Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**SRI VENKATESWARA COLLEGE OF ENGINEERING**
Name of the head of the Institution	**GANESH VAIDYANATHAN S**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**044-27152222**
Mobile no.	**9445694664**
Registered Email	**principal@svce.ac.in**
Alternate Email	**gvaidyas@svce.ac.in**
Address	**Pennalur,Sriperumbudur**
City/Town	**KANCHEEPURAM DISTRICT**
State/UT	**Tamil Nadu**
Pincode	**602117**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr.S.Gopinath**
Phone no/Alternate Phone no.	**04427152408**
Mobile no.	**9445115107**
Registered Email	**sgopi@svce.ac.in**
Alternate Email	**gopi_67@yahoo.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://svce.ac.in/IQAC/docs/r-aqar/2017-18.pdf

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.svce.ac.in/resources/faculty.php

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B**	**2.93**	**2008**	**21-Feb-2008**	**20-Feb-2014**
2	**B**	**2.93**	**2014**	**21-Feb-2014**	**20-Feb-2019**
2	**B**	**2.93**	**2019**	**21-Feb-2019**	**31-Dec-2021**

6. Date of Establishment of IQAC	**27-Aug-2010**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries

Seminar on NAAC Criteria and AAA	28-Aug-2018 90	15
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Electronics & Communication Engineering	ISRO Respond	ISRO	2017 2	1332000
Electronics & Communication Engineering	ISRO Respond	ISRO	2017 2	910000
Electronics & Communication Engineering	ISRO Respond	ISRO	2018 2	2094000
Biotechnology	PDF scheme	DST-SERB	2017 2	1920000
Bio Technology	Foldscope	DBT Newdelhi	2018 1	800000
Computer Science Engineering	SERB	DST	2016 3	2097000
Computer Science Engineering	MODROB	AICTE	2018 3	973000
Mechanical Engineering	MODROB	AICTE	2018 2	700000
Mechanical Engineering	RPS	AICTE	2018 3	1794118
Electrical and Electronics Engineering	MODROB	AICTE	2018 2	827000
Chemical Engineering	USIEF	Hopkins University, USA	2018 1	1000000
Sri Venkateswara College of Engineering	Fund for Improvement of ST Infrastructure (FIST)	Department of Science & Technology	2018 5	8000000
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	[View File](#)

10. Number of IQAC meetings held during the year :	9
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

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

1. Conducted an Academic and Administrative Audit (Internal) 2. Preparedness for Academic and Administrative Audit (External) 3. Preparedness for Environmental Audit

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

Plan of Action	Achivements/Outcomes
New webpage development for NAAC and IQAC	Hosted in the college website
Internal Academic and Administrative Audit(AAA)	Organised Internal AAA
External Academic and Administrative Audit(AAA)	Planning to organise an External AAA in the month of January
Environmental Audit(EA)	Planning to organise EA with help of Industry in the month of January
Planned IQAC meetings and Annual meeting	Organised IQAC coordinators(dept) meeting and Annual Meeting
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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Staff Council Meeting	23-Oct-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No

16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	09-Jan-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	Institution has dedicated Campus Management System involving expert technical staff members to implement ERP software in our campus for carrying out the below mentioned tasks. Developing, Modifying and Maintaining databases for various operations in the College Installation and Maintenance of new hardware and software for systems,servers,routers,hubs,priters etc., Ensuring security of systems including backup systems to operate effectively. Web portal development content maintaining email server maintenance

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

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

Before the beginning of the semester, the courses are assigned to competent faculty members well in advance for necessary preparations. The course is being assigned to faculty members based on their expertise and preference. It is ensured that the basic core conceptual courses are assigned to experienced faculty members to provide strong fundamentals to the students. The timetable is prepared well before the start of the semester by the time table coordinator and displayed on the college website and respective department webpage. All faculty members are involved in the preparation of lesson plan for their respective courses which identifies the topics to be discussed in every lecture class, mode of course delivery, text/reference books to be followed, etc., and the lecture notes are approved by the Head of the Department before the beginning of the semester. The course delivery plan along with the syllabus is shared with the students during the first lecture of the semester, also uploaded on the respective department webpage. All faculty members maintain an Attendance and Assessment Record (AAR) which records the attendance, the topics covered on a particular day, the results of assessment tests and end semester examination for each and every course assigned to them in a course file and the Campus Management System as well. The Attendance and Assessment Record (AAR) is regularly monitored by the head of the department for adherence to the course delivery plan and the effectiveness of the teaching-learning process is also assessed by the results of the cumulative assessment tests. The timetable,

examinations are planned as per the academic calendar. However, in the case of unanticipated circumstances, the curriculum is completed by compensating the lecture and laboratory sessions on weekends or on weekdays beyond college hours. The end semester examination for theory and laboratory courses is held in the college as per the directions of Controller of Examinations, SVCE. The faculty members are involved in conducting the end semester theory and practical examinations and evaluating the answer scripts.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Creo 3.0 – Software training program for Mechanical Engineering Students		01/04/2018	75	Focus on Emp loyability in the field of Computer Aided Design	Software Creo 3.0
Lean Six SIgmaGreen Belt Qualifying Course		19/08/2018	30	Focus on Emp loyability in the field of Quality Engineering	Reduction of rejections and wastage.

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

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

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Civil Engineering	20/09/2018
ME	Communication Systems	06/09/2018
ME	Applied Electronics	06/09/2018
ME	Computer Science and Engineering	06/09/2018
ME	Power Electronics and Drives	06/09/2018
Mtech	Biotechnology	06/09/2018
ME	Computer Science and Engineering (NETWORKS)	06/09/2018
ME	Computer Aided Design	06/09/2018
ME	Internal Combustion Engineering	06/09/2018
ME	Mechatronics	06/09/2018
Mtech	Chemical Engineering	06/09/2018

BE	Automobile Engineering	20/09/2018
BE	Computer Science and Engineering	20/09/2018
BE	Marine Engineering	20/09/2018
BE	Mechanical Engineering	20/09/2018
BE	Electronics and Communication Engineering	20/09/2018
BE	Electrical and Electronics Engineering	20/09/2018
BTech	Information Technology	20/09/2018
BTech	Chemical Engineering	20/09/2018
BTech	Biotechnology	20/09/2018

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

	Certificate	Diploma Course
Number of Students	26	0

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Automotive Embeded system with IoT and cloud computing	17/06/2019	22
Five Days Value Added Course on "Hardware Modeling using Verilog"	10/02/2019	30
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Automobile Engineering	19
BE	Mechanical Engineering	55
BE	Electronics and Communication Engineering	157
BE	Electrical and Electronics Engineering	32
BTech	Chemical Engineering	115
BTech	Biotechnology	81
BE	Civil Engineering	42
BE	Computer Science and Engineering	110
BTech	Information Technology	59
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.	
Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained

The college has a well structured feedback system for receiving feedback from the stakeholders to design and review the syllabus of all the programs. The feedback collected from the stakeholders was analyzed and action has been taken appropriately wherever possible. Moreover, the college conducts the Annual Alumni Meeting, in which suggestions and feedback are received from Alumni. Alumni surveys are conducted during alumni interaction at the alumni association meeting held every year. Feedback from industry experts, Research and Development establishments and professionals is obtained through the conduct of regular meetings organized by the IndustryInstitute Interaction cell of our college. Whenever any alumni, parents, and experts from academic institutions and industry visit the college, feedback is taken. The collected feedback data is presented to the Board of Studies (BoS) Meeting for necessary implementation in the curriculum and stakeholders like Alumni, Employers, and Teachers are actively involved in the Board of Studies for designing the curriculum and syllabi. Thus, the feedback given by the stakeholders was analyzed and suitable action was taken to satisfy the expectations of students, parents, alumni, faculty, and employers. This further helped us to improve our curriculum as per the expectations of the stakeholders.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
ME	Computer Aided Design	18	0	0
ME	Computer Science and Engineering	25	0	5
ME	Computer Science and Engineering with Specialization in Networks	18	0	0
ME	Internal Combustion Engineering	18	0	2
ME	Mechatronics	18	0	4
ME	Power Electronics and	25	0	2

	Drives			
BE	Automobile Engineering	60	0	49
BTech	Bio Technology	60	0	59
BE	Civil Engineering	60	0	43
BTech	CHEMICAL ENGINEERING	120	0	83
BE	COMPUTER SCIENCE AND ENGINEERING	180	0	187
BE	ELECTRONICS AND COMMUNICATION ENGINEERING	180	0	155
BE	ELECTRICAL AND ELECTRONICS ENGINEERING	120	0	81
BTech	INFORMATION TECHNOLOGY	120	0	110
BE	MECHANICAL ENGINEERING	120	0	103
BE	MARINE ENGINEERING	30	0	17
Mtech	BIOTECHNOLOGY	18	0	18
Mtech	CHEMICAL ENGINEERING	18	0	5
ME	COMMUNICATION SYSTEMS	25	0	10
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	3812	46	254	34	34

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Toolsand resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
288	285	3	80	4	5

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

SVCE has a formal mentoring system to cater to the needs of all the students. A faculty member acts as a Faculty Advisor and is incharge of counseling 2024 students for the entire programme. Three class meetings represented by the class representatives, Head of the department, Faculty advisors, and subject handling Faculty members, are organized in a semester to discuss all the academic issues such as syllabus,teaching learning process, and other amenities related issues, etc. Any difficulties encountered in the teaching learning process are discussed and corrective measures are implemented. SVCE also implements peer mentoring system, wherein the needy students are partnered with a advanced learner and/or a mentor to enhance the learning abilities of all the students. Certificates are being issued to the mentors of the peer mentoring process.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3858	248	1:16

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
5	5	0	2	91

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr.M.Anandan	Associate Professor	Outstanding Performer Award from Deputy DG NCC, TN,P,AN, Chennai
2018	Dr. P. Jothilakshmi	Professor	Best women teacher award Combined society for Educational Research and Development
2018	Dr.S.G.Bharathidasan	Associate Professor	INAE Award for the best U.G Project Appreciation certificate received for mentoring student's project in the IEEE Project Expo 2019
2019	Dr.C.Gopinath	Associate Professor	INAE Award for the best U.G Project Appreciation certificate received for mentoring student's project in the IEEE Project Expo 2019
2018	Dr. Nalinkanth V. Ghone	Professor	Early Career Research award (DST SERB)

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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	102 (B.E Automobile Engineering)	2/ I YEAR	03/06/2019	04/07/2019
BE	102 (B.E Automobile Engineering)	4 / II YEAR	27/05/2019	04/07/2019
BE	102 (B.E Automobile Engineering)	6/ III YEAR	25/05/2019	04/07/2019
BE	102 (B.E Automobile Engineering)	8/ IV YEAR	29/04/2019	24/06/2019
BE	104 (B.E Computer Science and Engineering)	2/ I YEAR	03/06/2019	04/07/2019
BE	104 (B.E Computer Science and Engineering)	4 / II YEAR	27/05/2019	04/07/2019
BE	104 (B.E Computer Science and Engineering)	6/ III YEAR	25/05/2019	04/07/2019
BE	104 (B.E Computer Science and Engineering)	8/ IV YEAR	29/04/2019	24/06/2019
BE	113 (B.E Marine Engineering)	8/ IV YEAR	08/04/2019	22/05/2019
BE	114 (B.E Mechanical Engineering)	2/ I YEAR	03/06/2019	04/07/2019
BE	114 (B.E Mechanical Engineering)	4 / II YEAR	27/05/2019	04/07/2019
BE	114 (B.E Mechanical Engineering)	6/ III YEAR	25/05/2019	04/07/2019
BE	114 (B.E Mechanical Engineering)	8/ IV YEAR	29/04/2019	04/07/2019

BE	106 (B.E Electronics and Communication Engieering)	2/ I YEAR	31/05/2019	04/07/2019
BE	106 (B.E Electronics and Communication Engieering)	4 / II YEAR	15/05/2019	04/07/2019
BE	106 (B.E Electronics and Communication Engieering)	6/ III YEAR	27/05/2019	04/07/2019
BE	106 (B.E Electronics and Communication Engieering)	8/ IV YEAR	29/04/2019	24/06/2019
ME	405 (M.E Comput er.Science and Engineering)	2/ I YEAR	29/05/2019	04/07/2019
ME	405 (M.E Comput er.Science and Engineering)	4 / II YEAR	13/05/2019	04/07/2019
BE	105 (B.E Electrical and Electronics Engieering)	2/ I YEAR	01/06/2019	04/07/2019
BE	105 (B.E Electrical and Electronics Engieering)	4 / II YEAR	24/05/2019	04/07/2019
BE	105 (B.E Electrical and Electronics Engieering)	6/ III YEAR	27/05/2019	04/07/2019
BE	105 (B.E Electrical and Electronics Engieering)	8/ IV YEAR	29/04/2019	04/07/2019
BTech	205(B.TECH Information Technology)	2/ I YEAR	31/05/2019	04/07/2019
BTech	205(B.TECH Information Technology)	4 / II YEAR	15/05/2019	04/07/2019
BTech	205(B.TECH Information Technology)	6/ III YEAR	27/05/2019	04/07/2019
BTech	205(B.TECH Information Technology)	8/ IV YEAR	29/04/2019	04/07/2019
BTech	301(B.Tech CHEMICAL	2/ I YEAR	31/05/2019	04/07/2019

			ENGINEERING)		
BTech	301(B.Tech CHEMICAL ENGINEERING)	4 / II YEAR	15/05/2019	04/07/2019
BTech	301(B.Tech CHEMICAL ENGINEERING)	6/ III YEAR	27/05/2019	04/07/2019
BTech	301(B.Tech CHEMICAL ENGINEERING)	8/ IV YEAR	29/04/2019	24/06/2019
Mtech	311(M.Tech CHEMICAL ENGINEERING)	2/ I YEAR	08/05/2019	04/07/2019
BTech	204(BIO TECHNOLOGY)	2/ I YEAR	31/05/2019	04/07/2019
BTech	204(BIO TECHNOLOGY)	4 / II YEAR	15/05/2019	04/07/2019
BTech	204(BIO TECHNOLOGY)	6/ III YEAR	27/05/2019	04/07/2019
BTech	204(BIO TECHNOLOGY)	8/ IV YEAR	29/04/2019	24/06/2019
Mtech	211(BIO TECHNOLOGY)	2/ I YEAR	08/05/2019	04/07/2019
BE	103(B.E. CIVIL ENGINEERING)	2/ I YEAR	03/06/2019	04/07/2019
BE	103(B.E. CIVIL ENGINEERING)	4 / II YEAR	27/05/2019	04/07/2019
BE	103(B.E. CIVIL ENGINEERING)	6/ III YEAR	25/05/2019	04/07/2019
BE	113 (B.E Marine Engineering)	6/ III YEAR	26/06/2019	04/07/2019
BE	113 (B.E Marine Engineering)	2/ I YEAR	03/06/2019	04/07/2019
BE	113 (B.E Marine Engineering)	4 / II YEAR	17/05/2019	04/07/2019
BE	103(B.E. CIVIL ENGINEERING)	8/ IV YEAR	29/04/2019	24/06/2019
ME	811(M.E COMPUTER SCIENCE AND ENGINEERING (networks)	4/II YEAR	13/05/2019	04/07/2019
ME	403 (M.E Communication Systems)	2/ I YEAR	29/05/2019	04/07/2019
ME	403 (M.E Communication Systems)	4 / II YEAR	13/05/2019	04/07/2019
ME	MIC Internal	4 / II YEAR	13/05/2019	04/07/2019

	Combustion Engineering			
ME	MME Mechatronics	4 / II YEAR	13/05/2019	04/07/2019
ME	MIC Internal Combustion Engineering	2/ I YEAR	29/05/2019	04/07/2019
ME	MME Mechatronics	2/ I YEAR	29/05/2019	04/07/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The learning levels of the students are assessed systematically through Continuous assessment tests (CAT).Slow learners are given extra attention by the course handling faculty members. Extra remedial classes are scheduled during the extended hour of the day and on Saturdays. Separate tutorial classes have been incorporated in the time table to enhance problem solving skills of the students. Additional materials are provided to the slow learners as and when required. The performance of the students are discussed with their parents on a regular basis by their respective faculty advisors. Bridge courses are conducted for students joining in the First Year of a program and also for second year lateral entry students. In addition, special classes are conducted for lateral entry students in English and Mathematics to improve their analytical and communication skills by the respective department faculty members and also by student volunteers. SVCE also implements peer mentoring system, wherein the needy students are partnered with a advanced learner and/or a mentor to enhance the learning abilities of all the students. Certificates are being issued to the mentors of the peer mentoring process. All students undergo Communication Skills Laboratory course to enhance their communication skills, fine tune their linguistic skills, to enhance their performance in their placement interviews and related procedures.

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

SVCE prepares Academic Calendar at the beginning of the academic year by Member Secretary,Controller of Examinations , Academic Council consisting of dates for commencement of classes for odd and even semesters, dates for commencement of internal tests, entry periods, last working day for UG and PG programs, commencement of end semester practical and theory examinations, and tentative reopening date for the forth coming semester.Before the beginning of a semester, the subjects are assigned to competent faculty members well in advance so that the necessary preparations are done. The assignment is based on the interest of the faculty member and his/her expertise in the subject. Care is taken to ensure that the basic core conceptual subjects are assigned to experienced faculty members so that a strong foundation is provided to the students. Time table is planned at the end of previous semester and displayed in the college web page.All faculty members prepare individual lesson plan for all the courses. Faculty members prepare a lesson plan and a course delivery plan which identifies the topics to be discussed in every lecture, the mode of course delivery, the books to be followed etc. These along with the lecture notes are approved by the Head of the Department before the beginning of the semester. The lesson and course delivery plan along with the subject syllabus are shared with the students during the first lecture of the semester, also uploaded in the college web site.Each faculty member maintains an Attendance and Assessment Record (AAR) which records the attendance, the topics discussed on a particular day, the results of assessment tests and the results of

university examination for that subject. The Attendance and Assessment Record (AAR) is regularly monitored by the head of the department for adherence to course delivery plan and the effectiveness of the teaching learning process is also assessed by the results of the cumulative assessment tests.The timetable, examinations are planned as per the calendar with complete adherence to it. However, in the case of unanticipated circumstances, the curriculum is completed by engaging lecture and lab sessions on weekends or on weekdays beyond college hours to compensate the lag.The external examination for theory and laboratory courses will be held in the college as per the directions given by Anna University. The faculty members also take part in evaluating the answer scripts and act as examiners for practical examinations.

