Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**SRI SHAKTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY**
Name of the head of the Institution	**Dr. S. Prakash**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**0422-2369900**
Mobile no.	**9942650818**
Registered Email	**principal@siet.ac.in**
Alternate Email	**srishakthi06@gmail.com**
Address	**L & T By Pass Road, Chinniyampalayam**
City/Town	**Coimbatore**
State/UT	**Tamil Nadu**
Pincode	**641062**

2. Institutional Status

Autonomous Status (Provide date of Conformant of Autonomous Status)	**12-Feb-2019**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr. K. E. Kannammal**
Phone no/Alternate Phone no.	**04222369900**
Mobile no.	**9843633389**
Registered Email	**kek@siet.ac.in**
Alternate Email	**iqac@siet.ac.in**

3. Website Address

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

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://siet.ac.in/downloads/Academic%20Calender%202018-19.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**A**	**3.08**	**2018**	**26-Sep-2018**	**25-Sep-2023**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**13-Sep-2014**

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
Introduction of	**15-Sep-2018**	**232**

Performance Evaluation Matrix for Faculty Evaluation including the Key Perfomance Indicators that reflect the standards set by Accredititation Bodies such as NAAC, NBA, etc	1		
FDP on Teaching Methodologies for Teaching Engineering	31-Oct-2018 6	215	
Workshop on IQAC - Roles, Reponsibilities, difficulties in Autonomous Institution	29-Mar-2019 1	15	
Workshop on Setting up Quality Curriculum	30-Mar-2019 1	12	
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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
Dr.D.Karunanidhi	Early Career Research Award(Young Scientist)	DST-SERB	2017 1095	2627200
Dr. K.Navaneetha Pandiyaraj	Extra Mural Research Funding	DST-SERB	2017 1095	3425840
Dr.D.Karunanidhi	Seminar/Symposium Scheme	DST-SERB	2017 3	250000
Dr.D.Karunanidhi	Seminar/Symposium Scheme	DST-SERB	2018 3	150000
Dr. K.Navaneetha Pandiyaraj	Seminar/Symposium Scheme	DAE-BRNS	2018 3	200000
Dr.D.Karunanidhi	Seminar/Symposium Scheme	DAE-BRNS	2017 3	50000
Dr.D.Karunanidhi	Seminar/Symposium Scheme	DAE-BRNS	2018 3	50000
Dr. S. Prakash	Conference Grant	AICTE	2019 3	500000
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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 :	**3**
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. Support for NAAC Accreditation of Institution and NBA Accreditation of Mechanical Department 2. Provided support for receiving Autonomous Status for the Institution 3. Participation in NIRF 4. Introduction of Key Performance Indicators for Performance appraisal 5. Improving the Overall research and Quality Culture of the Institution and Conducting Audits

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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
Apply for autonomous	**Granted Autonomous Status**
Support to the Successful Completion of Accreditation team visits	**NBA, NAAC and Autonomous Team visited and all three were successful**
Village Adoption	**Five Villages are adopted under Unnat Bharath Abhiyan**
Implementing Experiential Learning	**The experiential learning is successfully implemented for the core courses**
Increase the Internet bandwidth	**The Internet bandwidth is increased to two hundred Mbps**
Improve the research culture	**Number of research publications and funds received were significantly increased**
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Governing Body Meeting	**14-Jun-2019**

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**Yes**
Date of Visit	**30-Jul-2018**
16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2019**
Date of Submission	**08-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)	**The Management Information System majorly focuses on maintaining the student and staff information. The system has the following modules 1. Academic Module 2. Student Attendance Management 3. Internal Marks Management 4. End Semester Marks management 5. HR management The Institution also has a Library Management Software used in the library Tally is used for accounts maintenance**

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
No Data Entered/Not Applicable !!!			
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
No Data Entered/Not Applicable !!!				
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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 College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
ME	CAD/CAM	18/06/2018
ME	Computer Science Engineering	18/06/2018
ME	Embedded Systems	18/06/2018
ME	Structural Engineering	18/06/2018
ME	VLSI Design	18/06/2018
BE	Agriculture Engineering	18/06/2018
BE	Automobile Engineering	18/06/2018
BE	Biomedical Engineering	18/06/2018
BTech	Biotechnology	18/06/2018
BE	Civil Engineering	18/06/2018
BE	Computer Science Engineering	18/06/2018
BE	Electronics and Communication Engineering	18/06/2018
BE	Electrical and Electronics Engineering	18/06/2018
BTech	Food Technology	18/06/2018
BTech	Information Technology	18/06/2018
BE	Mechanical Engineering	18/06/2018

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
No Data Entered/Not Applicable !!!		
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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	Agriculture Engineering	181
BE	Biomedical Engineering	92
BTech	Biotechnology	101
BE	Civil Engineering	192
BE	Computer Science Engineering	231
BE	Electronics and	275

		Communication Engineering	
BE	Electrical and Electronics Engineering	188	
BTech	Food Technology	94	
BTech	Information Technolog y	102	
BE	Mechanical Engineering	282	
ME	CAD/CAM	3	
ME	Computer Science Engineering	4	
ME	Embedded Systems	3	
ME	Structural Engineering	6	
ME	VLSI Design	3	

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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

Feedback on the teaching learning process is received from students as Students satisfaction survey based on a structured questionnaire framed and approved by the IQAC of this college. The questionnaire link is available on the institutional website and Students can drop their filled in feedback form in the feedback receiving boxes present in the college campus. The received feedback is then analyzed and necessary suggestions are given based on this feedback. Teachers provide informal as well as formal feedback to the head of the institution on different academic, administrative and other affairs related to the college. Members of anti ragging committee and Internal complaints committee also receive feedback from students through class campaigns. Grievances (if any) and necessary suggestions can be registered to the Grievance Redressal cell of the college through the box fixed in the College campus , the cell composition is altered every year at the beginning of academic session. Departments receive feedback from parents through parent teacher meetings and discuss different issues related to the overall development of their ward.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Agriculture Engineering	120	91	66

BE	Bio-medical Engineering	60	42	30
BE	Civil Engineering	60	25	16
BE	Computer Science Engineering	120	95	91
BE	Electrical and Electronics Engineering	60	26	16
BE	Electronics and Communication Engineering	180	88	83
BE	Mechanical Engineering	120	70	62
BTech	Bio technology	60	50	32
BTech	Food Technology	60	60	47
BTech	Information Technology	60	45	37
ME	Computer Science and Engineering	18	10	4
ME	VLSI Design	24	8	3
ME	CAD/CAM	18	7	3
ME	Embedded System Technologies	24	12	3
ME	Structural Engineering	24	14	4
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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	2933	34	226	Nill	23

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-	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used

249	249	3	104	1	4

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

Student mentoring system plays a vital role the institution based on the following objectives: • • To bring effective communication between staff and students. • To mentor students to meet the current industry requirements. • To identify and address the problems of students in personal and academic background. • To encourage the students in advanced learning methodologies• • To reduce drop out ratio• • To motivate the students to participate in cocurricular and extracurricular activities• At the beginning of every Academic year, orientation sessions are organized for all students to explain the mentoring system of institution. 15 students are assigned to each mentor .A well documented student profiles are maintained by the mentors. Academic and Personal Counselling is provided by the mentoring scheme, Frequent student interaction is done through one to one meeting, social networking sites, class committee and other academic committee. The ward's performance are communicated to the parents regularly, special counseling is also provided for both the students and parents if needed Students are highly motivated by the mentor to participate in extra and cocurricular activities and also to upgrade their skills to meet the current industry trends. Economically weaker students are guided to obtain scholarship from the college, government and various trusts. Special coaching classes are given for slow learners. Outcome of the mentoring system in the current year (2018 2019) 1. Significant improvement in the teacher student relationship has been observed 2. Students' participation in co curricular and extracurricular activities has significantly improved and won prizes. 3. Students have been placed in high profile companies and doing their master's in prestigious institutes in and around the world. 4. Students have shown outstanding performance in sports tournaments. 5. 5. Organized different events of intercollegiate district sports and games championship.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2967	249	1:11

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
236	249	Nill	55	56

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	Sanjeeb Kumar Mandal	Assistant Professor	Winner of JEB International Award for the Best Paper published in 2018 and also received the Cash Prize of USD 500. The International Selection Committee has selected as best paper out of 142 papers published by the Journal "Journal of

			Environmental
2018	Ms. G. Sri Thatchayani	Assistant Professor	For producing 100 result in Anna University Examinations.
2018	R.Nirmal Kumar	Assistant Professor	Har Gobind Khorana Best Young Scientist Award forBiotechnology
2018	Dr. L Kartick	Assistant Professor	Fellow member of Linnean Society of London
2018	Dr.Sharmy Saimon Mano	Assistant Professor	Appreciation award for fostering an ecosystem bridging government received from DST and Texas Instruments
2018	Mr.R.Dhanapal	Assistant Professor	Appreciation award for fostering an ecosystem bridging government received from DST and Texas Instruments
2018	Mrs.M.Swathy	Assistant Professor	Appreciation award for fostering an ecosystem bridging government received from DST and Texas Instruments
2018	Sharmy Saimon Mano	Assistant Professor	Appreciation award for mentoring students
2018	Mr.R.Dhanapal	Assistant Professor	Appreciation award for mentoring students
2018	Mrs.M.Swathy	Assistant Professor	Appreciation award for mentoring students
2018	Dr.D.Karunanidhi	Associate Professor	Yearly Carrier Research Award, Department of Science and Technology, Government of India, New Delhi
2018	Dr. K. E. Kannammal	Professor	Reviewer of International Journal of Ad Hoc Sensor Wireless

			Networks
2018	Ms. L. Sindhia	Associate Professor	Editorial Board and Reviewer of Journal of Society of development of research and innovative ideas in new environment
2018	Ms. L. Sindhia	Associate Professor	Tamil Shakthi Award from Malasiya Tamilar Munetra Kalagam, Malasiya
2018	Dr.G.Sundar	Professor	Reviewer for Journal of Electrical Engineering And Technology, Korea.
2018	Dr.P.M.Balasubramaniam	Professor	Member in Editorial Board of Elixir Journal
2018	Dr.P.M.Balasubramaniam	Professor	Reviewer of Journal of Chineese Institute of Engineering
2018	Dr.P.M.Balasubramaniam	Professor	Reviewer of African Journal of Engineering And Research
2018	Dr.P.M.Balasubramaniam	Professor	Reviewer of International Journal of Electrical And Electronics Engineering, USA
2018	Dr.P.M.Balasubramaniam	Professor	Reviewer of International Journal of Applied Soft Computing, Elsevier.
2018	Dr.P.M.Balasubramaniam	Professor	Reviewer of International Journal of Electrical And Electronics Engineering, USA
2018	Mr.Arivoli	Assistant Professor	Reviewer of International Journal of Engineering Research Technology (IJERT)
2018	Mrs.S.T.Suganthi	Associate Professor	Reviewer of IET Generation,

