



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		SRI KRISHNA COLLEGE OF TECHNOLOGY
Name of the head of the Institution		Dr. Srinivasan Alavandar
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		914222984567
Mobile no.		9994051191
Registered Email		info@skct.edu.in
Alternate Email		principal@skct.edu.in
Address		Kovaipudur Coimbatore
City/Town		Coimbatore
State/UT		Tamil Nadu
Pincode		641042
<b>2. Institutional Status</b>		

Autonomous Status (Provide date of Conformant of Autonomous Status)	23-Mar-2011
Type of Institution	Co-education
Location	Urban
Financial Status	private
Name of the IQAC co-ordinator/Director	Dr. A. Balamurugan
Phone no/Alternate Phone no.	914222984567
Mobile no.	9443621770
Registered Email	iqac@skct.edu.in
Alternate Email	a.balamurugan@skct.edu.in

### 3. Website Address

Web-link of the AQAR: (Previous Academic Year)	<a href="http://skct.edu.in/aqar2017-18.pdf">http://skct.edu.in/aqar2017-18.pdf</a>
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### 4. Whether Academic Calendar prepared during the year

Yes

if yes, whether it is uploaded in the institutional website:  
Weblink :

<http://www.skct.edu.in/Academic%20Calendar.pdf>

### 5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	A	3.22	2015	03-Mar-2015	03-Mar-2020

### 6. Date of Establishment of IQAC

01-Apr-2015

### 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
IQAC Meeting 1	15-Sep-2018 1	17
IQAC Meeting 2	24-Nov-2018	17

	1	
IQAC Meeting 3	15-Feb-2019 1	17
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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
CIVIL	MODROBS	AICTE	2018 2	13.5
ECE	MODROBS	AICTE	2018 2	11.5
MECH	Study on Mixing of Cellulose with water using venturi-jet mixer for paper manufacturing application	UGC - SERO (MRP)	2018 2	2.3
MBA	Minor Projects	EDI	2018 1	0.48
MBA	Minor Projects	AICTE	2018 1	3.76
EEE	Students research Projects	TNSCST	2018 1	0.07
MBA	Students research Projects	TNSCST	2018 1	0.17
CIVIL	Human health hazard and control measures in construction industry	ICMR	2018 1	0.4
MECH	Development of Amphibious Rover - For Surveillance, Disaster Rescue Operations	Dassault Systemes, La Fondation, Pune	2018 1	10.91
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**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	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	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No

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

- Best Practices introduced in the Teaching Learning Process
- Curriculum revamping to meet industry needs mapped with AICTE model curriculum
- Orientation Programme for newly recruited teaching staff
- Audit to evaluate the quality of teaching and assessment methods
- Motivation to students for participating in innovative Challenges

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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	Achievements/Outcomes
Participation in Smart India Hackathon	The students were motivated to participate in various National level challenges 180 teams comprising of 1080 students participated in Smart India Hackathon, out of which 2 teams with 12 students were shortlisted for the Grand Finale.
Innovations introduced in TLP	Innovative practices were introduced in TLP which include Flipped Classrooms, field training and Scenario based lab exercises
Curriculum Enrichment	Based on the Stakeholder's feedback obtained from Alumni, Industry and Academic Experts, the Curriculum and Syllabus were revamped to include the latest technologies that meet industry standards and were mapped with AICTE model curriculum
Skill Upgradation by Faculty Members	In the Academic year 201819, Faculty members attended several programmes to upgrade themselves. ? FDP/ STTP 119 ?

	Seminars Workshops 119 ? Conference 91 ? Online Courses Completed 94
Improve R & D activities	The faculty members have published several papers in Journals and Conferences, Patents and have generated funds through consultancy. ? Number of publications in Journals with Scopus/ Web of Science or Pub Med/ Indian Citation Index - 52 ? Number of publications in UGC Journals - 170 ? Number of Patents filed & published - ? Funding amount received - Rs. 41,57,222 ? Number of Consultancies obtained - 6,? Fund generated through Consultancy - Rs. 9,35,600
Student Enrichment Activities	157 Technical programmes like Workshops, Seminars and Technical contests were organized for the students to meet the demands of the industry. ? Seminars & Workshops-36 ? Guest Lectures-46 ? Value added and Online Courses-38 ? Other Technical Events-37
Extension activities	38 programmes like Road Safety Awareness Rally, Blood donation camp, flood relief camps, Visits to homes, Social awareness Programmes, Tree plantation etc., were organized
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<b>14. Whether AQAR was placed before statutory body ?</b>	Yes
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Name of Statutory Body	Meeting Date
Governing Body	14-Nov-2018

<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	Yes
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Date of Visit	15-Dec-2017
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<b>16. Whether institutional data submitted to AISHE:</b>	Yes
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Year of Submission	2019
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Date of Submission	09-Jan-2019
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<b>17. Does the Institution have Management Information System ?</b>	Yes
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If yes, give a brief description and a list of modules currently operational (maximum 500 words)

Yes, The Institution has an exclusive MIS Software through which the administrative work, academic matters are being carried out. The Hostel is also enabled with an exclusive MIS Software through which the student attendance is monitored, the out pass for the students are issued. The website of the college is maintained by the college and is updated on the daily basis. The website consists of Profile of the Institution, Profile of the Management, Courses offered, Department Profile, Faculty Profile, COE Correspondence, Sports Information, Extra Curricular activities, Achievement of the student and the faculty members, Functions and Recent Programmes. The students can check their exam schedule, download hall ticket, check their exam result through the website. The alumni can register online through the website to become an alumnus. The students are given unique mail id with the college domain where the official correspondence are being shared and they can use the same to share their official correspondence with the faculty members. For Teaching and Learning, google classroom is created for each and every subject through which the classroom materials, assessments, instructions and other correspondence regarding the course is being done.

## 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
BTech	IT	Information Technology	23/03/2019
BE	ME	Mechanical Engineering	28/02/2019
ME	ED	Engineering Design	28/02/2019
MBA	MB	Master of Business Administration	22/06/2018
BE	CE	CIVIL ENGINEERING	28/02/2019
ME	SE	Structural Engineering	28/02/2019

BE	CS	Computer Science Engineering	01/03/2019
ME	MC	Computer Science Engineering	01/03/2019
BE	EC	Electronics and Communication Engineering	01/03/2019
ME	AE	Applied Electronics	01/03/2019
BE	EE	Electrical and Electronics Engineering	20/02/2019
ME	PS	Power Systems Engineering	20/02/2019
BE	IC	Instrumentation and Control Engineering	01/03/2019
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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
ME	M.E Power Systems Engineering (PS)	07/06/2018	18PAD107-Personality Development through Life Enlightenment Skills	07/06/2018
ME	M.E Power Systems Engineering (PS)	07/06/2018	18PEES01-Industrial Practice	07/06/2018
BE	B.E Instrumentation and Control Engineering (IC)	13/06/2018	18IC907 Technical Communication Skills	13/06/2018
BE	B.E Instrumentation and Control Engineering (IC)	13/06/2018	18EN012 Workshop Laboratory	13/06/2018
BE	B.E Computer Science Engineering (CS)	09/06/2018	18MA101 Linear Algebra and Differential Calculus	09/06/2018
BE	B.E Computer Science Engineering (CS)	09/06/2018	18EN012 Technical Communication Skills	09/06/2018
BE	B.E Computer	09/06/2018	18CH012	09/06/2018

	Science Engineering (CS)		Engineering Chemistry	
BE	B.E Computer Science Engineering (CS)	09/06/2018	18CS101 C Programming for problem solving	09/06/2018
BE	B.E Computer Science Engineering (CS)	09/06/2018	18MES01 Engineering Graphics	09/06/2018
BE	B.E Computer Science Engineering (CS)	09/06/2018	18MC001 Induction Programme	09/06/2018
BE	B.E Computer Science Engineering (CS)	09/06/2018	18MA201 Integral Calculus And Complex Variables	09/06/2018
BE	B.E Computer Science Engineering (CS)	09/06/2018	18EES12 Fundamentals of Electrical and Electronics Engineering	09/06/2018
BE	B.E Computer Science Engineering (CS)	09/06/2018	18CS201 Open source software	09/06/2018
BE	B.E Computer Science Engineering (CS)	09/06/2018	18CS202 Python Programming	09/06/2018
BE	B.E Computer Science Engineering (CS)	09/06/2018	18PH012 Physics	09/06/2018
BE	B.E Computer Science Engineering (CS)	09/06/2018	18MES02 Engineering Practices Laboratory	09/06/2018
BE	B.E Electronics and Communication Engineering (EC)	09/06/2018	18MA101 Linear Algebra and Differential calculus	09/06/2018
BE	B.E Electronics and Communication Engineering (EC)	09/06/2018	18EES02 Circuit Theory	09/06/2018
BE	B.E Electronics and	09/06/2018	18CSS01 Problem solving	09/06/2018

	Communication Engineering (EC)		using C programming	
BE	B.E Electronics and Communication Engineering (EC)	09/06/2018	18MA201 Integral Calculus and Complex Variables	09/06/2018
BE	B.E Electronics and Communication Engineering (EC)	09/06/2018	18ICS07 Electronic Measurements and Instrumentation	09/06/2018
BE	B.E Electronics and Communication Engineering (EC)	09/06/2018	18EC201 Electron Devices	09/06/2018
BTech	B.Tech Information Technology (IT)	07/06/2018	18MA201 Integral Calculus And Complex Variables	07/06/2018
BTech	B.Tech Information Technology (IT)	07/06/2018	18EES12 Fundamentals of Electrical and Electronics Engineering	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	16EE316-Renewable Energy Systems	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	16ES104-Virtual Instrumentation	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	16EE317-Power Electronics	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	16EE318-Micro processor and Controllers	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	16EE319-Power Electronics Laboratory	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	16EE320-Micro processors and Controllers Laboratory	07/06/2018
BE	B.E Electrical	07/06/2018	16EE321-Power	07/06/2018

	and Electronics Engineering (EE)		System Analysis	
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	16EE322-Digital Signal Processing and its Application	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	16EE323-Principles of Embedded System	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	16EE324-Simulation Laboratory - I	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	16EE602-Mini Project-II	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	15EE325-Power System Protection and Switchgear	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	15EE326-Electric Drives and Control	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	15EE327-Prototype Module Laboratory	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	15EE328-Simulation Laboratory-II	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	15EE603-Project	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	15EE801-Industrial Practice	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	18PMC001 Research methodology and IPR	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	18PMC001- Research methodology and IPR	07/06/2018

BTech	B.Tech Information Technology (IT)	07/06/2018	18IT201 C Programming	07/06/2019
BTech	B.Tech Information Technology (IT)	07/06/2018	18IT202 Information Technology Essentials	07/06/2018
BTech	B.Tech Information Technology (IT)	07/06/2018	18PH012 Physics	07/06/2018
BTech	B.Tech Information Technology (IT)	07/06/2018	18IT203 C Programming Laboratory	07/06/2018
BTech	B.Tech Information Technology (IT)	07/06/2018	18MES02 Engineering Practices Laboratory	07/06/2018
MBA	MBA Master of Business Administration (MB)	22/06/2018	18PNC314Busin ess Research Methods	22/06/2018
MBA	MBA Master of Business Administration (MB)	22/06/2018	18PNC316Produ ction and Operations Management	22/06/2018
MBA	MBA Master of Business Administration (MB)	22/06/2018	18PNC317Busin ess Research Laboratory	22/06/2018
MBA	MBA Master of Business Administration (MB)	22/06/2018	18PNC207Marke ting Management	22/06/2018
MBA	MBA Master of Business Administration (MB)	22/06/2018	18PNC208Human Resource Management	22/06/2018
MBA	MBA Master of Business Administration (MB)	22/06/2018	18PNC209Finan cial Management	22/06/2018
MBA	MBA Master of Business Administration (MB)	22/06/2018	18PNC211Legal Aspects of Business	22/06/2018
MBA	MBA Master of Business Administration (MB)	22/06/2018	18PNC103Accou nting for Managers	22/06/2018
MBA	MBA Master of Business Administration	22/06/2018	18PNC101Manag ement Principles and	22/06/2018

	(MB)		Organisational Behavior	
MBA	MBA Master of Business Administration (MB)	22/06/2018	18PNC106 Business Communication	22/06/2018
MBA	MBA Master of Business Administration (MB)	22/06/2018	18PNC213 Managerial Skills for Effectiveness	22/06/2018
MBA	MBA Master of Business Administration (MB)	22/06/2018	18PNM101 Language	22/06/2018
MBA	MBA Master of Business Administration (MB)	22/06/2018	18PNC315 Entr epreneurship Development	22/06/2018
MBA	MBA Master of Business Administration (MB)	22/06/2018	18PNC318 Rural Immersion Programme	22/06/2018
MBA	MBA Master of Business Administration (MB)	22/06/2018	18PNM302 Aptitude Training	22/06/2018
MBA	MBA Master of Business Administration (MB)	22/06/2018	18PNM303 Outbound Training Programme	22/06/2018
BE	B.E Mechanical Engineering (ME)	09/06/2018	18EN012 Technical communication skills	09/06/2018
BE	B.E Mechanical Engineering (ME)	09/06/2018	18MC001 Mandatory course - I: Induction Programme	09/06/2018
BE	B.E Mechanical Engineering (ME)	09/06/2018	18ME202 Basic Engineering skill laboratory	09/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	18PPS407-Elec tric and Hybrid Vehicles	07/06/2018
BE	B.E Civil Engineering (CE)	11/06/2018	18CE202 Construction Materials , Techniques and Equipments	11/06/2018

BE	B.E Civil Engineering (CE)	11/06/2018	18EES01 Basics of Electrical and Electronics Engineering	11/06/2018
BE	B.E Civil Engineering (CE)	11/06/2018	18MES02 Engineering Practices Laboratory	11/06/2018
ME	M.E Structural Engineering (SE)	11/06/2018	18PSE301 Structural Dynamics	11/06/2018
ME	M.E Structural Engineering (SE)	11/06/2018	18PSE302 Concrete Structures	11/06/2018
ME	M.E Structural Engineering (SE)	11/06/2018	18PSE303 Structural Engineering Laboratory	11/06/2018
ME	M.E Structural Engineering (SE)	11/06/2018	18PSE304 Structural Steel Design	11/06/2018
ME	M.E Structural Engineering (SE)	11/06/2018	18PSE306 Advanced Structural Analysis	11/06/2018
ME	M.E Structural Engineering (SE)	11/06/2018	18PSE307 Computer Aided Structural Analysis and Design Laboratory	11/06/2018
ME	M.E Structural Engineering (SE)	11/06/2018	18PSE601 Project Work-Phase I	11/06/2018
ME	M.E Structural Engineering (SE)	11/06/2018	18PSE602 Project Work-Phase II	11/06/2018
ME	M.E Structural Engineering (SE)	11/06/2018	18PSE603 Implant Training	11/06/2018
ME	M.E Structural Engineering (SE)	11/06/2018	18PMC001 Research Methodology	11/06/2018
ME	M.E Structural Engineering (SE)	11/06/2018	18PSE401 Foundation Structures	11/06/2018
ME	M.E Structural Engineering (SE)	11/06/2018	18PSE402 Aseismic Design of structures	11/06/2018
ME	M.E Structural Engineering	11/06/2018	18PSE403 Advanced	11/06/2018

	(SE)		Concrete Technology	
ME	M.E Structural Engineering (SE)	11/06/2018	18PSE404 Design of Bridges	11/06/2018
ME	M.E Structural Engineering (SE)	11/06/2018	18PSE407 Design of Steel Concrete Composite structures	11/06/2018
ME	M.E Structural Engineering (SE)	11/06/2018	18PSE411 Maintenance and Rehabilitation of Structures	11/06/2018
ME	M.E Structural Engineering (SE)	11/06/2018	18PSE413 Prefabricated Structures	11/06/2018
ME	M.E Structural Engineering (SE)	11/06/2018	18PSE414 Prestressed Concrete	11/06/2018
ME	M.E Structural Engineering (SE)	11/06/2018	18PSE415 Experimental Methods and Model Analysis	11/06/2018
ME	M.E Structural Engineering (SE)	11/06/2018	18PSE417 Advanced Construction Technology	11/06/2018
ME	M.E Structural Engineering (SE)	11/06/2018	18PSE424 Quality Control and Assurance in Construction	11/06/2018
ME	M.E Structural Engineering (SE)	11/06/2018	18POE504 Cost Management of Engineering Projects	11/06/2018
ME	M.E Structural Engineering (SE)	11/06/2018	18POE505 Composite Materials	11/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	18CSS01 Problem Solving using C Programming	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	18ECS01-Analog Electronics	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	18MC001-Induction Programme	07/06/2018
BE	B.E Electrical	07/06/2018	18MES02-	07/06/2018

	and Electronics Engineering (EE)		Engineering Practices Laboratory	
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	18EE201-Basics of Electrical Engineering	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	18EE202-Electrical Circuit Analysis	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	18EN012-Technical Communication Skills	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	18EN012-Technical Communication Skills	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	18MES01-Engineering Graphics	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	18EE203-Electrical Circuit Analysis Laboratory	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	17EE305 - Electrical Machines - I	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	17EE306-Linear and Digital Integrated Circuits	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	17EE307-Instrumentation Engineering	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	17CS212-LINUX and Programming in C++	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	17EE308-Electrical Machines - I Laboratory	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	17EE309-Linear and Digital Integrated	07/06/2018

			Circuits Laboratory	
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	17EE310-Elect rical Machines - II	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	17EE311-Control Systems	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	17EE312-Gener ation, Transmission and Distribution	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	17CS213-Data Structures and Algorithms	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	17EE313-Elect rical Machines - II Laboratory	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	17EE314-Control and Instrumentation Laboratory	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	17EE601-Mini Project-I	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	17EE305 - Electrical Machines - I	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	17EE306-Linear and Digital Integrated Circuits	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	17EE307-Instr umentation Engineering	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	17CS212-LINUX and Programming in C++	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	17EE308-Elect rical Machines - I Laboratory	07/06/2018

BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	17EE309-Linear and Digital Integrated Circuits Laboratory	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	17EE310-Electrical Machines - II	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	17EE311-Control Systems	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	17EE312-Generation, Transmission and Distribution	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	17CS213-Data Structures and Algorithms	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	17EE313-Electrical Machines - II Laboratory	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	17EE314-Control and Instrumentation Laboratory	07/06/2018
BE	B.E Electrical and Electronics Engineering (EE)	07/06/2018	17EE601-Mini Project-I	07/06/2018
ME	M.E Power Systems Engineering (PS)	07/06/2018	15PPS701-Project Work Phase-I	07/06/2018
ME	M.E Power Systems Engineering (PS)	07/06/2018	15PPS801-Research Methodology	07/06/2018
ME	M.E Power Systems Engineering (PS)	07/06/2018	15PPS702-Project Work Phase-II	07/06/2018
ME	M.E Power Systems Engineering (PS)	07/06/2018	18PPS301-Advanced Power System Analysis	07/06/2018

ME	M.E Power Systems Engineering (PS)	07/06/2018	18PPS302-Power System Dynamics-I	07/06/2018
ME	M.E Power Systems Engineering (PS)	07/06/2018	18PPS303-Power System Steady state Analysis Laboratory	07/06/2018
ME	M.E Power Systems Engineering (PS)	07/06/2018	15PPS801-Research Methodology	07/06/2018
ME	M.E Power Systems Engineering (PS)	07/06/2018	18PPS305-Digital Protection of Power System	07/06/2018
ME	M.E Power Systems Engineering (PS)	07/06/2018	18PPS306-Power System Dynamics - II	07/06/2018
ME	M.E Power Systems Engineering (PS)	07/06/2018	18PPS601-Mini Project	07/06/2018
ME	M.E Power Systems Engineering (PS)	07/06/2018	18PPS307-Power System Simulation Laboratory	07/06/2018
ME	M.E Power Systems Engineering (PS)	07/06/2018	18PAD103-Value Education	07/06/2018
ME	M.E Power Systems Engineering (PS)	07/06/2018	18PAD105-Pedagogy Studies	07/06/2018
ME	M.E Power Systems Engineering (PS)	07/06/2018	18PAD106-Stress Management by Yoga	07/06/2018
No file uploaded.				

