE	PLAN OF ACTION	ACHIEVEMENTS
	04-08-2017	Seminar organised by Aeronautical Society of India(AeSI), Chennai Branch	Seminar on “Maintenance, repair and Overhauling in Aircraft” by Dr.M.Chinnapandian and Mr.V.Vinoth
	19-08-2107	Other Activities : Our students participated in some events organised by Gojan school of business and technology	Prize winners: Balsa war I prize 1. R.Ranjithkumar 2. S.Samraj Parachute Modelling II prize 1. R.Aravind 2. E.Ranjithkumar Aircraft Investigation I prize 1. R.Aravind 2. R.Ranjithkumar 3. E.Ranjithkumar Aero Quiz II prize 1. T.Balavignesh 2. K.Hariharan
	14.09.2017	Placement talk on “ Career in Indian armed forces”	Personnel from Defence Academy delivered the talk
	20.09.2017	One day workshop on Non-Destructive Testing organised by TBI-St.Peter’s University, Avadi	Attended by 1. R.ARAVIND 2. P.MIDHUN 3. MONIL.J.SINGH 4. S.SARANYA 5. S.SATHYA
	04.10.2017	Orientation program	Mr.Udhay SankarInaugurated the programme by inviting the students.
	06-10-2017	Executive Committee Meeting	Executive Committee Meeting organised by Aeronautical Society of India (AeSI), Chennai branch
	07-10-2017	National level technical symposium –CELERITAS 2K17 organized by ECE Department on in SKR Engineering college	Ranjithkumar.E from IV Yr Aeronautical student participated in Innovative Mind, circuit aidevent of National level technical symposium
	07-10-2017	National level technical symposium –CKRIP’TOS’17 organized by CSE Department in SKR Engineering college.	Ranjithkumar.E from IV Yr Aeronautical student participated in Fix IT event
	07-10-2017	National level technical symposium –INVICTA 2K17 EEE Department SKR Engineering college.	Ranjithkumar.E from IV Yr Aeronautical student participatedLINKZZ event
	14-10-2017	Teacher Empowerment	1. Attended by

		Program on Presentation skills organised by Tata Consulting services	Dr.M.Chinnapandian/HOD AERO 2. Mr.M.Dinesh/ AP, 3. Mrs.V.Umakarthika/AP
	21-10-2017	Teacher Empowerment Program on Presentation skills organised by Tata Consulting services	Attended by 1. Mr.V.Vinoth/AP 2. Mr.A.Muthukrishnan/AP
	18.11.17	Other activities : AGM SAE India –Southern Section	AGM SAE India –Southern Section organised by SAE India
	19-11-2017 & 20-11-2017	ISO Awareness programme organised by SPCET	Attended by 1. Mr.V.Vinoth/AP 2. Mr.M.Dinesh/ AP, 3. Dr.M.Chinnapandian /HOD AERO
	28.11.17& 29.11.17	ISO Internal Audit Training programme organised by SPCET	Attended by 1. Dr.M.Chinnapandian /HOD AERO 2. Mr.V.Vinoth/AP 3. Mrs.V.Umakarthika/AP 4. Mr.M.Dinesh/ AP,
	27.11.2017 to 30.11.2017	Inplant Training to III year students	Taneja Aerospace and Aviation (P) Ltd (TAAL), Banagalore Attended by the following students 1. Ms.Revathy, 2. Ms.Kalaivani 3. Mr Daniel Christopher
	December 2017	Research	Submitted a Proposal to DST on Multi institutional Centre for “Solar Thermal Energy Conversion and Storage Materials “Fund requested Rs.1 Crore
	08-01-2018	Our students participated in the events organised by Department of Aeronautical engineering, REC	Event : Glider The following students participated 1. G.Aravinth (II Yr) 2. M.Anusha (II Yr) 3. Mohammed Shahid (II Yr) 4. Revathy.R.K (III Yr) Event 2 : Water Rockery Prize winners : II place 1. Mohammed Shahid (II Yr) 2. Revathy.R.K (III Yr) Event 3 : Technical Quiz Participated by 1. G.Aravinth (II Yr) 2. M.Anusha (II Yr) 3. Mohammed Shahid (II Yr) 4. Revathy.R.K (III Yr)

			Event 4 : Aircrash Investigation Participated by 1. G.Aravinth (II Yr) 2. M.Anusha (II Yr) 3. Mohammed Shahid (II Yr) 4. Revathy.R.K (III Yr)
	07.02.18	National level technical symposium IGNIS 2K18	
	22.02.18	Guest lecture on Modern Methods of NDT for Inspection of Aerospace Structures	Lecture delivered by Dr. K. GURUSAMY, Project Manager –TBI SPEC
	17.03.18 & 18.03.18	Workshop on : SAEISS ADC Workshop III organized by SAE INDIA	
	09-03-2018	Workshop on Missile Designing and F1 Glider (Waves'18) organised by Anna University, CEG campus, Chennai	The following students participated 1. Christopher Daniel (III Yr) 2. Sathyaseelan A.M (III Yr) 3. Revathy.R.K (III Yr) 4. Mohammed Shahid (II Yr) 5. M.Anusha (II Yr)
	10-03-2018	Students participated in the events organised by Department of Aeronautical engineering, JeppiarEngg. college	The following students participated and won prizes Event 1 : Glider 1. Revathy.R.K (III Yr) – I prize 2. M.Anusha (II Yr) – II prize Event 2 : Parchute Modelling 1. Revathy.R.K (III Yr) – I Prize 2. M.Anusha (II Yr) – II Prize Event 3 :Water Rocketery Participated by 1. Revathy.R.K (III Yr) 2. Mohammed Shahid (II Yr)
	27.06.18 & 28.06.18	FDP on “Introduction on AUTODESK AUTOCAD” organised by ICT Academy at Panimalar Institute of Technology	Useful to understand the new version of AUTOCAD 2017
	06.07.2018	Guest Lecture on Latent Causes in Aviation Safety	Guest Lecture organised by Madras Management Association &AeSI, Chennai Dr.M.Chinnapandian attended the Lecture
	11.07.2018 to 13.07.2018	Aero Design Challenge competition 2018	The competition was organised by SAE-INDIA at CEG Campus, Anna University. Dr.M.Chinnapandian and

			Mr.M.Yuvaraj along with the following students participated Linson.P.JohnsonIV Parvez Basha.S IV Ranjith Kumar.EIV Samraj.S IV Ranjith Kumar.R IV Monil J Singh IV Mohamed Musheer.N IV Christopher Daniel III Dharan Kumar.A III Kalaivani.B III Kishore Kumar.R III Revathy.R.K III Sathya Seelan.A.M III Mohamed Shahid .M.RII
	20.07.2018 & 21.07.2018	International Conference in Advances in Design Materials and Manufacturing	The conference was organised by SAEISS at MIT Campus, Anna University, Chennai. Dr.M.Chinnapandian attended the conference.