2.6 – Student Performance and Learning Outcomes

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

https://svce.ac.in/departments/

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
102	BE	AUTOMOBILE ENGINEERING	65	41	63.08
104	BE	COMPUTER SCIENCE AND ENGINEERING	180	159	88.33
405	ME	COMPUTER SCIENCE AND ENGINEERING	5	5	100
113	BE	MARINE ENGINEERING	28	25	89.28
114	BE	MECHANICAL ENGINEERING	139	129	92.81
114	ME	MECHATRONICS	1	1	100
114	ME	INTERNAL COMBUSTION ENGINEERING	8	8	100
106	BE	ELECTRONICS AND COMMUNICATION ENGINEERING	197	145	73.6
403	ME	COMMUNICATION SYSTEMS	3	3	100
105	BE	Electrical and Electronics Engieering	124	111	89.52
415	ME	Power Electronics and Drives	3	3	100

111	BTech	INFORMATION TECHNOLOGY	111	96	86.48
203	BTech	CHEMICAL ENGINEERING	98	73	74.49
211	Mtech	BIO TECHNOLOGY	12	12	100
204	BTech	BIO TECHNOLOGY	45	45	100
103	BE	CIVIL Engineering	62	52	83.87
811	ME	COMPUTER SCIENCE ENGI NEERING(NETW ORKS)	2	2	100
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2.7 – Student Satisfaction Survey

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

https://svce.ac.in/NAAC/s/sss.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Minor Projects	0.6	IEI	0.04	0.04
Minor Projects	0.6	TNSCT	0.36	0.36
Any Other (Specify)	0.6	svce	1.61	1.61
Industry sponsored Projects	0.1	Thirumalai Chemicals	1.67	1.67
Major Projects	2	SERB DST New Delhi	19.2	9.6
Major Projects	3	SERB	20.97	4.18
Major Projects	2	aicte	8.27	66.16
Major Projects	1	DBT	8	6
Major Projects	3	AICTE	9.73	0
Major Projects	3	AICTERPS	17.94	0
Major Projects	2	AICTE MODROBS	7	0
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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date

Title	Department	Date
BioTryst 2019 National Biotechnology Summit	Bio Technology	24/01/2019
Lean Six Sigma – Yellow Belt Qualifying Course	Mechanical Engineering	10/03/2019
IAIP Workshop on IOT A Revolutionary Technology IOT Applications in Electrical and Electronics Engineering	Electrical and Electronics Engineering	04/01/2019
Technical and Commercial aspects of Tech startups An Overview of IPR	Chemical engineering	15/02/2019
Workshop on "IPR for Students and Faculty Members"	Chemical engineering	10/01/2019
Awarness on Intellectual Property Rights	Chemical engineering	24/12/2018

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
National Conference on "Indian Traditional and	Esther Keziah N	SRM Institute of Science and TechnologyInstitute	14/02/2019	1st place
Biofest'19	Hariharan S	IIT Madras	02/03/2019	2nd place
participated in National Conference on "Recent advances in Biotechn ology for Healthcare"	Janani M	Rajalakshmi Engineering College,Thandalam	26/09/2018	1st place
participated in National Conference on "Indian traditional and functional foods"	Keerthana C	SRM Institute of Science and TechnologyInstitute of Science and Technology	14/02/2019	2nd place
Avidadham 2019	Madhumitha B	Anna University	25/02/2019	2nd place
Synthesis of Turmeric Oil Loaded NonIonic Surfactant Vesicles and its	Janani M	Rajalakshmi Engineering College	27/09/2018	First Prize (Prize amount Rs. 1000/)
Avenanthramide, a natural immun otherapeutic agent for the treatment of Alzheimers	DV Dharshini, Khaviya D and Chandini	SRM Institute of Science and Technology	28/09/2018	Best Poster Award

disease				
project titled "To Prolong the shelflife of the Mushroom by Biofilm Coating" in ICRTAC – CPS 2018	C.T. Indira Nachammai and Valle Natarajan	VIT, Vellore	10/09/2018	Best Poster Award
Model titled " Gentically Engineered Insulin"	Jannavi R, Neha B, Shreya Srinivasan, Sowdhamini M	Sri Venkatesara College of Engineering	29/09/2018	1st prize
Contribution and achievement in the field of Nanobiotechnology	Dr.A.Kalaiselvi	Venus International Foundation	26/04/2019	Young Woman in Science Award
Project display	Bharat Partheepan D	SSN college of Engineering	22/09/2018	First prize
Smart surveillance smart monitoring and real life tracting	Mohammed safi A	Vel Tech	01/01/2019	First prize
Best Women Teacher Award	Dr. P. Jothilakshmi	CSERD, Dehradun, UK, India	10/03/2018	Teacher
Teaching Awards in Engineering	Dr.KR.Santha HoD/EEE	Staffordshire University and Education Matters	23/07/2019	Innovation in Teaching
Novel corn husk based products as a substitute for non – biodegradable polymers	Dr. Nalinkanth V Ghone	PALs	04/03/2019	Teacher
Green Synthesis of Improved Niosomal Formulation with Indian Herb Oils against Anthropod Pests	Mr. Aswin Jeno JG	CSIR	01/02/2019	CSIRSRF
Recent advances in Food Processing	IIFPT, Tanjavur	Anusuya Narayanan, Ashwin A and Shankuthala N	17/08/2018	Hackathon, 1st place
PALS Innovation Challenge	Anusuya Narayanan,	IIT Madras	28/02/2019	1st place

competition	Ashwin A and Shankuthala N			
Biomedical Technical Symposium "Uyirion 19" on Probiotic	Arivezhil D, Karthika M and Varshica R	Rajalakshmi Engineering College, Thandalam	25/02/2019	2nd place
a hackathon conducted	Barath G, Janani V.I, Raahul Kalyan J	IEEE Computer Society,VIT Chennai	18/03/2018	Third place in HackHub
WHEEL OF FORTUNE	Mr.Balaji.J	Meenakshi Sundararajan Engineering college.	14/09/2018	First Place
SEARCH THE WEB	Mr. Balaji.J	PERI Institute Of Technology	15/09/2018	First place
Trojan Horse	Mr. Balaji.J	SRI VENKATESWARA COLLEGE OF ENGINEERING	13/10/2018	First price
Researchproject	R.Divya	Ministry of Economy,Trade,Industry,Japanese Government.	15/10/2018	3rd prize
National Conference on Biology in Human Welfare and Bioentrepreneurship	Kaushik B and Akilan A	Vels University	25/02/2019	1st place
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Entrepreneurship Promotion and Incubation Center	SVCEPIC	MSME, Ministry of micro, small and medium enterprises, Govt. of India	Geraniol	Purification of geraniol by chromatography for therapeutic applications	01/01/2018
Entrepreneurship Promotion and Incubation Center	SVCEPIC	MSME, Ministry of micro, small and medium enterprises, Govt. of India	Plastion Electroliet	Recycling waste plastic as electrolytes	10/07/2019
Entrepreneurship Promotion and	SVCEPIC	MSME, Ministry of micro, small and medium	Diffuson Coatech	Development of high performance diffusion	10/06/2019

Incubation Center		enterprises, Govt. of India		coating for tools and machine elements	
Entrepreneur ship Promotion and Incubation Center	SVCEEPIC	MSME, Ministry of micro, small and medium enterprises, Govt. of India	Ultrapure water	Production of ultrapure water using indigenous column and resins	01/01/2018
Entrepreneur ship Promotion and Incubation Center	SVCEEPIC	MSME, Ministry of micro, small and medium enterprises, Govt. of India	Poultry feed	Converting sugarcane bagasse into poultry feed	01/01/2018
Entrepreneur ship Promotion and Incubation Center	SVCEPIC	MSME, Ministry of micro, small and medium enterprises, Govt. of India	Conversion Coating	Development of conversion coated punches and dies	01/01/2018
No file uploaded.					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	**0**	**5**

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

Name of the Department	Number of PhD's Awarded
COMPUTER SCIENCE ENGINEERING	5
MECHANICAL ENGINEERING	1
INFORMATION TECHNOLOGY	1
BIO TECHNOLOGY	1
APPLIED PHYSICS	1
APPLIED MATHEMATICS	3

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	BIO TECHNOLOGY	3	1.4
International	BIO TECHNOLOGY	7	3.04
International	APPLIED CHEMISTRY	2	0
International	APPLIED MATHEMATICS	10	0.3
International	APPLIED PHYSICS	11	0

International	AUTOMOBILE ENGINEERING	6	1.07
International	COMPUTER SCIENCE ENGINEERING	15	1.12
International	MECHANICAL ENGINEERING	49	2.1
International	ELECTRONICS AND COMMUNICATION ENGINEERING	33	3.56
National	ELECTRICAL AND ELECTRONICS ENGINEERING	3	0
International	ELECTRICAL AND ELECTRONICS ENGINEERING	22	1.4
International	INFORMATION TECHNOLOGY	28	1.68
International	CHEMICAL ENGINEERING	6	0

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

Department	Number of Publication
AUTOMOBILE DEPARTMENT	4
COMPUTER SCIENCE ENGINEERING	14
ELECTRONICS AND COMMUNICATION ENGINEERING	6
ELECTRICAL AND ELECTRONICS ENGINEERING	23
INFORMATION TECHNOLOGY	24
APPLIED PHYSICS	10
MECHANICAL ENGINEERING	13
CHEMICAL ENGINEERING	1
APPLIED MATHEMATICS	1
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

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

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations	Institutional affiliation as

				excluding self citation	mentioned in the publication
No Data Entered/Not Applicable !!!					
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Resource persons	2	17	42	17
Attended/Seminars/Workshops	2	135	166	49
Presented papers	65	63	1	0
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3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Swachh Samaroh	NCC (Army)	5	50
Yoga day 1 at College	NCC(Army)	7	50
Yoga Day 2 at Mambakkam Village	NCC (Army)	10	50
Yoga Day 3 at College	NCC (Air)	2	30
Blood Donation Camp Two Days	NCC(Army,Air, Navy)	3	130
Anti plastic Rally	NSS	4	110
Independence Day Celebrations	NSS	2	100
NSS Award Function and Youth Day Celebration	NSS	3	42
NSS Orientation program for newly enrolled volunteers	NSS	4	500
Road Safety Week – Road Safety Awareness Rally	NSS	4	58
Expert Lecture on "Volunteerism in Today's Youth through NSS"	NSS	4	78
Pulse Polio Immunization	NSS	4	9
NSS Special Annual	NSS	4	94

Camp			
Lecture on Relieve the stress andface the exam without fear	NSS	4	50
World – No Tobacco Day awareness through panel discussion	NSS	2	25
NSS	NSS	2	30
Swachh Bharat	NCC (Army)	12	50
Swachh Bharat Summer Intership (SBSI)	NCC (Navy)	1	20
Coastal Cleaning	NCC (Navy)	1	15
All India Relay Cyclothon	NCC (Navy)	1	13
Energy Conservation Rally	NCC (Navy)	1	33
Tree Saplings Plantation	NCC (Navy)	1	20
AIDS Awareness Rally	NCC(Army)	1	50
Pulse Polio	NCC(Army, Air , Navy)	3	130
YRC Induction Programme Handing over of Kerala Flood relief Fund Rs.24,611/	YRC	2	150
First aid Training Course to First year Students	YRC	2	150
Environmental Awareness Programme (in association with CARE Club)	YRC	3	85
Dengue Awareness Campaign	YRC	2	27
Eye Donation Awareness and Screening Camp	YRC	10	160
Road Safety Awareness Rally at Kancheepuram	YRC	2	5
Road safety Awareness Programme at SVCE (in association with Transport Section)	YRC	3	100

| Blood Donation Camp | YRC | 2 | 182 |

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

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Swachh Bharat Summer Intership (SBSI)	Certificate of Appreciation	Government of India (Secretaries of four ministries signed)	70
Project display	First prize	SSN college of Engineering	1
International Project Competition and Exhibit	First prize	Vel Tech	1
NPTEL course Service Marketing: A practical approach	Certified for passing the course	IITs	1

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Swachh Bharat	NCC (Army)	Swachh Bharath Internship	12	50
Swachh Bharat Summer Intership (SBSI	NCC (Army)	Swachh Bharat Summer Intership (SBSI	1	20
International Day of Yoga	NCC (Army)	International Day of Yoga	1	30
AIDS Awareness Rally	NCC (Army)	Aids Awareness Rally	1	50
Pulse Polio	NCC(Army, Air , Navy)	Pulse Polio Activity	3	130
Swachh Samaroh	NCC (Army)	Temple Cleaning	5	50
Yoga day 1 at College	NCC (Army)	Yoga day at SVCE	7	50
Yoga Day 2 at Mambakkam Village	NCC (Army)	Yoga Day at Mambakkam Village	10	50
Yoga Day 3 at College	NCC (Air	Yoga Day at SVCE	2	30
Blood Donation Camp Two Days	NCC(Army,Air, Navy)	Blood Donation Camp at SVCE for two days	3	130

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3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Hands on Training at Bosch Training centre , chennai	Dr.S.Premnath	Own accord	3
Faculty Industry Training	Mr.M.kumaran	Sponsor by Management	3
Faculty Industry Training at Cochin Shipyard Limited, Kochi	Dr.M.Anandan	Sponsored by Management	14
Faculty Industry Training at Minifab Enterprises pvt.Ltd	Mr.K.Ramprasad Mr.M.Nishal	Own accord	2
Faculty Industry Training on VMC Programming	Dr.S.Ponnuvel Mr.M.Kalaimani Mr.R.Ganesan	Own accord	4
Faculty Industry Training at Brakes India Ltd PALS Faculty Initiative	DR.M.GAJENDIRAN	Management PALS Collaboration	6
Faculty Industry Training at Delphi TVS Technologies	Mr.V.Senthilvelan	Own accord	4
Faculty Industry Training at Western Thomson (India) Limited	DR.M.GAJENDIRAN	Own accord	2
Faculty Industry Training at Panickker Switchgear Private Limited	Mr.C.Venkatesan and Mr.S.Kumaravel	Own accord	4
Faculty Industry Training at Power projects Chennai	Mr.M.Rajvikram	Own accord	3
Faculty Industry Training at BESTMACH Chennai	Mr.D.S.Purushothaman	Own accord	6
Faculty Industry Training at EmCog Solutions	Mr.V.Mohanraj	Own accord	5
Faculty Industry Training	Mr. AR. Guru Gokul	Sponsor by Management	3
Student Exchange	Dr. Nalinkanth V. Ghone	USIEF	6
Research	Dr. Nalinkanth V. Ghone	DSTFIST	60

Faculty Industry Training	Mr.M.Sureshkumar	Sponsor by Management	3
Faculty Industry Training	Mr.Rajasekaran T	Sponsor by Management	3
Faculty Industry Training	Mr.P.Selvamani	Sponsor by Management	3

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Afloat Training	Afloat Training	Cochin Shipyard Limited, Cochin	10/12/2018	07/06/2019	25
Internship	Internship	Sundramfastners	25/06/2018	27/06/2018	1
Internship	Internship	VST Titanium motors pvtltd	01/06/2018	29/06/2018	1
Internship	Internship	Ucal fuel systems ltd	28/05/2018	14/06/2018	1
Internship	Internship	Fouress	13/06/2018	12/07/2018	1
Internship	Internship	Mobis India Ltd	25/06/2018	29/06/2018	1
Internship	Internship	ISUZU	18/06/2018	30/06/2018	1

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Infoziant Systems Private Limited	07/09/2018	Faculty and Student Training, Internship, Industry Project and Collaborative Research	100
Manya – The Princeton Review, Chennai	29/05/2019	To conduct Test – Prep program for GRE, TOFEL and IELTS	13
Cochin Shipyard Limited, Kochi	01/06/2018	For providing 6 months afloat training to 30	30

		students every year during Dec June.	
M/s Enthu technology solutions India Pvt Ltd	11/06/2018	Student project, IPT, Workshop/Seminar	2
M/s Pantech prolabs India Pvt Ltd	11/06/2018	Student Project, IPT, Workshop/Seminar	15
GLR Laboratories	01/03/2019	Training , Consultancy	6
Amman Wind Systems	28/03/2019	Training , Consultancy	2
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
1000	1612

4.1.2 – Details of augmentation in infrastructure facilities during the year

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

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Autolib	Fully	Web based version	2002

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	96934	34988321	1377	766228	98311	35754549

Reference Books	5531	12689211	19	79839	5550	12769050
e-Books	750	194834	685	276115	1435	470949
Journals	141	458067	140	451044	281	909111
Journals	1410	2879149	1387	2712993	2797	5592142
Digital Database	40195	40195	0	0	40195	40195
CD & Video	246	295000	5	8075	251	303075
Weeding (hard & soft)	4090	639984	0	0	4090	639984