## 1.2 – Academic Flexibility

### 1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	NIL	01/06/2018
ME	NIL	01/06/2018
No file uploaded.		

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
BE	Civil Engineering	25/06/2018
BE	Computer Science and Engineering	25/06/2018
BE	Electronics and Communication Engineering	25/06/2018
BE	Electrical and Electronics Engineering	25/06/2018
BE	Instrumentation and Control Engineering	25/06/2018
BTech	Information Technology	25/06/2018
BE	Mechanical Engineering	25/06/2018
ME	Structural Engineering	25/06/2018
ME	Computer Science and Engineering	25/06/2018
ME	Applied Electronics	25/06/2018
ME	Power Systems Engineering	25/06/2018
ME	Engineering Design	25/06/2018
MBA	Master of Business Administration	25/06/2018

**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
Research Methodology	11/07/2018	24
ECAD	15/02/2019	40
Simulation Program with Integrated Circuit	12/02/2018	29
Embedded LINUX/C	12/02/2018	22
System Design	12/02/2018	51
CATIA	13/07/2018	48
SOLIDWORKS	05/02/2019	44
Entrepreneurship Awareness Camp	28/08/2018	75
Entrepreneurship Awareness Camp	26/12/2018	80
Entrepreneurship Awareness Camp	07/01/2019	85
No file uploaded.		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
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BE	Civil Engineering	89
BE	Computer Science Engineering	59
BE	Electrical and Electronics Engineering	19
BE	Electronics and Communication Engineering	42
BE	Instrumentation and Control Engineering	30
BTech	Information Technology	41
BE	Mechanical Engineering	78
MBA	Master of Business Administration	229
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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
<ul style="list-style-type: none"> <li>• The institution collects structured feedback from all the stakeholders on the curriculum development, teaching learning processes, infrastructure, course outcome attainment, programme outcome attainment, outcome based education etc.</li> <li>• Feedback from students is obtained on teaching learning processes during the progression, middle and end of the course and semester. The feedback is analysed and corrective actions are carried out to improve lecture delivery, conduction of labs, value added programmes, outcome based education system etc.</li> <li>• Every semester feedback obtained from teachers about the curriculum and infrastructure improvement. The feedback is analysed and the required changes are made in curriculum and new equipments if needed are purchased to enhance teaching learning process and research.</li> <li>• Through online forms and in person feedback is obtained from employers about the program outcome attainment and the progress of our alumni employed. Based on the feedback the changes needed in the curriculum are made with the approval of Board of Studies.</li> <li>• The alumni feedback on program outcome is obtained when alumni visit the institution and also during alumni meet organised in the institution and nearby places for them.</li> <li>• Parents meeting is convened every semester once or twice to get the feedback about the progress of the wards, improvement needed in the curriculum and infrastructure.</li> <li>• The structured feedback obtained is consolidated by the Head of the departments in concurrence with the Head of the Institution. It is then presented in academic council meeting and governing council meeting for necessary actions.</li> </ul>

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Civil Engineering	60	110	53
BE	Computer Science and Engineering	180	353	173
BE	Electronics and Communication Engineering	180	312	151
BE	Electrical and Electronics Engineering	180	213	110
BE	Instrumentation and Control Engineering	60	97	48
BTech	Information Technology	120	239	119
BE	Mechanical Engineering	180	293	145
ME	Structural Engineering	24	46	24
ME	Computer Science Engineering	18	6	3
ME	Applied Electronics	24	0	0
ME	Engineering Design	18	8	4
ME	Power Systems Engineering	24	5	2
MBA	Master of Business Administrations	120	203	120

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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	3706	310	248	30	278

### 2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
278	278	1698	92	92	7286

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

Yes. The institute is following a well structured mentoring system which is benefiting the students not only in academic matters but also in their personal life. The objective of mentoring system is to provide supportive care, advice, and act as a facilitator between the students and parents. Each mentor encourages, nurtures, teaches, offers mutual respect and responds to mentee's needs. Each mentor (faculty member) is assigned a heterogeneous group of 20 students and monitoring the performance of the students in academics and other activities. A constant interaction is happening between the mentor and the mentee in order to bring out a holistic development in the student. Mentors frequently meet and interact to guide, to advice, and to support the mentee. A mentor assigned to a student in the first semester generally continues to be the mentor till the eighth semester. Parents will be informed if the student attendance and the academic performance are not good. Academic Review Meeting (ARM) is conducted once in a semester to discuss about the performance of the learners with their parents and also to establish a bonding among stakeholders, The mentors maintain and update student information records with the attendance information, performance in the internal assessment, and performance in the University examinations. The academic and the non academic performance of the mentees are regularly monitored and updated by the mentors to the needy parents. Mentors communicate each and every development and progress happening in the students through phone. The mentor meets all the students under his/her care once a week without fail. Students may also meet whenever the need arises and discuss their problems with their respective mentors.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
4016	278	1:20

## 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
278	278	41	41	58

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr.Pridhar . T	Associate Professor	Elite in Product Design and Development NPTEL
2019	Mrs. Y Arulsulochana	Assistant Professor	Best Faculty Award in the Department of MBA, Sri Krishna College of Technology
2019	Dr. R.Prabusankar	Professor	Elite in E Business NPTEL
2019	Dr. R.Prabusankar	Professor	Elite in Project Management for Managers NPTEL

2019	Dr. R.Prabusankar	Professor	Management of Field Sales NPTEL EliteSilver
2019	Dr. R.Prabusankar	Professor	Elite in Knowledge Management NPTEL
2019	Dr. R.Prabusankar	Professor	Soft Skills for Business Negotiations and Marketing StrategiesNPTEL EliteSilver
2019	Dr. R.Prabusankar	Professor	Elite in Innovation, Business Models and Entrepreneurship NPTEL
2019	Mr. P. Mayilrajan	Assistant Professor	Elite in Management of Field Sales NPTEL
2019	Mr. Karthikeyan N	Assistant Professor	Elite in Financial Institutions and Market Certificate NPTEL
2019	Ms.L.Gomathy	Assistant Professor	Elite in Introduction to Probability and StatisticsNPTEL
2019	Dr.V.Parimala	Assistant Professor	Elite in Transform Calculus and its applications in Differential Equations NPTEL
2019	Ms. T.Bhavani	Assistant Professor	Best Faculty Award in the Department of Science and Humanities, Sri Krishna College of Technology
2019	Mr.R.Ramesh	Assistant Professor	Best Faculty Award in the Department of Civil, Sri Krishna College of Technology
2019	Dr.Devasena	Associate Professor	Mentor for Smart India Hackathon18
2019	Ms.R.Sujatha	Assistant Professor	Best Faculty award in the Department of CSE, Sri Krishna College of Technology
2019	Ms.Aswini Priyadharssini.A.M	Assistant Professor	Elite in Introduction to Machine

			LearningNPTEL
2019	Ms.Aswini Priyadharssini.A.M	Assistant Professor	Elite in Enhanced Soft Skills and personality Development NPTEL
2019	Ms.Agnes Shiny Rachel.N	Assistant Professor	Topper in Digital Circuits course conducted NPTEL
2019	Ms.K.Gayathree	Assistant Professor	Topper in Fabrication Techniques for MEMS based Sensor: Clinical Perspective course conducted by NPTEL NPTEL
2019	Dr.P.Pandiyam	Assistant Professor	Elite in Power System Analysis NPTEL
2019	Mr.P.Lenin Pugalanthi	Assistant Professor	Best Faculty award in the Department of EEE, Sri Krishna College of Technology
2019	Dr.T.Rajeshkumar	Assistant Professor	Best Faculty Award in the Department of Information Technology, Sri Krishna College of Technology
2019	Dr.S.Sundararaj	Professor	Secretary for ISHRAE Coimbatore Chapter
2019	Dr.S.Sundararaj	Professor	Elitegold in Heat Transfer NPTEL
2019	Mr.R.Rathish	Assistant Professor	Elitegold in Processing of Polymers and Polymer Composites NPTEL
2019	Mr.Raghul K S	Assistant Professor	Elite in Engineering Metrology NPTEL
2019	Mr.Aravindkumar Narayanasamy	Assistant Professor	Elite in Processing of Polymers and Polymer CompositesNPTEL
2019	Mr.Naveen T.K	Assistant Professor	Elite in Heat TransferNPTEL
2019	Mr.S.Vinodh Kumar	Assistant Professor	Elite in Manufacturing of CompositesNPTEL

2019	Dr.Sundararaj S	Professor	Elite in Outcome based pedagogic principles for effective teaching NPTEL
2019	Mr.Arun Karthick	Assistant Professor	Elite in Fundamentals of manufacturing processes NPTEL
2019	Dr.Sundararaj S	Professor	EliteSilver in IC Engines and Gas Turbines NPTEL
2019	Dr.I.Padmanaban	Professor	Best faculty Award from Department of Civil from Nehru College Of Engineering and Technology
2019	Dr.M.DevaPriya	Associate Professor	Elite in Design and Analysis of AlgorithmNPTEL
2019	Dr.P. TamijeSelvy	Professor	Best Paper award in ICSTEM 19 International Conference, KIT, Coimbatore
2019	Mr.K.Ajith .B.Singh	Assistant Professor	Best Faculty Award in the Department of ICE, Sri Krishna College of Technology
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## 2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	CIVIL	Odd Semester NOV / DEC 2018	09/01/2019	01/02/2019
BE	CSE	Odd Semester NOV / DEC 2018	09/01/2019	01/02/2019
BE	ECE	Odd Semester NOV / DEC 2018	09/01/2019	01/02/2019
BE	EEE	Odd Semester NOV / DEC 2018	09/01/2019	01/02/2019
BE	ICE	Odd Semester NOV / DEC 2018	09/01/2019	01/02/2019
BTech	IT	Odd Semester NOV / DEC 2018	09/01/2019	01/02/2019

BE	MECH	Odd Semester NOV / DEC 2018	09/01/2019	01/02/2019
ME	COMPUTER SCIENCE AND ENGINEERING	ODD Semester NOV / DEC 2018	11/01/2019	01/02/2019
ME	APPLIED ELECTRINICS	ODD Semester NOV / DEC 2018	11/01/2019	01/02/2019
ME	POWER SYSTEMS ENGINEERING	ODD Semester NOV / DEC 2018	11/01/2019	01/02/2019
ME	STRUCTURAL ENGINEERING	ODD Semester NOV / DEC 2018	11/01/2019	01/02/2019
ME	ENGINEERING DESIGN	ODD Semester NOV / DEC 2018	11/01/2019	01/02/2019
MBA	MBA	Odd Semester NOV / DEC 2018	12/12/2018	01/02/2019
BE	CIVIL	Even Semester APR / MAY 2019	13/05/2019	05/07/2019
BE	CSE	Even Semester APR / MAY 2019	13/05/2019	05/07/2019
BE	ECE	Even Semester APR / MAY 2019	13/05/2019	05/07/2019
BE	EEE	Even Semester APR / MAY 2019	13/05/2019	05/07/2019
BE	ICE	Even Semester APR / MAY 2019	13/05/2019	05/07/2019
BTech	IT	Even Semester APR / MAY 2019	13/05/2019	05/07/2019
BE	MECH	Even Semester APR / MAY 2019	13/05/2019	05/07/2019
ME	COMPUTER SCIENCE AND ENGINEERING	Even Semester APR / MAY 2019	13/05/2019	05/07/2019
ME	APPLIED ELECTRONICS	Even Semester APR / MAY 2019	13/05/2019	05/07/2019
ME	POWER SYSTEMS ENGINEERING	Even Semester APR / MAY 2019	13/05/2019	05/07/2019
ME	STRUCTURAL ENGINEERING	Even Semester APR / MAY 2019	13/05/2019	05/07/2019
ME	ENGINEERING DESIGN	Even Semester APR / MAY 2019	13/05/2019	05/07/2019
MBA	MBA	Even Semester APR / MAY 2019	03/06/2019	05/07/2019
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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
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0

8229

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://www.skct.edu.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
CIVIL	BE	CIVIL ENGINEERING	64	54	84.38
CSE	BE	COMPUTER SCIENCE AND ENGINEERING	191	176	92.15
ECE	BE	ELECTRONICS AND COMMUNICATION ENGINEERING	183	181	98.91
EEE	BE	ELECTRONICS AND COMMUNICATION ENGINEERING	180	169	93.89
ICE	BE	INSTRUMENTATION AND CONTROL ENGINEERING	53	49	92.45
IT	BTech	INFORMATION TECHNOLOGY	112	108	94.64
MECH	BE	MECHANICAL ENGINEERING	212	174	82.08
MECSE	ME	COMPUTER SCIENCE AND ENGINEERING	4	4	100
MEAP	ME	APPLIED ELECTRONICS	6	6	100
MESE	ME	STRUCTURAL ENGINEERING	24	24	100
MEED	ME	ENGINEERING DESIGN	5	5	100
MEPSE	ME	POSER SYSTEMS ENGINEERING	5	5	100
MBA	MBA	MASTER OF BUSINESS ADMINISTRATIONS	111	108	97.29

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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://www.skct.edu.in/SSS-Analysis%2018-19.pdf>

### 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. M. Devapriya, Dr. B. Balraj Ms G.Lavanya Mr.Boopathi Raja Dr.N.Mohan raj  
Dr.B.Sathish Kumar

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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
International	Dr. P. Tamiye Selvy CSE	Best Paper Award	23/03/2019	ICTEM Conference Committee
National	Dr. Ayyavoo Mithila ECE	STTP/Analog Integrated Circuits: Fabrication Process and its application	13/08/2018	AICTE / IISc Bangalore
National	Mr. R. Thirruna vukkarasu ECE	STTP/ On Biomedical Optics and Instrumentation	03/12/2018	AICTE / IIT Madras
National	Ms.S.Kiruthiga ECE	STTP/Analog Intgrated Circu its:Fabrication Process and Applications	13/08/2018	AICTE/ IISc Bangalore
National	Ms.S.Kiruthiga ECE	STTP/Computer Networks	19/06/2019	MIT, Chennai
National	Ms. K. Gayathree ECE	STTP/ XILINX SoC: FPGA Based Design	18/08/2018	NIT, Trichy/ IIT,
National	Mr.T.K.Naveen MECH	Summer Fellowship Research Fellowship	13/05/2019	IIT Delhi
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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
Any Other (Specify)	.1	ICMR	0.4	0.4
Major Projects	2	AICTE	13.5	10.8
Major Projects	2	AICTE	11.5	11.5
Major Projects	1	Dassault Systemes, La Fondation, Pune	10.91	10.91
Minor Projects	2	UGC SERO (MRP)	2.3	2.15
Minor Projects	0.5	EDI	0.48	0.48
Any Other (Specify)	0.1	AICTE	3.76	3.76
Projects sponsored by the University	0.3	Sri Krishna College of Technology	0.29	0.29
Students Research Projects (Other than compulsory by the University)	0.3	Sri Krishna College of Technology	0.35	0.35
Students Research Projects (Other than compulsory by the University)	.5	TNSCST	0.07	0.07
Students Research Projects (Other than compulsory by the University)	.5	TNSCST	0.17	0.17

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#### 3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

541400

### 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
Campus to Corporate - A Smooth Transition	ICE	06/09/2019
Scope of instrumentation Engineering	ICE	06/09/2019

Core Company Expectations	ICE	06/09/2019
Smart Sensors	ICE	06/09/2019
Industry Readiness	ICE	06/09/2019
Career development for Industrial Instrumentation Engineers	ICE	29/08/2018
ISA Students Leadership Meet	ICE	09/03/2019
Workshop on Intellectual Property Rights	SKCT IPR Cell	10/01/2019
Technical Session on Patent Application Drafting	SKCT IPR Cell	11/01/2019
One day Seminar on 'Human health hazard and control measures in construction industry'	Civil	18/07/2018
Advanced Automation in PLC	EEE	14/03/2019
Industrial Robotics	EEE	14/03/2019
Electrical -CAD [ECAD]	EEE	15/02/2019
Power Production Scenario Smart Grid Development in India	EEE	03/10/2018
Career opportunities in VLSI	EEE	07/09/2019
Advanced Automation in PLC	EEE	14/03/2019
Power Plant Boiler and Drum Level: Control Schemes and Valves	ICE	28/08/2018
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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
Line Follower	Deepanraj A	SNS College	27/02/2019	Student
DTMF Car	Deepanraj A Asrith Raj	NIT Calicut	03/10/2018	Student
Dirt Race	Deepanraj A Asrith Raj	NIT Calicut	03/10/2018	Student
Transporter	Deepanraj A Asrith Raj	NIT Calicut	03/10/2018	Student
DTMF Car	Arun Kumar G	NIT Calicut	03/10/2018	Student
Line Follower	Ramprasath L.S	NIT Calicut	03/10/2018	Student
Gesture Car	Deepanraj A Asrith Raj	NIT Calicut	03/10/2018	Student
Aero Fest	Ragul K Aravind	IIT Madras	02/01/2019	Student

	M Ajith Abinash S			
Hover Mania	Alfahad S	IIT Madras	02/01/2019	Student
Boeing	Ragul K	IIT Madras	02/01/2019	Student
Boieng Aero Challenge	Ragul K Ajith Abinash S Aravind M Arvind T	IIT Madras	02/01/2019	Student
Line Follwer	Line Follower Asrith Raj Deepanraj A Ramprasath L.S Kesavvan K Aswinth Kannan S	CIT	02/01/2019	Student
Buggy Racing	Aravind M	CIT	02/01/2019	Student
Drone Racing	Ajith Abiinash S	NITte Bangalore	07/01/2019	Student
Drone Racing	Ajith Abinash S Aravind M	Eashwari College SRM Campus	21/02/2019	Student
Drone Racing	Arvind T	SNS College	27/02/2019	Student
Drone Racing	Ajith Abiinash S	Mar Athanasius College Kerala	05/02/2019	Student
Line Follower	Ajith Abiinash S Nanda Varman T Kesavvan K	Mar Athanasius College Kerala	05/02/2019	Student
Line Light Follower	Ramprasath L.S Asrith Raj Deepanraj A Aswinth Kannan S	KCT	12/02/2019	Student
EVehicle	Deepanraj A Asrith Raj Aswinth Kannan S Nanda Varman T	KCT	12/02/2019	Student
Line Follower	Deepanraj A Asrith Raj Vignesh S	KCT	12/02/2019	Student
Maze Solver	Praveen S Logesh M Agilesh S	KCT	12/02/2019	Student
Maze Solver	Asrith Raj Deepanraj A Aswinth Kannan S	KCT	12/02/2019	Student
FPY Racing	Ragul K	KCT	12/02/2019	Student
RoboRace	Surya B	NGP College	12/02/2019	Student
RoboRace	Surya B	Mepco College	12/02/2019	Student