Department of Biotechnology

S.NO	DATE	PLAN OF ACTION	ACHIEVEMENS
1.	01-08-2017	Industrial visit for third year students	41 studets attended the IV to Eppendorff, Chennai escorted by Dr. P. Hari Babu& Ms. V. Priscilla Pushparani
2.	25-08-2017 & 26-08-2017	National level Rural Fest - Hockey	K.Muneeshwaran achieved gold medal
3.	27-08-2017 & 28-08-2017	National Seminar on applications of biotechnology organised by KarpagaVinayaga College of engineering and Technology, Chennai	Attended by Mrs. K. Chitrakala Ms. V. Priscilla Pushparani Ms. T. Devi
4.	15-09-2017 & 16-09-2017	Submission of research project abstract to International conference on Bioprocessing India 2017	Mr. Ranjith kumar and Mr. R. Sivakumar is presently working under the research project and submitted the abstract to International Conference on Bioprocessing India – 2017 in Indian Institute of Technology, Guwahati going to be held on 9-11 December 2017.

5	15-09-2017 & 16-09-2017	4th National workshop on biofuels and bioenergy organized by St.Joseph's college of engineering and technology for II years (V sem)	The following students attended the workshop L.Thamaraiselvan S.Keerthika L.Kavitha M.Susma R.Karthika Devi K.Hemavani G.Bhavadharani
6		National conference on Entrepreneurship: current scenario, scope and oppurtunities in food and bioprocessing for III years (V sem)	The following students attended the workshop S.Pavithra R.Dineshkumar C.Kudiarasu R.Sivakumar
7	24-08-2017	Workshop on Bioinformatics organized by C.S.Scientific writing services for III Year (V sem)	The following students attended the workshop G. Kavinselvi S.Divyapreetha R. Sonia K.R.Ghokila Shree C.Kudiarasu S.Philomina B.Thiagarajan S. Priyadharshini K. Premi K. Hemavani G.R.Sabarishkhanna
8	25-09-2017 & 27-09-2017	National level techno-cultural fest organized by sreevidyaniethan educational institutions, Tirupati for IV year (VIIsem)	Attended by E.Jayashree
9	26-09-2017 & 27-09-2017	Presented a paper entitled in National conference on Bioenergy and Bioproducts organized by Bannari Amman Institute of Technology, Sathyamangalam for II year & III sem	Attended by V. Varsha A. Kerthikadevi M.Pragathi
10	28.10.2017	National Seminar on applications of biotechnology organized by KarpagaVinayaga College of Engineering and Technology for II year, III year and IV year	The following students attended the seminar II year , III sem S. Aishwarya Kiruthiga Priyanka III year , V sem S.Yuvasri

			R.Saranya S.Harini IV year, VII sem K.S.Dheepthi K.Karthiga Kayalvizhi
11	27-10-2017 & 28-10-2017	Workshop on “BIOSUMMIT 17” at VIT	R.Gokhila Shree, K.Premi, DhivyaPreetha students of III year has attended the workshop
13	09-12-2017 & 11-12-2017	Poster Presentation on Bioprocessing India – 2017 organised by IIT Guwahati	Mr. M. Ranjith kumar, Mr. S. Sivakumar presented paper entitled “Thermomyceslanuginosus – Lipase production using Solid-state cultivation”,
14	21-12-2017	Research Activity	Ms. M. Narayani has given her research topic “Production of Therapeutic cyclic peptides using plant cell technology” in Research Forum meeting
15	22.12.2017	Inplant training in “Aavin Industries Ltd.”	Attended by 1. Kavitha 2. Bhavatharani 3. K. Hemavani.
16	29.12.2017	Inplant training in “Kousik Pharmaceuticals” (Pvt.) Ltd.	Attended by 1. Kavitha 2. Bhavatharani 3. K. Hemavani 4. Keerthika 5. S. Thamarai Selvan 6. Rahul Kannan
17	30-01-2018	Tyrotek 2k18 National Level Technical Symposium on Biotechnological Applications in the field of Agriculture, Energy and Healthcare.	Two invited lectures from reputed institution (AU and IITM) and around 90 external Participants including students and researchers
	31-01-2018	On-campus placement interview conducted by M/s. QSPIDERS	Final year students attended the placement drive
	03-02-2018	National level technical symposium - Tyrotek’2K17 organised by K. Chitrakala Biotechnology	35 student members from various colleges participated in the event and presented papers.
	MARCH 2018	RIPE coaching class for development of soft skill training for placements.	Attended by III year students
	APRIL 2018	Placement drive	Final year Biotechnology students Bhuaneswari, Deepthi, Ajithkumar

			and Jayashree have placed in Placement recruitment by Domex India (Pvt.) Ltd.
16-07-2018	National Level Technical workshop on “Cancer Informatic” organized by Vel Tech Dr.RR Dr.SR R&D institute of science and technology	Sabarish Khanna, Thiagarajan, Yashwanth Sanjay and Munishwaran from final year biotechnology had participated	
27-07-2018	One day National Workshop on “High Performance Liquid chromatography – Analytical Techniques”	30 external candidates including students, research scholars and faculty members have participated.	
	Library activities	2nd, 3rd and 4th year students have been instructed to improve their reading and listening ability through library activities	
	Research activities	3rd year and 4th year students are actively engaged in a mini project under the department faculty members during their mini project class hours	
13.07.2018	Guest Lecture was organised on the topic Chemical process Industries –are they safer.	Lecture was delivered by Dr.G.Venkatratnam Sr.Principal Scientist -CLRI122 students of chemical engineering participated and were enriched.	
18.07.2018	Guest Lecture on Industrial perspective on heat and mass transfer	Mr.K.Vimal Kumar Director-ANABEEB was invited as the Guest and he delivered a lecture about industrial perspective on heat and mass transfer. 122 students participated and were contented.	
26.07.18	Industry visit for III years	Industrial visit to CarborundamUniversal Ltd . 20 students visited and were escorted by Ms.J.Sheeba and Mr.B.Arvind	

Department of Management Studies (M.B.A.)

S.NO	DATE	PLAN OF ACTION	ACHIVEMENT
	30.08.2017	Industrial visit for II year to SEBI	38 students participated and were escorted by Dr.R.Murali. they experienced Live training on stock exchange
	21.08.2017 to 29.08.2017	TEDP- MSME of St.Peter's University	Lecture by the following experts <ol style="list-style-type: none"> 1. Dr.T.L.V.Subramanian 2. Dr.B.Sankaran 3. Dr.S.Kavitha 4. Mrs.C.Evangeline 5. Mr.A.Fredrick 6. Mr.K.Kumar
	August 2017	Department Association Activities	Club activities for the academic year 2017 – 2018 were proposed with an addition of Operations Club to the existing Marketing, HR, Finance, Information Club.