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

Name of the Teacher	Name of the Module	Platformon which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MGBPS)	Others
Existing	1222	965	965	0	0	257	0	155	0
Added	196	0	0	0	0	0	0	0	0
Total	1418	965	965	0	0	257	0	155	0

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

155 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Media Center	https://www.svce.ac.in/NAAC/s/SVCEmediacentre.mp4

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
250	230	250	230

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory,

library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

> The Institution has adequate facilities for teaching - learning, viz, classroom, laboratories, computing equipment, etc. The College has adequate Sports and Games facilities to cater to the Physical development of the students. An indoor offers facilities for Table Tennis, Chess, Carrom and Shuttle Badminton. There is a large outdoor playground for sports like Cricket, Volley Ball, football,basket ball, khokho,khabadi. The Play Grounds for other sports like Tennis, Basket Ball, Football etc., was established for the students to participate in the game of their choice. Physical development department has three faculty members to guide the students in various sports activities. Students are encouraged to take part in sports as excellent outdoor and indoor game facilities are provided in campus. Wellequipped gym center as well as a swimming pool are available in campus .The infrastructure of the College is adequate to meet the requirements of its various stakeholders. College provides a eco friendly environment with adequate infrastructure and all necessary facilities for conducting the academic programmes. Estate Maintenance department of the college maintains the quality of the existing building and classrooms. Utilization of class rooms, conference hall, laboratories and library is well planned in advance as per the requirements of the departments. Precise planning of the schedule helps the optimal utilization of available infrastructure. Each department has dedicated Computer labs equipped to sufficient computers with around the clock Internet facility. Dedicated classrooms available for all UG and PG courses with 100 utilization being achieved. classrooms are scheduled as per timetable. These classrooms are open for scheduled instruction and reservations, and are equipped and configured for basic instructional support including chalk boards or white boards, movable or fixed tablet armchairs, tables and chairs, or similar types of seating. Many also include a ceilingmounted data projector for use with an instructorprovided laptop. All physical facilities in classrooms are maintained by estate maintenance department. computer lab facilitates to support the academic, research and instructional activities of the college. Frequent reports on hardware, software, or network problems as handled in time. computers are regularly maintained in order to ensure that they dont crash prematurely. Dr. A.C. Muthiah Central Library is a preeminent library, containing an expansive digital and physical collection that offers a diverse range of services and resources that includes books and journals covering all major fields of Science and Engineering. SVCE strongly believes in promoting and facilitating eLearning. Towards this end, we have developed a Digital Library section, totally sponsored by the SVCE Alumni Association. Annual stock verification, replacement of outdated books are done for maintenance of library. Dedicated hours as mentioned in timetable and digital log of utilization is maintained in library.

https://www.svce.ac.in/NAAC/s/infrastructurepolicies.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	management scholarship	282	3272047
Financial Support from Other Sources			
a) National	BC/MBC/SC/ST scholarship	741	15793800

b)International	0	0	0

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
First Year Induction programme	29/08/2018	887	SVCE
Spring board training Programme	21/01/2019	887	Spring board
Spring board training Programme	19/12/2018	1621	Spring board
Core Technical Training (IV year 2020 batch) Software Coding Training (IV year2019 batch)	10/06/2019	112	SVCE
Software Coding Training (IV year2019 batch)	11/07/2018	114	SVCE
Hackathon (3rd Year)	21/08/2018	46	SVCE
Circuitrix 2019 Circuit debugging	13/02/2019	13	SVCE

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	Placement Training / Higher studies seminars	30	114	18	111

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
2	2	20

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
135	611	594	18	128	17
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	1	Bachelor of Engineering	Mechanical Engineering	University of south Austria	M.S.
2019	1	Bachelor of Engineering	Mechanical Engineering	Arizona State University	M.S.
2019	1	Bachelor of Engineering	Electronics and Communication Engineering	The OHIO state university	MS in Electrical and Computer Engg
2019	1	Bachelor of Engineering	Electronics and Communication Engineering	Arizona state University	MS in Computer system
2019	1	Bachelor of Engineering	Electronics and Communication Engineering	Stony Brook University	Masters in Electrical Engineering
2019	1	Bachelor of Engineering	Electronics and Communication Engineering	New Jersey Institute of Technology	MS in Bio medical Engineering
2019	1	Bachelor of Engineering	Electronics and Communication Engineering	University of Buffalo	MS in Computer science and Engineering
2019	1	Bachelor of Engineering	Electronics and Communication Engineering	University of WISCONSIN-MADISON	MS in Signal processing and Machine learning
2018	1	Bachelor of Engineering	Electrical and Electronics Engineering	FANSHAWE COLLEGE, LONDON.	PG in Internation Business Management
2019	1	Bachelor of Technology	Information Technology	Arizona State University, Arizona	Masters in Computer Science
2019	1	Bachelor of	Information	North	Masters in

Year	Count	Degree	Branch	University	Higher Study
		Technology	Technology	Eastern University	Computer Science
2019	1	Bachelor of Technology	Information Technology	International Management Institute, New Delhi	Master of Business Administration
2019	1	Bachelor of Technology	Chemical Engineering	UPES	M.Tech Computaional Fluid Dynamics
2019	1	Bachelor of Technology	Chemical Engineering	UPES	M.Tech Computaional Fluid Dynamics
2019	3	Bachelor of Engineering	Civil Engineering	SRM University Chennai	M.E Structural Engineering
2019	1	Bachelor of Engineering	Civil Engineering	Eswari Engineering College, Chennai.	M.E Structural Engineering
2019	1	Bachelor of Engineering	Civil Engineering	CEG, Anna University.	M.E Environmental Engineering
2019	1	Bachelor of Engineering	Civil Engineering	CEG, Anna University.	ME Construction Planning and Management
2019	1	Bachelor of Engineering	Civil Engineering	VIT, Vellore.	M.E Structural Engineering
2019	1	Bachelor of Engineering	Civil Engineering	Bits, pilani	M.Tech. Structural Engineering
2019	1	Bachelor of Engineering	Civil Engineering	bits, hyderabad	M.Tech. Structural Engineering
2019	1	Bachelor of Engineering	Civil Engineering	IMU, Visakhapatnam Campus of INDIAN MARITIME UNIVERSITY	M.Tech (Dredging and Harbour Engineering)
2019	1	Bachelor of Engineering	Civil Engineering	CEG, Anna University.	M.E Environmental Management
2019	1	Bachelor of Engineering	Civil Engineering	SRM University Chennai	M.Tech. – Construction engineering and management
2019	1	Bachelor of	Civil	Royal	MBA in

		Engineering	Engineering	Institution of Chartered Surveyors, Amity University, Noida, Uttar Pradesh.	Construction Project Management
2019	1	Bachelor of Engineering	Civil Engineering	Anna University Campus, Tirunelveli.	M.Tech.-Remote Sensing
2019	1	Bachelor of Technology	Chemical Engineering	University of Toronto	ME Sustainable Energy
2019	1	Bachelor of Technology	Chemical Engineering	NUS University	MS Chemical Engineeering
2019	1	Bachelor of Technology	Chemical Engineering	University of Toronto	MS Sustainability Management
2019	1	Bachelor of Technology	Chemical Engineering	University of Toronto	MS Chemical Engineering
2019	1	Bachelor of Technology	Biotechnology	Christian Albrechts University	M.S Biotechnology
2019	1	Bachelor of Technology	Biotechnology	Georgia Tech University	M.S Biotechnology
2019	1	Bachelor of Technology	Biotechnology	University of Illinois Chicago	M.S Biotechnology
2019	1	Bachelor of Technology	Biotechnology	Uppasala University	M.S Biotechnology
2019	1	Bachelor of Technology	Biotechnology	Ludwig Maximilians University	M.S Biotechnology
2019	1	Bachelor of Technology	Biotechnology	Sri Venkateswara College of Engineering, Anna University	M.S Biotechnology
2019	1	Bachelor of Engineering	Automobile Engineering	University of Cattolica	M.S Innovation and technology management
2019	1	Bachelor of Engineering	Mechanical Engineering	Northeastern University	M.S.
2019	1	Bachelor of Engineering	Mechanical Engineering	New Jersey Institute of Technology	M.S.
2019	1	Bachelor of	Mechanical	Kingston	M.S

2019	1	Bachelor of Engineering	Engineering	University London	
2019	1	Bachelor of Engineering	Mechanical Engineering	The University of Texas	M.S
2019	1	Bachelor of Engineering	Mechanical Engineering	Arizona State University	M.S
2019	1	Bachelor of Engineering	Mechanical Engineering	NIT Jamshedpur	M.S
2019	1	Bachelor of Engineering	Mechanical Engineering	The University Of Warwick	M.S
2019	1	Bachelor of Engineering	Mechanical Engineering	University of New Haven	M.S.
2019	1	Bachelor of Engineering	Mechanical Engineering	University of Wollongong	M.S.
2019	1	Bachelor of Engineering	Mechanical Engineering	Brunel University London	M.S.
2019	1	Bachelor of Engineering	Electronics and Communication Engineering	The OHIO state university	MS in Electrical and Computer Engg
2019	1	Bachelor of Engineering	Electronics and Communication Engineering	Queens land Univ of Technology	Master of Professional Engineering
2019	1	Bachelor of Engineering	Electronics and Communication Engineering	SSN School of management	Master in Business Administration
2019	1	Bachelor of Engineering	Electronics and Communication Engineering	VIT University	Master in Business Administration
2019	1	Bachelor of Engineering	Electronics and Communication Engineering	Symbiosis Institute of Technology	Master of Technology in Geoinformatics & Surveying Technology
2019	1	Bachelor of Engineering	Electronics and Communication Engineering	UNSW Sydney	M.Tech in information technology (Data science and engineering)
2019	1	Bachelor of Engineering	Electronics and Communication	UCD Dublin	ME Electronic and computer

Year		Bachelor of Engineering	Computer science and Engineering		Engineering
2019	1	Bachelor of Engineering	Computer science and Engineering	Georgia Tech	MS
2019	1	Bachelor of Engineering	Computer science and Engineering	University of Texas Arlington	MS
2019	1	Bachelor of Engineering	Computer science and Engineering	STEVENS INSTITUTE OF TECHNOLOGY	MS
2019	1	Bachelor of Engineering	Computer science and Engineering	Arizona State University	MS
2019	1	Bachelor of Engineering	Computer science and Engineering	Virginia Tech	MS
2019	1	Bachelor of Engineering	Computer science and Engineering	Dublin University, Ireland	MS
No file uploaded.					

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

Items	Number of students selected/ qualifying
GRE	40
TOFEL	20
GATE	8
CAT	6
Any Other	56
No file uploaded.	

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

Activity	Level	Number of Participants
Badminton (men)	zonal	154
Cricket(Men)	Zonal	432
Table Tennis(Men)	Zonal	35
Dr.ACM Trophy in Cricket	State	304
SVCE Trophy in Basketball(Men)	State	192
SVCE Trophy in Basketball(Women)	State	84
SVCE Trophy in Football(Men)	State	192
SVCE Trophy in Volleyball(Men)	State	228
No file uploaded.		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Football	National	1	0	2015MEC0936	S Dhruva
2018	Shooting	National	1	0	2017ECE0732	K Manas Reddi
2018	Squash Racquet	National	1	0	2018CSE0503	A Niraj Thiru

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Every year, students elect their class representatives and from the elected class representatives, office bearers of students association are selected by a committee through interview process. Office bearers for the academic year 20182019 are available at college webpage (https://svce.ac.in/resources/student/). Dean Students' Welfare is a mentor for students association. Office bearers of the association express opinions and suggestions without any inhibitions for the betterment of the students. Adequate funds are provided by the management for the activities of students association. Besides, any student can send their suggestions to the Principal through suggestions@svce.ac.in. Academic and administrative bodies that have student representatives to create more avenues are given below Class Committee Library Committee Sports Committee Transport Committee Canteen Committee Industry Institute Interaction cell Entrepreneurship development AntiRagging Committee IQAC In addition to the bodies there exists several Societies/Associations to develop technical skill, updating knowledge on the stateoftheart technologies, personality development and service to society. There are staff advisers to guide students in the smooth and efficient conduct of these activities. Society of Mechanical Engineering (SME) Association of Computer Engineers (ACE) Electronics and Communication Engineers Association (ECEA) Association of Electrical and Electronics Engineers (AEEE) Association of Chemical Technologies (ACT) Association of Information Technologists(AIT) Association of Marine Engineers(AME) Association of Automobile Engineers (AAE) Association of Biotechnologists Mathematics Forum Forum for Economic Studies for Engineers (FORESE) Society of Automotive Engineers (SAE) Indian Institute of Chemical Engineers (IIChE) – Students Chapter Institution of Electrical and Electronic Engineers (IEEE) Indian Society for Technical Education (ISTE) Student Chapter Indian Society for Training and Development (ISTD) Student Chapter ACM Student Chapter National Cadet Corps (NCC – Army Wing) National Cadet Corps (NCC Air wing) National Cadet Corps (NCC Naval Wing) National Service Scheme (NSS) Youth Red Club (YRC) Leo Club Rotaract Club Society for Promotion of classical Music and Dance Tamil Mandram Speakers' Forum Student Journalism Phoenix College magazine Industry Institute Interaction Cell CARE (Eco Club) Engineers Without Borders (EWB) Quality Management Center Robotics Forum Entrepreneurship Promotion and Incubation Center

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The institution has registered Alumni Association under section 10 of Tamil

Nadu Societies Registration Act 27 of 1975. Alumni Association Registration No and DATE:Sl. No.44/2011 on 31st March 2011 at Chengelpet. We have Alumni council. Council Members are: Patron : Prof. S Ganesh Vaidyanathan President: Mr. Premkumar Kora President Elect:Mrs. Sowmya Mahadevan VicePresident : Mr.Arun Janarthanan VP Events :Mr. Vijay Anand VP Fund Raising:Mr. Elango M VP International Alumni Relations:Mr. Rajesh Ramesh Sectretary: Mr.Sanjeev Kumar U Treasurer: .Dr P Janarthanan Executive Committee Members : 1.Mr. Alaguselvan 2.Mr. Ramkumar T V 3. Mr.Pandian Inbasagaran 4.Mr. Srinivasan K 5.Mr. Tarun Chinmai Sekar 6.Mr. Madhavan V 7.Mr. Pankaj Murarka Alumni Association has its own website. Events and News are published periodically in the website. https://svcealumni.org

5.4.2 – No. of enrolled Alumni:
6000

5.4.3 – Alumni contribution during the year (in Rupees) :
50000

5.4.4 – Meetings/activities organized by Alumni Association :

1.Alumni Executive council meeting was organized on 08/12/2018 and 19/01/2019 at KEREA, RA Puram,Chennai. 2.Budding Bright Engineer award function was conducted on 15/08/2018 Details: 3.AGM was conducted at Alumni Club, Anna University on 7/7/2018. 4.[1990 – 1994] Batch – Reunion was organized at SVCE on 26072019. 5.SVCE Networking night was organized on February 9th 2019 at Free Masons Hall,Egmore. 6.Alumni Student Connect was organized on 31/01/2019 at SVCE. 7. The SVCEACM Student Chapter in collaboration with the SVCE Alumni Association conducted Hackathon (YAH! 2K'18) on the 18th and 19th of August 2018 at Ascendas IT Park. 8. Alumni members are giving seminars and conducting workshops to their department periodically. Details in Alumni website: https://svcealumni.org/8892/ 9. [19851989] batch Alumni providing Alumni Education Scholarship to ECE and EEE students. Details in Alumni Website : https://svcealumni.org/sponsorastudent/ 10. Alumni Association working with EPIC to support students to do innovative projects.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