			Transmission And Distribution
2018	Mrs.S.T.Suganthi	Associate Professor	Reviewer of Journal of Communication Technology, Electronics Computer science
2018	Mrs.S.T.Suganthi	Associate Professor	Reviewer of International Journal of Electrical Power And Energy system, Elsevier
2018	Dr.P.M.Balasubramanian	Professor	For producing 100 result in Anna University Examinations.
2018	Mr.S.Arivoli	Assistant Professor	For producing 100 result in Anna University Examinations.
2019	Mr. S. Raja	Assistant Professor	Marquis Whos Who
2018	Dr.Kalaivani	Associate Professor	For producing 100 result in Anna University Examinations.
2018	Dr.V.Praveena	Associate Professor	Editor International journal of wireless communications and Mobile computing
2018	Dr.P.Chinnasamy	Assistant Professor	Editor International journal of wireless communications and Mobile computing
2018	S.Ashok Kumar	Assistant Professor	Best of Faculty award from Sri shakthi
2018	Dr.V.Praveena	Associate Professor	Reviewer Journal of Ambient Intelligence and Humanized Computing
2018	Dr.S.Sudhagar	Associate Professor	Best Reviewer for Journal of Material Processing and Technology
2018	Mr.S.Gnanasekaran	Assistant Professor	Editorial Member of Journal of Materials: Materials Review

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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
No Data Entered/Not Applicable !!!				
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nill	2689	0

2.6 – Student Performance and Learning Outcomes

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

http://siet.ac.in/

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
103	BE	Civil Engineering	118	90	76.27
104	BE	Computer Science and Engineering	102	74	72.55
105	BE	Electrical and Electronics Engineering	90	59	65.56
106	BE	Electronics and Communication Engineering	148	96	64.86
205	BTech	Information Technology	46	28	60.87
114	BE	Mechanical Engineering	183	96	52.46
405	ME	Computer Science and Engineering	3	3	100

419	ME	VLSI Design	Nill	Nill	0
402	ME	CAD / CAM	2	2	100
431	ME	Embeed Systems Technologies	13	13	100
413	ME	Structural Engineering	Nill	Nill	0
415	ME	Power Electronics and Drives	1	1	100
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2.7 – Student Satisfaction Survey

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

http://siet.ac.in/student-satisfaction-survey-2019

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

Yes
Name of the teacher getting seed money
Dr.Karunanidhi
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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	early carrier research award	Dr.D.Karunanidhi	13/12/2018	Department of science and technology
National	Outstanding Engineer Award 2018	Dr.A. Tajuddin	22/12/2018	The Institution of Engineers (India)
International	2019 Lifetime Achievement Award Marquis Whos Who	Mr.S.Raja	17/08/2018	Marquis Whos Who in the World
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3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1095	DSTSERB	26.27	16.9
Major Projects	1095	DSTSERB	34.25	7.58
Minor Projects	180	Enkey Engineering works	0.05	0.05
Minor Projects	180	Sharp Garuda Industries	0.1	0.05
Minor Projects	180	Roots Irrigation	0.07	0.07
Students Research Projects (Other than compulsory by the University)	365	India Innovation Challenge Design Contest	20	0.5
Students Research Projects (Other than compulsory by the University)	90	TNSCTE	0.07	0.07
Industry sponsored Projects	180	KAVIN ENGINEERING	0.1	0.1
Industry sponsored Projects	365	R.V. ENGINEERING EQUIPMENTS PVT LTD	0.1	0.1
Any Other (Specify)	3	AICTE	5.99	5.99
Any Other (Specify)	3	AICTE	5	5
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

4

3.3 – Innovation Ecosystem

3.3.1 – 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
IPR for Students and Faculty Members	E Cell	10/01/2019
Hands on workshop on	CSE	23/01/2019

Internet of Things product development Pre hackathon event		
National workshop on Tissue Engineering and Biomedical Instrumentation	Biomedical Engineering	11/02/2019
Conducted workshop on BioDetectives	Biotechnology	28/02/2018
Seminar on applied genomics	Biotechnology	02/02/2019
Seminar on clinical research	Biotechnology	23/03/2019
WATER CARE2019	CIVIL	02/01/2019
Opportunities and Challenges in dairy and food Industry	Food Technology	15/09/2018
ECommerce: Food regulations	Food Technology	01/10/2018
Seminar on Current Trends in IT	IT	01/02/2018
Seminar on Innovations in Information Technology	IT	13/03/2018
Seminar on Recent Advances in Information Technology	IT	02/04/2018
Seminar on Advanced Computing Technologies	IT	22/06/2018
Seminar on Communications Skills	IT	20/07/2018
Seminar on Intellectual Property Rights	IT	16/08/2018
Seminar on Cyber Security	IT	26/09/2019
Seminar on Recent Trends in Information Technology	IT	29/09/2018
Seminar on Recent Trends in Information Technology	IT	29/09/2019
Seminar on Digital Marketing SEO	IT	05/03/2019
Seminar on Cyber Security	IT	25/09/2018
Inaguration of XENIRA and Seminar	IT	07/08/2018
Seminar on Cloud Technologies	IT	08/10/2019

Seminar on "Industry ready Engineers	EEE	05/01/2018
One Day Seminar titled "Wireless Architecture Evolution "	EEE	16/03/2018
International Seminar on "Big data analytics towards industrial needs and Entrepreneurial opportunities"	EEE	07/09/2019
Faculty Development program on Metrology and Measurement	MECHANICAL ENGINEERING	27/05/2019
IEEE Sponsored technical seminar on PCB design and fabrication through Auto desk eagle	ECE	12/01/2019
IEEE Sponsored Technical seminar on core IPS and usage of system Verilog	ECE	02/02/2019
IEEE Sponsored seminar on Industry expected technical and personal skills	ECE	21/07/2019
IEEE Sponsored seminar on Industry expected technical and personal skills	ECE	21/07/2019
Project Competition	ECE	31/08/2018
IEEE SEMINAR on "Tech Talk on ESDM"	ECE	21/09/2018
Workshop on Mobile phone laptop service	ECE	17/09/2018
Hands on Experience in Smart phone servicing	ECE	28/02/2019
VELAN Thiruvizha 2018	Agriculture Engineering	06/01/2019
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3.3.2 – 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
Appreciation award for fostering an ecosystem bridging government	Mrs. M. Swathy	DST and Texas instruments	20/12/2018	Appreciation award for fostering an ecosystem bridging government
Appreciation award for fostering an ecosystem	Dr. Sharmy Saimon Mano	DST and Texas instruments	20/12/2018	Appreciation award for fostering an ecosystem

bridging government					bridging government
Appreciation award for fostering an ecosystem bridging government	Mr. R. Dhanapal	DST and Texas instruments	20/12/2018		Appreciation award for fostering an ecosystem bridging government
Har Gobind Khorana Best Young scientist Award	R.Nirmal Kumar	Bose Science Society	29/08/2018		Har Gobind Khorana Best Young scientist Award
Outstanding Engineer Award 2018	Dr.A. Tajuddin	The Institution of Engineers (India)	22/12/2018		Outstanding Engineer Award 2018
Yearly carrier research award	Dr.D.Karunanidhi	Department of science and technology	13/12/2018		Yearly carrier research award
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3.3.3 – 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
MSME	KARUVARAI	Sri Shakthi institute of engineering and Technology	Mechenn Innovation 3D bioprinting	Service	29/05/2019
MSME	KARUVARAI	Sri Shakthi institute of engineering and Technology	MadWe Marvels	Product	28/09/2018
MSME	KARUVARAI	Sri Shakthi institute of engineering and Technology	Personalised Mobile Back case	Product	28/10/2018
MSME	KARUVARAI	Sri Shakthi institute of engineering and Technology	Diet Food Pack	Product	01/02/2019
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded

civil engineering	2

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Chemistry	1	0
International	ECE	37	3.77
International	EEE	12	1.26
International	IT	12	4.72
International	MECHANICAL	12	4.73
International	CSE	33	4.99
International	BME	5	4.31
International	CIVIL	13	.70
International	BIOTECH	5	1.63
International	PHYSICS	12	1.64

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

Department	Number of Publication
CSE	6
ECE	6
EEE	1
CIVIL	1
Food Technology	4

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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
No Data Entered/Not Applicable !!!			
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3.4.5 – 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
Refractive index sensor using dual core photonic crystal fiber-glucose	Dr.T.V.P .Sundarara jan	Results in Physics	2018	2.01	Department of ECE, Sri Shakthi Institute of Enginee ring and T echnology, Coimbatore	6

Title	Author	Journal	Year	Impact	Department	Count
detection applications					, India	
Analysis of temperature based power spectrum in EDFA and YDFA with different pump power for THz applications	Dr.T.V.P.Sundararajan	Results in Physics	2018	2.01	Department of ECE, Sri Shakthi Institute of Engineering and Technology, Coimbatore, India	3
An energy aware buffer management (EABM) routing protocol for WSN	Dr.T.V.P.Sundararajan	journal of supercomputing	2018	1.825	Department of ECE, Sri Shakthi Institute of Engineering and Technology, Coimbatore, India	1
Metallocurcuminconjugated DNA Complexes Induces Preferential Prostate Cancer Cells Cytotoxicity and Pause Growth of Bacterial Cells	Dr.VinothKumar Lakshmanan	Scientific Reports	2018	4.122	Department of Biomedical Engineering, Sri Shakthi Institute of Engineering and Technology, Coimbatore, Indi	1
Effects of thermal radiation and magnetic field on hydromagnetic flow over a nonlinear stretching surface with nonuniform heat gener	M. Agneeshwari	International Journal of Applied Mechanics and Engineering	2018	0	Department of Mathematics, Sri Shakthi Institute of Engineering and Technology, Coimbatore, India	Nill

Title	Author	Journal	Year		Institution		Nill
ation/abso rption and variable wall tempe rature							
Exploring the Charge Density Di stribution and Electr ostatic properties of (1methyl1 Htetrazol5 ylsulfanyl)acetic acid benzy lidenehydr azide	V. Kandavelu	Research Journal of Chemistry and Enviro nment	2019	0	Department of Chemistry, Sri Shakthi Institute of Enginee ring and T ehcnology, Coimbatore		Nill
Influence of Viscous and Ohmic Heating on MHD Flow of Nano fluid over an Inclined nonlinear stretching sheet Embedded in a Porous Medium	D. Prakash	Internat ional Journal of Mechanical Engineerin g and Technology	2018	0	Department of Mathema tics, Sri Shakthi Institute of Enginee ring and T echnology, Coimbatore , India		Nill
Buongiorno Model for Hydromagne tic Convective Flow of Nanofluid over an Inclined Stretching Surface with Variable Stream Conditions	P.Suriya kumar and S.P.Anjali Devi	Journal of Advanced Research in Applied Mechanics Computatio nal Fluid Dynamics	2019	0	Department of Mathema tics, Sri Shakthi Institute of Enginee ring and T echnology, Coimbatore , India		Nill
Concert and	Balasubr amaniam	Journal of Testing	2018	2	Department		9

analysis of autotuning dualfeedback biological harmonic controller for industrial claims	P.M	and Evaluation			of Electrical and Electronics Engineering	
Optimal generator rescheduling with distributed slack bus model for congestion management using improved teaching learning based optimization algorithm	Suganthi, S.T	Sadhana Academy Proceedings in Engineering Sciences	2018	0	Department of Electrical and Electronics Engineering	Nill
A novel approach for congestion management using improved differential evolution algorithm	Saravanabalaji, S., Krishnathevar, R., Thilagar S, H., Durairaj, D.	International Transactions on Electrical Energy Systems	2018	0	Department of Electrical and Electronics Engineering	4
An Improved Differential Evolution algorithm for congestion management in the presence of wind turbine generators	Suganthi, S.T	Renewable and Sustainable Energy Reviews	2018	10	Department of Electrical and Electronics Engineering	10
Surface analysis technique for	K.NAVANEETHA PANDIYARAJ	Hemocompatibility of Biomaterials for	2018	1	Physics	1