Department of Civil Engineering

S.NO	DATE	PLAN OF ACTION	ACHIEVEMENT
1	August 2017	Research Activities	<p>1.Project proposal submitted to TNSCST on the title “EXPERIMENTAL STUDY ON SELF-HEALING BACTERIAL CONCRETE” guided by Mr.V.Guru.Student members V.Dharani,N.Nagarani,V.Anandhi,I.JasmineJebaselvi .</p> <p>2.Project proposal submitted to TNSCST on the title “EXPERIMENTAL STUDY ON M-SAND IN CONCRETE USING HVFA AS COMPOSITE MATERIALS” guided by Dr.P.Priya Rachel. Student Members J.Shifa, B.Keerthiga, P.Saimadhavi, K.Sushma.</p> <p>3.Project proposal submitted to TNSCST on the title “EXPERIMENTAL STUDY ON ECO-FRIENDLY CONCRETE REPLACING FINE AGGREGATE WITH M-SAND AND E-WASTE” guided by Dr.P.Partheeban. Student Members Pb.Lakshmi Narayanan ,G.Deepanraj, S.Tamilvanan, M.Vishnu Prasad.</p> <p>4.Project proposal submitted to TNSCST on the title “STUDY ON SAFETY AND SECURITY</p>

			ISSUES OF WOMEN TWO WHEELER RIDERS IN CHENNAI CITY”guided by Dr.P.Partheeban. Student MembersS.Pavithra,I.Pavithra,R.Sivaranjani
August 2017	Fund granted for conference		A sum of Rs 50,000/- was sanctioned by ISRO for organizing “IEEE Second International conference on Environmental Management and Green Technologies”
21-08-2017 to 28-09-2017	Seminar on Entrepreneurship development programme on sustainable Building Materials organised by St.Peter’s Insititue of Higher Education and Research		Seminar on Entrepreneurship development programme on sustainable Building Materials by Dr.P.Partheeban Mr.V.Guru Mr.Babu Kamaraj Mrs.C.A.Poornima at St.Peter’s Insititue of Higher Education and Research
August 2017	Industrial visit for II years		IV to UNIQ Ready Mix Concrete. 12 students were present and were escorted by Mr.V.Guru
August 2017	Department association activities		Inauguration of IGBC Students Chapter 50th Engineers’ Day celebration through IEI Students Chapter
05-10-2017	Industrial Visit for final years		IV to sewage treatment plant.48 students participated who were escorted by Mr.S.Bharath Kumar Mrs.C.A.Poornima
07-10-2017	Placement programme		Placement Awareness Programme by Mr.Vivek Ranjan (L &T)
12-10-2017	Placement Awareness programme		Placement awarneness talk by alumni Mr Brindhan.
October 2017	Research Activities		1.Project proposal submitted to IEI on the title “EXPERIMENTAL STUDY ON ECO-FRIENDLY CONCRETE REPLACING FINE AGGREGATE WITH M-SAND AND E-WASTE” guided by Dr.P. Partheeban. Student Members Pb.Lakshmi Narayanan ,G.Deepanraj, S.Tamilvanan, M.Vishnu Prasad. 2.Project proposal submitted to IEI on the title “STUDY ON GROUNDWATER QUALITY DUE TO SUPPLY OF WATER THROUGH UNORGANISED WATER TANKERS IN CHENNAI CITY”guided by Dr.P.Partheeban. Student Members S.Pavithra, I.Pavithra, R.Sivaranjani.
10-01-2018	Awareness Programme		Road safety Awarness programme for college bus drivers

	13.2.18	National level students symposium	Paper presentation, model making and quiz competition were conducted in connection with the students symposium
	22-02-2018 & 23-02-2018	International conference Energy, Environment and Industrial safety Organised by Anna University	Dr.P.Priya Rachel presented a Paper on Experimental investigation on the behaviour of pet fibre reinforced concrete
	27-03-2018 & 28-03-2018	National Conference on Sustainable Construction Materials	Attended by 1. Dr.P.Partheeban 2. Mrs.C.A.Poornima 3. Mr.P.BabuKamaraj
	20-03-2018	Guest Lecture on Fire safety	A lecture was delivered by Mr. Narayanamoorthy & Mr. Ramesh. Safety Officer Hyundai motor, Sriperumandur.
	21-03-2018	Industrial visit for II years	12 students attended the IV to Poondi dam, escorted by Mr.P. Babu Kamaraj
	24-03-2018	Industrial visit for III years	43 students attended the IV to Chennai port escorted by Mr.V.Guru & Dr.A.R.R.Kalayarrasi
	25-04-2018	Awareness Programme	Awareness Programme on Modern Construction Materials for Construction Workers organised by Dr.P.Priya Rachel
	April 2018	Research	Project funded by IEI on the title "EXPERIMENTAL STUDY ON ECO-FRIENDLY CONCRETE REPLACING FINE AGGREGATE WITH M-SAND AND E-WASTE" guided by Dr.P. Partheeban was completed

Department of Chemical Engineering

S.NO	DATE	PLAN OF ACTION	ACHIEVEMENT
1	04-08-2017	Seminar organised by Dr.S.Theneshkumar	Attended 125 participants and published proceedings
2	10-08-2017	Industrial visits for III year	Organised an IV to Carborundam Universal Ltd. 52 students attended and were escorted by A.Agal/AP B.Arvind/AP
3	31-08-2017	Industrial visits for IV year	Organised an IV to CMWSSB. 22 students attended and were escorted by J.Sheeba/AP & B.Arvind/AP
4	14-10-2017 & 21-10-2017	Faculty Development Programme on Presentation Skills conducted by TCS	The following faculty members attended the programme S.Thenesh Kumar B.Arvind

			A.Agal Ms.J.SheebaVinoliaPriyadharsini
5	20-11-2017 & 21-11-2017	ISO Awareness Programme organised IAS PVT LTD	The following faculty members attended the programme 1. S.Thenesh Kumar 2. A.Agal 3. B.Arvind 4. Ms.J.SheebavinoliaPriyadharsini
6	27-11-2017 to 27-12-2017	Internship Training by III years	Attended by 1. Subathra 2. Dharshini 3. Sneha
7	17-10-2017 to 10-12-2017	Internship Training by III years	Attended by 1. Judith 2. Jawaharlal Nehru
8	13.11.2017	Research project on “Extraction of Curcumin from turmeric” in Chemical Engineering lab in St.Peter’s College Of Engineering and Technology	Following III year students of Chemical Engineering are doing research project 1. Rakesh Kumar.A 2. Saikumar.N 3. Vignesh.P
9	13.11.2017	Research project on “Extraction of Forskolin from Coleus Forskolii Roots” in Chemical Engineering lab in St.Peter’s College Of Engineering and Technology	Following III year students of Chemical Engineering are doing research project 1. Rajeshwari .T 2. Sharon Jemimah.S 3. DilliPriya.B
10	06-12-2017 to 12-12-2017	Inplant training for III years	V.Vignesh
11	08-12-2017 to 23-12-2017	Inplant training for III years	R.Selvakumar
12	08-01-2018	Symposium on Water Rocket Event organised by Rajalaskhmi Engineering College	The following students participated 1. A.Rakesh Kumar 2. N.Sai Kumar 3. T.Rajeswari 4. B.Dilli Priya
13	29-01-2018	Guest Lecture on Piping in oil & gas industries by Mr.Ashwin From SMEC Lab Automation Pvt Ltd	Attended by Final year & Third year students