The institution adopts a decentralized Governance with all statutory and many nonstatutory bodies as well. The institution follows a meticulous system of decentralized authority by conferring an appropriate degree of empowerment at various levels. The Organization is supported by five levels of hierarchy as Board of Trustees, Governing Council, Academic Council and the Executive Council, Board of Studies. Campus Management System (CMS) is an Enterprise Resource Planning used for making transaction among all stake holders, administration and finance activities. The first decentralized practice of availing finance is described herewith. At the beginning of every financial year, each department prepares and proposes a budget. The budget presented by the department is based on the plan of action taking into account, the infrastructure requirements for academic and research purpose, Human resource development activities etc. submitted by the Teachers in charge of various laboratories, courses, activities, clubs etc. and consolidated by the Head of the Department. Thus the involvement of Teachers is ensured in the process. Subject to the approval of the proposed budget by the Management, whenever a proposal for availing finance for any activity is initiated, depending on the proposal amount, the approvals can be obtained at various levels. With proper

justification and satisfying the norms stipulated, approvals are generally accorded by the next higher authority without any hassles and sent back to the proposers. The process of conducting internal tests though coordinated at a central level, independency is imparted to departments to the test conducting process and its subsequent evaluation and finalization. This is another example of decentralized practice. To quote another example where there is a special requirement for additional funding apart from the allocation done in the annual budget, the Management never hesitates to offer the same provided there is a strong justification which supports the Vision of the institution. The "Interdisciplinary center for Nanotechnology", which is evolving as a Center of Excellence was established in this way with full funding from the Management. This clearly shows the participative nature of the Management and its dedication towards the growth of the institution. The involvement of management in the implementation of ISO standards throughout the institution though not statutory except for Marine engineering course which involves substantial financial implication from management is yet another example of participative management in this college along with high degree of decentralization.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	Syllabus was revised carefully for 85 of the programmes offered by the college to meet the global needs. 29.84 of the courses of all the programmes have the focus on employability / entrepreneurship / skill development.The college introduced 320 new courses (14.2) across all the programmes in the last 5 years. Elective course system for all the programmes (100) has been implemented under Regulation 2013 of Anna University and Regulation 2016 . Choice Based Credit System (100) is being implemented under Regulations 2018 . Programmes offered have incorporated issues relevant to Gender, Environment and Sustainability, Values and Ethics.
Teaching and Learning	Bridge courses are conducted in the beginning of the semester. The teaching learning involve preparation of a course file by every teacher, which covers the lesson plan with syllabus,attendance and assessment record, course outcomes etc. The lecture sessions are supported by LCD Projectors, WiFi facility and eresources. After assessment tests, slow learners are identified and remedial/special classes are arranged. Apart from this the students are motivated to attend/organize several

	workshops and seminars. PlacementTraining classes are conducted to improve the skill set of the students. The teachers and students register for new courses online and have received certificates with good scores.
Examination and Evaluation	Quality and Transparency is maintained in the examination system. Questions are set by the experienced faculty members following the RBT level, specifying the CO for each question. Scrutiny of the question papers are done by a team of faculty members before releasing the question paper for end semester examinations. Evaluation is performed by the course handling teachers. Results are given based on the recommendations of the Results Passing Board, and absolute grading is given. At the end of the programme around 85 of students receive their degrees.
Research and Development	SVCE promotes research through welldefined research policy. The college management encourages its teachers and student to avail fellowship, carry out research, submit proposals and file patents through a research committee that has been in place to facilitate the research activities through Seed money derived from various sources. The college has wellestablished department research centers to facilitate research activities like mentoring scholars, conducting conference, workshop and obtaining grants. The management encourages the students and faculty members by providing sponsorship/incentives to participate in the conference, journal publications and receiving grants.
Library, ICT and Physical Infrastructure / Instrumentation	The college 91 Class Rooms, 82 Laboratories, 6 Workshops, 4 Drawing halls, 212 Staff Rooms, 8 Seminar Halls, two air conditioned video conferencing halls. The class rooms and seminar halls are equipped with projectors and other audiovisual aids with internet facilities. College has 2 leased lines with a capacity of 155Mbps and 12Mbps(167Mbps). Surveillance camera for monitoring is available throughout the institution. Dr.A.C.Muthiah Central Library is airconditioned library spanning around

	4,900.75 Sq.mt.(52,732.07 Sq.ft.). The Library operation is automated through 'AutoLib' software. The library has a video conferencing hall. The college has facilities viz. Hostel, Canteen,Swimming Pool, Dispensary and Staff Quarters.
Human Resource Management	Orientation to new teaching staff is given for teaching learning, systems, policies procedures in the college to improve quality Onduty is provided to faculty for attending FDP, Short Term Development Training Programmes, Seminars, Workshops, International / National Conferences, Research Day and faculty members are sponsored to attend the International / National Conferences / Workshops / Seminars to develop their skill, knowledge and share the same with the students. SVCE has Research Centre. Faculty Members are encouraged to pursue Ph.D under internal Guide or external Guide. Consultancy / association with leading Industries and responding to changes in technology. Industry Institute Interaction Cell. Quality faculty members are recruited. Encouraging students to engage in research activities, FDP on Entrepreneurship for faculty members, Technology Innovation Centre.
Industry Interaction / Collaboration	Linkage with industries, institutions, research centers/ social service organizations are formed for enhancing research, providing handson experience / onjob training for student projects and carrying out social welfare programmes to the community.
Admission of Students	The college runs 10UG programmes and 8 programmes are accredited by NBA. 'Civil Engineering' is in the process of submission of SAR for NBA. Around 90 of the seats are filled every year with a total strength of approx 4500. The college stands third in DOTE, Anna University admissions.The institution has an average of 312 faculty members with good faculty retention. All teachers are highly experienced with an average experience of 10 years. Around 30 of the faculty members posses Ph.D. The institution maintains a student teacher ratio of 1:14.

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

E-governace area	Details

Finance and Accounts	The financial transactions are fully through emeans right from calculation , dispatching and payment through digital means like salary dispensation through ebanking and direct transfer to account of equipment supplier and other stake holders
Administration	The main line of communication is through email with varying degree of reach imparted according to the level of authority. The availability of internet connection for twenty four hours ensure this line of communication in effective administration.
Planning and Development	The application software has been employed to collect information from stake holders like Google sheets and Google forms and these form the basis for planning and development. Spreadsheet experts in the college help the management in the data crunching work and in the process of decision making.
Student Admission and Support	Campus Management System (CMS) is an Enterprise Resource Planning used for making transaction among all stake holders ,administration and finance activities .It helps for data entry, retrieval and validating the data and also to prepare reports for student performance, faculty performance and autonomous examination activities.
Examination	The office of the COE is totally e -governed right from announcement , evaluation and publication of results .The COE office deployed rovan software to effect this and the student related activities of COE has been linked with CMS that enable students to login to know about their results , CGPA status etc.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Dr. P. RAGHU	RECENT ADVANCES IN RENEWABLE ENERGY TECHNOLOGIES FOR SUSTAINABLE DEVELOPMENT.	0	1500

2018	ARUMUGAM S	RECENT ADVANCES IN RENEWABLE ENERGY TECHNOLOGIES FOR SUSTAINABLE DEVELOPMENT"	0	1500
2018	Dr. S RAMESH BABU	Oneweek Faculty empowerment program on teaching, learning and assessment with MOOCs Open resources: Hands on Approach	0	2000
2018	Dr.R.Ramesh	Hands on Workshop on Innovative Design and Manufacture Education	0	3000
2018	Dr.S.Gopinath	International workshop on Digital manufacturing towards industry 4.0	0	1500
2019	Dr.S.Gopinath	Role of IQAC in improving Academic administrative audit (AAA) on 29/4/2019	0	1000
2018	Dr.M.Mohandass	Hands on Workshop on Innovative Design and Manufacture Education	0	3000
2018	Dr.P.Raghu	CFD with Chemical Engineering Applications	0	1500
2018	ARUMUGAM S	CFD with Chemical Engineering Applications	0	1500
2018	G KIRUBAKARAN	Empowering Teachers in 21st Century skills Education	0	3000
2018	Mr.S Senthil	Six days FDP on	0	500

		Rajan	Antenna Design and Measurement Techniques at SSN College of Engineering		
2019	Ruby Freya	2 week short term course on CAD using SolidWorks at Anna University	0	3000
2018	Dr.V.Ganesh	Not Applicable	SAE INDIA	1329
2018	Dr.J. Venkatesan	Not Applicable	SAE INDIA	1329
2018	Mr.A.K.Boobalas enthilraj	Not Applicable	SAE INDIA	1329
2019	Mr. D. Sivakumar	One Day National Workshop on Writing Scientific Research PaperPhase –VII, SSN College of Engineering on 25.01.2019	0	1000
2019	Mr.G.Sathish Kumar	One week Skill Development Programme on Application of Hydraulic and Electro Hydraulic Control System in Advanced Training Institute CTI Campus, Guindy. (03.06.201907.0 6.2019)	0	1600
2019	Mr. B. Vedachalam	One week Skill Development Programme on Application of Hydraulic and Electro Hydraulic Control System in Advanced Training Institute CTI Campus, Guindy. .(03.06.201907. 06.2019)	0	1600

2018	Dr.M.PremAnanth	International conference on Mechanical Engineering Design	0	5500
2018	Dr.S.Gopinath	Hands on Workshop on Innovative Design and Manufacture Education	0	500
2019	Mr. R. Rajkumar	One week Industrial training Programme on Thirumalai Chemicals Ltd, Ranipet, (28.05.201901.06.2019)	0	500
2019	Mr. D. Sivakumar	Faculty Induction Programme on Instrumental Method of Environmental Analysis (IMEA) 1428 May 2019,SSN COLLEGE OF ENGINEERING	0	2000
2019	Dr. S. Prabhu	TEQIP III SPONSORED FDP ON RECENT ADVANCEMENTS IN CHEMICAL, BIOLOGICAL, ENERGY AND ENVIRONMENT DURING 22ND 26TH APRIL 2019 AT CIT COIMBATORE.	0	800
2019	Mr. N. Sathish	Induction Programme on INSTRUMENTAL METHODS OF ENVIRONMENTAL ANALYSIS (IMEA) between 1428 May 2019 at Department of Chemical Engineering, SSN College of Engineering	0	2000

2019	Ruby Freya	2 week short term course on CAD using SolidWorks at Anna University	0	3000
2019	Mr.S Senthil Rajan	Two days national workshop on 5G Communication Blackchain Technology at Panimalar Institute of Technology on May 21st 22nd 2019	0	500
2018	Dr.R.Gayathri	Completed training course in Vertical Integration Course for trainers.	0	16416
2018	Ms. Srividhya	Completed training course in Vertical Integration Course for trainers.	0	16416
2018	Mrs.M.Vidya	Attended TEQIP sponsored FDP on Applied Soft computing: Theory and practice	0	2000
2018	Ms.T J Jeyaprabha	VLSI and Embedded Systems for IoT Applications	0	1500
2018	Ms.R.Kousalya	IEEE International Conference on Vision Towards Emerging Trends in Communication and Networking (ViTECoN)	0	3000
2018	Ms.B.Sarala	IEEE International Conference on Vision Towards Emerging Trends in Communication and Networking	0	3000

	2018		(ViTECoN)		
	2018	SIVAGNANA SUBRAMANIAN S P	International conference on ISMAC (IoT in Social, Mobile, Analytics and Cloud)	0	800
	2018	H. Umma Habiba	Six days FDP on Antenna Design and Measurement Techniques at SSN College of Engineering	0	500
	2018	S.RADHIKA	THREE DAYS FACULTY DEVELOPMENT PROGRAMME on Embedded Systems with Machine Learning	0	750
	2018	Ms.A.Bharathipriya	Attended DHRICMR sponsored five days workshop on Emerging trends in wearable sensors for Health care applications.	0	1500
	2018	S.Sinthamani	Vertical Integration Course for Trainers of Marine Engineering	0	15000
	2018	D.S.Purushothaman	National Workshop on "Industrial Automation using PLC SCADA"	0	950
	2018	Dr. NalinkanthV.Ghone	EPICS Annual Symposium, 1214th July 2018.	0	10000
	2018	Mr. S.Jai Ganesh	Workshop on "Technical writing and publishing with advanced computer tools: "Hands on Training", 89th	0	1500

2018		September 2018.		
2018	Dr. N. Meyyappan	AICTEISTE short term training programme on "Recent Advances in Industrial Pollution Control", 1216th November 2018, SRM Institute of Science and Technology.	0	1000
2018	Dr. C. Anand Babu	AICTEISTE short term training programme on "Recent Advances in Industrial Pollution Control", 1216th November 2018, SRM Institute of Science and Technology.	0	1000
2018	Mr. D. Sivakumar	AICTEISTE short term training programme on "Recent Advances in Industrial Pollution Control", 1216th November 2018, SRM Institute of Science and Technology.	0	1000
2018	Mr. D. Sivakumar	FDP on Recent advances in pollution Abatement" 2630th November 2018. SSN College of Engineering	0	1000
2018	Mr. N. Arun Prem Anand	FDP on Recent advances in pollution Abatement" 2630th November 2018. SSN College of Engineering	0	1000

2018	Ms. A. C. Vijaya Lakshmi	FDP on Recent advances in pollution Abatement" 2630th November 2018. SSN College of Engineering	0	1000
2018	Ms. G. Sudha	FDP on Recent advances in pollution Abatement" 2630th November 2018. SSN College of Engineering	0	1000
2018	Dr. C. Anand Babu	AICTEISTE short term training programme on "Recent Advances in Industrial Pollution Control", 1216th November 2018, SRM Institute of Science and Technology.	0	1000
2018	Mr. D. Sivakumar	AICTEISTE short term training programme on "Recent Advances in Industrial Pollution Control", 1216th November 2018, SRM Institute of Science and Technology.	0	1000
2018	Mr. D. Sivakumar	FDP on Recent advances in pollution Abatement" 2630th November 2018. SSN College of Engineering	0	1000
2018	Mr. N. Arun Prem Anand	FDP on Recent advances in pollution Abatement" 2630th November 2018. SSN	0	1000

		College of Engineering		
2018	Ms. A. C. Vijaya Lakshmi	FDP on Recent advances in pollution Abatement" 2630th November 2018. SSN College of Engineering	0	1000
2018	Ms. G. Sudha	FDP on Recent advances in pollution Abatement" 2630th November 2018. SSN College of Engineering	0	1000
2019	Mr. D. Sivakumar	One Day National Workshop on Writing Scientific Research PaperPhase -VII, SSN College of Engineering on 25.01.2019	0	1000
2019	Mr.G.Sathish Kumar	One week Skill Development Programme on Application of Hydraulic and Electro Hydraulic Control System in Advanced Training Institute CTI Campus, Guindy. (03.06.201907.06.2019)	0	1600
2019	Mr. B. Vedachalam	One week Skill Development Programme on Application of Hydraulic and Electro Hydraulic Control System in Advanced Training Institute CTI Campus, Guindy. .(03.06.201907.	0	1600

		06.2019)		
2019	Mr. R. Rajkumar	One week Industrial training Programme on Thirumalai Chemicals Ltd, Ranipet, (28.05.201901.06.2019)	0	500
2019	Mr. D. Sivakumar	Faculty Induction Programme on Instrumental Method of Environmental Analysis (IMEA) 1428 May 2019,SSN COLLEGE OF ENGINEERING	0	2000
2019	Dr. S. Prabhu	TEQIP III SPONSORED FDP ON RECENT ADVANCEMENTS IN CHEMICAL, BIOLOGICAL, ENERGY AND ENVIRONMENT DURING 22ND 26TH APRIL 2019 AT CIT COIMBATORE.	0	800
2019	Mr. N. Sathish	Induction Programme on INSTRUMENTAL METHODS OF ENVIRONMENTAL ANALYSIS (IMEA) between 1428 May 2019 at Department of Chemical Engineering, SSN College of Engineering	0	2000
2018	Mr.S Senthil Rajan	Six days FDP on Antenna Design and Measurement Techniques at SSN College of Engineering	0	500
2019	Mr.S Senthil Rajan	Two days national workshop on 5G Communication	0	500

		Blackchain Technology at Panimalar Institute of Technology on May 21st 22nd 2019		
2018	Dr.R.Gayathri	Completed training course in Vertical Integration Course for trainers.	0	16416
2018	Ms. Srividhya	Completed training course in Vertical Integration Course for trainers.	0	16416
2018	Mrs.M.Vidya	Attended TEQIP sponsored FDP on Applied Soft computing: Theory and practice	0	2000
2018	Ms.T J Jeyaprabha	VLSI and Embedded Systems for IoT Applications	0	1500
2018	Ms.R.Kousalya	IEEE International Conference on Vision Towards Emerging Trends in Communication and Networking (ViTECoN)	0	3000
2018	Ms.B.Sarala	IEEE International Conference on Vision Towards Emerging Trends in Communication and Networking (ViTECoN)	0	3000
2018	SIVAGNANA SUBRAMANIAN S P	International conference on ISMAC (IoT in Social, Mobile, Analytics and Cloud)	0	800
2018	H. Umma Habiba	Six days FDP on Antenna Design	0	500

		and Measurement Techniques at SSN College of Engineering		
2018	S.RADHIKA	THREE DAYS FACULTY DEVELOPMENT PROGRAMME on Embedded Systems with Machine Learning	0	750
2018	Ms.A.Bharathipriya	Attended DHRICMR sponsored five days workshop on Emerging trends in wearable sensors for Health care applications.	0	1500
2018	S.Sinthamani	Vertical Integration Course for Trainers of Marine Engineering	0	15000
2018	D.S.Purushothaman	National Workshop on "Industrial Automation using PLC SCADA"	0	950
2018	Dr. NalinkanthV.Ghone	EPICS Annual Symposium, 1214th July 2018.	0	10000
2018	Mr. S.Jai Ganesh	Workshop on "Technical writing and publishing with advanced computer tools: "Hands on Training", 89th September 2018.	0	1500
2018	Dr. N. Meyyappan	AICTEISTE short term training programme on "Recent Advances in Industrial Pollution Control",	0	1000

		1216th November 2018, SRM Institute of Science and Technology.			
2018	Dr.C.Senthamara ikannan	GIAN course on Artificial intelligence techniques and their applications in design and manufacturing	0		5000
2018	Dr.S.Rameshbabu	TEQIP sponsored one week short term course on Machine learning techniques in Modern Manufacturing	0		3000
2018	Dr.S.Ponnuvel	TEQIP sponsored one week short term course on Machine learning techniques in Modern Manufacturing	0		3000
2018	Dr.S.Natarajan	TEQIPIII Sponsored Short term CourseThree day Workshop on Recent trends in Electric vehicles	0		5000
			[View File](#)		

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Organized Five days FDP on Soft computing techniques and their applicatio		10/06/2019	14/06/2019	6	0