Drone Racing	Kesavvan K	VIT Chennai	13/02/2019	Student
Aero Design Challenge	Ragul K	Amrita College	13/02/2019	Student
Buggy Racing	Aravind M	Amrita College	05/02/2019	Student
Line Follower	Ajith Abinash S Deepanraj A	Nandha College	01/02/2019	Student
Drone Racing	Ajith Abinash S Kesavvan K	Kesavvan K Christ College	06/02/2019	Student
Drone Racing	Ajith Abinash S Kesavvan K	Govt College Kannur Kerala	19/02/2019	Student
Drone Racing	Aravind M Ragul K Arvind T Nanda Varman T	PSG Tech	10/02/2019	Student
Robo Soccer	Surya B Vignesh S	PSG Tech	10/02/2019	Student
Robo Race	Surya B Vignesh S	PSG Tech	10/02/2019	Student
Buggy Racing	Aravind M Mukilan K.T	PSG Tech	10/02/2019	Student
RoboViz	Deepanraj A Alfahad S	PSG Tech	10/02/2019	Student
Buggy Racing	Akilan K.T Kamesh Kumar	PSG Tech	10/02/2019	Student
Line Follower	Deepanraj A Asrith Raj	PSG Tech	10/02/2019	Student
Water Rocketry	Thauffek Rohit Rama Krishnan Rudresh	PSG Tech	10/02/2019	Student
RoboRace	Surya B	Knowledge College	16/10/2019	Student
Buggy Racing	Aravind M Akilan K.T Kamesh Kumar	Sri Ramakrishna College	16/02/2019	Student
Drone Racing	Ragul K Ajith Abinash S	MIT Madras	04/03/2019	Student
Drone Racing	Ajith Abinash S Nanda Varman T Asrith Raj	IIST Kerala	06/03/2019	Student
Line Follower	Asrith Raj Alfahad S Nanda Varman T	IIST Kerala	06/03/2019	Student
Drone Racing	Ajith Abinash S Aravind M Arvind T	IITKanpur	13/03/2019	Student
Hover Craft	Akilan Arvind T	IITKanpur	13/03/2019	Student
Boieng Aero Challenge	Arvind T Aravind M Ajith Abinash S	IITKanpur	13/03/2019	Student

Drone Racing	Ajith Abinash S Kesavvan K	NITTrichy	20/03/2019	Student
Drone Racing	Ajith Abinash S Arvind T	SRM Chennai	15/03/2019	Student
Drone Racing	Ragul K Ajith Abinash S	MIT Chennai	12/02/2019	Student
Line Follower Robo Soccer	Deepanraj A Hariselva Kumar S Surya B	P.A College	19/03/2019	Student
Smart India Hackathon (Hardware)	Dr N.Mohanraj Prakash S Keetthana G Vamshdhar N Vignesh Kumar T Harris Abhisheik J Vignesh Madhu J	Smart India Hackathon Bengaluru	12/07/2019	Students Teacher
Smart India Hackathon (Hardware)	Dr.B.Sathish Kumar Dharsan K Balaji R Gokul Prabhakaran Haripriya Akshaya S	Smart India Hackathon Bengaluru	12/07/2019	Students Teacher
Third place in State level Cloud literacy Day Event	SKCT CSE IT	ICT academy	31/01/2019	Institute
Best Faculty Award	Dr.I.Padmanaban Civil	Nehru Group of Institutions, Coimbatore	15/12/2018	Teacher
Distinguished Faculty Award	Dr.M.Lenin Sundar Civil	Venus International Foundation, Chennai	09/07/2019	Teacher
Research Excellence Award	Dr.V.Sreevidya Civil	Institute for Exploring advances in Engineering, Chennai	29/09/2018	Researcher
Best Faculty Award	Mr.R.Ramesh Civil	Sri Krishna Institutions, Coimbatore	13/03/2019	Teacher
AICTE Chhatra Viswakarma AWARD winner	V. Sangeetha Civil Anna John Civil Kaarthika devi Civil S. Sumithra Civil	AICTE -ISTE	20/01/2019	Student
Beaglebone blue	Mr.Karthick H CSE	Innovative Ideas Challenge Shaastra, IIT, Chennai	05/11/2018	Student
SRIJAN Award	Dhinesh Kanna.P	IRSDC, New	05/11/2018	Student

	Pradheep N EEE EEE Pradheep N	Delhi		
Best Award Faculty	Dr.S.Sundararaj	Nehru Group of Institutions, Coimbatore	15/12/2018	Teacher
Drone Racing	Kesavvan K	Saveetha College Chennai	01/09/2018	Student
Drone Racing	Ajith Abinash S	Saveetha College Chennai	01/09/2018	Student
Drone Racing	Nanda Varman T	Saveetha College Chennai	01/09/2018	Student
Drone Racing	Arvind T	Saveetha College Chennai	01/09/2018	Student
Avione Drone Racing	Kesavvan K	NIT Warangal	01/09/2018	Student
AeroModelling	Nanda Varman Nagaraj Manoj	Kongu College	01/09/2018	Student
AeroModelling	Kesavvan K KeerthiVasan RaguNanthan	Kongu College	01/09/2018	Student
AeroModelling	Karan M Kannan R NaveenKumar M	Kongu College	01/09/2018	Student
Avione Drone Racing	Aravind M Arunjunai T Nanda Varman T Gokul S	NIT Warangal	02/09/2018	Student
Hover Mania	Gokul S Aravind M Nanda Varman T Alfahadh S	NIT Warangal	02/09/2018	Student
Albatross	Ragul K Aravind M Ajith Abinash S	NIT Warangal	02/09/2018	Student
ChemECar	Arun Kumar G	NIT Warangal	02/09/2018	Student
Line Follower	Ajith Abinash S Ragul K	NIT Warangal	02/09/2018	Student
Rc Boat	Ajith Abinash S Ragul K	NIT Warangal	02/09/2018	Student
Drone Racing	Ajith Abinash S Kesavvan K Nanda Varman T Aravind M	PSG Tech	03/10/2018	Student
Rc Plane	Arvind T	NIT Calicut	03/10/2018	Student
Hover Mania	Arvind T	NIT Calicut	03/10/2018	Student
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
0	0	0	0	0	01/06/2018

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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
MECH	2
MBA	1
CIVIL	1
ECE	3
EEE	2
ICE	1
IT	3
SH	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)
International	CIVIL	49	1.2
International	CSE	84	1.2
International	ECE	15	1.2
International	EEE	10	1.2
International	ICE	6	1.2
International	IT	8	1.2
International	MECH	14	1.2
International	MBA	19	1.2
International	SH	12	1.2

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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
CIVIL	37
CSE	17
ECE	29
EEE	4
ICE	4
IT	2
MECH	10

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#### 3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
Automated Corrosion Control And	Published	2018410387	19/10/2018

Electrolyte Monitoring In LeadAcid Batteries EEE			
Intelligent Traffic Regulatory System using IoT EEE	Published	2018410330	28/09/2018
Cost Effective Design of Water Flow Indicator - Design EEE	Filed	309013	23/08/2018
Control And Monitoring Of Smart Cultivation In Hydroponic Environment EEE	Published	2018410281	04/08/2019
Human Behaviour Prediction Using Biometrics EEE	Published	2018410195	08/06/2018
Mileage monitoring device for vehicles IT	Published	2018410032	25/01/2019
Depiction and Creation of Modified BioToilet MECH	Published	2018401651	04/06/2018
Method to Control, Monitor and Self Clean for Smart Prepaid MultiStorey Water Distribution System MECH	Published	2018410279	25/07/2018
A Smart Mosquito Control Fish Tank and A Method to Feed Mosquito Larvae and Live Insects to Aquarium MECH	Published	2018410373	03/10/2018
Hybrid Solar Egg Incubator MECH	Published	2018410434	19/11/2018
Fender Panel Mounting Bracket Assembly for a Vehicle to Reduce Head Injury Level of Pedestrian MECH	Published	2019410134	03/04/2019
An Intelligent Traffic Monitoring and Controlling System for Narrow Bridgesand Sharp Turns CSE	Published	2019410183	09/05/2019

Acumen Attendance Monitoring System ECE	Published	2019410093	23/03/2019
Forest Smoke Detection ECE	Published	2019410059	22/02/2019
Smart Water Quality Monitoring System ECE	Published	2019410025	01/02/2019
Fiber Bragg Grating Based Non Zero Dispersion Shifted Fiber For Novel Ultra High Negative Dispersion Compensator ECE	Published	2018410112	17/05/2019
Tutelage Device ECE	Published	2018410219	15/06/2018
Water Based Cooling Cum Fire Extinguisher System For Motor Vehicle EEE	Published	2019410113	21/04/2019
No file uploaded.			

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
Upgrading superior operation performance efficiency of submarine transceiver optical communication systems toward multi tera bit per second	Malathy S., Kumar K.V., Rashed A.N.Z., Vigneswaran D., Eeldien E.S.	Computer Communications	2019	0	Sri Krishna College of Technology	0
The performance of hosting and core materials for slotted core QPCF	Kanmani R., Ahmed K., Roy S., Ahmed F., Kumar Paul B., Mani Rajan M.S.	Optik	2019	0	Sri Krishna College of Technology, Coimbatore	0

in terahertz spectrum						
Graphene oxidebased optical waveguide for moisture sensing in transformer oil	Karthikeyan S., Mezher M.H., Ibrahim F., Vigneshwaran D., Amiri I.S., Zakaria R.	Photonics and Nanost ructures F undamentals and Appl ications	2019	0	Sri Krishna College of Technology , Coimbatore	0
Materials Effect in Sensing Performance Based on Surface Plasmon Resonance Using Photonic Crystal Fiber	Khalek M.A., Chakma S., Ahmed K., Paul B.K., Vigneshwaran D., Zakaria R.	Plasmonics	2019	1	Sri Krishna College of Technology , Coimbatore	1
Predicted fitness based clustering algorithm for manets	Kalaiselvi C., Palaniammal S.	International Journal of Engineering and Advanced Technology	2019	0	Sri Krishna College of Technology , Coimbatore	0
An effective paradigm on selfregulating cautious strategy	Jaipriya S., Malathy S., Anitha G., Renjitha R.	International Journal of Engineering and Advanced Technology	2019	0	Sri Krishna College of Technology , Coimbatore	0
Design and fabrication of copra sweeping robot	Emmanuel Gospel Raj R., Joby Titus T., Sanjana Devi V.S., Nithya Priya S., Adeline Daisy R.	International Journal of Innovative Technology and Exploring Engineering	2019	0	Sri Krishna College of Technology , Coimbatore	0
Advanced vehicle management with cyber physical system and vehicular	Mervin George G., Dhanalakshmi B., Nivetha N.R.P., Sundarrajan	International Journal of Innovative Technology and Exploring	2019	0	Sri Krishna College of Technology , Coimbatore	0

cloud computing	M., Akshya J.	Engineering				
Text recognition with artificial neural networks and openCV	Sunitha Nandhini A., Sujatha R., Padmavathi S., Sampeter S.	International Journal of Recent Technology and Engineering	2019	0	Sri Krishna College of Technology , Coimbatore	0
A probe on document clustering methodologies and its performance metrics	Kalpana P., Tamije Selvy P.	International Journal of Recent Technology and Engineering	2019	0	Sri Krishna College of Technology , Coimbatore	0
Advancement of principal component judgment for the classification and prediction of Alzheimer's disease	Roobini M.S., Lakshmi M.	International Journal of Recent Technology and Engineering	2019	0	Sri Krishna College of Technology , Coimbatore	0
Exploring hybrid and ensemble models for customer churn prediction in telecom sector	Pamina J., Dhiliphan Rajkumar T., Kiruthika S., Suganya T., Femila F.	International Journal of Recent Technology and Engineering	2019	0	Sri Krishna College of Technology , Coimbatore	0
Rainfall prediction using Apriori Algorithm	Refonaa J., Lakshmi M., Kiran A.C.S., Teja A.R.	International Journal of Recent Technology and Engineering	2019	0	Sri Krishna College of Technology , Coimbatore	0
Rainfall prediction using regression model	Refonaa J., Lakshmi M., Abbas R., Raziullha M.	International Journal of Recent Technology and Engineering	2019	0	Sri Krishna College of Technology , Coimbatore	0
Performanc	Udaiyakuma	AEU Intern	2019	0	Sri	0

enhancement of shorted polygonal archimedean spiral antenna using hybrid reflector	r R., Maheswar R., Janani T., Vigneshram R., Amiri I.S., Yupapin P.	International Journal of Electronics and Communications			Krishna College of Technology , Coimbatore	
Quasi photonic crystal fiber for chemical sensing purpose in the terahertz regime: design and analysis	Paul B.K., Ahmed K., Vigneswaran D., Sen S., Islam M.S.	Optical and Quantum Electronics	2019	0	Sri Krishna College of Technology , Coimbatore	0
Effects of TiO <sub>2</sub> on the performance of silver coated on side polished optical fiber for alcohol sensing applications	Kanmani R., Zainuddin N.A.M., Rusdi M.F.M., Harun S.W., Ahmed K., Amiri I.S., Zakaria R.	Optical Fiber Technology	2019	5	Sri Krishna College of Technology , Coimbatore	5
Structural , optical and electrical behavior of ZnO@Ag core-shell nanocomposite synthesized via novel plasmon green mediated approach	Vivek C., Balraj B., Thangavel S.	Journal of Materials Science: Materials in Electronics	2019	0	Sri Krishna College of Technology , Coimbatore	0
Design and analysis of omega shaped slotted multiband antenna	Sumathi K., Malathy S., Jaipriya S., Priyanka B.	International Journal of Engineering and Advanced Technology	2019	0	Sri Krishna College of Technology , Coimbatore	0

DDoS risk in 5G enabled iot and solutions	Gurusamy D., Deva Priya M., Yibgeta B., Bekalu A.	International Journal of Engineering and Advanced Technology	2019	0	Sri Krishna College of Technology , Coimbatore	0
Modified duobinary modulation of optical signals generated by silicon based microring resonator	Sadegh Amiri I., Addanki S., Sampathkumar A., Dhasarathan V., Yupapin P.	Microwave and Optical Technology Letters	2019	1	Sri Krishna College of Technology , Coimbatore	1
Analysis of optical properties and mode distribution of AgSi photonic crystal	Muruganatham P., Revathy V., Vinoth Kumar K., Manikandan V., Yuvaraj S.A., Kuppusamy P.G.	Results in Physics	2019	1	Sri Krishna College of Technology , Coimbatore	1
Gridinterconnected solar photovoltaic system for power quality improvement using extended reference signal generation strategy	Suresh K.P., Ramesh S.	Journal of Testing and Evaluation	2019	0	Sri Krishna College of Technology , Coimbatore	0
Estimation and analysis of highway traffic	Poorani G., Nivedhitha G., Padmavathi S.	International Journal of Innovative Technology and Exploring Engineering	2019	0	Sri Krishna College of Technology , Coimbatore	0
Gis backed parametric surface and ground water	Ragunath S., Leninsundar M.	Indian Journal of GeoMarine Sciences	2019	0	Sri Krishna College of Technology ,	0

quality indexing in the vicinity of a multi utility system tank					Coimbatore	
Dynamic trustee Behaviour pattern for user support and its forecast prediction	Dhamodaran S., Lakshmi M.	International Journal of Innovative Technology and Exploring Engineering	2019	0	Sri Krishna College of Technology , Coimbatore	0
Resource allocation assisted by cloud computing in cyberphysical system (CPS)	Manikandan M., Raghunathan T., Sundarrajan M., Akshya J.	International Journal of Recent Technology and Engineering	2019	0	Sri Krishna College of Technology , Coimbatore	0
Transmittance spectrum in a 1D photonic crystal composed fused silica and sea water	SegoviaChaves F., VinnickPosada H., Dhasarathan V., Mani Rajan M.S.	Optik	2019	0	Sri Krishna College of Technology , Coimbatore	0
Refractive IndexBased Blood Components Sensing in Terahertz Spectrum	Ahmed K., Ahmed F., Roy S., Paul B.K., Aktar M.N., Vigneswaran D., Islam M.S.	IEEE Sensors Journal	2019	7	Sri Krishna College of Technology , Coimbatore	7
On the dual core anisotropic metamaterial clad polarization splitter	Mahalakshmi P., Choudhury P.K., Rajan M.S.M., Sharma M., Maheswarar R.	Optik	2019	1	Sri Krishna College of Technology , Coimbatore	1
Properties of ternary	Abadla M.M.,	Optik	2019	0	Sri Krishna	0

photonic crystal consisting of dielectric/plasma/dielectric as a lattice period	Tabaza N.A., Tabaza W., Ramanujam N.R., Joseph Wilson K.S., Vigneshwaran D., Taya S.A.				College of Technology , Coimbatore	
Analytical and numerical demonstration of phase characteristics on two solitons under the influence of thirdorder dispersion	Udaiyakumar R., Ali N.B., Naicker B.M., Mani Rajan M.S., Yupapin P., Amiri I.S.	Optical and Quantum Electronics	2019	0	Sri Krishna College of Technology , Coimbatore	0
Thermodynamic and water analysis on augmentation of a solar still with copper tube heat exchanger in coarse aggregate	Dhivagar R., Sundararaj S.	Journal of Thermal Analysis and Calorimetry	2019	2	Sri Krishna College of Technology , Coimbatore	2
Dualwavelength transmission system using double microresonator system for EMI healthcare applications	Amiri I.S., Bunruangsang M., Chaiwong K., Udaiyakumar R., Maheswar R., Hindia M.N., Dimiyati K.B., Yupapin P.	Microsystem Technologies	2019	2	Sri Krishna College of Technology , Coimbatore	2
A cryptographic encryption technique byte-Spira	Sanal Kumar S., Anfino Sherfin S.	Journal of Discrete Mathematical Sciences and Crypto	2019	0	Sri Krishna College of Technology ,	0

1 rotation encryption algorithm		graphy			Coimbatore	
Influence of Tool Shoulder Concave Angle and Pin Profile on Mechanical Properties and Microstructural Behaviour of Friction Stir Welded AA7075T651 and AA6061 Dissimilar Joint	Kunnathur Periyasamy Y., Perumal A.V., Kunnathur Periyasamy B.	Transactions of the Indian Institute of Metals	2019	0	Sri Krishna College of Technology , Coimbatore	0
Green Synthesis and Electrical Properties of pCuO/nZnO Heterojunction Diodes	Annathurai S., Chidambaram S., Baskaran B., Prasanna Venkatesan G.K.D.	Journal of Inorganic and Organometallic Polymers and Materials	2019	3	Sri Krishna College of Technology , Coimbatore	3
Smart Assistant for the Physically Challenged	Karthik Kumar M., Raj K., Karthik Kumar M., Raj M.H., Little Judy A.	2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS 2019	2019	0	Sri Krishna College of Technology , Coimbatore	0
Design of SarAdc Based Mixed Signal Architecture for Low Power Application	Thirrunavukkarasu R.R., Kirthika S., Nivetha N., Renuka N.	2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS	2019	0	Sri Krishna College of Technology , Coimbatore	0