14	31-01-2018	Qspider-On-campus Interview on	Attended by final year chemical engineering students
15	20.02.2018	Library Activities	Every month third week of Tuesday, III yr & II yr students of Chemical Engineering were referring journals, books, for one hour.
16	09-02-2018	Enoach Solution conducted off-campus interview at Tagore Engineering College	Attended by final year students of chemical engineering
17	21-02-2018	Frist Naukri.com conducted Online Test at SPCET	Attended by third year students of chemical engineering
18	22-02-2018	Placement Training Classes –every Monday for III yr Chemical Engineering Students conducted by Ripe	Placement activities conducted 1. Mock Interview 2. Group Discussion 3. Extempor 4. Technical Training-Fluid Mechanics
19	23-02-2018	Workshop on Drug Design organised by Anna University	The following students participated in the workshop 1. A.Rakesh Kumar 2. N.Sai Kumar 3. T.Rajeswari 4. B.Dilli Priya 5. S.Sharon Jemima Ranjitham
20	28.02.2018	Department Association activity	63 students of Chemical Engineering Department have received membership ID card from Indian Institute of Chemical Engineers
21	23.02.2018	Research activity	Student project scheme grand amount Rupees 10,000/. has been received from TNSCST
22	20.03.2018	Library Activity	Every month third week of Tuesday, III yr & II yr students of Chemical Engineering were referring journals, books, for one hour.
23	14.03.2018	Industrial Visit for III year	Industrial Visit to HatsunAgro Products. 48 students were present for the IV escorted by J.Sheeba
24	20.03.2018	Industrial Visit for II year	Industrial Visit to Aavin Dairy Unit. 21 students were present for the IV escorted by Mr.B.Arvind
25	23.03.2018	Guest Lecture on Status of Food Industry In India	Lecture delivered by Ms.Usha Antony Professor Department of Biotechnology,

			Anna University, Chennai. I,II,III&IV year students attended the lecture
26	24.04.2018	Library activities	Every month third week of Tuesday, III yr& II yr students of Chemical Engineering were referring journals, books, for one hour
27	25.04.2018	In- House Placement Training	Activities conducted 1. Mock Interview 2. Group Discussion 3. Extempor 4. Technical Training-Fluid Mechanics
28	April 2018	Placement Drive	Three students shortlisted for wasserkraft company, Chennai

Department of Computer Science and Engineering

S.NO	DATE	PLAN OF ACTION	ACHIEVEMENTS
1.	18-08-2017	Guest Lecture on Network securities	Lecture delivered by Harish Ramani Expert in Ethical hacking
2.	12-08-2017	Guest Lecture on Phyton& data sciences	Lecture delivered by Mary Therasa rani, Trainer for TI groups, HCL
3.	8.8.2017	Industrial visit for finalyear CSE A	IV to Global Techno solutions, K.K.Nagar, Chennai. 36 students participated and were escorted by S.Sivakumar&Grace Prasanna
4.	29.8.2017	Industrial visit fir III years	IV to Global Techno solutions 42 students were escorted byChitra.S&Sivakumar
5.	16-09-2017	Seminar on Career development	Career development program byDr.S.Anbu
6.	23-09-2017	Guest Lecture on Automation in power utilities	Lecture delivered by A.Thiagarajan Asst.ExecutiveEngg, TNEB
7.	20-10-2017	E-Yantra robotics initiative meeting at Anna University	Attended by Dr. S. ANBU, Professor/ CSE

Department of Electronics and Communication Engineering

S.No.	Date	Plan of action	Achievement
1.	12-08-2017	Placement Awareness Programme	IEEE and IEIE student branch organized “ placement Awareness” programme on by Mr.Rajkumar Trichrome Technologies.
2.	14-09-2017	Guest Lecture on Awareness Regarding defence services.	Lecture delivered by Mr.R. JayaMurugan,

			Senior Academic,Analyst, Defence Academy
3.	14-09-2017	Industrial visit for III year	Industrial visit to Technocrat Automation Pvt ltd attended by 60 students
4.	14-09-2017	Industrial visit for IV year	Industrial visit to Sansbound the Networking School, Kodambakkam attended by 45 students
5.	16-09-2017	Placement opportunities for SQL programmers	Mr. Lakshman Karthik, System Programmer, SQL-Analogies Tech India Ltd., Chennai.
6.	16-09-2017	Seminar on how to get placed in Core companies	Seminar by Mr. M. Barathkumar, System Engineer, Flextronics Ltd., Chennai
7.	22-09-2017	Invited Talk by alumni on “How to make use of the Institute for Better Tomorrow”	Ms. Rizwana Sultana, Software and Application tech support Analyst, Accenture Solutions Pvt. Ltd., Bangalore.
8.	23-09-2017	Automation in power Utilities	Mr. A. Thiagarajan AEE/TNEB
9.	26-09- 2017	Industrial visit for Ilyear	Industrial visit to CSIR CEERI, CSIO lab, Taramani attended by 15 students
10.	3-10-2017	Placement Training.	Placement training by SMART
11.	4-10-2017	Orientation on Placement	Talk delivered by Mr. UdaySankar Regional Lead / NASSCOM
12.	5-10-2017	Guest Lecture on “Be An Engineer No more Graduates”	Lecture delivered by Senior Business Analyst, Conduent Business Services LLP, Chennai
13.	6-10-2017	Placement Awareness Seminar	Seminar by Mr. BabuKannan , Chief System analyst,Maples Imaging Solutions Pvt. Ltd., (i-Data Sciences)Thoraipakkam, Chennai,
14.	06-10-2017/ 07-10-2017	IEEE Sponsored Workshop on “IOT Technologies”	Workshop was conducted by Dr.S.Radha, Prof., SSN College of Engineering, Mr. Raj Kumar Trischrome Technologies
15.	14-10-2017	Teacher Empowerment Program	Programme conducted by TCS Module I Presentation Skills
16.	21-10-2017	Teacher Empowerment Program	TCS Module I Presentation Skills
17.	20-11-2017&21-11-2017	ISO 9001-2015 Awareness Training Program was conducted- Mr.J.Vishvendhan ISO Consultant	Attended by Dr.R.Raniohemamalini& ECE Dept.,