assessing hemocompat ibility of biomateria ls		Clinical A pplication s				
Polymer coatings for biocom patibility and reduced no nspecific adsorption	K.NAVANE ETHA PANDIYARAJ	Function alised Car diovascula r Stents	2018	1	Physics	1
Evaluation of mechanism of cold at mospheric pressure plasma assisted p olymerizat ion of acrylic acid on low density po lyethylene (LDPE) film surfaces: Influence of various	K.NAVANE ETHA PANDIYARAJ	Applied Surface Science	2018	10	Physics	10
Influence of operating parameters on develop ment of po lyethylene oxidelike coatings on the surfaces of polypro pylene films by a tmospheric pressure cold plasma jet assisted	K.NAVANE ETHA PANDIYARAJ	ournal of Physics and Chemistry of Solids	2018	3	Physics	3
Evaluation	K.NAVANE ETHA	Materials	2019	4	Physics	4

of surface properties of low density polyethylene (LDPE) films tailored by atmospheric pressure nonthermal plasma (APNTP) assisted copolymerization and	PANDIYARAJ	Science and Engineering: C				
Degradation of telmisartan (TELMAH) compounds in aqueous solution using nonthermal atmospheric pressure plasma jet	K.NAVANEETHA PANDIYARAJ	Frontiers in Advanced Materials Research	2019	0	Physics	Nill
Development of phosphor containing functional coatings via cold atmospheric pressure plasma jetStudy of various operating parameters	K.NAVANEETHA PANDIYARAJ	Applied Surface Science	2019	0	Physics	Nill
Degradation of simulated Direct OrangeS (DOS) textile effluent using nonthermal atmospheric pressure plasma jet	K.NAVANEETHA PANDIYARAJ	Environmental geochemistry and health	2019	0	Physics	Nill

Evaluation of influence of cold atmospheric pressure argon plasma operating parameters on degradation of aqueous solution of reactive blue 198	K.NAVANE ETHA PANDIYARAJ	Plasma Science and Technology	2019	0	Physics	Nill
Health risks associated with fluoride intake from rural drinking water supply and inverse mass balance modeling to decipher hydrogeochemical processes in Vattama laikarai River	D Karuna nidhi	Environmental Geochemistry and Health	2019	0	Civil Engineering	Nill
Risk of fluoriderich groundwater on human health: Remediation through managed aquifer recharge in a hard rock terrain, South India	D Karuna nidhi	Natural Resources Research	2019	1	Civil Engineering	1

Fluoride contamination in groundwater of the Shanmuganadhi River basin (south India) and its association with other chemical constituents using geographical information system	D Karunanidhi	Geochemistry	2019	1	Civil Engineering	1
Characterizing groundwater quality and seawater intrusion in coastal aquifers of Nagapattinam and Karaikal, South India using hydrogeochemistry and modeling techniques	D Karunanidhi	Human and Ecological Risk Assessment: An International Journal	2019	5	Civil Engineering	5
Potential health risk assessment for fluoride and nitrate contamination in hard rock aquifers of Shanmuganadhi River basin, South India	D Karunanidhi	Human and Ecological Risk Assessment: An International Journal	2019	11	Civil Engineering	11

Geochemical evaluation of fluoride contamination in groundwater from Shanmuganadhi River basin, South India: implication on human health	D Karunanidhi	Environmental Geochemistry and Health	2019	4	Civil Engineering	1
Longterm trend detection and spatio temporal analysis of groundwater levels using GIS techniques in Lower Bhavani River Basin, Tamil Nadu, India	D Karunanidhi	Environment, Development and Sustainability	2018	6	Civil Engineering	6
A Review on Machine Learning Classification Technique for Bank Loan Approval	Kannammal K.E	2019 International Conference on Computer Communication and Informatics	2019	0	CSE	Nill
An Enhanced GirvanNewman Algorithm to Detect Communities in Social Networks	Kannammal K.E	International Journal of Management, Technology And Engineering	2019	0	CSE	Nill
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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)						
Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Refractive index sensor using dual core photonic crystal fiber-glucose detection applications	Dr.T.V.P.Sundararajan	Results in Physics	2018	18	8	Department of ECE, Sri Shakthi Institute of Engineering and Technology, Coimbatore, India
Analysis of temperature based power spectrum in EDFA and YDFA with different pump power for THz applications	Dr.T.V.P.Sundararajan	Results in Physics	2018	18	Nill	Department of ECE, Sri Shakthi Institute of Engineering and Technology, Coimbatore, India
An energyaware buffer management (EABM) routing protocol for WSN	Dr.T.V.P.Sundararajan	journal of supercomputing	2018	41	18	Department of ECE, Sri Shakthi Institute of Engineering and Technology, Coimbatore, India
Metallocurcuminconjugated DNA Complexes Induces Preferential Prostate Cancer Cells Cytotoxicity and Pause Growth of Bacterial Cells	Dr.Vinoth Kumar Lakshmanan	Scientific Reports	2018	122	1	Department of Biomedical Engineering, Sri Shakthi Institute of Engineering and Technology, Coimbatore, Indi

Title	Author	Journal	Year			Department
Effects of thermal radiation and magnetic field on hydromagnetic flow over a nonlinear stretching surface with nonuniform heat generation/absorption and variable wall temperature	.P Anjali Devi and M. Agneeshwari	International Journal of Applied Mechanics and Engineering	2018	Nill	Nill	Department of Mathematics, Sri Shakthi Institute of Engineering and Technology, Coimbatore, India
Exploring the Charge Density Distribution and Electrostatic properties of (1methyl1 Htetrazol5 ylsulfanyl)acetic acid benzylidenehydrazide	V. Kandavelu	Research Journal of Chemistry and Environment	2019	13	Nill	Department of Chemistry, Sri Shakthi Institute of Engineering and Tehcnology, Coimbatore
Influence of Viscous and Ohmic Heating on MHD Flow of Nano fluid over an Inclined nonlinear stretching sheet Embedded in a Porous Medium	D. Prakash and Narsu Sivakumar, P. Suriyakumar, B. Rushi Kumar	International Journal of Mechanical Engineering and Technology	2018	13	Nill	Department of Mathematics, Sri Shakthi Institute of Engineering and Technology, Coimbatore, India
Buongiorno Model for Hydromagne	P.Suriya kumar	Journal of Advanced Research	2019	Nill	Nill	Department of Mathematics, Sri

tic Convective Flow of Nanofluid over an Inclined Stretching Surface with Variable Stream Conditions		in Applied Mechanics Computational Fluid Dynamics					Shakthi Institute of Engineering and Technology, Coimbatore, India
Longterm trend detection and spatio temporal analysis of groundwater levels using GIS techniques in Lower Bhavani River Basin, Tamil Nadu, India	D Karunanidhi	Environment, Development and Sustainability	2019	5	Nill		Civil Engineering
Risk of flurorich groundwater on human health: Remediation through managed aquifer recharge in a hard rock terrain, South India	D Karunanidhi	Natural Resources Research,	2019	5	1		Civil Engineering
Fluoride contamination in groundwater of the Shanmuganadhi River basin (south India) and its associ	D Karunanidhi	Geochemistry	2019	5	1		Civil Engineering

ation with other chemical c onstituent s using ge ographical informatio n system						
Characte rizing gro undwater quality and seawater intrusion in coastal aquifers of Nagapat tinam and Karaikal, South India using hydr ogeochemis try and modeling techniques	D Karuna nidhi	Human and Ecological Risk Asses sment: An Internatio nal Journal 25	2019	5	5	Civil En gineering
Potential health risk assessment for fluoride and nitrate co ntaminatio n in hard rock aquifers of Shanmug anadhi River basin, South India	D Karuna nidhi	Human and Ecological Risk Asses sment: An Internatio nal Journal	2019	11	5	Civil En gineering
Geochemi cal evaluation of fluoride c ontaminati on in grou ndwater from Shanm uganadhi River	D Karuna nidhi	Environm ental Geoc hemistry and Health	2019	4	5	Civil En gineering

basin, South India: implication on human health						
Longterm trend detection and spatio temporal analysis of groundw ater levels using GIS techniques in Lower Bhavani River Basin, Tamil Nadu, India	D Karuna nidhi	Environm ent, Devel opment and Sustainabi lity	2019	4	5	Civil En gineering
Evaluation of influence of cold at mospheric pressure argon plasma operating parameters on degrada tion of aqueous solution of reactive blue 198	K.NAVANE ETHA PANDIYARAJ	Plasma Science and Technology	2019	17	Nill	Physics
Degradat ion of simulated Direct OrangeS (DOS) textile effluent using nonthermal atmospheri c pressure plasma jet	K.NAVANE ETHA PANDIYARAJ	Environm ental geoc hemistry and health	2019	17	Nill	Physics
Developm	K.NAVANE	Applied	2019	17	Nill	Physics

ent of phosphor containing functional coatings via cold atmospheric pressure plasma jetStudy of various operating parameters	ETHA PANDIYARAJ	Surface Science				
Degradation of telmisartan (TELMAH) compounds in aqueous solution using nonthermal atmospheric pressure plasma jet	K.NAVANEETHA PANDIYARAJ	Frontiers in Advanced Materials Research	2019	17	4	Physics
Evaluation of surface properties of low density polyethylene (LDPE) films tailored by atmospheric pressure nonthermal plasma (APNTP) assisted copolymerization and	K.NAVANEETHA PANDIYARAJ	Materials Science and Engineering	2018	17	3	Physics
Influence of operating parameters on development of polyethylene oxidelike coatings on the surfaces of polypro	K.NAVANEETHA PANDIYARAJ	Journal of Physics and Chemistry of Solids	2018	17	3	Physics

pylene films by atmospheric pressure cold plasma jet assisted						
Evaluation of mechanism of cold atmospheric pressure plasma assisted polymerization of acrylic acid on low density polyethylene (LDPE) film surfaces: Influence of various …	K.NAVANE ETHA PANDIYARAJ	Applied Surface Science	2018	17	10	Physics
Polymer coatings for biocompatibility and reduced nonspecific adsorption	K.NAVANE ETHA PANDIYARAJ	Functionalised Cardiovascular Stents	2018	17	1	Physics
Surface analysis technique for assessing hemocompatibility of biomaterials	K.NAVANE ETHA PANDIYARAJ	Hemocompatibility of Biomaterials for Clinical Applications	2018	17	1	Physics
A Review on Machine Learning Classification Technique for Bank Loan Approval	Kannammal K.E	2019 International Conference on Computer Communication and Informatics	2019	6	Nill	CSE
An		Internat	2019	6	Nill	CSE

Enhanced GirvanNewman Algorithm to Detect Communities in Social Networks	Kannammal K.E	ional Journal of Management , Technology And Engineering				

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	250	38	39	194
Presented papers	106	20	5	8
Resource persons	1	3	4	15

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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Mechanical Engineering	Intelligence Collaborative Robotic Arm integrated with Machine vision and Machine Learning Capabilities	Admatic Solutions	152000
Food Technology	Design and Fabrication of Extruder	Premier Industries	200000
Food Technology	Preservation of Traditional Confectionary Products	Sunshine Food Processing	200000
Information Technology	Website and Software Support	Bhuvana Silks	115000
Civil Engineering	Designing work	Mrs.S.Jeyanthi	1500
Civil Engineering	Designing Work	Mrs.S.Jeyanthi	1500
Civil Engineering	Designing Work	India Home Builders	1500
Civil Engineering	Material Testing	Dharapuram Municipality	1000
Civil Engineering	Material Testing	KCP Engineering	3750
Civil Engineering	Material Testing	KCP Engineering	6250
Civil Engineering	Material Testing	KCP Engineering	11250