		2019				
Design of Portable Land Parameter Measuring Device	Ganesh Prabhu S., Abirami P., Akalya M., Agalya E.	2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS 2019	2019	0	Sri Krishna College of Technology , Coimbatore	0
Smart Leaf Infection Identification and Fertilizer Spray	Ahamed Habib M.A., Aakash S., Harisudhan M., Prakash T.B., Aaron S.	2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS 2019	2019	0	Sri Krishna College of Technology , Coimbatore	0
Smart Car Parking Using Image Processing	Sunmathi S., Sandhya M., Sumitha M., Kirthika A.	2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS 2019	2019	0	Sri Krishna College of Technology , Coimbatore	0
Yielding Power from Dissipation of Dense Materials	Rajangam K., Mithra M., Monisa B., Monisha S., Oveya T., Balraj B.	2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS 2019	2019	0	Sri Krishna College of Technology , Coimbatore	0
Real Time Bus Tracking and Location Updation System	Deebika Shree A., Anusuya J., Malathy S.	2019 5th International Conference on Advanced Computing	2019	0	Sri Krishna College of Technology , Coimbatore	0

		and Communication Systems, ICACCS 2019				
Light Weight Security Framework for IoT	Thenmozhi S., Bala Ranjitha J., Anu S., Jasmine Soniya A.	2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS 2019	2019	0	Sri Krishna College of Technology , Coimbatore	0
Cultivation of plants under Artificial Environmental Parameters to Increase Productivity Rate	Jayakumar R.S., Devi V.S.S., Loshini Rivetha A., Kumar M.R., Mouli S.	2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS 2019	2019	0	Sri Krishna College of Technology , Coimbatore	0
Advances in Vision based Lane Detection Algorithm Based on Reliable Lane Markings	Priyadhars hini P., Niketha P., Saanth aLakshmi K., Sharmila S., Divya R.	2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS 2019	2019	0	Sri Krishna College of Technology , Coimbatore	0
Power Theft Identification System Using Iot	Leninpugal hanthi P., Janani R., Nidheesh S., Rv M., Keerthana I., Senthil Kumar R.	2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS 2019	2019	0	Sri Krishna College of Technology , Coimbatore	0
Web Monitoring and Speed	Saranya R., Punith avalli R.,	2019 5th International	2019	0	Sri Krishna College of	0

Control of Solar Based Bldc Motor with Iot	Nandakumar E., Priya R.	Conference on Advanced Computing and Communication Systems, ICACCS 2019			Technology , Coimbatore	
Smart Electric Vehicle	Khan M.A.R., Gowtham B., Saravanan A.S.A., Bharathi R.A., Elakya A.	2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS 2019	2019	0	Sri Krishna College of Technology , Coimbatore	0
Detection of pH value and Pest control for ecofriendly agriculture	Priyadarsi ni J., Naveen Karthick B., Karthick K., Karthikeyan B., Mohan S.	2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS 2019	2019	0	Sri Krishna College of Technology , Coimbatore	0
Forest Fire Alerting System with GPS Coordinates Using IoT	Jayaram K., Janani K., Jeyaguru R., Kumaresh R., Muralidharan N.	2019 5th International Conference on Advanced Computing and Communication Systems,	2019	0	Sri Krishna College of Technology , Coimbatore	0
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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
Upgrading superior operation performance efficiency	Malathy S., Kumar K.V., Rashed A.N.Z., Vigneswaran	Computer Communications	2019	91	0	Sri Krishna College of Technology , Coimbatore

of submarine transceiver optical communication systems toward multi terabit per second	D., Eeldien E.S.					
The performance of hosting and core materials for slotted core QPCF in terahertz spectrum	Kanmani R., Ahmed K., Roy S., Ahmed F., Kumar Paul B., Mani Rajan M.S.	Optik	2019	46	0	Sri Krishna College of Technology , Coimbatore
Graphene oxidebased optical waveguide for moisture sensing in transformer oil	Karthikeyan S., Mezher M.H., Ibrahim F., Vigneshwaran D., Amiri I.S., Zakaria R.	Photonics and Nanostructures Fundamentals and Applications	2019	34	0	Sri Krishna College of Technology , Coimbatore
Materials Effect in Sensing Performance Based on Surface Plasmon Resonance Using Photonic Crystal Fiber	Khalek M.A., Chakma S., Ahmed K., Paul B.K., Vigneshwaran D., Zakaria R.	Plasmonics	2019	45	1	Sri Krishna College of Technology , Coimbatore
Predicted fitness based clustering algorithm for manets	Kalaiselvi C., Palaniammal S.	International Journal of Engineering and Advanced Technology	2019	4	0	Sri Krishna College of Technology , Coimbatore
An effective paradigm on selfregulating	Jaipriya S., Malathy S., Anitha G.,	International Journal of Engineering and	2019	4	0	Sri Krishna College of Technology ,

cautious strategy	Renjitha R.	Advanced Technology				Coimbatore
Design and fabrication of copra sweeping robot	Emmanuel Gospel Raj R., Joby Titus T., Sanjana Devi V.S., Nithya Priya S., Adeline Daisy R.	International Journal of Innovative Technology and Exploring Engineering	2019	0	0	Sri Krishna College of Technology , Coimbatore
Advanced vehicle management with cyber physical system and vehicular cloud computing	Mervin George G., Dhanalakshmi B., Nivetha N.R.P., Sundarrajan M., Akshya J.	International Journal of Innovative Technology and Exploring Engineering	2019	0	0	Sri Krishna College of Technology , Coimbatore
Text recognition with artificial neural networks and openCV	Sunitha Nandhini A., Sujatha R., Padmavathi S., Sampeter S	International Journal of Recent Technology and Engineering	2019	0	0	Sri Krishna College of Technology , Coimbatore
A probe on document clustering methodologies and its performance metrics	Kalpana P., Tamije Selvy P.	International Journal of Recent Technology and Engineering	2019	0	0	Sri Krishna College of Technology , Coimbatore
Advancement of principal component judgment for the classification and prediction of Alzheimer's disease	Roobini M.S., Lakshmi M.	International Journal of Recent Technology and Engineering	2019	0	0	Sri Krishna College of Technology , Coimbatore
Exploring hybrid and ensemble models for customer churn prediction	Pamina J., Dhiliphan Rajkumar T., Kiruthika S., Suganya	International Journal of Recent Technology and Engineering	2019	0	0	Sri Krishna College of Technology , Coimbatore

in telecom sector	T., Femila F.					
Rainfall prediction using Apriori Algorithm	Refonaa J., Lakshmi M., Kiran A.C.S., Teja A.R.	International Journal of Recent Technology and Engineering	2019	0	0	Sri Krishna College of Technology , Coimbatore
Rainfall prediction using regression model	Refonaa J., Lakshmi M., Abbas R., Raziullha M.	International Journal of Recent Technology and Engineering	2019	0	0	Sri Krishna College of Technology , Coimbatore
Performance enhancement of shorted polygonal archimedean spiral antenna using hybrid reflector	Udaiyakumar R., Maheswar R., Janani T., Vigneshram R., Amiri I.S., Yupapin P.	AEU International Journal of Electronics and Communications	2019	48	0	Sri Krishna College of Technology , Coimbatore
Quasi photonic crystal fiber for chemical sensing purpose in the terahertz regime: design and analysis	Paul B.K., Ahmed K., Vigneswaran D., Sen S., Islam M.S.	Optical and Quantum Electronics	2019	51	0	Sri Krishna College of Technology , Coimbatore
Effects of TiO2 on the performance of silver coated on sidepolished optical fiber for alcohol sensing applications	Kanmani R., Zainuddin N.A.M., Rusdi M.F.M., Harun S.W., Ahmed K., Amiri I.S., Zakaria R.	Optical Fiber Technology	2019	54	5	Sri Krishna College of Technology , Coimbatore
A probe on document clustering methodologies and	Kalpana P., Tamije Selvy P.	International Journal of Recent Technology	2019	0	0	Sri Krishna College of Technology ,

its performance metrics		and Engineering				Coimbatore
Advancement of principal component judgment for the classification and prediction of Alzheimer's disease	Roobini M.S., Lakshmi M.	International Journal of Recent Technology and Engineering	2019	0	0	Sri Krishna College of Technology , Coimbatore
DDoS risk in 5G enabled iot and solutions	Gurusamy D., Deva Priya M., Yibgeta B., Bekalu A.	International Journal of Engineering and Advanced Technology	2019	0	0	Sri Krishna College of Technology , Coimbatore
Modified duobinary modulation of optical signals generated by silicon based microring resonator	Sadegh Amiri I., Addanki S., Sampathkumar A., Dhasarathin V., Yupapin P.	Microwave and Optical Technology Letters	2019	68	1	Sri Krishna College of Technology , Coimbatore
Analysis of optical properties and mode distribution of AgSi photonic crystal	Muruganant ham P., Revathy V., Vinoth Kumar K., Manikandan V., Yuvaraj S.A., Kuppusamy P.G.	Results in Physics	2019	27	1	Sri Krishna College of Technology , Coimbatore
Gridinterconnected solar photovoltaic system for power quality improvement using extended reference signal generation	Suresh K.P., Ramesh S.	Journal of Testing and Evaluation	2019	31	0	Sri Krishna College of Technology , Coimbatore

strategy						
Estimation and analysis of highway traffic	Poorani G., Nivedhitha G., Padmavathi S.	International Journal of Innovative Technology and Exploring Engineering	2019	0	0	Sri Krishna College of Technology , Coimbatore
Gis backed parametric surface and ground water quality indexing in the vicinity of a multi utility system tank	Ragunath S., Lenins undar M.	Indian Journal of GeoMarine Sciences	2019	31	0	Sri Krishna College of Technology , Coimbatore
Dynamic trustee Behaviour pattern for user support and its forecast prediction	Dhamodaran S., Lakshmi M	International Journal of Innovative Technology and Exploring Engineering	2019	0	0	Sri Krishna College of Technology , Coimbatore
Resource allocation assisted by cloud computing in cyberphysical system (CPS)	Manikandan M., Raghunathan T., Sundarrajn M., Akshya J.	International Journal of Recent Technology and Engineering	2019	0	0	Sri Krishna College of Technology , Coimbatore
Transmittance spectrum in a 1D photonic crystal composed fused silica and sea water	SegoviaChaves F., VinnickPosada H., Dhasarathan V., Mani Rajan M.S.	Optik	2019	46	0	Sri Krishna College of Technology , Coimbatore
Refractive IndexBased Blood Components Sensing in	Ahmed K., Ahmed F., Roy S., Paul B.K., Aktar	IEEE Sensors Journal	2019	100	7	Sri Krishna College of Technology ,

Terahertz Spectrum	M.N., Vign eswaran D., Islam M.S.					Coimbatore
DDoS risk in 5G enabled iot and solutions	Gurusamy D., Deva Priya M., Yibgeta B., Bekalu A.	Internatio nal Journal of Engineerin g and Advanced Technology	2019	0	0	Sri Krishna College of Technology , Coimbatore
On the dual core anisotropic metamaterial clad polarizati on splitter	Mahalakshmi P., Choudhury P.K., Rajan M.S.M., Sharma M., Maheswar R.	Optik	2019	46	1	Sri Krishna College of Technology , Coimbatore
Properties of ternary photonic crystal consisting of dielect ric/plasma /dielectri c as a lattice period	Abadla M.M., Tabaza N.A., Tabaza W., Ramanujam N.R., Joseph Wilson K.S., Vign eswaran D., Taya S.A.	Optik	2019	46	0	Sri Krishna College of Technology , Coimbatore
Analytical and numerical demonstrat ion of phase char acteristic s on two solitons under the influence of thirdorder dispersion	Udaiyakuma r R., Ali N.B., Naicker B.M., Mani Rajan M.S., Yupapin P., Amiri I.S.	Optical and Quantum El ectronics	2019	51	0	Sri Krishna College of Technology , Coimbatore
Thermodyna mic and water analysis on augment ation of a solar still with copper	Dhivagar R., Sundararaj S.	Journal of Thermal Analysis and Calori metry	2019	78	2	Sri Krishna College of Technology , Coimbatore

tube heat exchanger in coarse aggregate						
Dualwavelength transmission system using double microresonator system for EMI healthcare applications	Amiri I.S., Bunnangses M., Chaiwong K., Udaiyakumar R., Maheswar R., Hindia M.N., Dimiyati K.B., Yupapin P.	Microsystem Technologies	2019	57	2	Sri Krishna College of Technology , Coimbatore
A cryptographic encryption technique byte-Spiral rotation encryption algorithm	Sanal Kumar S., Anfino Sherfin S.	Journal of Discrete Mathematical Sciences and Cryptography	2019	11	0	Sri Krishna College of Technology , Coimbatore
Influence of Tool Shoulder Concave Angle and Pin Profile on Mechanical Properties and Microstructural Behaviour of Friction Stir Welded AA7075T651 and AA6061 Dissimilar Joint	Kunnathur Periyasamy Y., Perumal A.V., Kunnathur Periyasamy B.	Transactions of the Indian Institute of Metals	2019	24	0	Sri Krishna College of Technology , Coimbatore
Green Synthesis and Electrical Properties of pCuO/nZnO Heterojunction Diodes	Annathurai S., Chidambaram S., Baskaran B., Prasanna Venkatesan G.K.D.	Journal of Inorganic and Organometallic Polymers and Materials	2019	40	3	Sri Krishna College of Technology , Coimbatore
Smart	Karthik	2019 5th I	2019	0	0	Sri

Assistant for the Physically Challenged	Kumar M., Raj K., Karthik Kumar M., Raj M.H., Little Judy A.	International Conference on Advanced Computing and Communication Systems, ICACCS 2019				Krishna College of Technology , Coimbatore
Design of SarAdc Based Mixed Signal Architecture for Low Power Application	Thirrunavukkarasu R.R., Kirthika S., Nivetha N., Renuka N.	2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS 2019	2019	0	0	Sri Krishna College of Technology , Coimbatore
Design of Portable Land Parameter Measuring Device	Ganesh Prabhu S., Abirami P., Akalya M., Agalya E.	2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS 2019	2019	0	0	Sri Krishna College of Technology , Coimbatore
Smart Leaf Infection Identification and Fertilizer Spray	Ahamed Habib M.A., Aakash S., Harisudhan M., Prakash T.B., Aaron S.	2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS 2019	2019	0	0	Sri Krishna College of Technology , Coimbatore
Smart Car Parking Using Image Processing	Sunmathi S., Sandhya M., Sumitha M., Kirthika A.	2019 5th International Conference on Advanced Computing and Communication	2019	0	0	Sri Krishna College of Technology , Coimbatore

		Systems, ICACCS 2019				
Yielding Power from Dissipation of Dense Materials	Rajangam K., Mithra M., Monisa B., Monisha S., Oveya T., Balraj B.	2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS 2019	2019	0	0	Sri Krishna College of Technology , Coimbatore
Real Time Bus Tracking and Location Updation System	Deebika Shree A., Anusuya J., Malathy S.	2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS 2019	2019	0	0	Sri Krishna College of Technology , Coimbatore
Light Weight Security Framework for IoT	Thenmozhi S., Bala Ranjitha J., Anu S., Jasmine Soniya A.	2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS 2019	2019	0	0	Sri Krishna College of Technology , Coimbatore
Cultivation of plants under Artificial Environmental Parameters to Increase Productivity Rate	Jayakumar R.S., Devi V.S.S., Loshini Rivetha A., Kumar M.R., Mouli S.	2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS 2019	2019	0	0	Sri Krishna College of Technology , Coimbatore
Advances in Vision based Lane Detection Algorithm	Priyadharsini P., Niketha P., Saanthalakshmi	2019 5th International Conference on	2019	0	0	Sri Krishna College of Technology ,

Based on Reliable Lane Markings	K., Sharmila S., Divya R.	Advanced Computing and Communication Systems, ICACCS 2019				Coimbatore
Power Theft Identification System Using Iot	Leninpugal hanthi P., Janani R., Nidheesh S., Rv M., Keerthana I., Senthil Kumar R.	2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS 2019	2019	0	0	Sri Krishna College of Technology , Coimbatore
Web Monitoring and Speed Control of Solar Based Bldc Motor with Iot	Saranya R., Punithavalli R., Nandakumar E.,	2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS 2019	2019	0	0	Sri Krishna College of Technology , Coimbatore
Smart Electric Vehicle	Khan M.A.R., Gowtham B., Saravanan A.S.A., Bharathi R.A., Elakya A.	2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS 2019	2019	0	0	Sri Krishna College of Technology , Coimbatore
Detection of pH value and Pest control for ecofriendly agriculture	Priyadarsi ni J., Naveen Karthick B., Karthick K., Karthikeyan B., Mohan S.	2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS 2019	2019	0	0	Sri Krishna College of Technology , Coimbatore
Forest	Jayaram	2019 5th I	2019	0	0	Sri

Fire Alerting System with GPS Coordinates Using IoT	K., Janani K., Jeyaguru R., Kumaresh R., Muralidharan N.	International Conference on Advanced Computing and Communication Systems, ICACCS 2019				Krishna College of Technology , Coimbatore
Gesture Controlled Wireless Agricultural Weeding Robot	Gokul S., Dhiksith R., Sundaresh S.A., Gopinath M.	2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS 2019	2019	0	0	Sri Krishna College of Technology , Coimbatore
Automatic chocolate vending machine	Kanagasabapathi V., Naveenraj K., Neelavarnan V., Naveen Raj S.	2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS 2019	2019	0	0	Sri Krishna College of Technology , Coimbatore
Digitilized water consumption tracking cum awareness system	Gokul R., Ashwinkarthik S., Arunraj A., Balaji S., Pandiyan P.	2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS 2019	2019	0	0	Sri Krishna College of Technology , Coimbatore
Charging Station for EVehicle using Solar with IOT	Akila A., Akila E., Akila S., Anu K., Elzalet J.	2019 5th International Conference on Advanced Computing and Communication	2019	0	0	Sri Krishna College of Technology , Coimbatore

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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	12	67	57	83
Presented papers	75	3	0	0
Resource persons	1	2	2	2
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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)
MECH	Kondaia Engineering Company Private Limited, Coimbatore	Kondaia Engineering Company Private Limited, Coimbatore	89000
MECH	Analysis of 80 Feet trailer	Namakkal Transport Corporation Ltd, Namakkal	84000
MBA	Direct Marketing	The Hindu Newspaper Direct Marketing	39000
EEE	Modifications in design for V3F drive sudden movement and break issues rectification.	Prompt (Madras) Elevators Co., Chennai	298500
EEE	Electrical design and panel board Erection and Testing	Newho Properties and Buildings, Coimbatore	125100
ICE	Automated Pet bottle manufacturing machine	Bhairavi Pet Bottle Industries Pvt. Ltd., Coimbatore	300000
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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
Mr.Karthik Veer Chief Advisor, Social Mantri, Coimbato	Management Development Programme on Unboxing	Industry and Academia	34000	16

re Prof.M J Xavier Former Director, IIMRanchi	Digital Marketing for Corporates		
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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
Flood relief materials send to Kerala	Rotract Club	2	50
Blood Donation camp	Primary Health center Madhukarai	3	47
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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
Blood donation camp	Appreciation certificate	Primary Health center Madhukarai	47
Music therapy program for cancer patients.	Appreciation certificate	The Ashwin Maharaj foundation	10
PMKVYMetal Inert Gas Welder	PMKVY Training Center	AICTE	25
PMKVYLathe Operator	PMKVY Training Center	AICTE	25
PMKVY Business Correspondent Business Facilitator	PMKVY Training Center	AICTE	25
PMKVY Salesman	PMKVY Training Center	AICTE	25
PMKVY Documentation Assistant	PMKVY Training Center	AICTE	25
PMKVY Travel Consultant	PMKVY Training Center	AICTE	25
PMKVY Business Correspondent Business Facilitator	PMKVY Training Center	AICTE	25
PMKVY Salesman	PMKVY Training Center	AICTE	25
PMKVY Documentation Assistant	PMKVY Training Center	AICTE	25