18.	28-11-2017 & 29-11-2017	ISO 9001-2015 Internal Training program was conducted – Mr.J.Vishvendhan ISO Consultant	Attended by Dr.R.Raniohemamalini & ECE Dept.,
19.	6-12-2017	Workshop on “How to excel the research Paper”	Workshop organised by IIT Chennai, attended by Ms.R,Valarmathi Asst.prof Ms.Dr.V.Amudha /Prof
20.	19th and 20th Jan 2018	National Workshop on “ Internet of things for Industrial Applications	Velammal Engineering College
21.	24.01.2018	Guest lecture on “Deep learning Concepts and Application”	Lecture delivered by Somanth Reddy Deep learning Engineer Bill com Japan
22.	1-2-2018	Guest Lecture on the topic “I can win	Lecture delivered by Dr.Chandrika Finance Consultant Kotak Mahindra Bank. Chennai
23.	06-02-2018	National Level Technical Symposia Was conducted.	Inaugurated by Dr. Suresh Narayan Asst.Vice president in Reliance Jio.
24.	14.02.2018	Guest Lecture on “Basic of python programming “	Lecture delivered by Mr.T.P.Anish/A.P
25.	8.06.2018	One day workshop on “Audrino APP Development”	Workshop organised by Mr.E.Madhan Kumar & Mr.R.Santhosh Sahayaraj
26.	25.06.2018	One day hands on training on “Android APP Development”	Workshop organised by MS.T.Vanitha and K.Radha Krishnan
27.	28-06-2018	One day workshop on “Tricks with ICs”	Ms.R.Valarmathi & Tanaya Kanungo
28.	11-06-2018 & 13-06-2018	FDP on “Antenna Design and its applications using Lab View”	Seminar organised by Prathusha Engineering College attended by Mr.K.Radha Krishnan
29.	21-06-2018 to 23-06-2018	ICMR Seminar on “Cloud Based healthcare systems”	Seminar organised by RMK College of Engineering and Tech attended by Ms.T,Vanitha Asst.prof
30.	21-06-2018 to 23-06-2018	ICMR Seminar on “Cloud Based healthcare systems”	Seminar organised by RMK College of Engineering and Tech attended by Mr.K.Radha Krishnan

Department of Electrical and Electronics Engineering

S.NO	Date	Plan of action	Achievement
1.	2-08-2017	Industrial Visit for II EEE	Industrial Visit to 400/230/110KV Substation Pennalur, Sriperumbathur attended by 33 students escorted by Mrs.M.A.Lekshmi Devi Mr.Saravanan
2.	2-08-2017	Industrial Visit for III EEE	Industrial Visit to 400/230/110KV Substation Pennalur, Sriperumbathur
3.	3-08-2017	Industrial Visit for IV EEE	Industrial Visit to 400/230/110KV Substation Pennalur, Sriperumbathur attended by 44 students and escorted by Mrs.C.Subha Mr.K.Karthik
4.	9.8.2017	Seminar on Adopting ICT Solutions for Digital Growth and Transformation	Seminar organised by ICT Academy in Collaboration with Infocomm International
5.	11-8-2017	Workshop on Industrial Automation	86 Students attended and benefited
6.	14.9.2017 & 15.9.2017	Placement	Mock Interview conducted for IV year
7.	21.9.2017 & 22.9.2017	Placement	Mock Interview conducted for IV year
8.	23.9.2017	Guest Lecture on Career Motivation	Lecture by Mr.Tamilathithyan Senior System Analyst CTS (Alumni 2014 Batch) 86 Students attended and benefited
9.	25.9.2017	Guest Lecture on Expectation in Industries	Lecture by Mr.N.S.Santhosh 86 Students attended and benefited
10.	03.10.17 to 06.10.17	Placement Activities:	<ol style="list-style-type: none"> Smart class training program conducted by Mr.M.Samuel, trainee in Verbal Ability Smart class Training program conducted by Ms.Suwetha in Prematuation and Combination Smart class Training Program conducted By Mr.Prince
11.	14.10.2017 & 21.10.2017	Teachers Empowerment Programme by TCS	All the Staff Members attended the programme and benefited
12.	October 2017	Student Insight and Conversation Programme for first year students	Organized by Dr.Jasper Gnanachandran in coordination with TCS Corporate for all branches of First year students
13.	18.12.2017 to 22.12.2017	Inplant Training for III yr students	Inplant training at 230 KV Thiruverkadu HGIS SS

			2. Kishore Kumar 3. S.Vaishnavi 4.J.Avinash
14.	18.12.2017 to 22.12.2017	Inplant Training for III yr students	Inplant training at 230 Kilpauk Substation Attended by 1.B.Dinesh 2.M.Mudhassir Ahmed 3. R.Pavithra 4. Devi Padmashree
15.	24.1.2018	Guest Lecture on Automation	Lecture delivered by Mr.Vigneshwaran and Mr.Vikranth, Technical engineer/SMECH Automation 57 students attended
16.	31.1.2018	Symposium ELECTRO AMAZE 2k18	80 participants from various polytechnic colleges and 18 students from various Engineering Colleges attended the symposium
17.	5.2.2018 & 12.2.18,	RIPE Program for III year students was conducted	1. Training in Communication Skills by Mr.Siva 2. Training in Stress management by Mr.Rajagopalan
18.	8.2.2018	In house training for final year students was conducted	Group Discussion By EEE students in In-house Training on 8.2.2015
19.	14.2.2018	Guest Lecture on Embedded systems	Lecture by Mr.Rajeshwaran/Prolific Systems and Technologies 40 students attended the Program and benefited
20.	15.2.18	In house training for final year students was conducted	Technical Quiz by EEE students in In-house Training
21.	22.2.18	In house training for final year students was conducted	Activity Presentation for III EEE
22.	19.2.18 & 26.2.18	Ripe Placement training programme	1. Training in Communication skills by Mr Kaushik 2. Training in Problem solving and Decision Making by Mr Krishnan
23.	5.03.18, 12.3.18,	RIPE Program for III year students was conducted on	Training in overcoming Fear by Mr Siva
24.	19.3.2018	RIPE Program for III year students was conducted on	Training in Resume Preparation by Mrs.Bharathi
25.	MARCH 2018	Placement Activities	: Eligible students of IV year EEE attended the on campus interview conducted by ZOHO, Mass might, Tidell Innovation PVT Ltd, OLC
26.	APRIL 2018	Placement Activity	Sugavani of IV year EEE was selected in

			the interview conducted by the companies GODREJ and LITASKI Electricals
27.	11.6.18 to 16.6.18	Inplant training for III years at 230KV Koyambedu GIS SS	Attended by 1.D.A.Rajkumar 2.S.Nattaraj 3.N.Akash 4.C.Ajith
28.	11.6.18 to 16.6.18	Inplant training for III years at 230 KV Thiruverkadu HGIS SS	Attended by 1.S.Padmaja 2.R.Pavithra 3.P.Premakumari 4.M.Varsha 5.C.Yamini
29.	18.6.18 to 22.6.18	Inplant training for III years at VI Microsystem PVT.LTD	Attended by 1.B.Kishore Kumar 2.A.Arshath 3.J.Avinash 4.B.Dinesh 5.M.Mudhassir Ahmed 6. S.Vaishnavi 7.R.Pavithra 8.S.Devipadmashree