Civil Engineering	Material Testing	KCP Engineering	8750
Civil Engineering	Material Testing	S.Vellimalai	1000
Civil Engineering	Material Testing	Manual Correya Engineering Contractor	5400
Civil Engineering	Material Testing	Ramiah Construction	600
Civil Engineering	Material Testing	PS Construction Pvt.Ltd	1200
Civil Engineering	Material Testing	Ramiah Construction	1000
Civil Engineering	Material Testing	Ramiah Construction	1800
Civil Engineering	Material Testing	Executive Officer,Mulanur Panchayat	800
Civil Engineering	Material Testing	Er.Shanmugam	450
Civil Engineering	Material Testing	Er.Shanmugam	450
Civil Engineering	Survey Work	Kalpana Industries	7500
Information TechnologyiStudios	Billing Software	i Studios	90000
Information TechnologyiStudios	Software Support	Gateway Software Solutions	95000
Information TechnologyiStudios	Website and Software Support	Sigaram Technology	150000
Civil Engineering	Material Testing	Er.Shanmugam	450
Civil Engineering	Material Testing	Er.Shanmugam	450
Civil Engineering	Material Testing	Er.Shanmugam	450
Civil Engineering	Material Testing	Er.Shanmugam	450
Civil Engineering	Material Testing	Executive Officer,Mulanur Panchayat	1400
Civil Engineering	Designing work	Commissioner,Kankeyam Municipality	18000
Civil Engineering	Designing work	Kumarasamy.S , Kangeyam	28000
Civil Engineering	Designing work	Mrs.Vigneshwari.D	42000
Civil Engineering	Survey Work	Subramanian.S,Neelambur	26000
Civil Engineering	Material Testing	R.Saravanan,Sathyamangalam	44000
Civil Engineering	Material Testing	Rangasamy,Konamoolai	16600
Civil Engineering	Material Testing	HPCL,Irugur	1450
Civil Engineering	Material Testing	HPCL,Irugur	1450

Civil Engineering	Material Testing	HPCL,Irugur	1450
Civil Engineering	Material Testing	HPCL,Irugur	1450
Civil Engineering	Material Testing	HPCL,Irugur	1450
Civil Engineering	Material Testing	HPCL,Irugur	1450
Civil Engineering	Material Testing	HPCL,Irugur	1450
Civil Engineering	Material Testing	HPCL,Irugur	1450
Civil Engineering	Material Testing	HPCL,Irugur	1450
Civil Engineering	Material Testing	HPCL,Irugur	1450
Civil Engineering	Material Testing	Er.Shanmugam	1450
Civil Engineering	Material Testing	Er.Shanmugam	1450
ECE	Industrial power monitoring using IOT	Arihant Systems	400000
ECE	Industrial Automation	Maxbyte Technologies	240000
ECE	5G Telecommmunication	Bigzia Teleservice	400000
Biotechnology	Waste water analysis	NScience Sustainable Solutions Pvt. Ltd.	200000
Biotechnology	Cardioprotective soup	Keerakadai.com	100000
CSE	Translation and Formatting Publication work	Madras Creators	85000
CSE	Web site development	KR Constructions	65000
CSE	Manual Testing	CtrlNext Technologies	75000
CSE	Web site development	Brindha Processing Mill	75000
CSE	Web site development	Cifra Technologies	85000
CSE	Billing software	APT Villas	72000
CSE	Automation Engineering	Rently Softwares	95000
CSE	Web site development	Kairos Technologies	60000
CSE	Billing software	VLM Agencies	65000
CSE	Web site development	Magizhchi Associates	60000
CSE	Web and Mobile application for client management	Name and Fame auditing firm	75000
CSE	Logo Design and Web app development	Vaishnaviakahaya Engg Industries	65000

CSE	Mobile app develoment	Boston Technologies	80000
EEE	Industrial Power Control Integral Cycle Switching without generating Harmonics	MAK Controls	75000
EEE	UPFC related Display of LAG and Lead Power Factor	Smart Power Electronic Systems	75000
Mechanical Engineering	Development of Machine for Production of Fertilizer from Kitchen Waste	SSB Industrial Solution	100000
Mechanical Engineering	Development of semi automatic adjustable angle sheet cutting machine	SSB Industrial Solution	100000
Mechanical Engineering	Design and Fabrication of Automatic Core Shooter	Unicast Alloys Private Limited	200000
Mechanical Engineering	Design and Development of Gantry robot for CNC Milling machine	Multimech Engineers	200000
Mechanical Engineering	Development of tapping machine using PLC	Akshay Industries	50000
Mechanical Engineering	Error Prediction System using IoT in Material Handling Applications	Akshay Industries	100000
Mechanical Engineering	Design and Fabrication of Pesticide sprayer using Quadcopter	Ankusum Engineering	150000
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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Biomedical Engineering	Refresher course on An Introduction to International Medical Device Standards	Pinnacle, Coimbatore. Machenn, Coimbatore.	15000	8
Agriculture	Modern	KSNM	10000	5

Engineering	Irrigation Technique in agriculture	marketing		
Food Technology	Waste Management Techniques for Baking Industry	JM Bakers, Coimbatore	10000	5
ECE	IoET for Industrial Automation	VVDN Technologies,Krish Tec,NN Engineering Products	33000	11
ECE	Embedded Automation using ARM	Illuminen Technologies,Arihant systems,Krish Tec	16000	8
Agriculture Engineering	Modern Irrigation Technique in agriculture	KSNM marketing	10000	5
Food Technology	Waste Management Techniques for Baking Industry	JM Bakers, Coimbatore	10000	5
Biotechnology	Phytochemical screening of medicinal plants (Senna Auriculata)	Precision Instruments, Coimbatore	4000	1
Biotechnology	Detection of E.coli in drinking water through PCR	Himedia, Coimbatore	10000	2
CSE	Modern Applications in Data analytics	Ultra main software India private limited, Coimbatore	15000	12
CSE	Introduction to IoT application development	Abile Technologies, Coimbatore	15000	8
EEE	Automotive Embedded System	AXIS GLOBAL Automation	20000	8
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3.6 – Extension Activities

3.6.1 – 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

Celebrating Life	RRC/YRC	30	200
Energy conservation programme	RRC/YRC	30	2002
Aravanaikum anbu illam Orphange visit	Socio Eco club	5	150
Conversation at AG PUDUR village around planted trees	Socio Eco club	10	250
Seedballs Preparation	Socio Eco club	8	250
Family for Chidren Orphange visit	Socio Eco club	10	200
Seminar on Water for All on world water day	Socio Eco club	15	200
Independance Day celebration	NSS	10	750
Campaign on Importance of VOTE	NSS	30	1000
Installation Ceremony of Rotaract Club	Rotract Club	2	250
Awareness Program on Health Hygiene	World Health Organization(WHO)	2	200
Awareness Program on Eye Care Eye Donation	Inner Wheel Club Sankara Eye Hospital	2	200
Socail service activities	4 TN (BN) NCC	1	1
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3.6.2 – 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
GLOBAL TIGER DAY	NCS	NATURE CONSERVATIVE SOCIETY	200
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3.6.3 – 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
RRC/YRC	Sri Shakthi	Celebrating	30	200

		Life AIDS Awareness programme		
RRC/YRC	Sri Shakthi Institute of Engineering and Technology	Energy conservation programme	30	200
Socio Eco Club	Nature Conservative Society ,Cbe (NGO)	Nature camp to Gopinatham wild life santuary ,karnataka	5	100
Socio Eco Club	Environmental Foundation of India EFI (NGO)	Cleanining the Krisnapathy lake on world wet land day	6	100
Womens empowerment cell	Arram foundation	Self vigilance Self Defence	6	100
Womens empowerment cell	Sri Shakthi Institute of Engineering and Technology	women's hygienic	6	100
Womens empower ment cell	Sri Shakthi Institute of Engineering and Technology	personality developement for faculty	3	50
SIET NCC	Sri Shakthi Institute of Engineering and Technology	Swachhta Pakhwada	1	32
SIET NCC	Sri Shakthi Institute of Engineering and Technology	Swathh bharath	1	25
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3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Inplant Training	Students	Self	15
Inplant Training	Students	Student	5
Inplant Training	Students	Student	5
Inplant Training	Students	Student	15
Inplant Training	Students	Student	5
Inplant Training	Students	Student	5
Inplant Training	Students	Student	5
Inplant Training	Students	Student	5
Inplant Training	Students	Student	5

Inplant Training	Students	Student	5
Inplant Training	Students	Student	5
Inplant Training	Students	Self	15
Inplant Training	Students	Self	12
Inplant Training	Students	Self	17
Inplant Training	Students	Self	5
Inplant Training	Students	Self	5
Inplant Training	Students	Self	5
Inplant Training	Students	Self	5
Inplant Training	Students	Self	3
Inplant Training	Students	Self	25
Inplant Training	Students	Self	10
Field Trip	Students	College	1
Field Trip	Students	College	1
Field Trip	Students	College	1
Field Trip	Students	College	1
Field Trip	Students	College	1
Field Trip	Students	College	1
Field Trip	Students	Students	2
Field Trip	Students	College	1
Field Trip	Students	College	1
Field Trip	Students	College	1
Field Trip	Students	College	1
Field Trip	Students	College	1
Field Trip	Students	College	1
Field Trip	Students	College	1
Field Trip	Students	College	1
Field Trip	Students	College	1
Field Trip	Students	students	2
Field Trip	Students	students	2
Field Trip	Students	students	2
Field Trip	Students	students	2
Field Trip	Students	students	2
Field Trip	Students	students	2
Field Trip	Students	students	2
Field Trip	Students	students	2
Field Trip	Students	College	1
Field Trip	Students	College	1
Field Trip	Students	College	1

Inplant Training	Students	Self	15
Inplant Training	Students	Self	10
Inplant Training	Students	Self	17
Inplant Training	Students	Self	12
Inplant Training	Students	Self	10
Inplant Training	Students	Self	15
Inplant Training	Students	Self	10
Inplant Training	Students	Self	5
Inplant Training	Students	Self	10
Field trip	Students	college	1
Field trip	Students	college	1
Field trip	Students	college	1
Field trip	Students	college	1
Field trip	Students	college	1
Inplant Training	Students	Self	27
Inplant Training	Students	Self	15
Inplant Training	Students	Self	15
Inplant Training	Students	Self	15
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3.7.2 – 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
Industry Project	Development and evaluation of pyramid structure for storage of fruits and vegitable	Perks Institute, Coimbatore	18/12/2018	02/10/2019	4
Industry Project	Development and testing of battery powered knapsack pneumatic sprayer	JE Enterprises, Edariyarpala yam,Cbe	18/12/2018	02/10/2019	3
Industry		Roots	18/12/2018	02/10/2019	4