	2018	FDP onPower Electronics for Renewable Energy Systems		26/11/2018	10/12/2018	4	0
	2019	National Workshop on "A Revolutionary Technology IoT pplications in Electrical and Electronics Engineering"		03/01/2019	04/01/2019	12	0
	2019	National Workshop on "Challenges in Electric and Hybrid Vehicles		22/03/2019	23/03/2019	3	0
	2019	National Workshop on "Challenges in Electric and Hybrid Vehicles		22/03/2019	23/03/2019	3	0
	2018	Python programming		26/07/2018	27/07/2019	0	4
	2018	Two day academic leadership development program		29/08/2018	30/09/2018	1	0
	2018	Two day workshop on Leadership Excellence		21/12/2018	21/12/2018	1	0
	2018	Two day workshop on Leadership Excellence		20/12/2018	21/12/2018	1	0
	2018	Coordinate measuring machine and its ap	Coordinate measuring machine and its ap	06/12/2018	08/12/2018	23	4

	plications on geometric dimensioning toleran cing	plications on geometric dimensioni ng toleran cing				
2019	Twoday workshop on "Fundam entals of Vibration Measuremen t and analysis with exper imental approach.		08/03/2019	09/03/2019	3	0
2019	One day workshop on Instrum entation for RF mea surements		25/01/2019	25/01/2019	16	0
2019	One Day Workshop on PCB design and Fabricatio n		27/02/2019	27/02/2019	4	0
2019	One day workshop on "IoT in Communicat ion		01/04/2019	01/04/2019	3	0
2019	National level workshop on impleme ntation of Image Processing Techniques using OpenCV Research P erspective		29/04/2019	29/04/2019	3	0
2019	Organized Five days FDP on Soft computing techniques and their applicatio ns		10/06/2019	14/06/2019	6	0

2018	FDP onPower Electronics for Renewable Energy Systems		26/11/2018	10/12/2018	4	0
2019	National Workshop on "A Revolutionary Technology IoT pplications in Electrical and Electronics Engineering"		03/01/2019	04/01/2019	12	0
2019	National Workshop on "Challenges in Electric and Hybrid Vehicles		22/03/2019	23/03/2019	3	0
2018	Python programming		26/07/2018	27/07/2019	0	4
2019	National Workshop on "Ethics, Selection, Handling and Immunization of Laboratory Small Animals		07/03/2019	09/03/2019	14	0
2019	National Workshop on "Real Time PCR and Other Amplification Techniques#39		20/03/2019	20/03/2019	14	0
2018	National workshop on foldscope and application		03/12/2018	29/12/2018	14	0
2019	FDP ON STRENGTH OF		04/06/2019	12/06/2019	20	0

	Year			Start Date	End Date		
		MATERIALS					
	2018	Two day academic leadership development program		29/08/2018	30/09/2018	1	0
	2018	Two day workshop on Leadership Excellence		21/12/2018	21/12/2018	1	0
	2018	Two day workshop on Leadership Excellence		20/12/2018	21/12/2018	1	0
	2018	Coordinate measuring machine and its applications on geometric dimensioning tolerancing	Coordinate measuring machine and its applications on geometric dimensioning tolerancing	06/12/2018	08/12/2018	23	4
	2019	Twoday workshop on "Fundamentals of Vibration Measurement and analysis with experimental approach.		08/03/2019	09/03/2019	3	0
	2019	National Workshop on Challenges in electric and hybrid vehicles.		22/03/2019	23/03/2019	19	0
	2018	Workshop: One day workshop on 3D Printing 2D Plotting was delivered by Mr. E.A		24/08/2018	24/08/2018	3	0

	runkumar, ME(Ph.D), Vice President, ReTech Solutions Pvt. Ltd., Chennai. Handson session on plotting and printing was done for the students of II Year and III Year ECE. 6					
2018	Workshop: Two days workshop on "Arduino and IOT The target audience were First year ECE students 35 partici pants		20/12/2018	21/12/2018	2	0
2018	ARTIFICIAL INTELLIGEN CE USING PYTHON		30/08/2018	30/08/2018	0	0
2018	The Future of Work in the Era of Big Data and Artificial intelligen ce		20/09/2018	20/09/2019	0	0
2018	Awareness on Cyber Security		27/09/2018	27/09/2018	0	0
2018	Recent Trends in IT		17/07/2018	17/07/2018	0	0
2019	Short term Training Programme on Data Science		29/04/2019	03/05/2019	8	0

	and Machine Learning using Python					
2019	Thin film deposition, characterisation and their advanced applications		09/05/2019	10/05/2019	8	0
2018	National Workshop on Immunoinformatics for Drug and Vaccine Design		24/08/2018	25/08/2018	14	0
2019	National Workshop on "Ethics, Selection, Handling and Immunization of Laboratory Small Animals		07/03/2019	09/03/2019	14	0
2019	National Workshop on "Real Time PCR and Other Amplification Techniques#39		20/03/2019	20/03/2019	14	0
2018	National workshop on foldscope and application		03/12/2018	29/12/2018	14	0
2019	FDP ON STRENGTH OF MATERIALS		04/06/2019	12/06/2019	20	0
2019	One day workshop on Instrumentation for RF mea		25/01/2019	25/01/2019	16	0

2019	One Day Workshop on PCB design and Fabrication		27/02/2019	27/02/2019	4	0
2019	One day workshop on "IoT in Communication		01/04/2019	01/04/2019	3	0
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Neuro Linguistic Programming on "Born to Win and Shine"	2	13/12/2018	14/12/2018	2
Six day FDP on Engineering Thermodynamics, Svce	1	31/05/2018	06/06/2018	7
Recent trends and best practices followed in auto components industries, Brakes India Ltd	1	04/02/2019	06/02/2019	3
Hands on Workshop on Innovative Design and Manufacture Education, Indian Institute of Information Technology Design and Manufacturing (IIITDM), Kancheepuram	1	17/06/2019	21/06/2019	5
GIAN course on Artificial intelligence techniques and	1	11/11/2018	16/11/2018	6

their applications in design and manufacturing, NIT, Jalandhar, Punjab				
Material testing and cha racterization, NITT	1	14/12/2018	15/12/2018	2
TEQIPIII Sponsored Short term CourseThree day Workshop on Recent trends in Electric vehicles TEC,Madurai	1	06/12/2018	08/12/2018	3
Recent advances in renewable energy technologies for sustainable development, SRM Institute of Science and Technology Kattankulathur,	1	26/11/2018	30/11/2018	5
CFD with Chemical Engineering Applications, SRM Institute of Science and Technology, Kattankulathur	2	24/06/2019	28/06/2019	5
FDP on Applied Soft computing: Theory and practice	1	22/04/2019	28/04/2019	7
workshop on Emerging trends in wearable sensors for Health care applications.	1	27/05/2019	31/05/2019	5
Workshop on Demystifying Machine Learning and Artificial Intelligence	1	25/05/2019	25/05/2019	1
workshop on Smart Materials	1	06/12/2018	08/12/2018	3

Sensors and energy devices				
workshop on Academic Leadership Development	1	26/09/2018	28/09/2018	3
workshop on Blockchaining and IoT	1	15/10/2018	16/10/2018	2
Workshop on 5G Communication Block chain Technology	2	21/05/2019	22/05/2019	2
Short Term Course on Microcontroller Architectures and Handson sessions on Embedded Systems	1	17/06/2019	21/06/2019	5
Six day FDTP on CH8551Mass Transfer I	4	17/06/2019	22/06/2019	6
FDP on "Recent advances in Pollution abatement"	4	26/11/2018	30/11/2018	5
CFD with Chemical Engineering	1	24/06/2019	28/06/2019	5
QIP short term course on " Concepts in Chemical Reaction Engineering	3	10/06/2019	14/06/2019	5
FDTP on CH16701Chemical Reaction EngineeringII	2	27/05/2019	31/05/2019	5
Workshop on Antenna Design Using EDA Tools	5	07/12/2018	08/12/2018	2
Short Term Course on "Recent Trends in Multimedia Communication	1	21/03/2019	27/03/2019	7
Short Term Training programme on Data Science	5	29/04/2019	03/05/2019	5

and Machine learning using Phython				
Short term Course on VHDL Programming and Implementation in FPGA	1	17/06/2019	21/06/2019	5
Neuro Linguistic Programming Training "Born to Win and Shine"	3	13/12/2018	14/12/2018	2
workshop on Emerging trends in wearable sensors for Health care applications.	1	27/05/2019	31/05/2019	5
Workshop on Demystifying Machine Learning and Artificial Intelligence	1	25/05/2019	25/05/2019	1
workshop on Smart Materials Sensors and energy devices	1	06/12/2018	08/12/2018	3
workshop on Academic Leadership Development	1	26/09/2018	28/09/2018	3
workshop on Blockchaining and IoT	1	15/10/2018	16/10/2018	2
Workshop on 5G Communication Block chain Technology	2	21/05/2019	22/05/2019	2
Short Term Course on Microcontroller Architectures and Handson sessions on Embedded Systems	1	17/06/2019	21/06/2019	5
Six day FDTP on CH8551Mass Transfer I	4	17/06/2019	22/06/2019	6
FDP on "Recent	4	26/11/2018	30/11/2018	5

advances in Pollution abatement"				
CFD with Chemical Engineering	1	24/06/2019	28/06/2019	5
DSTSERB sponsored national level STP on biofuels and fuel cell: fundementals and applications	1	03/12/2018	09/12/2018	7
Short term training Programme on " Recent advances in Industrial Pollution control"	3	12/11/2018	16/11/2018	5
Short term course on Sustainable Engineering: Theory and Practice	1	03/07/2018	07/07/2018	5
One day national workshop on " Writing Scientific research paper Phase VII"	1	25/01/2019	25/01/2019	1
TEQIP III Sponsored FDP on Recent Advancements in Chemical, Biological, Energy and Environment	2	26/04/2019	26/04/2019	1
Faculty Induction Programme on Instrumental methods of environmental analysis (imea)	1	14/05/2019	25/05/2019	12
FDP on "Engineering Thermodynamics"	1	31/05/2019	06/06/2019	7
FDP on Chemical Reaction	1	27/05/2019	31/05/2019	5

Engineering				
.SHORT TERM TRAINING PROGRAM ON COMPUTER AIDED DESIGN AND ANALYSIS OF STRUCTURE USING FINITE ELEMENT METHOD	5	17/06/2019	22/06/2019	6
Teachers' Enrichment Workshop for mathematics teachers of Engineering Colleges,IMSc, Chennai	3	26/11/2018	01/12/2018	6
FDP, TLC Centre, IIT Madras	1	13/11/2018	15/11/2018	3
FDP on Vehicle Dynamics Using MATLAB, SVCE	4	27/11/2018	01/12/2018	5
Anna University sponsored FDP on MT6602 – Applied Hydraulics Pneumatics, REC, Thandalam	2	29/11/2018	12/12/2018	14
Two week FDP on ME6603 Finite Element Analysis, RMK Engg. College, Kavaraipettai	2	03/12/2018	15/12/2018	13
Six day FDP on Engineering Thermodynamics, Svce	1	31/05/2018	06/06/2018	7
Three Days Workshop On Recent Trends In Vehicle Dynamics NVH Control, PIT, Nazerathpet.	2	26/11/2018	28/11/2018	3
One Day workshop on "Art Of Writing Funding Proposals And Research	1	11/07/2018	11/07/2018	1

Articles", KEC, Irungattukottai.				
FDP ON ENTREPRE NEURSHIP	1	10/06/2019	15/06/2019	6
FDP ON RECENT TRENDS IN BIM	1	04/01/2019	04/01/2019	1
SHORT TERM COURSE on CAD USING SOLID WORKS	1	14/12/2018	24/12/2018	10
Natural Hazards Part1 (AICTE approved FDP) IN NPTEL	6	01/03/2019	31/03/2019	89
Subsurface exploration importance and techniques involved (AICTE approved FDP) IN NPTEL	1	01/01/2019	31/03/2019	89
Short Term Course on "NMR Spectroscopy for Pharma and Biotech Research" organized by CE QIP, IIT Bombay.	3	20/05/2019	24/05/2019	5
Students guidance and counselling, Teaching Learning Centre, Coimbatore Institute of Technology	1	07/03/2019	08/03/2019	2
International workshop on Digital manufacturing towards industry 4.0, ASME, VIT University, Vellore	1	30/03/2019	30/03/2019	1
Role of IQAC in improving Academic administrative audit (AAA) on	1	29/04/2019	29/04/2019	1

29/4/2019, RMK Engineering College				
Lean Lead Workshop on Incubation Management, IITM Incubation cell, IIT Madras Research Park	1	01/03/2019	01/03/2019	1
Third National Conference on Emerging Trends in Mathematical Sciences NCETMS 2018,S.A. Engg. College, Chennai	3	20/12/2018	20/12/2018	1
National Workshop on Research scopes in fluid mechanics and heat transfer, Saveetha School of Engineering, Chennai	2	19/11/2018	19/11/2018	1
International Workshop on Graph Theory and its applica tions,SCSVMV, Kanchipuram	1	20/12/2018	20/12/2018	1
FDP on "Algebra and Number Theory" at Rajalakshmi Institute of Technology, Chennai	6	12/06/2019	12/06/2019	1
3Days workshop on "Algebra and Number Theory" at Easwari Engineering College, Chennai	2	20/06/2019	22/06/2019	3
Workshop on Linear Algebra 2019" at SSN College of Engineering, Kalavakkam	2	21/06/2019	22/06/2019	2

one day workshop on "Graph Structures and Algorithms" at VIT, Chennai	4	03/05/2019	03/05/2019	1
Vertical Integrated Course for Trainers", Maritime Foundation, DG Shipping, Chennai	1	15/04/2019	26/04/2019	12
Data Analysis and Decision MakingII,NPTEL Online Courses (AICTE approved equivalent to FDP)	1	01/01/2019	30/04/2019	96
FDP on Deep Learning	1	27/05/2019	29/05/2019	3
FDP on Soft computing techniques and their applications	6	10/06/2019	14/06/2019	5
FDP on Embedded Systems and Machine Learning	1	10/04/2018	12/04/2019	3
AICTENPTEL FDP ON Microprocessor and Micro controller (NPTELOnline)	1	01/01/2019	30/04/2019	120
NPTELAICTE faculty development programme on computer organisation and architectureA pedagogical aspect (NPTELOnline).	1	01/01/2019	30/04/2019	120
FDP course on Remote sensing and digital Image processing of	1	01/08/2018	30/09/2018	61

satellite data organized by NP TELAICTE(NPTELO nline)				
FDP on Power Electronics for Renewable Energy Systems	4	26/11/2018	10/12/2018	15
FDP on Electrical Machines II	1	03/12/2018	18/12/2018	16
Modeling and control of High Efficiency Electric and Hybrid vehicles and The future vehicle fleet in 2030	4	10/06/2019	23/06/2019	14
Data Science and Exploratory Data Analysis with R and Python"	1	07/06/2019	20/06/2019	14
DSTSERB Short Term Training Programme on Biofuels and Fuel Cell Fundamentals and Applications, Annamalai University, Chidambram	1	03/12/2018	09/12/2019	7
Workshop on PKI Creating a Trusted Environment	1	22/01/2019	23/01/2019	2
IP Management of academic and research institute, IIT Kharagpur, Rajiv Gandhi School of Intellectual Property law, Indian Institute of Technology, Kharagpur	1	04/03/2019	10/03/2019	7
Design and Analysis of Mechanical	1	10/06/2019	15/06/2019	6

Systems, NITT				
Quantitative techniques for optimization in Mechanical Engineering -AICTEQIP, Pondicherry Engineering College, Puducherry, 605014	1	25/02/2019	02/03/2019	6
Leadership Training, SVCE	4	20/12/2018	21/12/2018	2
QIP short term course on " Concepts in Chemical Reaction Engineering	3	10/06/2019	14/06/2019	5
FDTP on CH16701Chemical Reaction EngineeringII	2	27/05/2019	31/05/2019	5
" Learn and Explore MedTech"	1	14/09/2018	15/09/2018	2
DSTSERB sponsored national level STP on biofuels and fuel cell: fundementals and applications	1	03/12/2018	09/12/2018	7
Short term training Programme on " Recent advances in Industrial Pollution control"	3	12/11/2018	16/11/2018	5
Short term course on Sustainable Engineering: Theory and Practice	1	03/07/2018	07/07/2018	5
Financial Mathematics, NPTEL Online Courses (AICTE approved equivalent to	1	01/01/2019	30/04/2019	96

FDP)				
Industrial Training in PantechProlabs India Pvt Ltd.	1	29/05/2019	29/05/2019	1
Introductory Mathematical Methods for Biologists, NPTEL Online Courses (AICTE approved equivalent to FDP)	1	01/02/2019	30/04/2019	56
Data Analytics for Engineers, Dept. of Mechanical Engineering, SVCE(Resource Person)	1	21/02/2019	22/02/2019	2
two days workshop on Leadership Excellence at SVCE,	1	20/12/2018	21/12/2018	2
E MeitY, Govt. of India sponsored six days Intensive FDP on High Performance Computing of Computational Fluid Dynamic Problems ICT Academy, NIT, Warangal	1	24/12/2018	29/12/2018	6
Guest Lecture on "Applications of Laplace Transforms" , S A Engineering College, Chennai(Invited Speaker)	1	11/01/2018	11/01/2018	1
Neuro Linguistic Programming (NLP) Training, SVCE	2	13/12/2018	14/12/2018	2
Lean Lead Workshop on Incubation	1	01/03/2019	01/03/2019	1

Management, IITM Incubation cell, IIT Madras Research Park				
Application of IOT and AI in welding Technology in Indian railways, The Institution of Engineers (Inia), Tamilnadu State Centre, Chennai	1	10/07/2019	10/07/2019	1
Digital Manufacturing, Cognizant facility, Volery Hall, SDB2, Ground Floor, Shollinganallur SEZ	1	17/11/2018	17/11/2018	1
Training on VMC Programming, Micromatic Machine tools Pvt Ltd	3	19/12/2018	21/12/2018	3
Recent trends and best practices followed in auto components industries, Brakes India Ltd	1	04/02/2019	06/02/2019	3
Vertical Integration Course for Trainers	1	15/04/2019	26/04/2019	12
Six day FDP on Strength of Materials, SVCE	1	04/06/2019	12/06/2019	9
DSTSERB Short Term Training Programme on Biofuels and Fuel Cell Fundamentals and Applications, Annamalai University,	1	03/12/2018	09/12/2019	7