Department of Information Technology

S.NO	DATE	PLAN OF ACTION	ACHIEVEMENT
1	02.08.2017	Industrial visit for III year	Industrial visit to Sansbound Networking Solutions, 17 students attended the IV and were escorted by Ms. Mini Prince Mr. K. V. Praveen
2	03.08.2017	Industrial visit for II year	Industrial visit to UNIQ Technologies, 14 students attended the IV and were escorted by Ms. MehaboobSubahani Mr. K. Cornelius
3	03.08.2017	Workshop on “ANDROID App Development”	Workshop organised by UNIQ Technologies, attended by Mrs.MehaboobSubahani, AP&Mr.K. Cornelius, AP
4	17.08.2017 & 18.08.3017	Hands on workshop on Python Programming	Workshop organised by Anna University, attended by Mrs.MehaboobSubahani, AP Mr.K. V. Praveen, AP
5	18.08.2017	Industrial Visit for IV years	Industrial visit to Global Techno Solutions, 20 students attended and were escorted by Ms. Tharani

			Vimal Ms. S. Rajeswari
6	16.09.2017	Placement Awareness Programme	A talk by Mr. S. Prabhu, Global Practice Head – HR and IT Solutions, Tech Mahindra, Chennai.
7	22.09.2017	Guest Lecture on Business Intelligence and Analytics	Lecture delivered by Dr. Mary Prem, Senior Manager, HDFC Bank (Business Intelligence Unit) and CEO, KarkaKasadara Academy, Chennai.
8	06.10.2017 & 07.10.2017	Workshop on “Internet of Things” technology	Workshop organised by IEEE student Branch STB17131 of SPCET, and attended by the following staffs Dr. B. Shanthini, Prof. & Head Mrs. Mini Prince, AP Mrs.MehaboobSubahani, AP Mr. K. V. Praveen, AP
9	14.10.2017 & 21.10.2017	Teacher Empowerment Programme on Presentation Skills.	Organised by TCS, attended by All Faculties
10	03.10.2017	Presentation Contest on Technical Topics	Presentation Contest on Technical Topics for II year IT students.
11	20.11.2017 & 21.11.2017	ISO Awareness Programme	Programme organised by SPCET, all the faculties attended the programme
12	28.11.2017 & 29.11.2017	ISO Auditor Training Programme	All the faculties attended this programme organised by SPCET
13	08.02.2018	Symposium-Technogen’18	Ms. Mini Prince, AP
14	13.02.2018	Workshop on Big Data Analytics using Hadoop.	Mr. K. V. Praveen, AP
15	27.02.2018 & 28.02.2018	Computer and Vocational Training Programme for Women	A talk delivered by Ms. Kavya, Porur, Chennai
16	23.03.2018	Second National Conference on Information and Intelligent Technologies	Attended by Dr. B. Shanthini Dr. Tharani Vimal
17	May 2018	International Conference on Innovations and Discoveries in Science, Engineering and Technology, Chennai	Dr. B. Shanthini presented a paper on Analysis and Measurement of the HEVC Encoder Complexity for Performance Optimization
18	25-05-2018& 26-05-2018	4th International Conference on Information Management, Oxford University, Oxford, UK	Dr. B. Shanthini presented a paper on Design and Implementation of equipment for Air Quality Information Management System

Department of Mechanical Engineering

S.NO	Date	Plan of Action	Achievements
1.	20-08-2017	Participation of Department in Institutional Social Responsibility (ISR) & Extension Activities	Dr. K. Purushothaman, served as one of the Board member of Selection Committee for the selection of research fellows at Combat Vehicle Research and Development Establishment (CVRDE), Ministry of Defense, Govt. of India, Avadi, Chennai-54.
2.	August 2017	SAE ACTIVITIES	SAE Collegiate team got selected with 143rd rank among 413 teams for BAJA 2018 by clearing Virtual BAJA 2017 which was conducted at CHITKARA UNIVERSITY, Rajpura Campus, Patiala, Punjab on 10th & 11th July 2015
3.	25-08-2017 to 27-08-2017,	Sports activities: National Level: Hockey, Natinal Rural Games 2017, conducted at Adhiyamaan College of Engineering conducted	Winners :Ist Place Final years 1. Mr.V.Jerry Vino Singh, 2. Mr. C.Arries, 3. Mr.V.Ganeshbabu, 4. Mr.V.Naveen Kumar, 5. Mr.Kapildassand Third year 1. Mr.C.Kamal
4.	17-08-2017 to 23-08-2017	Zonal Level Cricket conducted by GojanEngg College	The following students won the fourth place IV years 1. Mr.S.Theeran, 2. Mr.K.Pravin, 3. Mr.R.Prithiv Raj, 4. Mr.A.Naresh Kumar, 5. Mr.I.Kishorekumar, 6. Mr.M.Yoganandh II year 1. Mr.M.Subash
5.	03-08-2017	Zonal level Chess at Jaya Engg College	The following students participated 1. Mr. Prabhu Deo ojha, 2. Mr.Keerthivasan, 3. Mr.Bharat raj 4. Mr.Kannan
6.	31-08-2017	Zonal Level Badminton at Velammal Engineering College	The following students participated IV Mech 1. Mr.Ram Kumar, 2. Mr.B.Kannan and III Mech 1. Mr.Ramkumar

7.	12-10-2017 & 12-10-2017	Two Day National Seminar on "Environmental Friendly Material Processes for Surface Engineering	Seminar conducted by Panimalar Engineering College, Chennai. Participated by Mr.D.Sathiyamoorthy Mr.R.Nishanth
8.	OCTOBER 2017	Research activities Project Proposal for Rs.11,13,000/- submitted to ARMAMENT RESEARCH BOARD (DRDO)	Title of Research / Project Proposal: Machinability Analysis of the Influence of Natural and Synthetic Fibre Reinforcements. Name of the Principal Investigator: Dr.N.RAJESWARI, Professor Co-Investigator: Dr.K.Purushothaman
9.	29-12-2017 & 30-12-2017	Faculty Development Programme on Engineering Mechanics	Programme Organised by Saveetha Engineering College. Mr. M. Kamal participated
10.	11.12.17 & 15.12.17	Inplant Training for III years at Bharat Heavy Electricals Limited	The following students attended the Training 1. Arun Kumar. R 2. Jaya Surya. R 3. Navin Kumar. T 4. Santhosh. V 5. Thulasi doss. V
11.	11.12.17 & 15.12.17	Inplant training at Delphi-TVS	Attended by Mohamed Niyas
12.	4.12.17 & 16.12.17	Inplant training at Carriage & Wagon Works	Attended by Gokulakrishnan. A AmrishValan. T Suriya. G Jai Sankar. G
13.	09.12.17 & 16.12.17	Inplant training at Tamil Nadu State Transport Corporation, Villupuram	Attended by 1. Mohan Raj. M 2. P. Muthu Kumaran 3. R. Prabakaran 4. A.Ananthaganapathy
14.	06.12.17 & 15.12.17	Inplant training at Hindhuja Foundries, Ennore	Attended by R. Manish Kumar
15.	18.11.2017	12 th annual general meeting organised by SAE India	Dr. K. Purushothaman, Mr. A.P. Arun Pravin and Mr. M. Kamal, SAE Advisors, attended the 12th Annual General Meeting.
16.	20.11.2017 & 21.11.2017	Awareness Training Programme on ISO 9001:2015	Programme organised by Integrated Assessment Services. All Faculties of Mech Department attended the programme.
17.	27.11.17 & 1.12.17	Inplant training at Short Term CAD using	Attended by Ragunathan. D