PMKVY Travel Consultant	PMKVY Training Center	AICTE	25
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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 activities	Number of students participated in such activities
Awareness program	Kaumaram Prashanthi Academy	Awareness on AUTISM	2	200
Awareness program	Mr.Deepak Venkatachalam	Awareness on wildlife Safety	2	200
Awareness program	Col.Mangesh Wankhade	Surgical strike day	4	200
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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
Research Publication	J Beschiraja, J Pamina, P Madhavan, A Sampathkumar	Institution	.6
Research Publication	G Karthika renuka, Akhalya, S Soundarya	Institution	.6
Research Publication	Dr. R. Magesh Kumar, S Siamaladevi, Praising Linijah, Nisha Malini	Institution	.6
Research Publication	M. Sujaritha, R Sujatha	Institution	.6
Research Publication	M.Balaji Jagannath Das, D Vigneshwaran	Self	1
Research Publication	Anwar Bahadoran, D Vigneshwaran	Institute	1
Research Publication	M.M.Ariannejad, D Vigneshwaran	Institute	1
Research Publication	Dena M. El-Amassi, D Vigneshwaran	Institute	1
Research Publication	Bikash KumarPaul, D Vigneshwaran	Institute	1
Research Publication	Naim Ben Ali, D Vigneshwaran	Institute	1
Research Publication	Ayman A.Ameen, D Vigneshwaran	Institute	1
Research Publication	Bikash KumarPaul, D Vigneshwaran	Institute	1

Research Publication	Kawsar Ahmed, D Vigneshwaran	Institute	1
Research Publication	I.SAmiri, D Vigneshwaran	Institute	1
Research Publication	Md.Saiful Islam, D Vigneshwaran	Institute	1
Research Publication	Mazen M.Abadla, D Vigneshwaran	Institute	1
Research Publication	G.R.Kanagachidambaran, D Vigneshwaran	Institute	1
Research Publication	Vishnu Murthy K, EEE/SKCT Ashok Kumar L, EEE/PSGCT Dhayaneswaran Y, R&D/LMW Machines Work Pvt Ltd.	Self	1
Research Publication	Dr. B. Balraj, EEE/SKCT Dr. S. Thangavel, EEE/NITPY	Institute	1
Research Publication	Ponmurugan P, EEE/SKCT Rengarajan N, EEE/NEC	Self	1
Research Publication	Dr.T.Chinnadurai ICE	Self	.6
Research Publication	Dr Dejey, Anna University, Tirunelveli IT	Institute	1
Research Publication	S. Ragunath, Dr.M.Lenin Sundar	Institution	.6
Research Publication	S. Balamurugan, Dr.M.Lenin Sundar	Institution	1
Research Publication	R.Aiswarya, S.Nithila	Institution	1
Research Publication	R.Aiswarya, S.Nithila, Dr.I.Padmanaban	Institution	1
Research Publication	Ida Nesaline, Dr.V.Sreevidya, R.Ramesh	Institution	1
Research Publication	G.Sindhu, Dr.V.Sreevidya, Mahima Ganeshan	Institution	1
Research Publication	V.Poornima, Dr.V.Sreevidya	Institution	1
Research Publication	M.P.Karthik, Dr.V.Sreevidya, Arul Gnappagasam, N.Saravanakumar	Institution	1

Research Publication	S.Antony Jeyendran, Dr.V.Sreevidya, M.Keerthika	Institution	1
Research Publication	V. Praveen Jesuraj, Dr.V.Sreevidya	Institution	1
Research Publication	Sangeetha, M., Karthikeyan, N. K., Tamiyeselvy, P., & Nachammai, M.	Institution	.6
Research Publication	M. Sangeetha N. K. Karthikeyan P. Tamiyeselvy	Institution	.6
Research Publication	"Dr. P Tamiye Selvy V. Suriya Prakash S. Shriram, N.Vimalesh"	Institution	.6
Research Publication	A. Sunitha Nandhini, T. S. Rajesh Kumar	Institution	.6
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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	Internship	Balamurugan Associates, Coimbatore	02/06/2018	23/06/2018	4
Industry	Internship	SVM Construction, Salem.	02/06/2018	17/06/2018	1
Industry	Internship	RR housing India Private Limited, Coimbatore	10/06/2018	26/06/2018	1
Industry	Internship	Saksham Construction and Water proofing, Maharashtra	03/06/2018	15/06/2018	1
Industry	Internship	Ashirvad Construction, Maharashtra.	15/06/2018	30/06/2018	1
Industry	Internship	Maneckam. K.N, Non Pariel, Coimbatore.	28/05/2018	12/06/2018	8

Industry	Internship	Success India Promoters, Coimbatore	03/06/2018	18/06/2018	3
Industry	Internship	Abirami Constructions, Nammakkal.	30/05/2019	23/06/2019	1
Industry	Internship	National Highways, Salem	06/05/2019	20/05/2019	1
Industry	Internship	ARR Co, Coimbatore	28/05/2019	13/06/2019	1
Industry	Internship	Jayam Constructions, Kurinjipadi	02/05/2019	16/05/2019	1
Industry	Internship	RR Co, Trichy	09/06/2019	18/06/2019	1
Industry	Internship	Chitra construction, Smolagoundan palayam, Erode	16/05/2019	05/06/2019	3
Industry	Internship	Samashti Infra, Hyderabad	20/05/2019	10/06/2019	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
Eco Green Technologies, Coimbatore	09/10/2018	Internship, Guest Lecture, Project collaboration	69

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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
1540.75	1853.46

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Newly Added
Seminar Halls	Existing

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

#### 4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
PALPAP INSPROPLUS	Fully	VISUAL STUDIO 2005	2010

##### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	70826	19839776	999	440765	71825	20280541
Reference Books	4323	1537000	0	0	4323	1537000
e-Books	500000	1500	0	0	500000	1500
Journals	159	402837	0	0	159	402837
e-Journals	3139	1334024	0	0	3139	1334024
CD & Video	8231	110000	0	0	8231	110000
Weeding (hard & soft)	194	17951	0	0	194	17951

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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
Mr.R.Nelson	Computational Mechanics	Power Point and Activinspire	07/01/2019
Mr.K.S.Raghul	17ME311 Kinematics of Machinery	Power Point and Activinspire	14/12/2018
Mr.K.P.Boopathiraja	Mr.K.P.Boopathiraja Engineering Mechanics	Power Point and Activinspire	07/01/2019
Mr.M.Romeo Antony	16ME425 Lean Manufacturing	Power Point and Activinspire	26/12/2018
Mr.R.Harikrishnan	16ME421 Rapid Prototyping and Modern	Power Point and Activinspire	12/06/2018

	Manufacturing Methods		
Mr.R.Harikrishnan Mr.Naveen T.K	16ME410 Renewable Sources of Energy	Power Point and Activinspire	18/12/2018
Mr.M.Rajeswaran	16ME504Product Development	Power Point and Activinspire	07/01/2019
Mr.Daniel Dickson Jeyakumar	Renewable Sources of Energy	Power Point and Activinspire	18/12/2018
Dr. K. Rajangam	16EE322 Digital Signal Processing And Its Applications	Power Point and Activinspire	17/12/2018
Dr. E. Nandakumar	17EE310 Electrical Machines II	Power Point and Activinspire	17/12/2018
Dr. S. Vimalraj	Basics of Electrical and Electronics Engineering	Power Point and Activinspire	21/01/2019
Dr.G.Sivagnanam	Principles of Electrical Engineering	Power Point and Activinspire	25/08/2018
Dr.R.Ambika	Principles of Electrical Engineering	Power Point and Activinspire	28/06/2018
Ms. V.S. Sanjana Devi	18EE202Electrical Circuit Analysis	Power Point and Activinspire	12/01/2019
Dr.A.Prakash	17EE307 Linear and Digital Integrated Circuits	Power Point and Activinspire	26/06/2018
Dr. P. Ponmurugan	18EE201 Basics of Electrical Engineering	Power Point and Activinspire	12/01/2019
Dr. S. Saravanan	16CS208 Microprocessors Microcontrollers	Power Point and Activinspire	12/07/2018
Dr. B. Balraj	16ES104 Virtural Instrumentation	Power Point and Activinspire	25/06/2018
Dr. P. Pandiyan	16EE414Special Electrical Machines	Power Point and Activinspire	07/12/2018
Ms.P.Sangeetha	Basics of Electrical and Electronics Engineering	Power Point and Activinspire	22/01/2019
Ms.M.Divya priyadarshini	Generation, Transmission and Distribution	Power Point and Activinspire	17/12/2018
Ms.J.Priyadarshini	Principles of Embedded Systems	Power Point and Activinspire	12/12/2018
Ms. S. Ashadevi	15EE405Power Quality	Power Point and Activinspire	16/06/2018

Ms. A. Elakya	16EE406 High Voltage Engineering	Power Point and Activinspire	17/12/2018
Ms.G.Sukanya	Basics of Electrical and Electronics Engineering	Power Point and Activinspire	21/01/2019
Ms. A. Gayathri	17EE305Electrical MachinesI	Power Point and Activinspire	26/06/2018
Mr. K. Vishnu Murthy	18EES04 Principles of Electrical and Electronics Engineering	Power Point and Activinspire	21/01/2019
Ms.K.Janani	16EE321 Power System Analysis	Power Point and Activinspire	19/12/2018
Ms. S. Abirami	18EES04 Principles of Electrical and Electronics Engineering	Power Point and Activinspire	12/06/2018
Ms.P.Kausalyadevi	Modern power generation systems	Power Point and Activinspire	11/06/2019
Ms. J. Joys Nancy	17EE307 and Linear and Digital Integrated Circuits	Power Point and Activinspire	26/06/2018
Mr.R.Sathish Kumar	Power System Protection and Switchgear	Power Point and Activinspire	28/06/2018
Dr. M. Deva Priya	17CS309 Design and Analysis of Algorithms	Power Point and Activinspire	17/12/2018
Dr.S.Bhuvana	DataWarehousing and Mining	Power Point and Activinspire	26/06/2018
Dr.S.Bhuvana	17CS307Database Management System	Power Point and Activinspire	17/12/2018
Dr.S.Bhuvana	16CS614Datawarehousing and mining	Power Point and Activinspire	17/12/2018
Ms.P.AnanthaPrabha	Digital Principles and System Design	Power Point and Activinspire	26/06/2018
Ms.P.AnanthaPrabha	Data Analytics	Power Point and Activinspire	19/12/2018
Dr.S.SiamalaDevi	Operating Systems	Power Point and Activinspire	26/06/2018
Dr.S.SiamalaDevi	17CS307 Database Management System	Power Point and Activinspire	17/12/2018
Ms.E.DhivyaPrabha	C Programming for Problem Solving	Power Point and Activinspire	09/09/2018
Ms.E.DhivyaPrabha	Problem solving using C Programming	Power Point and Activinspire	09/09/2018
Ms.E.DhivyaPrabha	18CS202 Python Programming	Power Point and Activinspire	19/01/2019

Ms.P.Kalpana	Datastructures and Algorithm	Power Point and Activinspire	29/06/2018
Ms.P.Kalpana	17CS213RData Structures Algorithms	Power Point and Activinspire	17/12/2018
Ms.R.Anitha Nithya	Data Science	Power Point and Activinspire	28/06/2018
Ms.R.Anitha Nithya	17CS308Computer Architecture	Power Point and Activinspire	17/12/2018
Ms.R. Sujatha	Aritifcial Intellegence	Power Point and Activinspire	27/06/2018
Ms.R. Sujatha	17CS314Design And Analysis of Algorithms	Power Point and Activinspire	17/12/2018
Ms. D. Sharmila Rani	Theory of Computation	Power Point and Activinspire	27/06/2018
Ms. D. Sharmila Rani	16CS316Compiler Design	Power Point and Activinspire	17/12/2018
Ms. R.Asmitha Shree	Data Structures and algorithm	Power Point and Activinspire	26/06/2018
Ms. R.Asmitha Shree	16CS408Python Programming	Power Point and Activinspire	17/12/2018
Ms. N.Kiruthiga	C Programming for Problem Solving	Power Point and Activinspire	09/09/2018
Ms. N.Kiruthiga	Problem solving using C Programming	Power Point and Activinspire	09/09/2018
Ms. N.Kiruthiga	18CS202 Python Programming	Power Point and Activinspire	19/01/2019
Ms.F.Femila	Software Testing and Quality Assurance	Power Point and Activinspire	29/06/2018
Ms.F.Femila	18CS201Open Source Software	Power Point and Activinspire	19/01/2019
Ms.R.Anitha	Internet of Things	Power Point and Activinspire	27/06/2018
Ms.R.Anitha	16CS319 Virtualization Cloud	Power Point and Activinspire	19/12/2018
Ms.S.Nivedha	User experience design	Power Point and Activinspire	27/06/2018
Ms.S.Nivedha	17CS306 Fundamentals of open source software	Power Point and Activinspire	17/12/2018
Ms.T.Suganya	Crytography Network Security	Power Point and Activinspire	27/06/2018
Ms.T.Suganya	Cyber Security	Power Point and Activinspire	27/06/2018

Ms.T.Suganya	16CS412 Software Testing and Quality Assurance	Power Point and Activinspire	17/12/2018
Ms.A.Sunitha Nandhini	C Programming for Problem Solving	Power Point and Activinspire	09/09/2018
Ms.A.Sunitha Nandhini	Problem solving using C Programming	Power Point and Activinspire	09/09/2018
Ms.A.Sunitha Nandhini	18CS201Open Source Software	Power Point and Activinspire	19/01/2019
Ms.RaginiFelicia Suruti	Problem Solving Using C Programming	Power Point and Activinspire	09/09/2018
Ms.RaginiFelicia Suruti	Mobile Application development	Power Point and Activinspire	27/06/2018
Ms.S.Anu	Data Structures and Algorithm	Power Point and Activinspire	28/06/2018
Ms.S.Anu	17CS213R Data Structures and Algorithm	Power Point and Activinspire	28/06/2018
Ms.S. Gomathi	Artificial Intelligence	Power Point and Activinspire	27/06/2018
Ms.S. Gomathi	Java Funadamentals	Power Point and Activinspire	27/06/2018
Ms.S. Gomathi	16CS319 Virtualization Cloud	Power Point and Activinspire	17/12/2018
Ms.R.Kalpana Sonika	Computer Networks	Power Point and Activinspire	27/06/2018
Ms.R.Kalpana Sonika	16CS503 Fundamentals of Database technologies	Power Point and Activinspire	17/12/2018
Ms.G.Nivedhitha	Operating Systems	Power Point and Activinspire	28/06/2018
Ms.G.Nivedhitha	17CS306 Fundamentals of Open Source Software	Power Point and Activinspire	12/12/2018
Mr.J.Beschi Raja	Business Intelligence	Power Point and Activinspire	29/06/2018
Mr.J.Beschi Raja	16CS505 Java Fubdamentals	Power Point and Activinspire	18/12/2018
Ms. G.Poorani	Grid Computing	Power Point and Activinspire	27/06/2018
Ms. G.Poorani	18PCS423 Cloud Computing	Power Point and Activinspire	19/12/2018
Mr.B.Saravanan	Problem Solving Using C Programming	Power Point and Activinspire	09/09/2018
Mr. R. Karthik	16CS317Software Development	Power Point and Activinspire	19/12/2018

Ms. M. Kavitha Margret	16CS505Java Fundamentals	Power Point and Activinspire	19/12/2018
Ms. J. Pamina	Business Analytics	Power Point and Activinspire	12/01/2019
Mr. S.Sam Peter	16PN637System Analysis and Design	Power Point and Activinspire	12/01/2019
Ms. S. Padmavathi	17CS308Computer Architecture	Power Point and Activinspire	17/12/2018
Ms. V.J. Aiswarya Devi	16CS412 Software Testing and Quality Assurance	Power Point and Activinspire	20/12/2018
Ms. G. Priyanka	16CS417User Experience Design	Power Point and Activinspire	17/12/2018
Ms. Kiruthika.S	18PCS432 Green Computing	Power Point and Activinspire	20/12/2018
Ms. S. Sathya Bama	16CS317 Software Development	Power Point and Activinspire	18/12/2018
Ms. Soundarya. S	16CS318Data Analytics	Power Point and Activinspire	17/12/2018
Ms. M.S. Sruthi	16CS316 Compiler Design	Power Point and Activinspire	19/12/2018
Dr. R. Udaiyakumar	16EC411Digital Low power VLSI design	Power Point and Activinspire	25/06/2018
Dr R Vadivelu	15EC426 RF System Design and MEMS	Power Point and Activinspire	25/06/2018
Dr. Senoj Joseph	16EC416ARM processor architecture programming	Power Point and Activinspire	25/12/2018
Mr.M.Navin Kumar	17EC309 Analog Integrated Circuits	Power Point and Activinspire	17/12/2018
Mr.G.Santhakumar	16EC323 Antennas and Wave Propagation	Power Point and Activinspire	14/12/2018
Ms.B.Banuselvasarawathy	16EC427High Speed Networks	Power Point and Activinspire	14/12/2018
Mr. U. Venkateshkumar	16EC323 Antennas and Wave Propagation	Power Point and Activinspire	17/12/2018
Ms.M.Jaishree	16EC415 Computer architecture	Power Point and Activinspire	14/12/2018
Ms.Yamini Shanmugam	15PAE507 Low Power VLSI	Power Point and Activinspire	06/08/2018
Ms.K.Gayathree	16EC408Hardware Description Languages	Power Point and Activinspire	14/12/2018
Dr.K.Srinivasan	16EC425Smart Antenna	Power Point and Activinspire	13/12/2018