Project	Performance Evaluation of mobile rain gun	Irrigation, Cbe			
Industry Project	Design, Development and field ealuation of Drum seeder attachment to tractor drawn cutivator	Valampuri Industries, P N Pudure,Cbe	18/12/2018	02/10/2019	4
Industry Project	Design and Development of battery operated interculture machine	Bradly Engineering works, Ganapathi	18/12/2018	02/10/2019	4
Industry Project	Development and performence evaluation of battery operated wetland paddy weeder	Sakthi Vinayaga Industries,Ingur road, Perundurai	18/12/2018	02/10/2019	4
Industry Project	Development and testing of engine operated direct wetland paddy drum seeder	Rennaissance Power Products Ltd.	18/12/2018	02/10/2019	4
Industry Project	Development of seed ball making machine	ESI Industry, Cbe	18/12/2018	02/10/2019	4
Industry Project	Performance evaluation of mini tractor operated Rotovator modified as flial mower	Bradly Engineering works, Ganapathi	18/12/2018	02/10/2019	4
Industry Project	Development and evaluation	Sakthi Vinayaga Industries,Ingur road,	18/12/2018	02/10/2019	4

		of tractor operated turmeric harvester	Perundurai			
Internship	Intern	Erode Cancer Centre	10/12/2018	15/12/2018	11
Internship	Intern	NG Hospital	10/12/2018	15/12/2018	2
Internship	Intern	Mechenn	10/12/2018	15/12/2018	12
Internship	Intern	Ganga Hospital	10/12/2018	15/12/2018	4
Internship	Intern	Meenakshi Mission	05/12/2018	17/12/2018	3
Internship	Intern	Thangam Hospital	10/12/2018	15/12/2018	1
Internship	Intern	Baby Memorial Hospital	10/12/2018	15/12/2018	2
Internship	Intern	Muthu Meenakshi Hospital	10/12/2018	15/12/2018	2
Internship	Intern	Cyrix	10/12/2018	15/12/2018	2
Internship	Intern	Sun Shiv	10/12/2018	15/12/2018	19
Internship	Intern	Staan Biomed	10/12/2018	15/12/2018	2
Internship	Intern	Lifecell international, Chennai	17/12/2018	24/12/2018	5
Internship	Intern	Madurai Kamarajar University	01/12/2018	28/12/2018	5
Internship	Intern	Thyrocare, Coimbatore	01/12/2018	15/12/2018	5
Internship	Intern	Azidus,Chennai	18/12/2018	15/01/2019	2
Internship	Intern	Prakruti pharmaceuticals, Karnataka	15/12/2018	28/12/2018	3
Internship	Intern	Sugarcane Breeding Institute, Coimbatore	05/12/2018	03/01/2019	3
Internship	Intern	Bharathiar University, Coimbatore	18/12/2018	02/01/2019	2
Internship	Intern	NG Hospitals, Coimbatore	24/12/2018	03/01/2019	2

Internship	Intern	Maxwill Drugs, Chennai	03/12/2018	31/12/2018	6
Internship	Intern	Mylan Labs, Bangalore	20/12/2018	05/01/2019	1
Internship	Intern	Thyrocare, Coimbatore	01/12/2018	15/12/2018	1
Internship	Intern	Bioline,Cbe	13/12/2018	22/12/2018	6
Internship	Intern	Biotechno solutions, Trichy	06/12/2018	12/12/2018	11
Internship	Intern	Vivek Laboratories, Nagercoil	10/12/2018	24/12/2018	1
Internship	Intern	Hi Tech Clinical Laboratory, Tuticorin	10/12/2018	24/12/2018	1
Internship	Intern	Apollo Hospitals, Madurai	03/12/2018	15/12/2018	2
Internship	Intern	Indian Academy of Sciences, New Delhi	01/06/2018	31/08/2018	1
Internship	Intern	SATHYA CONSTRUCTION CONSTRUCTION AND BUILDERS	01/12/2018	22/12/2018	7
On Job Training	INTERN	SURESH CONSTRUCTIONS	01/12/2018	04/04/2019	1
On Job Training	INTERN	CRYSLERS	01/12/2018	02/04/2019	1
On Job Training	INTERN	THINK AND LEARN	01/12/2018	28/12/2018	5
Internship	intern	Admatic	06/09/2018	22/09/2018	4
Internship	intern	Worksbot	11/08/2018	20/08/2018	2
Internship	intern	Daimler	04/02/2019	31/05/2019	1
Industry Project	Design and Fabrication of AGV with ASRS for library automation	AGIIT, Coimbatore	27/12/2018	31/03/2019	7
Internship	Intern	Roots Industries India Limited	08/01/2019	31/01/2019	2

Internship	Intern	Baytalki Tech Pvt Ltd	08/01/2019	31/01/2019	3
Internship	Intern	Gatway Software Solutions	08/01/2019	31/01/2019	4
Industry Project	Mining Competitors	Minggle labs	26/12/2018	15/03/2019	4
Industry Project	Online discussion system	Minggle labs	30/12/2018	17/03/2019	3
Industry Project	Federated cloud	Vistonsoft technologies	25/12/2018	15/03/2019	3
Industry Project	Cloud storage and security	Vento infotech Pvt Ltd	26/12/2018	15/03/2019	4
Industry Project	Admit Com	Minggle labs	29/12/2018	15/03/2019	4
Industry Project	Data Leakage detection in cloud	Nexgen infotech	26/12/2018	30/04/2019	4
Industry Project	Smart Complaint registration for govt bodies	Minggle labs	26/12/2018	15/03/2019	4
Industry Project	Code transfer and encryption	Nevrless tech pvt ltd	24/12/2018	28/02/2019	3
On job Traning	Web developer Trainee	Fame technologies	01/12/2018	31/03/2019	4
On job Training	Product Engineer	Amphisoft Technologies	15/09/2018	30/09/2018	2
Internship	Intern	Sparkout Tech Solution	27/12/2018	28/02/2019	1
Internship	Intern	GyanMatrix Technologies Pvt Ltd	01/08/2018	31/08/2018	3
Internship	Programmer Analyst Trainee	Excelacom Technologies Pvt Ltd,5/D5 ,Sipcot IT Park,Siruseri 603103	04/03/2018	31/03/2019	4
Internship	Internship Trainee	Dubai Technologies LLC,ART Tower,AI Mina	23/12/2018	28/02/2019	1

		Road,Bur Dub ai,POBox:428 6Dubai.			
Internship	Business Development	Inkmonk,Ch ennai	23/12/2018	28/02/2019	3
Internship	Intern	Wise Otherwise Ventures OPC Pvt Ltd,Bang alore	23/12/2018	28/02/2019	1
Internship	Intern	iExceed technology Solution Private Limited	05/09/2018	30/09/2018	2
Internship	Software Engineer	odessa Solution Private Limited	01/08/2018	03/03/2019	1
Internship	Internship Trainee	Ultramain Software India Private Limi ted,3/5,West Street2,Masa kalipalayam	25/02/2019	28/02/2019	1
Internship	Software Engineer	ThinkAside Technologies	29/12/2018	10/01/2019	1
Internship	Internship Trainee	Unocareer Services Pvt. Ltd. Plot No. 33, Silicon Valley Drive, Image Gardens Road, Madhapur, Hyderrabad 500081.	17/09/2018	17/02/2019	1
Internship	Internship Trainee	Worksbot	11/08/2018	30/08/2019	8
Internship	Intern	Netaxis IT Solutions Pvt. Ltd.	20/08/2019	30/08/2019	1
Internship	Intern Technology	Virtusa	21/05/2019	20/07/2019	1
INTERNSHIP	INTERN	Worksbot Application	03/12/2018	31/05/2019	3
INTERNSHIP	INTERN	Root Industries India Limited	11/02/2019	15/03/2019	1

INTERNSHIP	INTERN	Airport Authority of India Coimbatore	22/02/2019	03/08/2019	4
INTERNSHIP	INTERN	Apsis Solutions	02/01/2019	31/03/2019	4
INTERNSHIP	INTERN	Rently Software Development Pvt Ltd	20/12/2018	20/05/2019	2
INTERNSHIP	INTERN	Iexceed Technology Solution Pvt Ltd	18/12/2018	01/12/2019	4
INTERNSHIP	INTERN	Heptagon Technologies Pvt Ltd	18/12/2018	01/12/2019	1
INTERNSHIP	INTERN	Admatic Solutions	16/07/2018	31/07/2019	2
INTERNSHIP	INTERN	Globetough Technologies Pvt Ltd	20/12/2018	20/05/2019	1
INTERNSHIP	INTERN	Amphisoft	03/12/2018	31/05/2019	1
INTERNSHIP	INTERN	ODESSA Technologies	01/01/2019	30/04/2019	2
INTERNSHIP	INTERN	Smart Skill Solutions	20/12/2018	18/03/2019	3
INTERNSHIP	INTERN	Pramura Software Pvt Ltd	01/01/2019	31/03/2019	7
INTERNSHIP	INTERN	Krish Tec	01/01/2019	30/04/2019	4
INTERNSHIP	INTERN	SIEMENS	26/12/2018	26/02/2019	2
INTERNSHIP	INTERN	Squash App	01/01/2019	30/04/2019	1
INTERNSHIP	INTERN	Pan Tech Solutions	24/12/2018	24/02/2019	4
INTERNSHIP	INTERN	ULTRAMAIN Software India Pvt Ltd	25/02/2019	31/08/2019	3
INTERNSHIP	INTERN	VVDN Technology Pvt Ltd	21/01/2019	21/07/2019	1
INTERNSHIP	INTERN	Hexaware	20/12/2018	20/05/2019	1
INTERNSHIP	INTERN	Exterro	20/12/2018	20/05/2019	1
INTERNSHIP	INTERN	BYJU'S	31/12/2018	30/06/2019	1
Industry Project	Hand Proximity based	Apsis Solution Pvt Ltd	02/01/2019	31/03/2019	4

	Textile Blade Controller				
Industry Project	Fibre Optical Cable Breakage Detector	Rehaboth Constructions	01/01/2019	31/03/2019	4
Industry Project	Priority based Conveyor Feeding System with IOT	Sortier Feeding System	01/01/2019	31/03/2019	4
Industry Project	Design and Fabrication of GSM based Antenna	Arihant systems	11/02/2019	15/03/2019	4
Industry Project	Solar Power Remote Monitoring and Controlling using IOT	Accserv Pvt. Ltd	01/02/2019	31/03/2019	4
Industry Project	Implementation of Digital Wireless Arm for Surface Inspection	Maxine Tec, Bangalore	01/01/2019	31/03/2019	4
Industry Project	Electronic chart display over IP for navigational aids in airport	Airport Authority of India Coimbatore	22/02/2019	08/03/2019	4
Industry Project	Breast Cancer Detection through Mammogram	Macsoft Automation	22/01/2019	20/03/2019	4
Industry Project	Protection of 3 Phase induction Motor in Aerophonic System using Voltage and Current Sensor	IAC Agro Inputs	05/01/2019	10/03/2019	4
Industry Project	Application of Iron	IAC Agro Inputs	12/12/2018	15/03/2019	4