		CATIA course in AU-FRG Institute for CAD/CAM	
18.	28.11.2017 & 29.11.2017	ISO Internal Auditor Training Program	Training programme organised by Integrated Assessment Services. All Faculties of Mech Department attended the programme
19.	13.12.17&15.12.17	Inplant training at Ashok Leyland	Attended by 1. P. Praveen kumar 2. V. Pavithran 3. E. Praveen Kumar
20.	4.12.17& 9.12.17	Inplant training at TIDC India	Attended by S. Joshua
21.	06.12.17&09.12.17	Inplant training for II years at Taneja Aerospace and Aviation Limited	Pradeep Kumar. R undergone training
22.	07-12-2017	SAE activities	Dr. K. Purushothaman, Mr. A.P. Arun Pravin and Mr. M. Kamal, SAE Advisors, attended the SAE International President Meet and T.R. Sathyanarayanan Memorial Lecture
23.	23-12-2017	SAE Tier II Events were conducted in TJS Engineering College	Our SAE student members participated in various events and won prizes
24.	25.01.2018 to 30.01.2018	Poster presentation in International Machine Tools Exhibition 2018 (IMTEX 2018), Bangalore	Dr. G. Gopalarama Subramaniyan presented a paper on Experimental Analysis of Abrasive Water Jet Machining – Drilling Parameters Dr. A. Shadrach Jeyasekaran presented a paper on Experimental and Numerical analysis of Natural Fibre Polymer composite for drilling Mr. A. P. Arun Pravin Mr. S. Jebamani presented a paper on Experimental Analysis of Aluminium Alloy LM25 with Carbon in Composite Material Mr. S. Abilash Mr. D. Sathiyamoorthy presented a paper on Design and Optimization of Split Pin Crank Shaft
25.	04.01.2018	CADD Awareness Programme	Awareness talk by Ms. Bharathi, CADD Centre
26.	Jan 2018	Reviewer activity: International Journal of Environmental Science	Dr.K.Purushothoman reviewed the paper on the Role of fuel additives on reduction of NOX emission from

		and Pollution Research	a diesel engine powered by camphor oil biofuel
27.	07-02-2018	Symposium :IGNIS 2K18	Inaugurated by Chief Guest, Shri. V.S.Ravichandran, CEO, Surface tech Engineering Pvt. Ltd., Chennai The various events conducted are 1) Paper Presentation 2) RC Car 3) Machinist 4) Truss Master 5) Aqua Rocket 6) Technical Connections 7) Design Contest
28.	02.02.2018	Guest Lecture on Advancement in Automotive Safety	Lecture delivered by Mr. Govarthan Technical Head, I3 Technologies Pvt Ltd. Chennai
29.	06.02.2018	Guest Lecture for Final years	Lecture given by Foreign delegates
30.	07.02.2018	Guest Lecture on Demand on Creative thinkers in Engineering Field	Lecture by Chief Guest: Shri. V.S.Ravichandran, CEO, Surface tech Engineering Pvt. Ltd., Chennai
31.	26.02.2018	Career Opportunities in Automobile Industries	Talk delivered by Mr. Kumaresan
32.	24.02.2018& 25.02.2018	SAE activities	III year mechanical Manish Kumar attended the Student Executive Council workshop at SAEINDIA Southern Section, Guindy ,Chennai 600032
33.	24.03.2018	Guest Lecture on “Creativity and Problem solving” FDP on Entrepreneur development, TBI - SPIHER	Organised by FDP on Entrepreneur development, TBI – SPIHER. Attended by Dr. K. Purushothaman
34.	22.03.2018	Session chair in National Conference on Mechanical Sciences	Organised by Dept of Mech Engineering SPIHER. Attended by Dr. K. Purushothaman
35.	22.03.2018	National Conference on Mechanical Sciences organized by Dept of Mech Engineering SPIHER.	1. Dr. K. Purushothaman presented a paper on “Performance evaluation of Thermal Storage System” 2. G. Ramya Devi presented a paper on Characterization of Activated charcoal from Coconut shell 3. S. Abilash presented a paper on Design and Analysis of Split pin Crank Shaft
36.	08-03-2018 to	SAE activities	25 students of Mechanical

	13-03-2018		Engineering participated in the BAJA 2018 organised by SAE INDIA at IIT ROPAR, PUNJAB during 8th -13th MARCH 2018. The ALL TERRAIN vehicle made by our students will be present for the National level competition of BAJA 2018
37.	30th – 31st March 2018.	The students of Mechanical Engineering participated and won prizes in SAE STUDENT CONVENTION (TIER-3) Conducted by the SOCIETY OF AUTOMOTIVE ENGINEERING (SAEISS) in MLR INSTITUTE OF TECHNOLOGY, HYDERABAD, and TELANGANA	<ol style="list-style-type: none"> 1. B. Mohamed Ashik, III year Mech won First prize in Reverse Engineering in SAE STUDENT CONVENTION (TIER-3) 2. Mohan Kumar. D, Karthikeyan. A, Ragnathan. D, III Year Mech won Third Place in Manufacturing Tech Challenge in SAE STUDENT CONVENTION (TIER-3)
38.	27.06.18 to 28.06.18	FDP on Introduction To Autodesk Autocadorganised by ICT Academy at Panimalar Institute of Technology	Attended by A. P. Arun Pravin
39.	21.06.2018 to 23.06.2018	SAE activity	E. Praveen, Sathya Narayanan. N, N. Prakash and Leon Immanuel . R acted as a Volunteer in SAEISS Tractor Design Competition – 2018 organized by SRM Institute of Science and Technology, Chennai
40.	29.06.2018	FDP on Engineering Graphics through Blended Learning Approach organised by SPIHER- TBI	Attended by S. Jebamani M. V. Manivannan D. Sathymoorthy A. P. Arun Pravin M. Avadiammal R. Nishanth S. Rangarajan M. Kamal
41.	June 2018	Placement details	Ajith Kumar, Gopalakrishnan, HariKrishnan of 2018 passed batch placed in Minami Metals Pvt Ltd