Mr.Z.Ahamed Yasar	17EC309 Analog Integrated Circuit	Power Point and Activinspire	17/12/2018
Ms.S. Kiruthiga	16EC318computer networks and interfacing	Power Point and Activinspire	21/06/2018
Ms.A.M.Aswini Priyadharssini	16EC321Embedded Systems	Power Point and Activinspire	18/12/2018
Ms. Agnes Shiny Rachel	18EC201Electron Devices	Power Point and Activinspire	17/01/2019
Dr. P. Jayarajan	15EC418 Automotive Electronics	Power Point and Activinspire	02/07/2018
Ms. S.Thenmozhi	16EC423 Wireless Sensor Networks	Power Point and Activinspire	14/12/2018
Ms.B.Priyanka	16EC323 Antennas and Wave Propagation	Power Point and Activinspire	17/12/2018
Dr.P.Prathap	18MES01 Engineering Graphics	Power Point and Activinspire	11/09/2018
Dr.N.Kathiravan	Engineering Drawing	Power Point and Activinspire	19/09/2018
Dr.S.Sundarraaj	18MES01 Engineering Graphics	Power Point and Activinspire	11/09/2018
Dr. R. Srinivasan	16ME321Design of Transmission Systems	Power Point and Activinspire	15/12/2018
Dr.B.Sathish Kumar	Dynamics of Machinery	Power Point and Activinspire	26/06/2018
Mr.T. Pridhar	17ME304 Fluid Mechanics and Machinery	Power Point and Activinspire	17/12/2018
Mr.R.Manivannan	18MES01 Engineering Graphics	Power Point and Activinspire	24/09/2018
Mr. B. Suresh Babu	18MES01 Engineering Graphics	Power Point and Activinspire	05/06/2018
Mr.A.Athithanambi	Statistical Process Control And Quality Management	Power Point and Activinspire	26/06/2018
Mr.S.Arivazhagan	Internet Of Things For Mechaniacal Engineers	Power Point and Activinspire	26/06/2018
Mr.S.Santhosh Kumar	Automobile Engineeing	Power Point and Activinspire	26/06/2018
Mr.N.Mohan Raj	Industrial Layout, Ergonomics And Safety Engineering	Power Point and Activinspire	26/06/2018
Mr.K.Nirmal Kumar	17ME304 Fluid Mechanics and Machinery	Power Point and Activinspire	18/12/2018
Mr.M.Raguramsingh	Data Analytics	Power Point and	19/06/2018

		Activinspire	
Mr.R.Rathish	Dynamics Of Machinery	Power Point and Activinspire	25/06/2018
Mr.S.Vinodh Kumar	15ME425Entrepreneurship Development	Power Point and Activinspire	25/06/2018
Mr.N.Aravindkumar	17ME311 Kinematics of Machinery	Power Point and Activinspire	18/12/2018
Mr.K.Vickram	Production Management	Power Point and Activinspire	20/06/2018
Mr.S.Dhayaneethi	17me310Automobile Engineering	Power Point and Activinspire	18/12/2018
Mr.P.Arun Karthick	16ME501Product Development	Power Point and Activinspire	17/01/2019
Mr.S.Thiyagu	16ME323 Computational Mechanics	Power Point and Activinspire	19/12/2018
Mr.V.Vadivel Vivek	Industrial Robotics	Power Point and Activinspire	18/12/2018
Mr.K.Mohan	Gas Dynamics And Jet Propulsion	Power Point and Activinspire	18/12/2018
Mr.K.Kaviyarasan	Design Of Machine Elements	Power Point and Activinspire	18/06/2018
Mr.R.Dhivagar	Engineering Thermodynamics	Power Point and Activinspire	19/06/2018
Mr.Ram Kumar.S	18MES01 Engineering Graphics	Power Point and Activinspire	07/01/2019
Ms.V.Kalpana	Soft Computing Techniques	Power Point and Activinspire	27/06/2018
Ms.R.Divya	16EE321 Power System Analysis	Power Point and Activinspire	17/12/2018
Ms. R. Devi	16EE322 Digital Signal Processing And Its Applications	Power Point and Activinspire	17/12/2018
Ms. P. Swapna	17EE311 Control System	Power Point and Activinspire	10/09/2018
Ms. T. Dharanika	15EEE415PLC and Automation	Power Point and Activinspire	16/12/2018
Ms.T.Poongothai	16EE323 Principles of Embedded System	Power Point and Activinspire	26/06/2018
Ms. A. Little Judy	16EE501 Renewable Energy Sources	Power Point and Activinspire	17/12/2018
Mr. S. Nagakumararaj	16EE322 Digital Signal Processing And Its Applications	Power Point and Activinspire	17/12/2018
Ms. V. Manimegalai	16EE416 Servo And Robot Drives	Power Point and Activinspire	25/06/2018

Mr. P. Lenin Pugalhanthi	17EE312 Generation, Transmission and Distribution	Power Point and Activinspire	13/12/2018
Mr. T. Bharani Prakash	16EE406 High Voltage Engineering	Power Point and Activinspire	17/12/2018
Mr. R. Senthilkumar	18EES04 Principles of Electrical and Electronics	Power Point and Activinspire	22/01/2019
Mr. K.P. Suresh	17EE311 Control Systems	Power Point and Activinspire	21/12/2018
Ms. J. Elzalet	17EE310 Electrical Machines II	Power Point and Activinspire	18/12/2018
Dr M Karthigai Pandian	16IC316 Embedded System Design	Power Point and Activinspire	10/07/2018
Dr S Narendiran	17IC311Electrical Machines	Power Point and Activinspire	18/12/2018
Ms K Shanthi	Logic and Distributed control system	Power Point and Activinspire	12/12/2018
Mr Dilip Kumar S	Transducer Engineering	Power Point and Activinspire	25/06/2018
Mr Dhanaselvam J	Electronic Devices and Circuits	Power Point and Activinspire	21/08/2018
Mr K Saravanakumar	16IC404Instrumentation In Petrochemical Industries	Power Point and Activinspire	21/12/2018
Dr.R.Kanmani	16IT316 Discrete Time Signal Processing	Power Point and Activinspire	18/12/2018
Ms.R.Suganya	17IT306/Digital Mobile communication	Power Point and Activinspire	18/12/2018
Ms.A.Christy Jeba Malar	17IT307Data Base Management Systems	Power Point and Activinspire	18/12/2018
Dr.M.Sangeetha	18CS01 Problem Solving Using C Programming	Power Point and Activinspire	07/08/2018
Mr.A.Suresh Kumar	17IT306Digital Mobile communication	Power Point and Activinspire	17/12/2018
Ms.T.Sangeetha	16IT407 Advanced Java Programming	Power Point and Activinspire	17/12/2018
Ms.S.MuthuLakshmi	17IT304 Data Structures	Power Point and Activinspire	19/12/2018
Ms. K. Mythili	16IT501Mobile Application Development using Android	Power Point and Activinspire	18/12/2018

Ms.G.V.Aarthi	17IT307Data Base Management Systems	Power Point and Activinspire	12/06/2018
Ms.M.Malathi	15IT326 Internet Programming	Power Point and Activinspire	19/06/2018
Dr.I.Padmanaban	17CE309 Soil Mechanics	Power Point and Activinspire	08/01/2019
Dr.M.Lenin Sundar	17CE203Fluid Mechanics	Power Point and Activinspire	26/06/2018
Dr.V.Sreevidya	18PSE301 Structural Dynamics	Power Point and Activinspire	26/06/2018
Dr.V.Sreevidya	17CE202 Solid Mechanics	Power Point and Activinspire	26/06/2018
Dr.I.Padmanaban	16CE313 Structural Analysis	Power Point and Activinspire	26/06/2018
Dr.M.Lenin Sundar	15CE510Irrigation Water Management	Power Point and Activinspire	30/06/2018
Dr.M.Lenin Sundar	17CE310 Hydraulics and Hydraulic Machinery	Power Point and Activinspire	08/01/2019
Dr.M.Lenin Sundar	16CE414 Irrigation Water Management	Power Point and Activinspire	08/01/2019
Dr.V.Sreevidya	18CE201Engineering Mechanics	Power Point and Activinspire	12/01/2019
Dr.V.Sreevidya	18PSE402Aseismic Design of Structures	Power Point and Activinspire	18/01/2019
Ms.A.Vennila	16CE305Disaster Management	Power Point and Activinspire	17/12/2018
Ms.A.Vennila	18PSE305 Theory Of Elasticity Plasticity	Power Point and Activinspire	22/01/2019
Mr. T.P.A.Aravind	15CE511 Municipal Solid Waste Management	Power Point and Activinspire	26/06/2018
Mr. T.P.A.Aravind	15CE507 Environmental Impact Assessment and Risk Management	Power Point and Activinspire	25/06/2018
Mr. T.P.A.Aravind	16CE322 Estimation and Quantity Surveying	Power Point and Activinspire	26/12/2018
Mr. T.P.A.Aravind	16CE501 Disaster Management	Power Point and Activinspire	26/12/2018
Mr.G.Manikandan	17CE304 Concrete Technology	Power Point and Activinspire	19/06/2018
Mr.G.Manikandan	16CE320 Structural Analysis : Modern Methods	Power Point and Activinspire	24/01/2019
Mr.G.Manikandan	16CE502 Engineering	Power Point and	09/01/2019

	Risk Benefit Analysis	Activinspire	
Mr.R.Ramesh	18PSE304 Structural Steel Design	Power Point and Activinspire	18/01/2019
Mr.R.Ramesh	16CE316 Design of Steel Structures	Power Point and Activinspire	26/06/2018
Mr.R.Ramesh	16CE401 Maintenance and rehabilitation of structures	Power Point and Activinspire	26/12/2018
Mr.R.Ramesh	17PSE511 Maintenance and Rehabilitation of Structures	Power Point and Activinspire	18/09/2018
Ms.R.Preethi	16CE314Construction management	Power Point and Activinspire	22/06/2018
Ms.R.Preethi	15CE516 Construction safety management	Power Point and Activinspire	25/06/2018
Ms.R.Preethi	17MC002 Human Values and professional ethics	Power Point and Activinspire	16/12/2018
Ms.R.Preethi	16CE422 Construction safety management	Power Point and Activinspire	27/12/2018
Ms.S.Nithila	16CE404Earthquake resistant structures	Power Point and Activinspire	12/12/2018
Ms.S.Nithila	18CE201Construction materials,techniques and equipments	Power Point and Activinspire	22/01/2019
Ms.S.Muthukeerthana	15CE328 Design and detailing of RC structures	Power Point and Activinspire	26/06/2018
Ms.S.Muthukeerthana	18PSE302Concrete Structures	Power Point and Activinspire	25/09/2018
Ms.S.Muthukeerthana	16CE321 Design of RC elements	Power Point and Activinspire	21/12/2018
Ms.R.Aparna	16CE318Highway Engineering	Power Point and Activinspire	26/06/2018
Ms.R.Aparna	15CE519Railways, Airport, Docks and Harbour Engineering	Power Point and Activinspire	26/06/2018
Ms.R.Aparna	16CE419Railways, Airport, Docks and Harbour Engineering	Power Point and Activinspire	26/12/2018
Dr. S.Hema	16CE317 Foundation Engineering	Power Point and Activinspire	26/06/2018
Dr. S.Hema	15CE502 Green Buildings	Power Point and Activinspire	25/06/2018

Dr. S.Hema	16CE412 Industrial Wastewater Management	Power Point and Activinspire	26/12/2018
Dr. S.Hema	16CE501 Disaster Management	Power Point and Activinspire	26/12/2018
Dr. M.Devasena	16CE315 Environmental Engineering	Power Point and Activinspire	26/06/2018
Dr. M.Devasena	18PMC001 Research Methodology	Power Point and Activinspire	26/12/2018
Mr. K.Sathish Raja	15CE503 Prefabricated Structures	Power Point and Activinspire	26/06/2018
Mr. K.Sathish Raja	17CE303 Engineering Survey I	Power Point and Activinspire	25/06/2018
Mr. K.Sathish Raja	17CE308 Engineering Survey II	Power Point and Activinspire	26/12/2018
Mr. K.Sathish Raja	18PSE415 Experimental Methods and Model Analysis	Power Point and Activinspire	26/12/2018
Ms.Geethu Mohan	15CE501 Maintenance and Rehabilitation of Structures	Power Point and Activinspire	26/06/2018
Ms.Geethu Mohan	18PSE403 Advanced Concrete Technology	Power Point and Activinspire	26/06/2018
Ms.Geethu Mohan	17CE307 Theory of Structures	Power Point and Activinspire	26/12/2018
Ms.Geethu Mohan	18PSE306 Advanced Structural Analysis	Power Point and Activinspire	26/12/2018
Mr. M.Karthikeyan	15CE515 Urban and Town Planning	Power Point and Activinspire	26/06/2018
Mr. M.Karthikeyan	17PSE515 Experimental Methods and Model Analysis	Power Point and Activinspire	25/06/2018
Mr. M.Karthikeyan	17PSE507 Design of Steel Concrete Composite Structures	Power Point and Activinspire	26/12/2018
Dr. A.Balamurugan	Digital Principles and System Design	Power Point and Activinspire	26/06/2018
Dr. A.Balamurugan	16CS316 Compiler Design	Power Point and Activinspire	17/12/2018
Dr.P.Tamiye Selvy	17CS206/Object oriented programming using JAVA	Power Point and Activinspire	28/06/2018
Dr.P.Tamiye Selvy	15CS605/Java Fundamentals	Power Point and Activinspire	19/12/2018

Dr. M. Deva Priya	17CS304 Data Structures	Power Point and Activinspire	26/06/2018
Ms.V.Roopa	16IT318 Data Analytics	Power Point and Activinspire	18/12/2018
Ms.K.Induja	16IT502 Cyber security and Ethical Hacking	Power Point and Activinspire	18/12/2018
Mr.T.Rajesh Kumar	16IT314 Machine Learning	Power Point and Activinspire	12/06/2018
Mr. M.Kowsigan	16IT319 Virtualization and Cloud	Power Point and Activinspire	26/06/2018
Ms.K.Abinaya	17IT308Computer Architecture	Power Point and Activinspire	12/06/2018
Ms.S.Priyadharshini	16IT318 Data Analytics	Power Point and Activinspire	11/12/2018
Ms.G.Remmiya Devi	16IT411 Free Open Source Software	Power Point and Activinspire	17/12/2018
Dr. D. Jeyabharathi	16IT404 Mobile Application Development	Power Point and Activinspire	26/12/2018
Ms. P. Sheeba Ranjini	17MA111Probability and Random Processes	Power Point and Activinspire	19/12/2018
Ms. H. Subhajyothi	17MA110 Probability and Statistics	Power Point and Activinspire	12/06/2018
Ms. T. Bhavani	18MA201 Integral Calculus and Complex Variables	Power Point and Activinspire	19/01/2019
Ms. L. Gomathy	18MA201 Integral Calculus and Complex Variables	Power Point and Activinspire	17/01/2019
Ms. N. Leelavathi	17MA111Probability and Random Processes	Power Point and Activinspire	08/01/2019
Mr. S. Karthik	18MA201 Integral Calculus and Complex Variables	Power Point and Activinspire	19/01/2019
Ms. R. Rajalakshmi	18MA101 Linear Algebra, Differential Calculus and its Applications	Power Point and Activinspire	12/12/2018
Ms. C. Kalaiselvi	17MA112 Probability and computational Methods	Power Point and Activinspire	09/01/2019
Ms. B. Haripriya	17MA108Statistical Inference and computational methods	Power Point and Activinspire	04/01/2019

Ms. R.Vakithabegam	17MA109 Statistics And Complex AnalysisII	Power Point and Activinspire	12/12/2018
Dr. V. Parimala	17MA111Probability and Random Processes	Power Point and Activinspire	20/12/2018
Dr. D. Vasantha kumari	17MA105 Fourier Analysis and Partial Differential Equations	Power Point and Activinspire	26/06/2018
Mr. D. Mahes kumar	18MA101 Linear Algebra, Differential Calculus and its Applications	Power Point and Activinspire	24/12/2018
Ms. A. Sujipriya	18MA201 Integral Calculus and Complex Variables	Power Point and Activinspire	19/01/2019
Ms. S. Suganya	17MA109 Statistics And Complex Analysis	Power Point and Activinspire	17/12/2018
Ms. K. Shanthi	18PH205 Engineering Physics	Power Point and Activinspire	19/01/2019
Mr. V. Marianand kumar	18PH102 Physics for Electronics	Power Point and Activinspire	24/09/2018
Ms. R. Dhivya	18PH012 Physics	Power Point and Activinspire	23/09/2019
Dr. R. Ganesh	18PH102 Physics for Electronics	Power Point and Activinspire	21/01/2019
Dr. K. R. Kanimozhi	18CH012 Engineering Chemistry	Power Point and Activinspire	21/01/2019
Dr. D. Shanthosh shanthakumar	18CH012 Engineering Chemistry	Power Point and Activinspire	22/01/2019
Ms. S. S. Sabithamala	18CH012 Engineering Chemistry	Power Point and Activinspire	22/10/2019
Mr. S. Prabu	18CH012 Engineering Chemistry	Power Point and Activinspire	21/01/2019
Dr. N. Nalini	18CH012 Engineering Chemistry	Power Point and Activinspire	18/01/2019
Ms. R. Uthayamalar	18CH012 Engineering Chemistry	Power Point and Activinspire	19/09/2018
Dr.J.Chandrakhanthana	16PN413 International Business	Power Point and Activinspire	24/07/2018
Mr.R.Saravanan	16PNE409 Security Analysis And Portfolio Management	Power Point and Activinspire	11/07/2018
Mr.N.Karthikeyan	18PNC103 Accounting	Power Point and	10/09/2019

	For Managers	Activinspire	
Mrs.Y.Arul Sulochana	18PNC103 Accounting For Managers	Power Point and Activinspire	17/09/2018
Mr. A.Prasath kumar	18PNC208 Human Resource Management	Power Point and Activinspire	10/09/2018
Dr.S.Rajkumar	18PNC102 Managerial Economics	Power Point and Activinspire	10/09/2018
P.Mayilrajan	16PN635 Data Warehousing And Mining	Power Point and Activinspire	24/07/2018
Dr.R.Prabusankar	18PNC211 Legal Aspects Of Business	Power Point and Activinspire	17/12/2018
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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 (MGBPS)	Others
Existing	1274	312	73	66	126	15	729	1000	33
Added	72	72	0	0	0	0	0	0	0
<b>Total</b>	<b>1346</b>	<b>384</b>	<b>73</b>	<b>66</b>	<b>126</b>	<b>15</b>	<b>729</b>	<b>1000</b>	<b>33</b>

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

240 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
NPTEL Videos and Web Courses in our Intra Network/Google Class rooms	<a href="http://172.17.0.15:8085/Phase1/Phase1_Video/">http://172.17.0.15:8085/Phase1/Phase1_Video/</a> <a href="http://172.17.0.15:8085/web_courses/">http://172.17.0.15:8085/web_courses/</a> <a href="http://172.17.0.15:8085/phase1/mba%20nptel/">http://172.17.0.15:8085/phase1/mba%20nptel/</a>

#### 4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
290	353.28	153.2	375.97

##### 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)

SKCT has a dedicated systems and procedures for maintaining and utilizing physical infrastructure like class rooms, administrative buildings, laboratories, sports facilities and other physical assets including the

services like water supply and electric supply. These activities are headed by the Principal who leads a team of dedicated engineers, technical staff and other supporting staff under the categories of civil, mechanical and electrical engineering. This team also looks after the provisioning and maintenance of furniture in the buildings, class rooms and laboratories. Complaint on maintenance can be lodged through emails as well as manually. The mail ids to which the complaints can be sent are displayed throughout the campus in prominent locations. Usage of central facilities like seminar halls and auditorium is controlled by office. Purchase of equipment (other than computers) including program specific software and hardware and their maintenance in laboratories are carried out by the respective department to which they belong. The entire computer infrastructure including purchase, maintenance and disposal is vested with the team formed by Principal, Head of computer Science department and System admin and other technical staff. This team looks after the hardware, general purpose software and networking requirement of the entire campus. Allotment of department wise classroom block and individual classrooms for respective Class students by Principal and head of the departments respectively. Readiness of Projector screens in classrooms, ICT board with stylus checked by system admin. Arrangement/Repair of student's Desks and teacher's desks/tables will take care by department furniture incharge. Repair of existing electrical outlets Light bulb replacement of a class room will take care by the Technician/system Administrator of respective department. Ventilation/Window repairs/treatments by institution technician. Routine services or maintenance will done by house keepers. Students and teachers are responsible for keeping the classroom clean and tidy. Maintain the teaching equipment inventory list and calibration schedule and to verify calibrations/performance checks in each laboratory will take care by the teaching assistants. Lab technicians are responsible for maintaining the Analytical equipment inventory list and calibration schedule and to verify calibrations/performance checks in each laboratory. Teaching equipment that have a local sponsor should have an Annual Maintenance Contract (AMC) from the authorized local sponsor. The AMC shall be revised and renewed yearly carried out by teaching assistant and lab technicians. Equipment Calibration/Maintenance log has to be filled and signed and kept in file in HoD office and a copy in the lab coordinators office. Deficiency / updation on hardware / software will bring to the notice of HoD by the teaching assistants and lab technicians. List of the required lab tools that will be used in the next academic year, in order to get them before the due date to bring the notice of HoD by the lab incharges. Proper forms like equipment list has to be maintained for conducting labs both inter and intra department and Housekeeping register has to be maintained for laboratories by the lab technicians and lab coordinators.