	Sensor in Water Quality Monitoring System				
Industry Project	Aerophonic Monitoring System for IOT based NFT Farm using Web Technology	IAC Agro Inputs	05/01/2019	10/03/2019	4
Industry Project	Capacitive type Sensor for Automatic Grain Moisture Detection	N.N Engineering Products	15/01/2019	10/03/2019	3
Industry Project	PLC and HMI based Watch Case Design	Titan Industries	03/01/2019	31/01/2019	4
Industry Project	Patient Health Monitoring using IOT with Machine Learning	Pantech Industries	01/01/2019	30/04/2019	4
Industry Project	Design and Implementation of GPS based Border Alert and Identification System for Fisherman	Smart Skill Solutions	01/01/2019	30/04/2019	3
Industry Project	Smart Helmet for safety in Mining Industry	Pramura Software Pvt Ltd	01/01/2019	31/03/2019	3
Industry Project	Design of Controller for Sensorless BLDC Motor using PIC for Domestic Application	UMS Technologies limited Unit III	01/01/2019	31/03/2019	1
Industry Project	An Innovative method for Automatic Garbage	Krish Tec	01/01/2019	30/04/2019	4

	using LoRa				
Industry Project	Design and Development of Drivers Driving Pattern Analysis for Automatic License issuing System	BSNL	01/01/2019	31/03/2019	4
Industry Project	Wireless Power Distribution for Electric vehicles	Pramura Software Pvt Ltd	01/01/2019	30/04/2019	4
Industry Project	Improving Energy Efficiency using DMS Controller	SIEMENS	26/12/2018	26/02/2019	4
Industry Project	Cloud Computing based Cyber Defencive Control System with Redundance and Intruder Detection	BSNL,Chennai	01/01/2019	31/03/2019	4
Industry Project	Machine Care Effective Energy Monitoring Model based Wireless Sensor Netwoks	BSNL,Chennai	01/01/2018	31/03/2019	4
Industry Project	IOT based Industrial pollution Monitoring System	Macsoft Automation	01/01/2019	31/03/2019	4
Industry Project	Advanced Electronic Fabric Drape Tester using Image processing	Dinu Technologies	07/01/2019	28/02/2019	4
Industry Project	Fertilizer Plant Automation System	IAC Agro Inputs	03/01/2019	30/01/2019	4

Industry Project	Smart Solution to Water Portable Quality Management using IOT Environment	BSNL	01/01/2019	31/03/2019	4
INTERNSHIP	INTERN	TEXMO PRECISION CASTINGS	31/01/2019	28/02/2019	4
INTERNSHIP	INTERN	ELGI ELECTRIC INDUSTRIES LIMITED	31/01/2019	28/02/2019	4
INTERNSHIP	INTERN	Royal Tech Engineering	31/01/2019	28/02/2019	4
INTERNSHIP	INTERN	INDUS ELECTRONICS INDIA PVT LTD	17/02/2019	15/03/2019	4
INTERNSHIP	INTERN	JAY PUMPS	06/02/2019	20/02/2019	4
INTERNSHIP	INTERN	TTK PRESTIGE LIMITED	21/01/2019	05/02/2019	4
INTERNSHIP	INTERN	GYAN MATRIX	01/08/2018	31/08/2019	4
INTERNSHIP	INTERN	VVDN Technologies	21/01/2019	30/05/2019	4
INTERNSHIP	INTERN	AMPERE VEHICKLES	26/12/2018	31/01/2019	4
INTERNSHIP	INTERN	Sparkout Tech Solution	18/12/2018	19/02/2019	2
INTERNSHIP	INTERN	Lumisence Technologies	15/03/2019	30/03/2019	2
INTERNSHIP	INTERN	Chainsys	20/11/2018	30/11/2018	1
INTERNSHIP	INTERN	MALLOW TECHNOLOGIES	31/12/2018	31/01/2019	1
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 3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Keerthi Pumps	10/10/2019	Inplant Training Internship<placement	150
Golden Electronics Control	31/10/2019	Inplant Training Internship<placemen	100

PVT Ltd		t	
Expert Companion Pvt Ltd	20/05/2019	Traning for Placements	300
Code Tantra Tech Solutions	24/06/2018	Traning for Placements	300
Google Developer Group	07/01/2019	Develop the technical skills, Training and Placement	100
Maxbyte Technologies	29/03/2019	Incubation centre,Placements	305
DHAN Foundation	07/01/2019	industrial training	96
Messer Cutting Systems India Pvt Ltd	04/02/2019	Placements, Internships, Projects, Inplant Training, Industrial Visits, Consultancy etc	41
Auto Print Industries Ltd.	12/02/2019	Projects, Inplant Training, Industrial Visits, Consultancy etc	40
Google Developer Group	07/01/2019	To train students in the technologies supported by Google	300
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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
11500000	9325980

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
Class rooms	Newly Added
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added

Classrooms with Wi-Fi OR LAN	Newly Added
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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Autolib Software	Partially	5.5	2007

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	20542	7527880	311	207666	20853	7735546
e-Journals	6600	313450	Nill	Nill	6600	313450
Digital Database	5	369871	Nill	Nill	5	369871
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Ms.Anitha G	C Programming	Codetantra	09/07/2018
Mr.Navaneethan S	C Programming	Examly	07/01/2019
Ms.Hemalatha S	Data Structures	Codetantra	09/07/2018
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	1067	7	0	0	7	9	20	200	0
Added	215	0	0	0	0	3	30	0	0
Total	1282	7	0	0	7	12	50	200	0

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

200 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 Centre	https://drive.google.com/open?id=1uj6ae

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
600000	426500	900000	721845

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)

All the equipment, instruments, machinery are properly used and maintained as suggested by the manufacturer to minimize the wear and tear and the damage. The institution generates a list of genuine vendors for maintaining and up keeping of the infrastructure and maintenance of the college. Whenever a concerned department needs a requirement or maintenance, the respective staff member forwards a letter of request to the Principal through the Heads of the department with proper justification for the same. The request is further forwarded to The Chairman of the institution with recommendations from the Principal .After getting approval from the chairman the staff member take up the issue and call for the appropriate vendors available in the college list for the estimate. On getting the approval from the management level for the estimate, the work is assigned to the vendor through the purchase department. If the instruments are in annual maintenance/ guarantee period, the information is directly conveyed to the Principal and the service action is carried out by the department. Each Department ensures that the equipment is working properly without error by making calibration test annually. As a procedure, one instrument from each segment is taken up to a calibration centre and remaining instruments are calibrated once in a year. This ensures a precision and good maintenance of instruments which are made available to the students during their practical sessions.

http://siet.ac.in/procedures-and-policies

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	Merit / CGPA / Attendance/ Sports / IEEE Students Chapter / Extra curricular Performance	1360	24754100
Financial Support from Other Sources			
a) National	First Graduate /BC/ MBC/SC/ST	1423	22448050
b)International	NA	Nill	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
Soft skill development	18/06/2018	1999	EBEK Language Lab Pvt Ltd., New No. AD22, 1st floor, 5th Street, 10th Main Road, Anna Nagar, Chennai. Mail ID:chester@ebekindia.com Contact: 7373099230
Remedial coaching	01/08/2018	756	SIET Class Ward Counselor Mrs.R.Kavitha hodmaths@siet.ac.in 9600218212
Language lab	18/06/2018	1363	SIET English dept. Faculty hodenglish@siet.ac.in
Bridge courses	09/07/2018	323	SIET -SH Faculty Mrs.R.Kavitha kavitha@siet.ac.in 9600218212
Yoga and Meditation	18/06/2018	102	SIET Yoga Club Mr.T.Sivaprakasam tsivaprakasam@siet.ac.in 9790038296
Personal Counseling and Mentoring	18/06/2018	2967	SIET Class Ward Counselor Mrs.R.Kavitha hodmaths@siet.ac.in 9600218212
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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	GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State government examinations/Bank Coaching/Career Development	86	2774	17	532
[View File](#)					

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
3	3	15

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	2	B.E	Electrical and Electronics Engineering	Sri Shakthi Institute of Engineering and Technology	ME- Embedded System Technologies
2018	1	B.E	Electrical and Electronics Engineering	PSG College of Technology	ME Control Systems
2018	1	B.E	Electrical and Electronics Engineering	Curtin University	Master of Engineering Science
2018	1	B.E	Electrical and Electronics Engineering	Australian University	Master of Engineering Science
2018	2	B.E	Mechanical Engineering	Sri Shakthi Institute of Engineering and Technology	ME- CAD/CAM
2018	1	B.E	Mechanical Engineering	Vellore Institute of Technology	M.Tech - M anufacturing Engineering
2018	1	B.E	Mechanical Engineering	Carte Detudiant	Msc - Supply Chain and Purchasing Management

2019	1	B.Tech	Information Technology	PSG College of Technology	M.Tech(CSE)
2019	1	B.Tech	Information Technology	KCT Business School	MBA
2019	1	B.E	Computer Science & Engineering	Vellor Institute of Technology	ME-Computer Science and Engineering
2019	1	B.E	Computer Science & Engineering	Sri Shaktthi Institute of Engineering & Technology	ME-Computer Science and Engineering
2019	4	B.E	Agriculture Engineering	PSG College of Technology	M.E(Energy Engineeering)
2019	1	B.E	Mechanical Engineering	PSG College of Technology	M.E - Manufacturing
2019	1	B.E	Mechanical Engineering	Christ University	MBA
2019	1	B.E	Mechanical Engineering	Griffith College	MS - International procurement and sustainable management
2019	1	B.E	Mechanical Engineering	Kaunas Technical University	MS - Industrial Engineering and Management
2019	8	B.E	Electronics and Communication Engineering	Sri Shakthi Institute of Engineering and Technology	ME - Embedded System
2019	3	B.E	Agriculture Engineering	Kongu Engineering College	M.Tech (Food Technology)
2019	1	B.E	Agriculture Engineering	PSG College of Technology	M.E(Energy Engineeering)
2019	2	B.E	Civil Engineering	Coimbatore Institute of Technology	M.E-Structural Engineering
2019	1	B.E	Civil Engineering	Kongu Engineering Colllege	M.E-Structural Engineering

2019	6	B.E	Civil Engineering	Sri Shakthi Institute of Engineering and Technology	M.E-Structural Engineering
2019	1	B.E	Civil Engineering	Jain University	MBA
2018	1	B.Tech	Information Technology	PSG College of Technology	M.Tech (CSE)
2018	1	B.E	Electronics and Communication Engineering	Dr. GRG School of management	MBA
2018	2	B.E	Electronics and Communication Engineering	Sri Krishna College of Engineering & Technology	MBA
2018	1	B.E	Electronics and Communication Engineering	Sri Shakthi Institute of Engineering and Technology	ME-VLSI
2018	1	B.E	Electronics and Communication Engineering	Dr. GRD College of Arts and Science	MBA
2018	3	B.E	Electronics and Communication Engineering	PSG College of Technology	MBA
2018	1	B.E	Electronics and Communication Engineering	Sri Shakthi Institute of Engineering and Technology	ME-VLSI
2018	2	B.E	Electronics and Communication Engineering	Coimbatore Institute of Technology	ME-EMBEDDED SYSTEMS
2018	2	B.E	Electronics and Communication Engineering	Dr. GRD College of Arts and Science	MBA

2018	2	B.E	Electronics and Communication Engineering	Sri Krishna College of Engineering & Technology	MBA
2018	1	B.E	Civil Engineering	Kumaraguru College of Tech	M.E -Structural Engineering
2018	1	B.E	Civil Engineering	Kongu Engineering College	M.E Construction Engineering and Management
2018	3	B.E	Computer Science and Engineering	Sri Shakthi Institute of Engineering and Technology	ME-Computer Science and Engineering
2018	1	B.E	Computer Science and Engineering	Vellor Institute of Technology	ME-Computer Science and Engineering
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	2
GMAT	2
CAT	1
TOFEL	2
Any Other	13
[View File](#)	

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

Activity	Level	Number of Participants
SRI SHAKTHI SUPER T20 South India Inter School Cricket 13	State	34
Anna University zone 9 Men Cricket Tournament 2018 13	State	19
3rd Sengoda Gounder BasketballTournament2018 13	State	20
Sri Shakthi State level Inter School Sports Events2018 13	State	732
41st Coimbatore	State	22