National Service Scheme

S.No	Date	PLAN OF ACTION	ACHIEVEMENT
1.	29.08.2017	QUIT INDIA MOVEMENT	NSS Unit-SPCET organized “Quit India movement” on 29/08/2017. Dr.S.Selvan, Principal presided over the programme. Dr.S.Gunasekaran, Dean(R&D),SPU, delivered special address.
2.	15.09.2017	ENGINEERS DAY	NSS Unit-SPCET organized “ENGINEERS DAY” on 15/9/2017 . Dr.S.Selvan, Principal presided over the programme. Dr.G.S.Kandasami, Rtd Professor&HOD Prod.Tech ,MIT, Anna University,delivered Chief Guest address.
3.	06.10.2017	SWACHH BHARATH ABIYAN	NSS Unit –SPCET – Around 50 NSS Volunteers Participated in “SWACHH BHARATH ABIYAN” – Awareness created to Public” on 06.10.2017 at Ambathur, Chennai.
4.	19.03.2018 to 25.03.2018	NSS 7 DAYS SPECIAL CAMP	NSS Unit-SPCET organized NSS 7 Days special Camp from 19.03.2018 to 25.03.2018 at Municipality High School, Annanur,Chennai. NSS Volunteers gained knowledge through community service.

Youth Red Cross

S.No	Date	PLAN OF ACTION	ACHIEVEMENT
1.	23..07.2017	AWARENESS ON VOTING	YRC Unit-SPCET & Avadi Election Commission jointly Organized Awareness on Voting Program on 23.07.2017. Nearly 120 students were benefited and gained Awareness.
2.	19.08.2017	INDEPENDENCE DAY CELEBRATION	YRC Unit-SPCET organized Independence Celebration on 19/08/2017. Many Competitions were conducted. YRC Volunteers gained knowledge about Independence and Its Importance.
3.	30.01.2018 to 03.02.2018	GENEVA CONVENTIONS COMPETITIONS	Indian Red Cross Society Organised 68 th Anniversary of Geneva Conventions Competitions from 30.01.2018 to 3.02.2018.Our College YRC students participated in various events & won Prizes

4.	01.02.2018	ORATORICAL COMPETITION (ENGLISH)	Indian Red Cross Society Organised Oratorical competition in English. H.Haripreetha of 1 st year CSE department Won 2 nd prize.
5.	02.02.2018	VISUALIZING&PAINTING COMPETITION	Indian Red Cross Society Organised Visualizing & Painting competition on Swachh Bharat D.Jayalakshmi of 1 st year Biotech department Won 1 st prize.
6.	03.02.2018	CULTURALS /VARIETY PROGRAMME	Indian Red Cross Society Organised Cultural Programme on Women Empowerment. Our College YRC Team Won 2 nd Prize.

Placement Training

S.NO	DATE	PLAN OF ACTION	ACHIEVEMENT
1.	10.07.2017	Placement conducted by DRILL JIG BUSHING MADRA PVT LTD	8 students were placed from CSE- 1,MECH – 7
2.	08.09.2017	Placement conducted by SURYA INFORMATICS	1student was placed from MBA
3.	09.10.2017	Placement conducted by SURYA INFORMATICS	1student was placed from IT
4.	18.09.2017	Placement conducted by SYSTECH	1student was placed from CSE
5.	28.10.2017	Placement conducted by KARVY STOCK BROKING LTD	2students were placed from MBA
6.	29.12.2017	Placement conducted by KANTAR	2students were placed from MBA
7.	30.01.2018	Placement conducted by OPPO MOBILES TN PVT LTD	3students were placed from MBA
8.	31.01.2018	Placement conducted by QSPIDERS	13students were placed from (CSE-5,ECE-7, IT-1)
9.	23.01.2018	Placement conducted by COVENANT CONSULTANTS	1student was placed from MBA
10.	20.02.2018	Placement conducted by ODYSSEY TECHNOLOGIES	1student was placed from CSE
11.	19.03.2018	Placement conducted by SUTHERLAND	72students were placed from (CHEM-4, CIVIL-5,CSE-25,ECE-20, EEE-5, IT-3, MECH-10)
12.	20.03.2018	Placement conducted by SVS INFOTECH	13students were placed from (CSE-3,ECE-5, EEE-1, IT-3)

13.	20.03.2018	Placement conducted by DOMEX E-DATA PVT LTD	4students were placed from BIO TECH
14.	16.04.2018	Placement conducted by LITASKI ELECTRICALS	3students were placed from EEE
15.	19.04.2018	Placement conducted by GOODRICH GASKETS	1student was placed from EEE
16.	08.05.2018	Placement conducted by AXIS BANK	1student was placed from EEE
17.	11.05.2018	Placement conducted by MINAMI METALS PVT LTD	5students were placed from MECH
18.	20.06.208	Placement conducted by RANDSTAND INDIA	1student was placed from CIVIL
19.	03.07.2018	Placement conducted by EC	ENGINEERING 2students were placed from MECH
20.	13.07.2018	Placement conducted by FIRST BENCH	1students was placed from MECH

Entrepreneurship Development Cell

S.No.	Date & Month	Event	Achievements
1	03.08.2017	One Day workshop on Entrepreneurship Orientation Programme through National Small Industries Corporation Ltd. Guindy Industrial Estate, Ekkaduthangal, Chennai.	Motivating our students to become an Entrepreneur
2	4th - 8th Dec 2017	Advanced Integrated Entrepreneurship Development Programme conducted by NSIC Technical Services Centre-Guindy	
3	14.03.2018	Entrepreneurship Development cell Programme competitions on E-DAY'18	
4	11.07.2018	One day conference on "Startup Policy and Skill Development for Employment – An initiative by State Universities" held at Anna University	

Higher Studies Cell

S.NO	DATE	PLAN OF ACTION	ACHIEVEMENT
1.	17.08.2017	Need for GRE, TOEFL & IELTS examinations	Participants: Registered students from Aeronautical, Chemical, Bio-Technology and Mechanical Engineering
2.	18.08.2017	Need for GATE, CAT examinations	Participants: Registered students from ECE, CSE, EEE, IT & Civil Engineering

3.	20.09.2017	Need for the requirements of foreign language in higher education	Participants: Interested students from engineering departments
4.	13.02.2018	Awareness on Higher Education	Participants: Third Year students from ECE & CSE
5.	14.02.2018	Awareness on Higher Education	Participants: Third Year students from IT & Civil Engineering
6.	15.02.2018	Awareness on Higher Education	Participants: Third Year students from Mechanical Engineering
7.	16.02.2018	Awareness on Higher Education	Participants: Third Year students from Bio-Technology, Chemical, EEE & Aeronautical Engineering
8.	11.09.2018	Awareness programme on Competitive exams such as GRE, TOEFL, etc.,	Participants: Third and final year students of all Engineering Departments