Chidambram				
Workshop on PKI Creating a Trusted Environment	1	22/01/2019	23/01/2019	2
IP Management of academic and research institute, IIT Kharagpur, Rajiv Gandhi School of Intellectual Property law, Indian Institute of Technology, Kharagpur	1	04/03/2019	10/03/2019	7
Leadership training program	6	20/12/2018	21/12/2018	2
Design and Analysis of Mechanical Systems, NITT	1	10/06/2019	15/06/2019	6
Quantitative techniques for optimization in Mechanical Engineering –AICTEQIP, Pondicherry Engineering College, Puducherry, 605014	1	25/02/2019	02/03/2019	6
Leadership Training, SVCE	4	20/12/2018	21/12/2018	2
Hands on Workshop on Innovative Design and Manufacture Education, Indian Institute of Information Technology Design AND Manufacturing (IIITDM), Kancheepuram	2	17/06/2019	21/06/2019	5
Avenues in Composite Materials	1	06/06/2019	08/06/2019	2

Processing and Characterisation, REC, Thandalam				
Twoday workshop on "Fundamentals of Vibration Measurement and analysis with experimental approach.	2	08/03/2019	09/03/2019	2
Coordinate Measuring machine and its applications on Geometric dimensioning and tolerance, SVCE	5	06/12/2018	08/12/2018	2
National level workshop on Materials Chara cterization techniques SRM Institute of Science and Technology, Vadapalani Campus	1	10/12/2018	11/12/2018	2
Introduction to smart materials with energy harvesting applications, IIT Madras	1	02/09/2018	06/09/2018	5
Hands on Workshop on Innovative Design and Manufacture Education, Indian Institute of Information Technology Design and Manufacturing (IIITDM), Kancheepuram	1	17/06/2019	21/06/2019	5
FDP on Design of Renewable Energy systems	2	22/03/2019	22/03/2019	1
FDTP on EE8501Power	2	27/05/2019	31/05/2019	5

System Analysis				
FDP on "Entrepreneurship"	1	10/06/2019	15/06/2019	6
FDP on "Soft Computing Techniques and its Applications"	1	10/06/2019	14/06/2019	5
Renewable Energy Resources Integrated Smart Power Grid Scenarios and control aspects using HVDC and FACTS controllers	14	16/07/2018	21/07/2018	6
WILEY AUTHOR WORKSHOP	1	19/11/2018	19/11/2018	1
Short Term Course on "Recent Trends in Multimedia Communication	1	21/03/2019	27/03/2019	7
STTP on Embedded System Based Smart farming with less water and fertilizers via IoT Technologies	4	10/06/2019	15/06/2019	6
Training course in Vertical Integration Course for trainers.	1	29/01/2019	08/02/2019	11
STTP on Transition from Machine Learning Deep learning: Text, Image and Speech Processing	4	12/11/2018	17/11/2018	6
Faculty Development and Training Program on Vehicle Design Data Characteristics.	1	01/06/2018	08/06/2018	8

STTP on Embedded System Based Smart farming with less water and fertilizers via IoT Technologies	4	10/06/2019	15/06/2019	6
Training course in Vertical Integration Course for trainers.	1	29/01/2019	08/02/2019	11
STTP on Transition from Machine Learning Deep learning: Text, Image and Speech Processing	4	12/11/2018	17/11/2018	6
Training course in Vertical Integration Course for trainers.	1	15/04/2019	26/04/2019	12
Industrial Training in PantechProlabs India Pvt Ltd.	1	23/05/2019	24/05/2019	2
Industrial Training in PantechProlabs India Pvt Ltd.	1	27/05/2019	27/05/2019	1
Leadership training program	6	20/12/2018	21/12/2018	2
workshop on Academic Research Summit 2019 on Data Science and AI.	4	24/01/2019	25/01/2019	2
TEQIPIII Sponsored Short term CourseThree day Workshop on Recent trends in Electric vehicles TEC,Madurai	1	06/12/2018	08/12/2018	3
workshop on Academic Research Summit	4	24/01/2019	25/01/2019	2

2019 on Data Science and AI.				
Six day FDP on Strength of Materials, SVCE	1	04/06/2019	12/06/2019	9
Manufacturing Process and Design of Thermostat, Western Thomson (India) Limited1	1	07/05/2019	10/05/2019	4
Short Term Training programme on Data Science and Machine learning using Phython	5	29/04/2019	03/05/2019	5
Short term Course on VHDL Programming and Implementation in FPGA	1	17/06/2019	21/06/2019	5
workshop on Emerging trends in wearable sensors for Health care applications.	1	27/05/2019	31/05/2019	5
Workshop on Demystifying Machine Learning and Artificial Intelligence	1	25/05/2019	25/05/2019	1
workshop on Smart Materials Sensors and energy devices	1	06/12/2018	08/12/2018	3
Training on Production planning Inventory control, Minifab Enterprises Pvt.Ltd	2	11/12/2018	15/12/2018	5
Manufacturing Process and Design of Thermostat, Western Thomson (India)	1	07/05/2019	10/05/2019	4

Limited1				
Industrial Training, Delphi TVS Technologies	2	20/05/2019	24/05/2019	5
FDP conducted by Centre for social Innovation and Entrepreneurship at IIT,Madras	1	10/06/2019	15/06/2019	6
FDP on Antenna Design and Measurement Techniques	4	10/12/2018	15/12/2018	6
FDTP on Cognitive Radio	3	06/05/2019	11/05/2019	6
FDP on Applied Soft computing: Theory and practice	1	22/04/2019	28/04/2019	7
Training course in Vertical Integration Course for trainers.	1	15/04/2019	26/04/2019	12
Industrial Training in PantechProlabs India Pvt Ltd.	1	23/05/2019	29/05/2019	5
workshop on Academic Research Summit 2019 on Data Science and AI.	4	24/01/2019	25/01/2019	2
Workshop on PKI Creating a Trusted Environment	1	22/01/2019	23/01/2019	2
Short Term Training programme on Data Science and Machine learning using Phython	5	29/04/2019	03/05/2019	5
Short term Course on VHDL Programming and Implementation in FPGA	1	17/06/2019	21/06/2019	5
workshop on Emerging trends	1	27/05/2019	31/05/2019	5

in wearable sensors for Health care applications.				
Workshop on Demystifying Machine Learning and Artificial Intelligence	1	25/05/2019	25/05/2019	1
workshop on Smart Materials Sensors and energy devices	1	06/12/2018	08/12/2018	3
Neuro Linguistic Programming (NLP) Training, SVCE	2	13/12/2018	14/12/2018	2
Recent Developments in Metal Forming and its Research Aspects, SRM University	1	29/11/2018	30/11/2018	2
Challenges in Electric and Hybrid vehicles, SVCE	1	22/03/2019	23/03/2019	2
Students guidance and counselling, Teaching Learning Centre, Coimbatore Institute of Technology	1	07/03/2019	08/03/2019	2
" Learn and Explore MedTech"	1	14/09/2018	15/09/2018	2
International workshop on Digital manufacturing towards industry 4.0, ASME, VIT University, Vellore	1	30/03/2019	30/03/2019	1
Role of IQAC in improving Academic	1	29/04/2019	29/04/2019	1

administrative audit (AAA) on 29/4/2019, RMK Engineering College				
Lean Lead Workshop on Incubation Management, IITM Incubation cell, IIT Madras Research Park	1	01/03/2019	01/03/2019	1
Training on VMC Programming, Micromatic Machine tools Pvt Ltd	3	19/12/2018	21/12/2018	3
Application of IOT and AI in welding Technology in Indian railways, The Institution of Engineers (Inia), Tamilnadu State Centre, Chennai	1	10/07/2019	10/07/2019	1
Digital Manufacturing, Cognizant facility, Volery Hall, SDB2, Ground Floor, Shollinganallur SEZ	1	17/11/2018	17/11/2018	1
Training on VMC Programming, Micromatic Machine tools Pvt Ltd	3	19/12/2018	21/12/2018	3
Training on Production planning Inventory control, Minifab Enterprises Pvt.Ltd	2	11/12/2018	15/12/2018	5
Recent trends and best practices followed in	1	04/02/2019	06/02/2019	3

auto components industries, Brakes India Ltd				
Manufacturing Process and Design of Thermostat, Western Thomson (India) Limited	1	07/05/2019	10/05/2019	4
Industrial Training, Delphi TVS Technologies	2	20/05/2019	24/05/2019	5
FACULTY REFRESHER PROGRAM 201819	41	26/06/2018	27/06/2018	2
Faculty Development and Training Program on Engineering Graphics	2	26/07/2018	28/07/2018	3
CADD Aspire Programme Conducted CAAD Centre.	1	24/08/2018	24/08/2018	1
DC Microgrids –opportunities and challenges	1	15/12/2018	15/12/2018	1
Two day Leadership training Programme.	3	20/12/2018	21/12/2018	2
Recent Developments in Metal Forming and its Research Aspects, SRM University	1	29/11/2018	30/11/2018	2
Challenges in Electric and Hybrid vehicles, SVCE	1	22/03/2019	23/03/2019	2
Workshop on Instrumentation for RF Measurements	19	25/01/2019	25/01/2019	1
National conference titled Third National Finite	3	14/12/2018	14/12/2018	1

Element Developers Meet 2018 (NAFED 2018) organised by Vikram Sarabhai Space research organisation				
Workshop on 3DPrinting Technology	3	24/08/2018	24/08/2018	1
Workshop on PCB Design and Fabrication	4	27/02/2019	27/02/2019	1
Workshop on IoT in Communication	3	01/04/2019	01/04/2019	1
Seminar on Academic and Research Day	2	04/12/2018	04/12/2018	1
Seminar on Urkund:plagiarism Detection services2	2	03/04/2019	03/04/2019	1
FDP course on Switching Circuits and logic Design organized by NPTELAICTE (NPTELOnline)	1	01/07/2018	31/10/2018	123
NPTELAICTE FDP Course Embedded System Design with ARM (NPTELOnline)	1	01/01/2019	31/03/2019	90
AICTENPTELFDP on Cloud Computing (NPTELOnline)	1	01/02/2019	30/04/2019	89
AICTENPTEL FDP ON Fuzzy logic and Neural Networks (NPTELOnline)	3	01/01/2019	30/04/2019	120
Training program on Data Aquisition and the IoT	1	10/12/2018	14/12/2018	5
Short term training programme on "VLSI and	1	30/10/2018	03/11/2018	5

Embedded Systems for IoT Applications(STTP 2018)"				
Workshop on Hardware Security ,SETS Chennai	1	26/01/2019	26/01/2019	1
workshop on "Implementation of Image Processing Techniques using OpenCV Research Perspective	3	29/04/2019	29/04/2019	1
Seminar on Terminal antenna Design for future wireless	1	02/11/2018	02/11/2018	1
Workshop on Instrumentation for RF Measurements	19	25/01/2019	25/01/2019	1
Data Analysis and Decision MakingI,NPTEL Online Courses (AICTE approved equivalent to FDP)	1	01/07/2018	31/10/2018	96
National conference titled Third National Finite Element Developers Meet 2018 (NAFED 2018) organised by Vikram Sarabhai Space research organisation	3	14/12/2018	14/12/2018	1
Workshop on 3DPrinting Technology	3	24/08/2018	24/08/2018	1
Workshop on PCB Design and Fabrication	4	27/02/2019	27/02/2019	1
Workshop on IoT in Communication	3	01/04/2019	01/04/2019	1

Seminar on Academic and Research Day	2	04/12/2018	04/12/2018	1
Seminar on Urkund:plagiarism Detection services2	2	03/04/2019	03/04/2019	1
FDP course on Switching Circuits and logic Design organized by NPTELAICTE (NPTELOnline)	1	01/07/2018	31/10/2018	123
NPTELAICTE FDP Course Embedded System Design with ARM (NPTELOnline)	1	01/01/2019	31/03/2019	90
AICTENPTELFDP on Cloud Computing (NPTELOnline)	1	01/02/2019	30/04/2019	89
AICTENPTEL FDP ON Fuzzy logic and Neural Networks (NPTELOnline)	3	01/01/2019	30/04/2019	120
Industrial Training, Delphi TVS Technologies	2	20/05/2019	24/05/2019	5
NPTEL course on Digital Image processing which is approved for Faculty Development Programme (FDP) by AICTE (NPTELOnline).	4	01/07/2018	31/10/2018	123
AICTENPTEL FDP ON CRYPTOGRAPHY AND NETWORK SECURITY (NPTELOnline)	2	01/01/2019	30/04/2019	120
Training on VMC Programming, Micromatic Machine tools Pvt Ltd	3	19/12/2018	21/12/2018	3
Training on	2	11/12/2018	15/12/2018	5

Production planning Inventory control, Minifab Enterprises Pvt.Ltd				
FACULTY REFRESHER PROGRAM 201819	41	26/06/2018	27/06/2018	2
Recent trends and best practices followed in auto components industries, Brakes India Ltd	1	04/02/2019	06/02/2019	3
Manufacturing Process and Design of Thermostat, Western Thomson (India) Limited	1	07/05/2019	10/05/2019	4
Industrial Training, Delphi TVS Technologies	2	20/05/2019	24/05/2019	5
FACULTY REFRESHER PROGRAM 201819	41	26/06/2018	27/06/2018	2
Faculty Development and Training Program on Engineering Graphics	2	26/07/2018	28/07/2018	3
Faculty Induction Program on " Instrumental methods of Environmental analysis (IMEA)"	1	14/05/2019	28/05/2019	15
Seminar on Data Analytics ,Automated Driving and System Level Simulation using MATLAB/SIMULINK	3	14/12/2018	14/12/2018	1
National	12	03/01/2019	04/01/2019	2

workshop on "A Revolutionary Technology – IoT Applications in EEE"				
National Workshop on "Challenges in Electric and Hybrid Vehicles"	2	22/03/2019	23/03/2019	2
International Workshop on "Crystalline Materials and c haracterization	3	03/01/2019	26/04/2019	3
National workshop on "Modern Power Converters for Renewable Energy"	2	24/01/2019	25/01/2019	2
workshop on "Analog Development kit"	1	03/05/2019	03/05/2019	1
National Workshop on "Industrial Automation using PLC SCADA"	1	14/02/2019	15/02/2019	2
Awareness Workshop on IPR2019	2	26/04/2019	26/04/2019	1
Training Programme on "U RKUND:Plagiaris m Detection Service"	1	03/04/2019	03/04/2019	1
National Workshop on Research Methodology	1	15/03/2019	16/03/2019	2
workshop on Des ign,optimisatio n and analysis of Electrical Machines.	3	08/05/2019	10/05/2019	3
International symposium om "Smart Computing"	1	25/07/2018	25/07/2018	1

short term training Programme on "Data Science and Machine Learning using Python"	2	29/04/2019	03/05/2019	5
Knowledge Enhancement Programme on "Power system Protection Relays and Substation Automation"	2	13/05/2019	14/09/2019	2
STC on "Solar Energy Systems	2	01/07/2019	05/07/2019	5
STC on "Advanced Topics in Power System Protection"	2	27/05/2019	31/05/2019	5
STTP on "Design and Development of Power Electronic Converters in Renewable Energy Conversion"	1	21/06/2019	27/06/2019	7
workshop on "Emerging Trends in Wearable sensors for Healthcare Applications"	1	27/05/2019	31/05/2019	5
short term training Programme on "Data Science and Machine Learning using Python	1	29/04/2019	03/05/2019	5
Application of IOT and AI in welding Technology in Indian railways, The Institution of Engineers (Inia), Tamilnadu State Centre, Chennai	1	10/07/2019	10/07/2019	1

Digital Manufacturing, Cognizant facility, Volery Hall, SDB2, Ground Floor, Shollinganallur SEZ	1	17/11/2018	17/11/2018	1
International Conference on Mathematical Computer Engineering (ICMCE 2018), VIT University, Chennai(Chaired Session)	1	23/11/2018	24/11/2018	2
FDP on Antenna Design and Measurement Techniques	4	10/12/2018	15/12/2018	6
Biostatistics and Design of Experiments,NPTEL Online Courses (AICTE approved equivalent to FDP)	1	01/08/2018	31/10/2018	56
Six day FDP on Strength of Materials	2	04/06/2019	12/06/2019	9
workshop on Changing times and Pedagogy Preparedness (Undertaking the industrial need), Federation of Indian Chambers of Commerce Industry, Tamil Nadu State Council at SVCE	3	08/09/2018	08/09/2018	1
workshop on COMSOL simulation	1	20/03/2019	20/03/2019	1
Short term Training Programme on Data Science and Machine Learning using	10	29/04/2019	03/05/2019	5

Python				
Introduction to Python Programming	3	29/10/2018	30/10/2018	2
FDP on Internet of Things	2	26/06/2019	28/06/2019	3
FDP on Algebra and Number theory	2	12/06/2019	12/06/2019	1
FDP on Soft Computing and their Applications :	1	10/06/2019	14/06/2019	5
Implementation of Image Processing Techniques using Open CV Research Persective	2	29/04/2019	29/04/2019	1
Introduction to Python Programming	3	29/10/2018	30/10/2018	2
FDP on Internet of Things	2	26/06/2019	28/06/2019	3
FDP on Algebra and Number theory	2	12/06/2019	12/06/2019	1
FDP on Soft Computing and their Applications :	1	10/06/2019	14/06/2019	5
Implementation of Image Processing Techniques using Open CV Research Persective	2	29/04/2019	29/04/2019	1
FDP on Antenna Design and Measurement Techniques	4	10/12/2018	15/12/2018	6
FDTP on Cognitive Radio	3	06/05/2019	11/05/2019	6
FDP on Applied Soft computing: Theory and practice	1	22/04/2019	28/04/2019	7
FDP on Deep Learning	1	27/05/2019	29/05/2019	3