[www.skct.edu.in](http://www.skct.edu.in)

## **CRITERION V – STUDENT SUPPORT AND PROGRESSION**

### **5.1 – Student Support**

#### 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Institution scholarship	61	4519200
Financial Support from Other Sources			
a) National	OBC/MBC/SC/ST scholarship	1130	6898481

b)International	nil	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Soft skill development	16/05/2018	1052	FACE Coimbatore
Aptitude Training	14/07/2018	64	Sameksha Academy,Coimbatore
Aptitude Training	29/06/2018	656	Mr.Thanikachalam, Aptitude Trainer
Placement Technical Training	16/05/2018	765	FACE Training
Company Specific Placement Training	16/07/2018	70	Ms.T.Sangeetha, Assistant Professor , Department of IT
Wipro PRP	01/08/2018	70	Mr.Beschiraja, Assistant Professor , Department of CSE
Virtusa	05/01/2019	40	Ms.Kavitha Margret, Assistant Professor , Department of CSE
Bridge Course	03/09/2018	798	In house training by First year Faculty
Bridge Course for II year Lateral Entries	01/08/2018	19	In house course by Department Faculty
<a href="#">View File</a>			

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	Guidance for competitive examination	1307	0	22	0
2018	Higher Education Counselling	170	0	24	0
2018	Placement Training	0	765	0	709
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual

harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

## 5.2 – Student Progression

### 5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Number of Organizations 114	765	660	Number of Organizations 87	320	229
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### 5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	1	B.E-Civil Engineering	Civil Engineering	Anna University, Chennai	ME
2018	1	B.E-Civil Engineering	Civil Engineering	Auckland University, New Zealand	MS
2018	1	B.E-Civil Engineering	Civil Engineering	Jansons Institute of Technology	MBA
2018	1	B.E-Civil Engineering	Civil Engineering	Sona College of Technology	ME
2018	1	B.E-Civil Engineering	Civil Engineering	Government College of Technology, Coimbatore	ME
2018	1	B.E-Computer Science & Engineering	CSE	University of Dublin, Ireland,	MS
2018	1	B.E-Computer Science & Engineering	CSE	Thiagrajar College of Engineering, Madurai	ME
2018	1	B.E Electronics & Communication Engineering	ECE	University of California	MS
2018	1	B.E Electronics	ECE	RMIT UNIVERSITY,	ME

		& Communication Engineering		Australia	
2018	1	B.E Electronics & Communication Engineering	ECE	PSG COLLEGE OF TECHNOLOGY	ME
2018	1	B.E Electronics & Communication Engineering	ECE	College of Engineering, Guindy	ME
2018	1	B.E- Electrical & ElectronicB. E Electronics & Communication Engineering	ECE	College of Engineering, Guindy	ME
2018	1	B.E- Electrical & Electronics Engineering	EEE	Karunya Institute of Technology & Science, Coim bartore	M.Tech -Embedded System
2018	1	B.E- Electrical & Electronics Engineering	EEE	Christ Unive rsity, Bangal ore	MBA-Business Management
2018	1	B.E-Instrume ntation & Control Engineering	ICE	College of Engineering, Guindy, Chennai	ME
2018	1	B.E-Instrume ntation & Control Engineering	ICE	Rajalakshmi College of Engineering, Chennai	ME
2018	1	B.E-Instrume ntation & Control Engineering	ICE	Sri Krishna College of Technology, Coimbatore	MBA
2018	1	B.E-Instrume ntation & Control Engineering	ICE	Kongu Engineering College, Erode	MBA
2018	1	B.Tech- Information Technology	IT	LSU Graduate School	MS
2018	1	B.Tech- Information Technology	IT	LSU Graduate School	MS
2018	1	B.E-	MECH	Grenoble	MS

		Mechanical Engineering		Institute of Technology , Industrial Engineering Department	
2018	1	B.E- Mechanical Engineering	MECH	Concordia University, Master's in Mechanical Engineering	ME
2018	1	B.E- Mechanical Engineering	MECH	Concordia University, Master's in Mechanical Engineering	ME
2018	1	B.E- Mechanical Engineering	MECH	North Carolina State University, North Carolina Master's in Industrial Engineering	ME
2018	1	B.E- Mechanical Engineering	MECH	University of Buffalo, Department of Industrial and Systems Engineering	MS
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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	1
CAT	1
GRE	4
TOFEL	3
Any Other	13
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
100 Mts Heats (Boys Girls)	Institution Level	8
Shot Put Trails Finals (Boys Girls)	Institution Level	24
100 Mts Finals (Boys Girls)	Institution Level	8

4x100 Mts Relay Heats (Boys Girls)	Institution Level	32
200 Mts Heats (Boys Girls)	Institution Level	8
Discuss Trails Finals (Boys Girls)	Institution Level	24
200 Mts Finals (Boys Girls)	Institution Level	8
1500 Mts Finals ( Boys)	Institution Level	4
5000 Mts Finals (Boys)	Institution Level	4
Long Jump Finals (Boys Girls)	Institution Level	8
400 Mts Heats Finals (Boys Girls)	Institution Level	8
800 Mts Finals (Boys Girls)	Institution Level	8
Javelin Throw Finals (Boys Girls)	Institution Level	8
1500 Mts Finals (Girls)	Institution Level	4
4x400 Mts Relay Heats (Boys Girls)	Institution Level	32
Singing - Solo	Institution Level	35
Dance Solo	Institution Level	20
Skit	Institution Level	6
Mehndi	Institution Level	12
Face painting	Institution Level	14
Rangoli	Institution Level	50
Nail Art	Institution Level	14
Flower Decoration	Institution Level	28
Vegetable Carving	Institution Level	10
Group Song	Institution Level	8
Group Dance	Institution Level	24
Tamil Mandram Competition • Kavithai • Sitharathul Thandhiram • Nil Kavani Sel • Puthir Ariyum Puthi • Tamizhakkam • Debate • Aattam Pattam Kondattam	Institution Level	88
Table Tennis Men	Zone Level Institution Level	35
Kabaddi Men	Zone Level	252
Cricket Men Tournament	Zone Level	128
Cricket	Institution Level (Media Trophy)	112
Basketball Men	Institution Level	48

Chess (Men)	Institution Level	5
Kabaddi (Men)	Institution Level	48
Table Tennis (Women)	Institution Level	20
Hockey (Men)	Institution Level	64
Badminton (Women)	Institution Level	20
Kho Kho (Men)	Institution Level	48
Chess (Women)	Institution Level	4
Football (Men)	Institution Level	72
Basketball (Women)	Institution Level	48
Throw Ball , (Women)	Institution Level	48
Volleyball (Women)	Institution Level	48
Badminton (Men)	Institution Level	28
Handball (Men)	Institution Level	48
Table Tennis (Men)	Institution Level	20
Cricket (Men)	Institution Level	80
Volleyball (Men)	Institution Level	48
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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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	First	National	1	0	15TUEE140	Monisha. S
2018	First	National	1	0	15TUEE133	Mithraa. V
2018	First	National	1	0	17TUEE015	Apurva.G
2018	First	National	1	0	15TUEE121	Keerthana. M
2018	First	National	1	0	17TUEE001	Abhinayah R.S
2018	Third	National	1	0	17TUEE027	Darshini K
2018	Third	National	1	0	15TUEE101	Jai shree S
2018	Third	National	1	0	17TUEE143	Pujita.S
2018	Second	International	1	0	16TUEE103	M. Kumaran
2018	First	National	1	0	15TUIT004	Akalya. S
2018	Third	National	1	0	15TUIT121	Ramya R
2018	First	National	1	0	17TUIC017	Kani mozhi. S
2018	Third	National	1	0	17TUIC020	Kaviya Geetha.M

2018	Third	National	1	0	17TU1C021	Kiruthiga. K
2018	Third	National	1	0	17TUIC006	Appoorvaa. S. K
2018	Third	National	1	0	15TUIC016	Kiruthi.S
2018	Second	National	1	0	17TUCS126	M Nithish Babu
2018	Second	National	0	1	15TUME002	Abishek U
2018	Second	National	0	1	15TUME040	Ganesh R
2018	Second	National	0	1	15TUCS062	Jitthesh Krishna T
2018	Second	National	0	1	16TUIT022	Dinesh Kumaar R
2018	Second	National	0	1	16TUIC041	Prem Chander J
2018	Second	National	0	1	16TUCV063	Vishal V
2018	Second	National	0	1	16TUIT001	Aghilan M
2018	Second	National	0	1	17TUME245	Srihari M
2018	Second	National	0	1	17TUME236	Shreedhar R S
2018	Second	National	0	1	17TUEC245	Suvedha G
2018	Second	National	0	1	17TUIT138	Sree Varsinee S
2018	Third	National	1	0	16TUCV013	T.Gaythri
2018	Third	National	1	0	16TUME025	R Ayush Kumar
2018	Third	National	1	0	17TUME235	A Sherwin Daniel
2018	First	National	1	0	15TUEC158	Vaneeshwar i. M
2018	First	National	1	0	15TUEC108	Kavya. R. P
2018	Third	National	1	0	16TUEC156	Praseetha. P
2018	Third	National	1	0	15TUEC153	Rajpriya.R
2018	Third	National	1	0	15TUEC120	Mithra .T.R
2018	First	National	1	0	15TUEE152	Oveya. T
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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)

Student Council of Sri Krishna College of Technology is a high level Grievance redressal forum where students from all classes represent their peers. This Council mainly focus on discussing about new initiatives before the implementation. After the consent from all the council members, new initiatives will be implemented in the institution. Few important points which are being

taken for discussion are change in Question paper pattern, change in assessment methods, rescheduling the lecture hours, Placement Training strategies. Principal will be the chairman of student council , One senior HoD will be the Coordinator and one senior faculty member will be the coordinator . Students are given complete freedom to discuss and express their views on any point which is taken for the discussion regarding academics and nonacademics Class Committee Meeting Students are responsible in providing the feedback about teaching -learning process in class committee meeting. One senior Faculty or HoD of the respective departments will be the Chairperson for the class committee meeting. Six Students belonging to below average, average and above average category are the members of the class committee. Apart from presenting the feedback ,the students are also involved in the following active committees and association bodies of the institution Department Association Every department in our institution have their own association through which the students are allowed to organize several events like workshop, seminars, technical contest , symposiums, conference, etc. Student act as office bearers of the association. Board of Studies Students play as a significant stakeholder to provide curriculum feedback in order to modify the syllabi for the upcoming regulations Academic council Student representation in framing the curriculum structure Library Committee : Students are involved in this committee to present the requirements for the library IndustryInstitute Cell: Students take initiative in organizing Industrial Visit, Internship, Hands on training, etc Internal Quality Assurance Cell : Students provide feedback about the quality of various activities in the institution Anti ragging Committee: Student representatives ensure the raggingless environment in our institution TEDx: Student are responsible to disseminate the social awareness of Technology, Entertainment and Design Students also participate and organize various club activities in the following clubs: • Programming club • Soft skill club • IoT club • Block chain club • Machine Learning • Open Source Innovation club • Mobile App development club • Cloud computing club • Data Science club • Emote studio(photography) • Dance club • Fine arts club • Prerna Social activity club • Electronic hobby club • Explore Engineers club • Book Reading club • Cartography and calligraphy club • Nature club • Heritage club • Outreach club • Waste audit club • Defence club • Renewable Energy club • Energy Auditing club • Brahmas club • Third Eye club • Recreation club • Social welfare club • Insight club • Critique Club • Tech Memes club

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

14214

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

15000

5.4.4 – Meetings/activities organized by Alumni Association :

- Global alumni meet at Sri Krishna College of Technology campus on 30 12 2018, 288 Alumni participated in the meet • Alumni meet was held on 15092018 at Sri Krishna College of Technology campus, 365 Alumni participated in the meet

### CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

#### 6.1 – Institutional Vision and Leadership

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

The Institute supports a development of decentralized control system with proper well defined interrelationships. The management of the institute has main two basic committees, Governing Body (GB), Management Committee (MC) formed by chairperson, Trustee, CEO, principal and HODs. Regular meetings of these committees are held for the effective and smooth functioning of the institute. There are three levels of managerial structure under which all the activities of the institute are carried out. Society level The management of the institute is directed by Governing Body, whose members, are appointed in accordance with the guidelines provided by the Director of Technical Education, Anna University and AICTE. Institute level All the main decisions related to the institute are taken by the Principal in consultations with the Head of departments. The Principal is the academic and administrative head of the Institute and the Member of the Governing Body. Financial power is given to principal for the development of the institution. Department level The Department Heads are responsible for to look daytoday administration of the department and report to the Principal. In addition, any department staff member can give suggestions and idea for improvement. Students also participate through different formal and informal feedback mechanisms. Suggestion box is kept in every department for suggestions from students. Management and Trustees are approachable and accept all suggestions. Participative management The institute for all time supports the culture of participative management by involving staff and students in various activities. All decisions of the institution are governed by management. The students and faculties are allowed expressing themselves for any suggestions to improve the excellence in any aspect of the Institute.

1. Strategic Level: The Principal, HODs and staff members are involved to defining the policies and procedures, making guidelines and rules/regulations pertaining to admission, placement, discipline, grievance, counselling, training development, and library services etc., Staff members are also involved in deciding academic activities and examinations to be conducted in institute.

2. Functional Level: At functional level the faculty members participate in sharing the knowledge by discussing on latest trends/technology during faculty meeting. Some Staff members are involved in preparation of annual budget of the department and institute.

3. Operational level: The Principal of the institution and few senior level faculty are members of the GB. The GB gives suggestions and monitors the procurement, introduction of new programs and welfare activities. All the staff members actively participate in implementing the policies, procedures, and framework designed by the management in order to maintain and achieve the quality standards and achieve vision and mission of the institution. Office staff is involved in executing day to day support services for students and faculties.

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

Yes

## 6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	Feedback from the stake holder obtained. Based on the feedback, the curriculum development process is initiated. The college follows Choice Based Credit System, where flexible options are available for them to learn. Benchmarking with premier

institutes are also done. The curriculum and syllabus are aligned to the expectations of the Regulatory board such as NBA, AICTE, and Parent university. The industry experts suggestions are also taken into account for preparing the syllabus. Syllabus is again sent to the industry experts for validation. The faculty members are divided in to groups based on their specialisation. The initial brain storming happens with feedback obtained from the stake holders. The conceptual design of the curriculum is prepared and again reviewed. Once the curriculum and syllabus is prepared BOS meeting is conveyed. BOS meeting constituted with AU Representatives, External Academic Experts, and Internal Faculty members. The suggestions are Incorporated and then the minutes are presented before standing committee, ACM and then implemented.

Research and Development

- The department faculty are grouped on their areas of specialization and are encouraged to submit project proposals pertaining to their area, to funding agencies, under the supervision of a research coordinator in every department.
- Every department has an exclusive research laboratory with required software tools which encourages research activities of both students and faculty.
- Students are encouraged to be a part of faculty's research work in their area of interest.
- It is made mandatory for both U.G. and P.G. students to publish papers in international journals in their final semester.
- Faculty not registered for Ph.D. are encouraged to register for one.
- The management gives financial support and on duty leave for the faculty who present papers in national and international conferences.
- The institution provides on duty leave for faculty pursuing research and for other research related work.
- Faculty's research work and publication details are counted for the faculty appraisal.
- Journal publications of faculty in international journals are encouraged by the institution in the form of cash awards. Additional weightage is given to research publications in reputed journals.
- As a part of many research initiatives, every department conducts

national conferences annually, which serves as a knowledge sharing platform between the invited experts from industry, academia, faculty and students. • Regular conduct of guest lectures and seminars in the emerging areas of technology by reputed industry experts provides additional domain expertise to the faculty for research. • Every faculty is provided with laptops and facility for unlimited access of internet to make the working environment resourceful thereby inspiring their research activities.

Library, ICT and Physical  
Infrastructure / Instrumentation

The institution provides a conducive environment to nurture quality teaching, learning and research through stateoftheart infrastructure facilities that includes library, smart class rooms, laboratories and research centres. • The campus covers over 130 acres of land and it is located on the eastern lap of the Western Ghats, in a hilly land with a serene and tranquil atmosphere and a salubrious climate. • The central library with stateoftheart infrastructure has unique resource collection which are international in scope. • The entire library activities are carried through MIS library software INSPROPLUS which is maintained and updated regularly and is connected to campus wide area network which enable users to search and avail resources online and stay connected at any time. • Apart from the books, reference section the Central Library also has an exclusive room for reading and a separate room with audio visual medium is also available. • The Digital library is equipped with 65 multimedia systems with IBM storage server having 1TB storage for exclusively storing voluminous information in the library. • The library maintains more than 6393 CDs on all topics with free access to faculty and students. • Subscription of rich variety of electronic data base such as NPTEL, IEEE, ASCE, SPRINGER, PROQUEST, EBSCO and other online journals facilitates easy accessibility to the latest development in engineering and management fields. • The bibliographical information of the library is made available through Online Public Access catalogue. • Students and faculty are provided with WiFi facility which enables access of

journals and teaching learning materials through internet and intranet. • All the computing laboratories are highly equipped with 50Mbps leased line connectivity. • Simulation, designing and modelling software tools are readily available for the students and the faculty members. • All the class rooms enabled with active smart boards and projectors to give multimedia experience for class room teaching and learning process. • Study materials, assignments, technical videos and course information are uploaded in Google class room which are accessed by the students. • Polls and surveys are conducted through Google Forms. • Seminar halls and conference rooms are provided with projectors. • The campus provides uninterrupted power supply.