Sahodaya Inter school Hockey tournament – 2018 13			
41st Coimbatore Sahodaya Inter school Cricket tournament – 2018 13	State	15	
10th CENTIES Men Tournaments 2019 13	State	10	
10th CENTIES Athletic Meet – 2019 13	State	10	
Hackathon 19 13	National	150	
Velan Thiruvizha 13	National	5000	
Seminar on Flood Risk Management/ adding value to agriculture/ Why should we switch to Nature? 13	National	200	
Nizhalpadavi Awards National Level Short Flim Festivel 13	National	79	
Kalam Inter College Techno Cultural Fest 13	National	1500	
Shakthis Got Talent Auditions 13	National	400	
Blitz Project expo19 13	National	100	

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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						

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

College creates a platform for the students to actively participate in various academic, administrative bodies. It significantly improves the students leadership and organizational skills. Every department has an active student association and the office barriers are selected based on their academic performance and leadership skills. The association is monitored by senior faculty members who are responsible for the smooth conduct of the association meetings and events. The department student association plays a dominant role in conducting technical events and contests. Special Lectures on current educational and industry scenarios by Eminent speakers and industrialists, Seminars, Workshops, Symposium, National and International Level Conferences and Intercollegiate meet to develop the personality and leadership skills of the student's. Student association also celebrates important days like National

Festivals, Birth/Death Anniversaries of national leaders, International Women's Day, International Yoga Day, Sports Day, Nonviolence Day, Teachers Day, Freshers Day, Farewell Party, Farmers day, Joy, etc. They also involve in organizing cultural festivals like Intercollegiate Meet KALAM, College Day, Sports Day, Onam, Pongal, Velan Thiruvizha, etc. Students participate in class committee meetings, IQAC meetings, Hostel Meeting, and Sports meet. The students feedback about infrastructure, teaching learning, curriculum development is always considered for future enhancement.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes. The Alumni Association of the college has been registered (Registration Number: 329/2017). The Sri Shakthians Alumni association started functioning from the year 20112012. Alumni Association Registration form would be circulated to alumni and the members would be registered during graduation day .Alumnis can be give guest lectures to the junior students, tell suggestion to final year students projects in review times, donate new books to their department libraries.

5.4.2 – No. of registered Alumni:

530

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

14070

5.4.4 – Meetings/activities organized by Alumni Association :

ONDRAAGA (The Reunion 201018) ALUMNI MEET – 2018 was conducted on 22.12.18 Agenda: Sports events Kayaking Fun Event Tree Plantation Photo Booth Department Alumni Interaction Networking Lunch Alumni Meet "Ondragaa" Function Alumni Boot Expo was Conducted on 16.02.2019. Chief Guest: Mr. S. Ramakrishnan, Writer Alumni meet in the 8th Graduation Day was Conducted on 02.09.2018 Chief Guest: Dr. R. Chandra Babu, Vice Chancellor, Kerala Agricultural University

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)

Governing council empowers the Principal to plan and execute the strategies approved by the council, through decentralized governance by delegating authority to all Deans, HODs, various administrative bodies, committees and cells at various levels for better performance. Thus promoting a culture of participative management. To collectively take decisions, various committees such as Class Committee, IQAC, Go Green Committee, IQAC have been formed. The recommendations forwarded by various committees along with the feedback/suggestions of all stakeholders are given due importance during the decision making the process. HODs have operational autonomy in academic pursuits and decision making at the department level. The faculty members are given the responsibility of organizing various academic events and coordinating the professional society/club activities. The Class Advisors and Ward Counsellors play a major role in effectively monitoring the student discipline and tracking their overall performances. Various extension activity units such as NSS, Socio Eco Club, Step Up Club, etc., are playing a vital role in the holistic development of the students' community. Practices of Decentralization and Participative Management during last year: KALAM 19 Intercollegiate Techno

Cultural Fest: Based on the representation from the students of various associations and clubs, the flagship event KALAM which was Intercollegiate cultural fest had been changed as Intercollegiate Techno Cultural Fest. One day event was changed to three days event. All department associations, clubs, faculty, and the management joined hands together for the successful conduct of the event. Students and faculty Incharges were assigned to every event. The events of each department were managed by the respective associations. Cultural and literature events were managed by various student clubs. They were given autonomy in planning, budgeting and conducting the events. Research and Development Cell: A committee is formed by selecting the coordinator and members based on their contribution towards research and development and doctoral qualification. All HOD's would be directly elected as a member of the R D cell. The Cell continuously motivates and monitors all faculty members research related activities. The members of the cell have powers to plan and organize various events to promote the research culture within the Institution. The Principal Investigators of funded projects have operational autonomy to manage the funds received for their projects. Every practice in SIET is decentralized and all the stakeholders are involved in the decisionmaking process.

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

Partial

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	New Regulation and Curriculum matching the industrial needs will be developed for all the courses offered at the institution after becoming autonomous, in order to prepare professionally trained and educated engineering graduates who can face the challenges and make a difference in the society. The institution will also implement a fully flexible credit system in the following years. The institute will also benchmark its curriculum with the top universities in India and also abroad.
Teaching and Learning	Experiential Learning is implemented for all possible courses. In order to improve staff knowledge and skills, the institution is continuing to organize faculty development programs and providing training and development opportunities for all the department faculty and non teaching staff. Steps are being taken to collaborate with foreign universities for student exchange and faculty exchange programs. The institution is supporting all teaching and nonteaching staff members by provisioning parttime registration for higher studies in the institution itself and OnDuty.

Examination and Evaluation	The printed answer booklets are supplied to the students to write the Internal Assessment Test. Two sets of question papers are collected from question paper setters and anyone of the question paper is selected for printing and distribution to the students. The question paper set by the faculty is scrutinized by the senior faculty in the department and HOD and it is approved by the HOD, Principal and Director (Academics) for submission to Academic cell. For common subjects of different branches, Question Paper is set by faculty of anyone in the department cyclically.The Hall and Seating plan are made following the same procedure adopted in the End Semester Examination.The Central Evaluation is completed within 2 days after the last exam in the last years. It is reformed as the evaluation happens in the exam cell itself and the paper has to be evaluated within 3 days of that particular exam.
Research and Development	The eligible departments of the institution will get research center status from Anna University – Chennai. The institution will continue to enhance and encourage the transfer of technology activity through extension, licensing and patent filing. The institution will work towards increasing its faculty members with doctoral degrees, and research and innovation output. The institution will carry out leading edge research activities that address problems and challenges nationally and internationally. The institution will take steps to do collaborative research with other universities abroad.
Library, ICT and Physical Infrastructure / Instrumentation	The institution will upgrade sporting infrastructure to support 25 different sports including Kabadi, Frisbee for the benefit of the students. The development of enhanced teaching and learning resources and facilities will be pursued as a matter of priority. The institution will provide facilities to support access to online learning resources, magazines, journal transactions.
Human Resource Management	To appraise the performance of the faculty, the Key Performance Indicators(KPI) are framed and introduced. The appraisal reports are

	received in two phase and are reviewed through personal interaction. The Key Performance Indicators are framed based on the requirements of various accreditation bodies. The KPI includes the pedagogical initiatives of faculty in teaching learning process, the teaching learning process feedback score, their contribution to mentoring the students for their project and career, contribution in research, Extension and outreach activities, and industry interaction. The KPI had helped the faculty to focus on the key areas, thus impacting the overall quality culture of the institution.
Industry Interaction / Collaboration	Faculties are encouraged to interact with Industries constantly to understand their needs, which helps them to understand the Industry Academia gap. The institution will establish CoE , MoU for Internship, Curriculum development, for reviewing the projects. Constant Industry interactions will be arranged with students
Admission of Students	Interact with the school to spread about the activities carried out in our institution. Conduct of various STEM competitions to the school students. Career guidance to the school students. The institution will strive to support the bright students of the economically weaker section by providing scholarships.

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

E-governace area	Details
Planning and Development	Auti Lib Software Systems, autolib@yahoo.com
Administration	Nest weaver, kr@nestweaver.com
Finance and Accounts	Tally Software is used for accounting.
Student Admission and Support	Nest weaver, kr@nestweaver.com Implemented since 2010 Linways for students attendance management and learning Management
Examination	Examination Management System In House project

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/	Name of the	Amount of support

workshop attended for which financial support provided	professional body for which membership fee is provided	

<div align="center">**No Data Entered/Not Applicable !!!**</div>

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6.3.2 – Number of professional development / administrative training programmes organized by the Colleges 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)

<div align="center">**No Data Entered/Not Applicable !!!**</div>

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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

<div align="center">**No Data Entered/Not Applicable !!!**</div>

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
55	55	8	8

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
9	7	12

6.4 – Financial Management and Resource Mobilization

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

Yes, the college has both Internal Audit External Audit mechanism. Internal Audit: Internal Audit is done by Mr.T.S.Lakshmi venkatraman, B.Com and the scope are Verification of all bills and vouchers, Annual audit of the College accounts External Audit: statutory Audit is done by Mr.T.S.Lakshmi venkatraman, B.Com Gokulam Co., audit the trust accounts and are responsible for filing of returns with IT dept and others.

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

<div align="center">**No Data Entered/Not Applicable !!!**</div>

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6.4.3 – Total corpus fund generated

33642051

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	NBA,NAAC	Yes	IQAC
Administrative	Yes	NBA, NAAC	Yes	IQAC

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

As the motto of Sri Shakthi Institute of Engineering and Technology states Powering the Youth and Empowering the Nation, our institution has committed to improve the holistic personality of the students. 1. The parent teacher association helps the students learning and development also to build genuine relationships with teachers and administrators throughout the academic year. 2. The association also helps in providing constructive feedback on curriculum, various amenities, and facilities at the institution. 3. The performance of the students in academics and career development programs are communicated to the parents. 4. The parents are also given awareness of the challenges and the needs of the current generation.

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

The Staff Development Program (SDP) supports employee development by providing partial or full reimbursement of the cost of courses, seminars, and workshops that enable employees to improve performance in current jobs, prepare for career development, or meet requirements of degree programs related to current performance or planned career development. 1. Full Sponsored training Program in Industry to improve/introduce the teaching and learning methodology 2. Partial Staff development support program to provide financial assistance for staff who attend/publish paper in conference/ journal. 3. Special Leave for pursuing/completing the research.

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

1. Effective functioning of IQAC 2. Four phase Academic Audit 3. Administrative Audit 4. Getting student satisfaction survey and taking actions based on the feedback.