FDP on Soft computing techniques and their applications	6	10/06/2019	14/06/2019	5
FDP on Embedded Systems and Machine Learning	1	10/04/2018	12/04/2019	3
FDP on Telehealth Technology	1	13/05/2019	18/05/2019	6
FDP on Reference management Knowledge organization for Journal writing (online)	1	10/12/2018	14/12/2018	5
Faculty Development Program on Analog Discovery KitHands on Approach	2	03/05/2019	03/05/2019	1
Workshop on Antenna Design Using EDA Tools	5	07/12/2018	08/12/2018	2
Short Term Course on "Recent Trends in Multimedia Communication	1	21/03/2019	27/03/2019	7
STTP on Embedded System Based Smart farming with less water and fertilizers via IoT Technologies	4	10/06/2019	15/06/2019	6
Training course in Vertical Integration Course for trainers.	1	29/01/2019	08/02/2019	11
STTP on Transition from Machine Learning Deep learning: Text, Image and	4	12/11/2018	17/11/2018	6

Speech Processing				
Faculty Development and Training Program on Vehicle Design Data Characteristics.	1	01/06/2018	08/06/2018	8
STTP on Embedded System Based Smart farming with less water and fertilizers via IoT Technologies	4	10/06/2019	15/06/2019	6
Training course in Vertical Integration Course for trainers.	1	29/01/2019	08/02/2019	11
STTP on Transition from Machine Learning Deep learning: Text, Image and Speech Processing	4	12/11/2018	17/11/2018	6
Training course in Vertical Integration Course for trainers.	1	15/04/2019	26/04/2019	12
Industrial Training in PantechProlabs India Pvt Ltd.	1	23/05/2019	24/05/2019	2
Industrial Training in PantechProlabs India Pvt Ltd.	1	27/05/2019	27/05/2019	1
Industrial Training in PantechProlabs India Pvt Ltd.	1	29/05/2019	29/05/2019	1
Leadership training program	6	20/12/2018	21/12/2018	2
FDP on Telehealth Technology	1	13/05/2019	18/05/2019	6

FDP on Reference management Knowledge organization for Journal writing (online)	1	10/12/2018	14/12/2018	5
Faculty Development Program on Analog Discovery KitHands on Approach	2	03/05/2019	03/05/2019	1
Workshop on Antenna Design Using EDA Tools	5	07/12/2018	08/12/2018	2
AICTE QIP Sponsored One Week Short Term Course on "Content Delivery and Assessment Methods for CS/IT Curriculum	2	11/02/2019	17/02/2019	7
Faculty Induction Program on " Instrumental methods of Environmental analysis (IMEA)"	1	14/05/2019	28/05/2019	15
PALS FDP on Active and Cooperative Learning	1	13/11/2018	15/11/2018	3
Faculty Development Training Programmeon ME 6602 – Automobile Engineering	2	26/11/2018	07/12/2018	12
Faculty Development Program on "Vehicle Dynamics using MATLAB "	7	27/11/2018	01/12/2018	5
Faculty	7	31/05/2019	06/06/2019	7

Development Programme (FDP) on Engineering Thermodynamics				
Anna University sponsored FDP on MT6602 – Applied Hydraulics Pneumatics	2	29/11/2018	12/12/2018	13
AICTE ISTE sponsored Induction / Refresher Programme "Energy Conservation and Energy Audit"	1	26/11/2018	01/12/2018	6
Faculty Development Programme (FDP) on Engineering Thermodynamics	3	31/05/2019	06/06/2019	7
Neuro Linguistic Programming Training "Born to Win and Shine"	3	13/12/2018	14/12/2018	2
TEQIP sponsored one week short term course on Machine learning techniques in Modern Manufacturing, Thiagaraja college of Engineering, Madurai	2	10/12/2018	16/12/2018	7
One week Faculty empowerment program on teaching, learning and assessment with MOOCs Open resources: Hands on Approach, Teaching Learning Centre,	2	16/03/2019	22/03/2019	7

Coimbatore Institute of Technology				
DST PURSE Phase II sponsored Advance in Digital Additive Manufacturing (ADAM), Annamalai University	1	04/01/2019	05/01/2019	2
Transition from Machine Learning, SVCE	1	12/11/2018	17/11/2018	6
Anna University sponsored FDP on MT6602 – Applied Hydraulics Pneumatics, REC, Thandalam	2	29/11/2018	12/12/2018	14
Two week FDP on ME6603 Finite Element Analysis, RMK Engg. College, Kavaraipettai	2	03/12/2018	15/12/2018	13
FDP on Reference management Knowledge organization for Journal writing (online)	1	10/12/2018	14/12/2018	6
FDTP on Cognitive Radio	3	06/05/2019	11/05/2019	6
Faculty Development Program on Analog Discovery KitHands on Approach	2	03/05/2019	03/05/2019	1
FDP on Teaching Pedagogy at teaching learning center, IITM	1	13/11/2018	15/11/2018	3
PALS FDP Program, Brakes India Limited	1	04/02/2019	06/02/2019	3

FACULTY REFRESHER PROGRAM 201819	41	26/06/2018	27/06/2018	2
FDP conducted by Centre for social Innovation and Entrepreneurship at IIT,Madras	1	10/06/2019	15/06/2019	6
FDP on Antenna Design and Measurement Techniques	4	10/12/2018	15/12/2018	6
FDTP on Cognitive Radio	3	06/05/2019	11/05/2019	6
FDP on Applied Soft computing: Theory and practice	1	22/04/2019	28/04/2019	7
FDP on Deep Learning	1	27/05/2019	29/05/2019	3
FDP on Soft computing techniques and their applications	6	10/06/2019	14/06/2019	5
FDP on Embedded Systems and Machine Learning	1	10/04/2019	12/04/2019	3
FDP on Telehealth Technology	1	13/05/2019	18/05/2019	6
FDP on Reference management Knowledge organization for Journal writing (online)	1	10/12/2018	14/12/2018	6
Faculty Development Program on Analog Discovery KitHands on Approach	2	03/05/2019	03/05/2019	1
Workshop on Antenna Design Using EDA Tools	5	07/12/2018	08/12/2018	2
Short Term Course on	1	21/03/2019	27/03/2019	7

"Recent Trends in Multimedia Communication				
Short Term Training programme on Data Science and Machine learning using Phython	5	29/04/2019	03/05/2019	5
Short term Course on VHDL Programming and Implementation in FPGA	1	17/06/2019	21/06/2019	5
Neuro Linguistic Programming Training "Born to Win and Shine"	3	13/12/2018	14/12/2018	2
International symposium om "Smart Computing"	1	25/07/2018	25/07/2018	1
short term training Programme on "Data Science and Machine Learning using Python"	2	29/04/2019	03/05/2019	5
Knowledge Enhancement Programme on "Power system Protection Relays and Substation Automation"	2	13/05/2019	14/09/2019	2
STC on "Solar Energy Systems	2	01/07/2019	05/07/2019	5
STC on "Advanced Topics in Power System Protection"	2	27/05/2019	31/05/2019	5
STTP on "Design and Development of Power Electronic Converters in Renewable Energy	1	21/06/2019	27/06/2019	7

Conversion"				
workshop on "Emerging Trends in Wearable sensors for Healthcare Applications"	1	27/05/2019	31/05/2019	5
short term training Programme on "Data Science and Machine Learning using Python	1	29/04/2019	03/05/2019	5
workshop on COMSOL simulation	1	20/03/2019	20/03/2019	1
Short term Training Programme on Data Science and Machine Learning using Python	10	29/04/2019	03/05/2019	5
AICTE QIP Sponsored One Week Short Term Course on "Content Delivery and Assessment Methods for CS/IT Curriculum	2	11/02/2019	17/02/2019	7
Empowering Teachers in 21st Century skills Education, NITT	1	29/04/2019	03/05/2019	5
PALS FDP on Active and Cooperative Learning	1	13/11/2018	15/11/2018	3
Hands on Workshop on Innovative Design and Manufacture Education, Indian Institute of Information Technology Design AND	2	17/06/2019	21/06/2019	5

Manufacturing (IIITDM), Kancheepuram				
Avenues in Composite Materials Processing and Characterisation, REC, Thandalam	1	06/06/2019	08/06/2019	2
Twoday workshop on "Fundamentals of Vibration Measurement and analysis with experimental approach.	2	08/03/2019	09/03/2019	2
Coordinate Measuring machine and its applications on Geometric dimensioning and tolerance, SVCE	5	06/12/2018	08/12/2018	2
National level workshop on Materials Characterization techniques SRM Institute of Science and Technology, Vadapalani Campus	1	10/12/2018	11/12/2018	2
Introduction to smart materials with energy harvesting applications, IIT Madras	1	02/09/2018	06/09/2018	5
GIAN course on Artificial intelligence techniques and their applications in design and manufacturing, NIT, Jalandhar, Punjab	1	11/11/2018	16/11/2018	6
Material testing and characterization,	1	14/12/2018	15/12/2018	2

NITT				
CADD Aspire Programme Conducted CAAD Centre.	1	24/08/2018	24/08/2018	1
Neuro Linguistic Programming on "Born to Win and Shine"	2	13/12/2018	14/12/2018	2
DC Microgrids -opportunities and challenges	1	15/12/2018	15/12/2018	1
Two day Leadership training Programme.	3	20/12/2018	21/12/2018	2
Seminar on Data Analytics ,Automated Driving and System Level Simulation using MATLAB/SIMULINK	3	14/12/2018	14/12/2018	1
National workshop on "A Revolutionary Technology – IoT Applications in EEE"	12	03/01/2019	04/01/2019	2
National Workshop on "Challenges in Electric and Hybrid Vehicles"	2	22/03/2019	23/03/2019	2
International Workshop on "Crystalline Materials and c haracterization	3	03/01/2019	26/04/2019	3
National workshop on "Modern Power Converters for Renewable Energy"	2	24/01/2019	25/01/2019	2
workshop on "Analog Development kit"	1	03/05/2019	03/05/2019	1

National Workshop on "Industrial Automation using PLC SCADA"	1	14/02/2019	15/02/2019	2
Awareness Workshop on IPR2019	2	26/04/2019	26/04/2019	1
Training Programme on "URKUND:Plagiarism Detection Service"	1	03/04/2019	03/04/2019	1
National Workshop on Research Methodology	1	15/03/2019	16/03/2019	2
workshop on Design,optimisation and analysis of Electrical Machines.	3	08/05/2019	10/05/2019	3
Faculty Development Training Programmeon ME 6602 – Automobile Engineering	2	26/11/2018	07/12/2018	12
Faculty Development Program on "Vehicle Dynamics using MATLAB "	7	27/11/2018	01/12/2018	5
Faculty Development Programme (FDP) on Engineering Thermodynamics	7	31/05/2019	06/06/2019	7
Anna University sponsored FDP on MT6602 – Applied Hydraulics Pneumatics	2	29/11/2018	12/12/2018	13
AICTE ISTE sponsored Induction / Refresher Programme "Energy Conservation	1	26/11/2018	01/12/2018	6

and Energy Audit"				
Faculty Development Programme (FDP) on Engineering Thermodynamics	3	31/05/2019	06/06/2019	7
Six day FDP on Strength of Materials	2	04/06/2019	12/06/2019	9
Neuro Linguistic Programming Training "Born to Win and Shine"	3	13/12/2018	14/12/2018	2
TEQIP sponsored one week short term course on Machine learning techniques in Modern Manufacturing, Thiagaraja college of Engineering, Madurai	2	10/12/2018	16/12/2018	7
One week Faculty empowerment program on teaching, learning and assessment with MOOCs Open resources: Hands on Approach, Teaching Learning Centre, Coimbatore Institute of Technology	2	16/03/2019	22/03/2019	7
DST PURSE Phase II sponsored Advance in Digital Additive Manufacturing (ADAM), Annamalai University	1	04/01/2019	05/01/2019	2
Transition from	1	12/11/2018	17/11/2018	6

Machine Learning, SVCE				
NPTEL course on Digital Image processing which is approved for Faculty Development Programme (FDP) by AICTE (NPTELOnline).	4	01/07/2018	31/10/2018	123
AICTENPTEL FDP ON CRYPTOGRAPHY AND NETWORK SECURITY (NPTELOnline)	2	01/01/2019	30/04/2019	120
AICTENPTEL FDP ON Microprocessor and Micro controller (NPTELOnline)	1	01/01/2019	30/04/2019	120
NPTELAICTE faculty development programme on computer organisation and architectureA pedagogical aspect (NPTELOnline).	1	01/01/2019	30/04/2019	120
FDP course on Remote sensing and digital Image processing of satellite data organized by NP TELAICTE(NPTELO nline)	1	01/08/2018	30/09/2018	61
FDP on Power Electronics for Renewable Energy Systems	4	26/11/2018	10/12/2018	15
FDP on Electrical Machines II	1	03/12/2018	18/12/2018	16
Vertical Integration Course for Trainers	1	15/04/2019	26/04/2019	12

Modeling and control of High Efficiency Electric and Hybrid vehicles and The future vehicle fleet in 2030	4	10/06/2019	23/06/2019	14
Data Science and Exploratory Data Analysis with R and Python"	1	07/06/2019	20/06/2019	14
FDP on Design of Renewable Energy systems	2	22/03/2019	22/03/2019	1
FDTP on EE8501Power System Analysis	2	27/05/2019	31/05/2019	5
FDP on "Entrepreneurship"	1	10/06/2019	15/06/2019	6
FDP on "Soft Computing Techniques and its Applications"	1	10/06/2019	14/06/2019	5
Training on Production planning Inventory control, Minifab Enterprises Pvt.Ltd	2	11/12/2018	15/12/2018	5
Renewable Energy Resources Integrated Smart Power Grid Scenarios and control aspects using HVDC and FACTS controllers	14	16/07/2018	21/07/2018	6
WILEY AUTHOR WORKSHOP	1	19/11/2018	19/11/2018	1
One day national workshop on " Writing Scientific research paper Phase VII"	1	25/01/2019	25/01/2019	1

TEQIP III Sponsored FDP on Recent Advancements in Chemical, Biological, Energy and Environment	2	26/04/2019	26/04/2019	1
Faculty Induction Programme on Instrumental methods of environmental analysis (imea)	1	14/05/2019	25/05/2019	12
FDP on "Engineering Thermodynamics"	1	31/05/2019	06/06/2019	7
FDP on Chemical Reaction Engineering	1	27/05/2019	31/05/2019	5
.SHORT TERM TRAINING PROGRAM ON COMPUTER AIDED DESIGN AND ANALYSIS OF STRUCTURE USING FINITE ELEMENT METHOD	5	17/06/2019	22/06/2019	6
One Day FDP on Digital Manufacturing, Cognizant Technologies, Chennai	1	17/11/2018	17/11/2018	1
FDP conducted by Centre for social Innovation and Entrepreneurship at IIT,Madras	1	10/06/2019	15/06/2019	6
Recent advances in renewable energy technologies for sustainable development", SRM Institute of Science and Technology Kattankulathur,	1	26/11/2018	30/11/2018	5
Neuro Linguistic	2	13/12/2018	14/12/2018	2

Programming (NLP) Training, SVCE				
Recent Developments in Metal Forming and its Research Aspects, SRM University	1	29/11/2018	30/11/2018	2
Challenges in Electric and Hybrid vehicles, SVCE	1	22/03/2019	23/03/2019	1
Students guidance and counselling, Teaching Learning Centre, Coimbatore Institute of Technology	1	07/03/2019	08/03/2019	2
International workshop on Digital manufacturing towards industry 4.0, ASME, VIT University, Vellore	1	30/03/2019	30/03/2019	1
Role of IQAC in improving Academic administrative audit (AAA) on 29/4/2019, RMK Engineering College	1	29/04/2019	29/04/2019	1
Recent advances in renewable energy technologies for sustainable development, SRM Institute of Science and Technology Kattankulathur,	1	26/11/2018	30/11/2018	5
CFD with Chemical Engineering Applications, SRM Institute	2	24/06/2019	28/06/2019	5

of Science and Technology, Kattankulathur				
Three Days Workshop On Recent Trends In Vehicle Dynamics NVH Control, PIT, Nazerathpet.	2	26/11/2018	28/11/2018	3
One Day workshop on "Art Of Writing Funding Proposals And Research Articles", KEC, Irungattukottai .	1	11/07/2018	11/07/2018	1
One Day FDP on Digital Manufacturing, Cognizant Technologies, Chennai	1	17/11/2018	17/11/2018	1
FDP conducted by Centre for social Innovation and Entrepreneurship at IIT,Madras	1	10/06/2019	15/06/2019	6
Recent advances in renewable energy technologies for sustainable development", SRM Institute of Science and Technology Kattankulathur,	1	26/11/2018	30/11/2018	5
Neuro Linguistic Programming (NLP) Training, SVCE	2	13/12/2018	14/12/2018	2
Recent Developments in Metal Forming and its Research Aspects, SRM University	1	29/11/2018	30/11/2018	2
Challenges in Electric and	1	22/03/2019	23/03/2019	1

Hybrid vehicles, SVCE				
Students guidance and counselling, Teaching Learning Centre, Coimbatore Institute of Technology	1	07/03/2019	08/03/2019	2
International workshop on Digital manufacturing towards industry 4.0, ASME, VIT University, Vellore	1	30/03/2019	30/03/2019	1
Role of IQAC in improving Academic administrative audit (AAA) on 29/4/2019, RMK Engineering College	1	29/04/2019	29/04/2019	1
Lean Lead Workshop on Incubation Management, IITM Incubation cell, IIT Madras Research Park	1	01/03/2019	01/03/2019	1
Application of IOT and AI in welding Technology in Indian railways, The Institution of Engineers (Inia), Tamilnadu State Centre, Chennai	1	10/07/2019	10/07/2019	1
Digital Manufacturing, Cognizant facility, Volery Hall, SDB2, Ground Floor, Shollinganallur SEZ	1	17/11/2018	17/11/2018	1