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	Introduction of Performance Evaluation	15/09/2018	15/09/2018	15/09/2018	232

	Matrix for Faculty Evaluation including the Key Perfomance Indicators that reflect the standards set by Accre ditation Bodies such as NAAC, NBA, etc				
2018	FDP on Teaching Met hodologies for Teaching Engineering Resource Persons: Dr. S. Thangavelu, Dr. S. Prakash, Dr. K. E. Kannammal, Dr. Ravikumar, Dr. Vinod Kumar, Dr. Sundar	31/10/2018	31/10/2018	06/11/2018	215
2019	Workshop on IQAC Roles, Repon sibilities, difficulties in Autonomous Institution by Dr. Prasant Nair, Chairman, IQAC, Amrita Institution. Participants All IQAC Department level Coordinators	29/03/2019	29/03/2019	29/03/2019	15
2019	Workshop on Setting up Quality Curriculum by Dr.	30/03/2019	30/03/2019	30/03/2019	12

	Prasant Nair, Chairman, IQAC, Amrita Institution. Participants :Principal, Academic Director, Heads of the departments				
2019	Academic and Administrative Audit	10/05/2019	06/05/2019	10/05/2019	245

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Awareness of Breast cancer, Plastic surgery and Skin banking	29/09/2018	29/09/2018	55	47
Celebrating Life "AIDS awareness program" and Energy conservation program	05/10/2018	05/10/2018	78	127
Self vigilance and self defence for women - Aram foundation charitable trust	06/10/2018	06/10/2018	213	Nill
Women's hygiene for girls	16/10/2018	16/10/2018	47	Nill
Personality development for female faculties	10/01/2019	10/01/2019	30	Nill

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
Environmental Consciousness and Sustainability • College is maintaining the

solar power system. • "Save energy" initiative is taken by the students' by making them switch off lights and fans before leaving the classroom. • To promote Environmental awareness NSS Unit and Rotaract club organizes seminars and student exhibitions. • Socio Eco club and Agriculture department conducts field work and arranges study tours to create awareness and conservation of biodiversity among the students. • Environmental Science" is a course in the curriculum, where the student learns about different environmental issues such as air, water, land and sound pollution, solid waste management, ecosystem, and biodiversity. Alternate Energy initiatives 100 percentage power requirement of the institution met by the solar energy. The Institute have installed solar PV power system to meet the energy requirements. The total power requirement is 195 KW and it is supplied totally by the solar PV power system. After the implementation of automated on/off operation (based on the peak demand) of Diesel generator and integration of Solar PV power generation (from January 2019), fuel consumption and operating hours of Diesel generators were reduced drastically.

7.1.3 – Differently abled (Divyangjan) friendliness

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

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	1	18/06/2018	1	Eye camp	Hospitals are located nearby the college	800
2019	1	1	07/03/2019	1	Awareness program on Eye	Hospitals are located	163

2018	1	1	12/11/2018	1	Tree plantation programme	Planting of saplings within the college premises.	70
2019	1	1	18/02/2019	1	Lecture talk on renewable energy resources	Usage of renewable energy sources for the growing energy needs	378
2019	1	1	05/01/2019	1	Velan Thiruvizhavi	Awareness on growth of Native Livestocks, Seminars and student project expo	109345
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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Rules, Regulations and Code of Conduct for Students	18/06/2018	During the orientation day program and class committee meeting the code of conduct are explained to the students. Weblink: http://siet.ac.in/codeofconduct student
Handbook on Human Values and Professional Ethics	18/06/2018	The Handbook on Human Values and Professional Ethics is published on Institutional website Weblink: http://siet.ac.in/ethicshandbook To inculcate the human values and ethics, a course on Professional Ethics is included in the curriculum. Awareness programmes are also

	organized by various clubs to motivate them in a right manner.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Eye camp	18/06/2018	18/06/2018	800
International Yoga day	21/06/2018	21/06/2018	185
Taking pledge against corruption	24/07/2018	24/07/2018	750
Teacher's day celebration (Debate and poem competition)	05/09/2018	05/09/2018	132
Campaign program by Go Green club	15/09/2018	15/09/2018	446
Tree Plantation	12/11/2018	12/11/2018	70
Lecture talk on renewable energy resources	18/02/2019	18/02/2019	378
Awareness program on Eye Care and Eye Donation	07/03/2019	07/03/2019	163
Awareness program on Health and Hygiene	07/03/2019	07/03/2019	163
Engineers Day	15/09/2018	15/09/2018	652
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Efforts for Carbon neutrality through Plantation The institute maintains substantial green cover. The green foliage includes an impressive array of old trees, garden of flowering plants, crotons alongside a well maintained lawn. A full time gardener is appointed to take care of the garden. The campus is maintained with around 1850 trees (having 40 varieties such as neem, aricanut, indian date palm, mahogany, teak, coconut, scarlet cordia, cassia fistula, albecialibek, cybaruba, tewma, etc.) and 900 plants (having 35 varieties of flowering plants and crotons). Scientific names were given to the trees. For the campus population, 4550 of oxygen is produced by the plants trees inside the campus itself.

2. Awareness Program The institute is organizing awareness programme for the first year students and Tree plantation program at college campus and surrounding villages through various units such as Go Green, NSS and EcoClub. This program includes plantation of various types of ornamental and medicinal wild plant species in large numbers and environmental awareness. This program helps in maintaining ecofriendly environment as well as provides pure oxygen within the institute.

3. Green Agenda in Syllabus Green agenda forms a part of the curriculum (ecosystem, biodiversity, pollution, natural resources) for all the students (third year students in R2013 and first or second year students in R2017).

4. Ecofriendly atmosphere The campus has best ecofriendly atmosphere, which is recognized and certified by NCS. The vehicles are not permitted inside the campus and kept a special place for parking (near the gate entrance), which keeps the campus carbon free. Nearly 4 of students coming from nearby places are using bicycles or coming by walk. Around 65 of the students and staffs are using the college bus for transportation. Pedestrian friendly roads are available in campus for about a kilometer and have been designed with rain gardens that prevent stagnation of waste water.
5. Natural traps as pesticides To avoid the use of pesticides, natural traps are used to kill the insects and beetles which affects the plant growth. In our campus, food traps are used to kill the rhinoceros beetle which damages the trees.
6. Compressed straw blocks are prepared and used for cultivation of plants. Compressed straw inhibits the growth of weeds.
7. Balancing the Ecosystem Cattle (native breed such as Kangayam cattle) farming and swans are bred inside the campus for balancing the ecosystem.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice – 1 Title: Experiential learning Goal: Experiential learning is a process through which students develop knowledge, skills and values from experience. The context: To produce industry ready graduates it is necessary to learn new things and new technologies by doing experiments. Hence higher education institutions provide experiential learning to the students through various tools and practices. The practice: • The adequate infrastructure facilities given to the students. • Frequent field trips are arranged for the students. • ICT tools and models are used for teaching learning process. • To inculcate the experiential learning, the faculty and students are motivated to develop simulations for different concepts, animated videos, biological models, circuit design, etc. • Students are involved in organizing technical events like conferences, symposium and workshops and also organize extracurricular activities. Evidence of success: • Number of student participation in various technical contests are significantly increased and won prizes in National and International level. • The number of students placed in top core companies significantly increased. • Slow learners can easily understand the concepts through this practice. • Faculty members are confident to train the industry persons. • The students are graduated with social values and leadership qualities. Problems encountered and resources required: • More number of collaborations with industries is required. • Students have to balance the academic schedule and regular activities. Best Practice – 2 Title of the Practice: Women Empowerment Goal To create awareness on Women's right and empower women. Context To promote culture of respect, equality for female gender, make them to know about supreme court rules for sexual harassment, inculcate entrepreneurial attitude among young girls are necessary to empower women in society. The Practice • MOU was signed between the institution and Aaram Foundation to promote women empowerment. • Problems and issues related to women are mentored by women teacher for every 15 women mentees. • Special session on grooming for the female faculty was arranged. • Seminar on "Prevention of breast cancer and AIDS" was conducted to create awareness. • Yoga for female faculty and students was conducted by Padma Awardee, oldest Yoga teacher, V. Nanammal. • Organizing debates and discussions on gender equality to enable the students to realize gender sensitization, thus leading to more equality and harmony in family and society. • Dealing amicably with the student victims of exploitation of all sorts maintaining utmost confidentiality of the private life to protect their dignity. • Development of vocational and technical skills among the women students by providing special training to

enable them to become independent earners of their living. • Extending financial assistance to the deserving poor women of disadvantaged sections to help acquire their degrees. • Women empowerment cell and POSH organizes exclusive health camps for women students by women doctors for free treatment of womenrelated health problems and conducting awareness programmes on the importance of sanitation, personal hygiene and prevention of seasonal diseases. Evidence of Success • The confidence level of the women faculty and students has been increased significantly. • Ms. N. Atchaya, Agriculture Engineering, from our institution has represented the social service activity on 14 March 2019 at Palamalai. • Ms. V. Priyanka, Biomedical Engineering, was awarded the Best Student from the Institution of Engineers India. • Dr. L. Sindhia, Assistant Professor, Department of Computer Science and Engineering have received the Shakthi Award for her contribution towards the Tamil language from Malaysia Tamil Munnetra Kazhagam. • Ms. R. P. Narmadha received the best Coordinator award for volunteering the environment related activities from Nature Conservative Society, Coimbatore, on Global Tiger Day Celebrations. • Dr. Sharmy Saimon Mano and Ms. M. Swathy, Assistant professor, Department of biomedical Engineering has received the Best Mentor Award from IICDC. Problems encountered and resources required • Awareness on gender equity should be well communicated to the society. • New rules or update the existing rules regarding the Women safety and sexual harassment to be implemented.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
http://siet.ac.in/downloads/best-practice.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

VISION OF THE INSTITUTION The vision of our Institution is to make the institution one of our nations great engineering schools, recognized nationally and internationally for excellence in teaching, research and public service. We seek to be the preferred destination for students, practitioners seeking an engineering education, employers hiring engineering graduates and organizations seeking engineering knowledge. The main objective of our institution is the research and developmental activities. Research and Development: The Institution gives priority to the research and development, wherein the students and faculties are working to develop innovative concepts into a product. The students and faculty members can access the laboratories at any time for their research purpose. The outcome of the projects can be presented in various conferences and seminars. Valueadded courses are being conducted by the faculty members to enhance the skills required for completing the projects. The products developed by the students have won prizes in the IICDC, Buoyanci, etc which is funded by the Industries. Faculty members of the institution were awarded the projects from the government funding agencies such as DST SERB, DSTNRDMS, DAEBRNS, etc. Various conferences, seminars, and guest lectures are organized to inculcate the research activities among the students. Patents are also being filed by our students and faculties. Ecell was set up in the institution, where the students' ideas/prototypes are converted into the products and they are motivated to participate in events such as Smart India Hackathon, IICDC, Buoyanci, etc. Sri Shakthi Journals was started in the year 2018 and first volume was released in 2019.

Provide the weblink of the institution
http://www.siet.ac.in

8.Future Plans of Actions for Next Academic Year

a) Upgradation of existing laboratories and purchase of equipment to promote Engineering exploration and research activities of student and faculty members. This plan has been initiated at the beginning of academic year 20192020 b) Placement portal has been created to ensure an updated data management system in the college. Placement portal has been planned to include an online archiving of student, companies visited for placement and student placement details. The portal also includes an online feedback system to ensure regular updates in training and assessments. www.srishakthi.ac.in/cdc c) Organization of workshop, seminar and job oriented training by the Career Development cell. The college plans to organize job interviews by MNCs and also organize interactive sessions of final year students with skilled professionals and alumni d) Organization of seminar and workshop by the IQAC to promote the quality improvement strategies in teachinglearning, research, extension related and coand extracurricular activities. e) SIETHR department is also planning to publish a newsletter on the activities conducted/planned inside the campus f) Awareness session on Econtent development at a larger scale and duration to promote the use of Eresources among all faculty members. g) IQAC has planned to start a "Event Management portal" to record the events conducted in the campus h) Faculty members were assigned to develop conference web sites conducted by the departments i) To promote the interdisciplinary product development a new course called "Engineering Exploration" will be introduced from 20192020 batch students in association with NETRA Hubli (IESA and ESSCI initiative.) Identified faculty members will be trained by NETRA. j) SIET has plan to collaborate with foreign universities for credit exchange program from 20192020 onwards k) Plan to embed Lab components in each course in the new 2019 curriculum . l) Encouraging faculty members to complete their doctoral degrees and to continue research activities through quality publications, consultancy and research projects m) Proposal has been submitted to the management to increase the wifi bandwidth from 200 to 500 MBPS.