FDP conducted by Centre for social Innovation and Entrepreneurship at IIT,Madras	1	10/06/2019	15/06/2019	6
FDP ON ENTREPRENEURSHIP	1	10/06/2019	15/06/2019	6
FDP on Antenna Design and Measurement Techniques	4	10/12/2018	15/12/2018	6
FDTP on Cognitive Radio	3	06/05/2019	11/05/2019	6
FDP on Applied Soft computing: Theory and practice	1	22/04/2019	28/04/2019	7
Training course in Vertical Integration Course for trainers.	1	15/04/2019	26/04/2019	12
Industrial Training in PantechProlabs India Pvt Ltd.	1	23/05/2019	29/05/2019	5
Leadership training program	6	20/12/2018	21/12/2018	2
workshop on Academic Research Summit 2019 on Data Science and AI.	4	24/01/2019	25/01/2019	2
FDP, TLC Centre, IIT Madras	1	13/11/2018	15/11/2018	3
FDP on Vehicle Dynamics Using MATLAB, SVCE	4	27/11/2018	01/12/2018	5
Empowering Teachers in 21st Century skills Education, NITT	1	29/04/2019	03/05/2019	5
FDP on Teaching Pedagogy at teaching learning center, IITM	1	13/11/2018	15/11/2018	3
PALS FDP	1	04/02/2019	06/02/2019	3

Program, Brakes India Limited				
FACULTY REFRESHER PROGRAM 201819	41	26/06/2018	27/06/2018	2
FDP conducted by Centre for social Innovation and Entrepreneurship at IIT,Madras	1	10/06/2019	15/06/2019	6
FDP on Antenna Design and Measurement Techniques	4	10/12/2018	15/12/2018	6
FDTP on Cognitive Radio	3	06/05/2019	11/05/2019	6
FDP on Applied Soft computing: Theory and practice	1	22/04/2019	28/04/2019	7
FDP on Deep Learning	1	27/05/2019	29/05/2019	3
FDP on Soft computing techniques and their applications	6	10/06/2019	14/06/2019	5
FDP on Embedded Systems and Machine Learning	1	10/04/2019	12/04/2019	3
FDP on Telehealth Technology	1	13/05/2019	18/05/2019	6
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
5	5	12	12

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Leave benefit (ML, EL, VL Maternity Leave Restricted Holiday, Medical Reimbursement Scheme, Medical Centre for treatment, Gym Swimming Pool, Tour advance, Festival Advance	Leave benefit (ML, EL, VL, Maternity Leave, Restricted Holiday, Medical Reimbursement Scheme, Medical Centre for treatment, Gym Swimming Pool, Tour advance, Festival Advance	Students' Insurance Scheme including single parent upto Rs.2 lakhs, Medical Centre in the campus for treatment, Gym and Swimming Pool facility, Sports tournaments – awards

| without interest, Social welfare PF, ESI, Gratuity, Personal Accident Insurance, Group Insurance Scheme, Fees concession for wards of faculty, Best teacher award cash prize. | without interest, Social welfare PF, ESI, Gratuity, Personal Accident Insurance, Group Insurance Scheme, Fees concession for wards of supporting staff | prizes, Cash prize for round performance in Academic, Professional, Sports, NCC, etc, Scholarship, Assistance for books instruments, Awards, Counselling to students by Counsellor. |

6.4 – Financial Management and Resource Mobilization

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

INTERNAL AUDIT: Internal Audit is carried out by an out sourced Agencyat an interval of each six months. Mainly internal Auditorverify whether the College has followed the Accounting standards / policies of the Institute and College.They also verify like Tuition / Transport/ Hostel/ fees have been properly collected. If any variance is their then It will be brought to the notice of Management. Also the verify fixed assets , whether the same has been properly accounted, depreciation entry has been passed, entered in the Assets register, etc. They also verify whether all payments had been made with Proper approval, accounted properly, who is having Authority to approve the expenditure, whether the Statutory returns are filled properly like Income tax Quarterly returns P F Monthly returns ESI Monthly returns GST returns Salary is properly paid and accounted. Any variance / deviation will be corrected then and thereAs per Internal Auditor's advice. EXTERNAL FINANCIAL AUDIT Statutory Audit is done by external Charted Accountants Appointed by the Trustees, every year and they give their report to Board of Trustees. Mainly statutory auditors verify the significance of accounting standard followed with respect to Trust and other statutory compliance like TDS Remittance from Employees, Contractors, ESI, PF remittance GST return filing and remittance , verification of major expenditure, Variance analysis filing of Annual returns and appearing On behalf of college / Trust in respect of Income tax hearing and other tax matters. Since there is no adverse comment about maintenance

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
BLEND Architects and interiors, Manya The Princeton Review, Janaki Scientific Company, Levim Biotech LLP, Mr. Anbarasan Alumni (20072011 Batch), IETE Faculty Chapter,ANOOR CLOUD TECHNOLOGIES, College	413099	To conduct annual student symposium , workshop ,Faculty Development Program , Conference,summit,Guest lecture , Intramural project

[View File](#)

6.4.3 – Total corpus fund generated

1201900000

6.5 – Internal Quality Assurance System

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

Audit Type	External	Internal

	Yes/No	Agency	Yes/No	Authority
Academic	Yes	IRQS	Yes	ISO SVCE,IQAC SVCE
Administrative	Yes	IRQS	Yes	ISO SVCE,IQAC SVCE

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

Parent Teacher Meeting in every semester Counseling session every month and its impact transferred to parents Involvement parents as stake holder in Board of studies initiatives , placement activity initiatives

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

1.One day industrial training on quality concepts at Nippon Thermostate(India) Ltd,Gumadipoondi on 12th July 2019 2.One day workshop on work place Improvement training programme for lab instructors 31st May 2018 3.Training on 5S inspection at Machine shop as a case study for supporting staff 31st May 2018

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

1. Improving the infrastructure facilities During the year 2013, when the five year plan was being formulated, the need for a spacious library was identified based on the requirement to accommodate the growing number of books, periodicals and users and also to provide a good ambience as that of many world class libraries with modern amenities like the Digital Library section. The same was constructed and put into use in the year 2016. Another major work carried out was the creation of a rain water saving structure to augment the water growing water needs of the campus in the absence of any ground water resources available due to the soil conditions and also to serve as a microhabitat to promote the biodiversity in the campus. This was planned and successfully deployed in the year 2017. 2. Enhancing student and faculty performance in all aspects. During this five year plan, the long term dream of the institution to obtain academic autonomy was achieved so as to derive the benefits arising out of the same such as minimizing the gap between the industrial expectations and the actual learning through periodical updations in the curriculum, which could not be done effectively while the institution was having a nonautonomous status earlier. 3. Improving the ecosystem for entrepreneurship. The Entrepreneurship Development Cell (EDC) which was henceforth catering to the needs of prospective entrepreneurs by conducting various programs for entrepreneurship development and facilitating them to connect with the authorities to make their dream become a reality was expanded to be a "Technology Business Incubation Center" with a modified title as "Entrepreneurship Promotion and Incubation Center (EPIC)" and a facilities to accommodate business incubator units with support from MSME and Alumni members were created during this period. 4. Enhancing the interdisciplinary activities among the students and faculty in the form of projects. An Interdisciplinary center for NanoTechnology to support the nano technology based requirements such as fabrication of semiconductor devices and circuits, study of nanobio materials and nanocomposites etc.,so as to cater to the research needs of various departments was deployed with a significant amount seed money provided by the Management provided in two phases.

6.5.5 – Internal Quality Assurance System Details

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

	d)NBA or any other quality audit		Yes		

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Seminar on NAAC Criteria and AAA	28/08/2018	28/08/2018	28/08/2018	15
No file uploaded.					

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Guest Lecture on Environment Personal and Menstrual Hygiene	20/09/2018	20/09/2018	1000	0
Seminar for Healthy Lungs	19/11/2018	19/11/2018	233	644
Faculty got an opportunity to check up their health	04/02/2019	05/02/2019	131	360
Womens Day Celebrations 2019	08/03/2019	08/03/2019	1150	0
Calibrations	14/09/2018	15/09/2018	140	320
Seminar for Healthy Lungs	19/11/2018	19/11/2018	233	644
Health Checkup	04/02/2019	04/02/2019	133	360
Highways	16/03/2019	16/03/2019	310	670
Sports Day	20/03/2019	20/03/2019	60	180

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

Percentage of power requirement of the University met by the renewable energy sources
Percentage of power from Renewable energy sources : 35 kW

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Provision for lift	Yes	1
Ramp/Rails	Yes	1

Rest Rooms	Yes	1
Scribes for examination	Yes	1

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	0	03/09/2018	1	Industrial visit	To expose the industrial applications associated with the students learning	43
2018	1	0	04/09/2018	1	Industrial Visit	To expose the industrial applications associated with the students learning	38
2018	1	0	17/09/2018	1	Industrial Visit	To expose the industrial applications associated with the students learning	76
2018	1	0	17/09/2018	1	Industrial Visit	To expose the industrial applications associated with the students learning	44
2018	1	0	18/09/2018	1	Industrial Visit	To expose the industrial applications associated with the	31

						students learning	
2018	1	0	18/09/2018	1	Industrial Visit	To expose the industrial applications associated with the students learning	82
2019	1	0	20/03/2019	1	Industrial Visit	To expose the industrial applications associated with the students learning	39
2019	1	0	28/03/2019	1	Industrial Visit	To expose the industrial applications associated with the students learning	33
2019	0	1	11/03/2019	1	An App for conservation of Olive ridley turtles and another to contribute and conserve the House sparrow population in the City	An app was developed for conservation of Olive ridley turtles and their eggs and another to contribute and conserve the dwindling House sparrow population in the City	20
2019	0	1	12/03/2019	1	Awareness Program on native trees and Removal of Alien	Prosopis juliflora (Velikathaan) trees were	40

					invasive species	removed and native trees were planted in the environs of the pond and Pennalur's High school	
2019	1	0	06/05/2019	5	Summer Camp on Engineering and Technology jointly organized by SVCE and springboards	Overview of Engineering Education of the various branches in the college	39

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders		
Title	Date of publication	Follow up(max 100 words)
Code of Conduct	01/08/2018	Code of Conduct Every student is required to observe discipline and decorous behaviour both inside and outside the College and not indulge in any activity which will bring disrepute to the College. Students must follow the dress code as stipulated by Anna University. Intimidation of freshers by senior students in any form inside or outside the Campus during or after College hours is strictly prohibited. Under the Government's Education rules, the Principal has full power to take action against erring/defaulting students with fine, suspension or expulsion. Every student and parent/guardian shall, on admission sign separate Codes of Conduct which should be strictly followed.

7.1.6 – Activities conducted for promotion of universal Values and Ethics			
Activity	Duration From	Duration To	Number of participants
Induction Programme for first year studens	29/08/2018	18/09/2018	877

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

The institution has a robust policy of waste management (solid, liquid and ewaste) in place which is strictly followed.Further, the college has a 75,00,000 litre rain water collection pond that helps in collecting and saving rain water for use in the campus. The college has constructed rainwater harvesting system to an area of about 2600 square meters in order toenhance the ground water quality and quantity in and around the campus. To convey rainwater in the campus, storm water drains have been constructed all around the campus, especially from rooftops(SVCE has a roofarea of about 2400 square meters). To facilitate percolation of water to the underground, the depth of the rain water harvesting pond has been designed for 1.5 meters. Moreover, the campus is Plastic – free.To enable paperless office, communications to faculty members, students and parents/guardians are through emails and SMS.The entire campus is dotted with trees, plants and lawns which are well maintained. Green cover is around 60 of which indigenous species contribute 80. 35kW solar plant is installed and functioning. Apart from this there are two solar water heaters installed in the hostels.The class rooms are architecturally designed to have natural light and good ventilation.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Title of the Practice: ECOSENSITIVE ENVIRONMENT Objectives of the Practice SVCE believes in Sustainable living. The College has implemented and is practicing many measures to enable the same. The context: In view of the climatic changes across the world and diminishing green cover all over, it is imperative that the world strives to improve the ecosystem within itself and to this end every community starting from individuals and institutions must contribute their mite for conservation of environment. The Practice: The college practices the following: Energy conservation measures like switching off the lights / fans in the classrooms/corridors/toilets when not in use. Recycling of biodegradable waste wherein leaf litter, grass clippings are collected and deposited in Compost pits situated in two spots on the campus to decompose wastes into organic manure. Sewage Treatment Plant:The college has a STP with a capacity of 250 KLD which includes 200 KLD of Ultrafiltration facility.2 lakh litre of water is recycled every day and the resulting 1.3 lakh litre of water is used for the maintenance of the landscape and gardens of the Campus. Food waste Management where food waste is collected and deposited in bio compost pits to convert them into manure using Effective Microbes (EM) solution Waste Paper Management :Paper waste (dailies, assignment, scripts etc) are periodically collected and given to ITC's Creating Wealth out of waste Scheme Rain Water Collection Pond: A 75,00,000 litre rain water collection pond helps in collecting and saving rain water for use in the campus. Construction of and using solar water heaters in the hostels. A Solar Power plant of 35 KW is functioning in the college since October 2013. LED bulbs are used in some of the buildings process of replacing incandescent bulbs with LED bulbs wherever possible is underway. The College is a Plastic Free and NoHorn Zone. Creation of Micro Habitats in the Campus Habitat destruction and fragmentation are considered to be important reasons for species reduction and extinction. In order to offset this potential threat, several such micro habitats are created in the Campus such as Butterfly garden, small water tanks in the Campus to

ensure habitats for a variety of flora and fauna.Further, a Herbal Garden housing 40 different species of herbal plants has been established in the Campus. Disposal of Nonbiodegradable Waste: Ewaste policy: An ewaste policy is in place and is strictly followed in the college. Hazardous chemicals are not used in the chemical engineering labs while the non hazardous chemicals which are used are disposed through laboratory sinks after diluting them with water thoroughly and connected to sewage treatment line for further treatment. The bacterial cultures which are propagated in the laboratories for experimental purpose are discarded after following suitable decontaminations.

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

https://www.svce.ac.in/NAAC/s/bestpractices.pdf

7.3 – Institutional Distinctiveness

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

Initiatives for Innovations in Modern Methods for Pedagogy The college strives to provide necessary support, facilities and infrastructure to the students to enable a holistic development and encourage them to pursue their studies to their full potential The students of the college are from various socioeconomic strata there are also first generation graduate students(Students who are the first in their families to enter the portals of college education). For those students who belong to the lower economic background, financial help is required to enable them to undertake/complete their education it is also essential to ensure a level playing field for those students from the marginalised sections of society. With many distractions to the student mind such as multimedia, there is a pressing need to provide a conducive learning atmosphere to the students thereby motivating them to excel in academics. It is also essential that the students leaving the college are not just competent professionals, but also responsible citizens who contribute to society. To ensure that the students are able to pursue their education without any financial stress, the students are awarded scholarships under various categories such as merit, merit cum means, economic means, excellence in sports and NCC activities. The amount is a portion of the total tuition fees collected every year.Also, students are provided assistance for acquiring learning material. For this purpose, the college has a generous corpus. In addition to this, the college ensures smooth transfer of the government scholarships. Recognising the reputation of the college and contributing towards the noble cause of providing scholarships to the students of SVCE, private organisations like the CTS, Vasanth J Sheth Foundation, J R Charitable Trust, HIMT provide scholarships for the students. Students are also encouraged to receive scholarships from private charitable trusts set up for the purpose of the same. In addition to all this, if a student is still in need of resources, the faculty pitch in to help in their own way. The needy students are also provided laptops at a discount and also to further ease the financial burden, the payments are made in 4 installments. To motivate the students to excel in academics, they are provided with stateoftheart infrastructure along with competent faculty. All the class rooms are provided with LCD projectors along with black board and chalk. Video lectures and study materials are uploaded in the college website and can also be accessed through the mobile APP "SVCEPRO" (developed by the students of the college) to help the students. The college Library is equipped with print and elearning materials. The toppers in the Continuous Assessment Tests and in the End Semester Examinations are awarded for their achievements. In addition, departments, have awards to motivate the excellent performers in their departments. Industrial visits are arranged every year to expose the students to the industrial practices relevant to their area

of learning. Students are also encouraged to undergo internships in various industries during their vacation. Further, students are encouraged to enroll in online courses.

Provide the weblink of the institution
https://www.svce.ac.in/NAAC/s/institutionaldistinctiveness.pdf

8.Future Plans of Actions for Next Academic Year

• Constructing more hostel blocks to meet the growing demand for hostel by students who opt to join the institution from far and wide. • Constructing more number of staff quarters to improve research activities through residential staff. • Setting up of rain water collection pond to alleviate the problems due to nonavailability of ground water and dependency on third party vendors for water supply. • Centers of Excellence in allied departments to enable research and consultancy work in thrust areas of future like Nanotechnology, cloud technology and artificial intelligence. This will be implemented in a phased manner. • Creating a centralized database to bring in all operations under one umbrella for a more professional and integrated approach of various activities, which is likely to improve the productivity. This will be implemented by subscribing to a reputed ERP package. • Creating a dedicated Placement cum Training Center to cater to the growing needs of the training and placement of the students, which plays a major role in defining the standard of the institution. It will also aid in improving the Industry Institute Interaction through training for staff /students.