Human Resource Management

• Availability of adequate number of dedicated, committed and enthusiastic faculty to handle the courses. • The faculty are provided with winter and summer vacations. • Annual performance appraisal meetings are held and suggestions are given for faculty improvement. • On duties are given for faculty for participating and presenting papers in national and international conferences and for attending seminars, workshops, faculty development programs and industrial trainings. • Friendly relationship between students and faculty is nurtured through a very strong tutor ward system. • Workshops and faculty development programs in various domains are conducted to enrich the faculty. • Faculty across all departments are encouraged to organize guest lectures, seminars and workshops to strengthen the industry connect. • Faculty provided with an unlimited internet access through Wifi facility throughout the campus • Faculty are given training to have an edge over active smart board usage. • Recreation programs like yoga, trekking, musical concerts etc. are held to destress the faculty.

Industry Interaction / Collaboration

Institute has an established Institute industry cell where regular connect with industries are established, which brings together professionals from leading Enterprises, entrepreneurs, business leaders, alumni and strategic

thinkers to deliberate the changing role of human capital in reshaping the career growth opportunities and leadership roles for the students. The spears of industry connect begins with wetting the syllabus, Guest lectures, visiting faculty, examiners for project, mentor for projects, internships, Research and placements. the college has industry driven curriculum. the Expectations of the corporate is received and the syllabus are framed. Student Run clubs and also the department Association invites eminent corporate personality for interaction. This student clubs from one of the key venues through which students undertake various activities that add value to them as professionals. Through this interactions corporate guest mentoring students has also happened. SKCT smart India hackathon 2017 has been mentored by an industry / alumni person. degree final year students can additional credits through mandatory internships this provides a forum for holistic growth of students by tapping the talent and directing them towards Nobel and endeavours. Faculties from industry handles partial / full subject, bringing their boardroom experience to the classroom. industrial visits are on an increasing face compared to previous years. 57 MoUs, has been signed so far. Projects, internships and consultancy works have been done through these MoUs.

Admission of Students

The institution follows government norms of giving admission to meritorious students across the society. The students are kept informed of all the courses available for admission, eligibility criteria and developments in the admission process through advertisements in the leading newspapers and in the institution's website. The students select different courses offered by the institution through single window system in the counseling sessions conducted by the government.

Teaching and Learning

Teaching learning is based on outcome based education. The practices followed to achieve quality teaching and learning. • Smart boards in all classrooms providing Modern Education

feel. • Course plan and lesson plan is designed at the beginning of the semester. • The course plan contains the syllabus mapping with course outcomes and program outcomes, revised blooms taxonomy, assessment components, submission dates, pedagogy used for the contents in detail. Flipped classes are also used in certain courses to satisfy the digital notes. • Google classroom is used for posting the materials relevant to the subject, teaching notes, online assessment. Technical quiz is also conducted through Google classroom. • Course committee meetings are conducted where the same subject different faculty for different classes, and deliberate on teaching learning methodology for the subject. • Class committee meetings are conducted with the members constituted from students' representatives to know about their difficulty in classrooms and Laboratories. It is a meeting conducted with the goal of improving teaching learning quality. • Students are encouraged for field visit, mandatory internships and in plant trainings. • One credit course offered by the industry, MOOC courses can be opted by the students. • Online feedback mechanism is implemented to collect the feedback on the ongoing courses. • The students compulsorily have to do a mini project from their second year onwards as insisted in CBCS. • In order to enhance the skill, the students are asked to participate in the extracurricular activities conducted at the department level and in the other colleges. • As a part of knowledge enhancement, the students are asked to enrol in various cocurricular activities as per their domain of interest. • The growing demand for the faculty members to keep themselves abreast they are encouraged to participate in FDPs, Seminars, Workshops and the management supports through financial aids. • The faculty members are asked to undergo industrial training in order to facilitate the students with a practical exposure on the courses. • Additional Care is given for the slow paced learners by scheduling coaching class for them in order to make them clear the semester exams without any arrears. • MOOC

courses are insisted upon the staff to enhance their knowledge level as a part of TLP. • Skill development activities are conducted for the students apart from the regular curriculum.

Examination and Evaluation

Assessment Tests and Evaluation • Every department has an internal test coordinator and he is assisted by 23 faculty members to help him/her in maintaining discipline and the smooth conduct of the examination • Each question in the entire question paper is diligently checked for RBT and the actual Course Outcome, as a step towards emphasising Outcome Based Education • Choice less question paper is set. • Centralised evaluation of answer sheets is done within the department. • Reference of question papers from reputed institutions like GATE and IIT are done to set the Continuous assessment question papers. • Three continuous assessment tests are conducted per semester for which, a set of three question papers for every subject is set by external question paper setters. The externally set question papers are scrutinized by the internal test coordinator and his team who maintains confidentiality. • Evaluation of answer scripts is done in a very fair manner with in three working days and the internal marks are uploaded in the website and the appropriate access is given to the students, parents and other stake holders. • Student's report cards are sent to the parents through postal services after every continuous assessment test. • Impact analysis is done to verify if every course outcome has been met by the students. If any of the course outcomes are not met, quizzes and assignments that cover the course outcome that was not met will be given to students. NeedBased Coaching classes will also be conducted till the students understand the concepts thoroughly and retests are given until course outcomes are met. • Other components of internal evaluation like technical write up, technical presentation, assignment submissions and quiz are also conducted systematically as per the schedule in the course plan. • Technical quiz sessions are conducted online through Google forms and online assignment

submission is facilitated through Google classrooms. End Semester Examination and Evaluation All the end semester examinations are conducted under the supervision of the Controller of Examination of the institution and a centralized paper evaluation is carried on. • Upon the candidate registration, Hall tickets are issued online. • A set of three externally set question papers are scrutinized by a team of senior faculty and respective department HODs, headed by the Controller of Examination. • Central evaluation of answer scripts in a controlled environment paves ways for fair valuation. • After the prior approval of the result passing board, it is been published in the website before 30 days of the last end semester examination. • The students are advised to apply for transparency within a week of publication of results , before applying for revaluation • Transparency is conducted in the presence of the students and the respective subject faculty. • Supplementary/arrear examinations are conducted for students with arrears and arrear results are published in the institution's information management system. • Projects, both U.G. and P.G. are evaluated by an eminent industry personnel and an academician from leading institutions. • Evaluation processes and methods of every course are informed to the students beforehand through a detailed course plan. A group of 24 students is allotted under each of the three mentors of the class for continuous monitoring of academic performance of students and counselling.

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

E-governance area	Details
Examination	The centralized exam cell is formed to carry out the exams. The Internal and Model exam scheduled will be informed to the students in well in advance. The end semester results will be declared by the COE in the college website.
Student Admission and Support	The students admission assistance will be supported by department. The concerned department faculty members and office administration is helping the students to carry out the admission

	and other support.
Planning and Development	Planning and Development cell is formed to monitor academic and non academic activities. This committee is reporting the progress to principal.
Administration	The administration of the college is monitored by Principal. General Manager -Administration monitoring the overall college administration. He will be reporting the administration progress to principal then and there for better decision making.
Finance and Accounts	Finance and Accounts team taking care of all monetary related things. The college provided separate space for SBI bank. It is functioning inside the campus for student's assistance .The remittance of tuition fees and exam fees will be paid through banking transactions.

### 6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Dr. M.Devasena	Smart India Hackathon Contest	IIT Kanpur	5000
2018	Dr. V.Sreevidya	Corrosion Control in Concrete Structures	IIT Madras	1500
2018	Dr. V.Sreevidya	One Day Seminar on EARTHQUAKE HAZARD ASSESSMENT	Amrita School of Engg., Coimbatore	750
2018	R.Preethi	NICMAR Industry Academia Conference On Construction Management (IACCM 2018)	NICMAR, Hyderabad	2000
2018	R.Ramesh	NICMAR Industry Academia Conference On Construction Management (IACCM 2018)	NICMAR, Hyderabad	2000
2018	Mr.K.Vickram	International conference on recent trends	Osmania University campus,	750

		in Engineering, Applied science and management	Hyderabad, Telangana.	
2018	Dr.N.Mohanraj	International conference on recent trends in Engineering, Applied science and management	Osmania University campus, Hyderabad, Telangana.	750
2018	Mr.K.P.Boopathi raja	International conference on recent trends in Engineering, Applied science and management	Osmania University campus, Hyderabad, Telangana.	750
2018	Mr.R.Harikrishnan	International conference on recent trends in Engineering, Applied science and management	Osmania University campus, Hyderabad, Telangana.	750
2018	Mr.T.K.Naveen	International Conference on Future learning aspects of mechanical engineering	Amity University, Noida	5050
2018	Mr. T.K. Naveen	Summer Faculty Research Fellow	IIT Delhi	25400
2018	Dr.R.Vadivelu	Summer FDP	5G Communications	2830
2018	Mr.G.Santhakumar	Summer FDP	5G Communications	3710
2018	Mr. T. Bharani Prakash	Two days National Workshop on Device Modelling using sentence TCAD	Karunya University	1000
2018	Mr. R. Senthil Kumar	AICTE Approved FDP for student Induction Programme	Easwari Engineering College, Chennai	2580
2018	Dhanselvam J	one week FDP on real time controlloing and simulation of Electtrical Drives	TEQIP	3000
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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)
2019	MDP on Unboxing Digital Marketing for corporates	NIL	03/03/2019	04/03/2019	11	0
2019	NIL	Training on Mason General	11/01/2019	11/01/2019	0	4
2018	Workshop on Human Health hazards and control measures in Construction industry	NIL	20/07/2018	20/07/2018	15	0
2019	Faculty Development Training Programme on Thermal Engineering	NIL	27/05/2019	01/06/2019	23	0
2018	Guest Lecture on "Microcontroller Applications and Industrial Perspective" for Faculty members	NIL	07/09/2018	07/09/2018	35	0
2018	Seminar on Trends and Developments in Wireless Communication for Faculty members	NIL	04/10/2018	04/10/2018	35	0
2018	Seminar on Trends	NIL	11/10/2018	11/10/2018	35	0

	and Developments in Wireless Communication for Faculty members					
2018	Seminar on An Industrial Perspective on Electromagnetics for Faculty members	NIL	29/09/2018	29/09/2018	35	0
2018	Training program on Cadence design flow	NIL	28/09/2018	28/09/2018	20	0
2018	NIL	VMWARE ESXI 6.5 HYPERVISOR	10/02/2018	10/02/2018	0	10
2019	AICTE/ISTE sponsored six days Induction/Refresher programme on "Machine Learning Techniques for Next Generation Smart Systems".	NIL	18/06/2019	23/06/2019	19	0
2018	Webinar on "Supporting Research projects through Dassault System	NIL	25/10/2018	25/10/2018	36	0
2018	Students Fragile Handle with care	NIL	09/11/2018	09/11/2018	197	0

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

Title of the	Number of teachers	From Date	To date	Duration
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professional development programme	who attended			
NITTTTR Short Term Course on Green Building and Techniques	1	04/02/2019	08/02/2019	4
NPTEL Course Waste Water Treatment Recycling	1	01/06/2018	30/09/2019	90
Faculty Induction Program	1	13/05/2019	29/05/2019	19
Two days workshop on Design Thinking for engineering educators at CIT, Coimbatore	1	26/07/2018	27/07/2018	2
One day Workshop on Digital Marketing at CIT, Coimbatore	1	21/08/2018	21/08/2018	1
One day Session on "Emerging Business Laws and its Ramifications", SS Global Holla Associates in association with National Law School of India University at Radisson Blu, Coimbatore	1	25/08/2018	25/08/2018	1
Two days workshop on Industrial Pneumatics at Dr.MCET, Pollachi.	2	17/09/2018	18/09/2018	2
One week National Level workshop on Advanced Computational Mechanics at SASTRA University, Tanjore.	2	10/12/2018	15/12/2018	6

One day Workshop on Taguchis Design of Experiments at KPR Institute of Engineering and Technology, Coimbatore	3	29/12/2018	29/12/2019	1
FDP on Utility based energy efficient management practices with reference to industrial needs, Kongu Engineering College, Erode	2	11/06/2018	16/06/2018	6
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
236	236	116	116

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> <li>• Subsidized transportation facility is provided for faculty.</li> <li>• Medical facilities are available for all faculty.</li> <li>• WiFi facility is provided.</li> <li>• ESI, Employee provident fund and Gratuity.</li> <li>• Financial support is provided for all faculty who present papers in national and international conferences, attend seminars, workshops and industrial training.</li> <li>• Orientation programs are conducted for freshly joined faculty.</li> <li>• Faculty distress programs like yoga, trekking and musical concerts are organized.</li> <li>• Systematic health care awareness programs are conducted for faculty.</li> <li>• Maternity leave is given to</li> </ul>	<ul style="list-style-type: none"> <li>• Free transportation facility is provided.</li> <li>• Maternity leave is provided.</li> <li>• Destress programs are conducted.</li> <li>• Health care awareness programs are conducted.</li> <li>• Motivated to pursue higher education.</li> <li>• Skill development programs are conducted</li> </ul>	<ul style="list-style-type: none"> <li>• Medical facilities are made available when ever required.</li> <li>• Placement training sessions are conducted.</li> <li>• WiFi facility.</li> <li>• Health care awareness and distress programs are conducted.</li> <li>• Programs to enhance presentation skills of students are conducted.</li> <li>• Financial support is provided to students who go abroad for presenting papers in conferences.</li> </ul>

faculty.

#### 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 institution conducts external and internal financial audits regularly. The internal audit is conducted twice in a year. A committee is formulated consisting of one ChairThe HoD and 2 Senior faculty members of the college. The documents are examined and the shortcomings are listed out in a report and it is circulated to the department. The external audit is conducted once in a year and the report is submitted to the Principal.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Nil	0	Nil
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6.4.3 – Total corpus fund generated

0

#### 6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Professors from other Institutes	Yes	Senior Faculty Members of different Departments
Administrative	Yes	CA	Yes	Auditor

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

- The information management system of the institution provides access to the attendance and internal marks of the students to their parents. Class advisors and tutors are in constant touch with the parents through phone.
- After every continuous assessment test, the report cards of the students are send to the parents through postal services. Parents of the students who perform poorly in academics are requested to meet the tutor and student counselling is done along with the parents
- Systematic academic review meetings are conducted with parents after every continuous assessment tests to discuss the academic performance and discipline of the students and tends to provide timely encouragement and motivation to the students.
- Feedback from parents are also included to revise the mission, vision, POs, PEOs and curriculum of every department.

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

- Seminars, workshops and guest lectures are conducted for nonteaching faculty to enhance their skills and enrich their knowledge.
- Industry personals conduct live demos of their products supplied to laboratories to nonteaching faculty.
- Yoga and other destressing activities are conducted for support staff.

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

1. Outcome and choice based education 2. Technology enabled 247 Learning environment 3. Industry Driven Curriculum 4. Industry Powered Laboratories 5. Project Based and Experiential Learning 6. Self - Learning through MOOC platforms and flipped classrooms 7. Product Development Centres to kindle students interest and innovations 8. Club activities to ignite young minds 9. Research Projects and Patents 10. Industry offered Credit Courses

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Workshop on "HVAC R Concepts and Industrial Practices" for Students MECH	27/08/2018	27/08/2018	28/08/2018	65
2018	Guest Lecture on " Organisation Development Intervention " for Students MBA	17/09/2018	17/09/2018	17/09/2018	42
2018	FDP on "Students Fragile: Handle with Care" for Faculty members MBA	09/11/2018	09/11/2018	09/11/2018	210
2018	Seminar on Human Health Hazards and Control Measures in Construction Industry for Faculty members CIVIL	20/07/2018	20/07/2018	20/07/2018	200
2018	AICTE ISTE Sponsored Induction/Refresher Programme on "Machine	18/06/2018	18/06/2018	23/06/2018	40

	Learning Techniques for Next Generation Smart Systems for Faculty members CSE				
2018	Workshop on "Blockchain Technology" for Students CSE	12/10/2018	12/10/2018	12/10/2018	165
2018	Seminar on Data Science and Data modelling for Real World Problems for Students CSE	15/10/2018	15/10/2018	15/10/2018	170
2018	Guest Lecture on "Microcontroller Applications An Industrial Perspective" for Faculty members ECE	07/09/2018	07/09/2018	07/09/2018	35
2018	Seminar on An Industrial Perspective on Electromagnetics for Faculty members ECE	29/09/2018	29/09/2018	29/09/2018	35
2018	Seminar on Trends and Developments in Wireless Communication for Faculty members ECE	11/10/2018	11/10/2018	11/10/2018	35
2018	AICTE ISTE Sponsored induction/ refresher programme on Embedded Systems and its application in IoT for Faculty	25/06/2018	25/06/2018	30/06/2018	35

	members EEE				
2018	Guest Lecture on "Career Opportunities in VLSI Design" for Students EEE	07/09/2018	07/09/2018	07/09/2018	100
2018	Workshop on "Soft Computing Techniques and its application in Engineering" for Students EEE	12/10/2018	12/10/2018	12/10/2018	160
2018	Workshop on "Building IoT Products" for Faculty members IT	07/09/2018	07/09/2018	07/09/2018	18
2018	Seminar on Predictive Analytics and Machine Intelligence for Faculty members IT	04/10/2018	04/10/2018	04/10/2018	18
2018	Workshop on "Robotics Process Automation" for Faculty members IT	11/10/2018	11/10/2018	11/10/2018	60
2018	Seminar on Lean Manufacturing Practices in Industries for Students MECH	18/08/2018	18/08/2018	18/08/2018	55

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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 on women's health	28/09/2018	28/09/2018	500	0
One day workshop on work life balance and child mental health awareness	12/11/2018	12/11/2018	0	100

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

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

Percentage of power requirement of the College met by the renewable energy sources : 24 Sri Krishna College of Technology motivates our students to keep the environment green and clean. Encouraged by Swatch Bharat Mission, TwinBin system is being used in the Institute to separate recyclable and biodegradable waste. More than 100 dust bin on campus to collect the different wastes such as paper, plastics, aluminium can, food wastage, etc. Our institution taking serious initiatives to reduce liquid wastes to avoid water scarcity inside the campus. Sewage treatment plant is in use both institution campus and hostel waste water. The traded water is used for gardening and flushing purpose. Rain water harvesting is another important initiatives taken by the management and student to save rain water.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Provision for lift	No	0
Ramp/Rails	Yes	0
Braille Software/facilities	Yes	0
Rest Rooms	Yes	0
Scribes for examination	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	0	1	25/02/2019	1	phanage visit	Donate to Grocery things and food items, Cheshire home, Sow ripalayam , Coimbat ore.	12

2018	1	0	23/12/2018	2	Basics of PLC programming languages,	Workshop, Sri Krishna Polytechnic students	41
2018	0	1	04/09/2018	1	Clean and Green India	Removal garbage polythene, Kolathupalayam Government School, Coimbatore	100
2018	0	1	03/09/2018	1	Food for Needy	Donating food, Infant Jesus church, Kovai pudur, Coimbatore	80
2018	0	1	02/09/2018	1	Orphanage visit	Donate to Grocery things, not the books, Stationary items and food items, Bethel Home	95
2018	0	1	01/09/2018	1	Old age Home Visit	Donate to Grocery things and food items, Old age Home Bethel Home	85
2018	1	0	15/08/2018	1	Tree plantation	Creation of awareness for Arivoli nagar people	200
2018	0	1	25/06/2018	1	Donation to NGO for Flood relief	Donating money and food items	1500

#### 7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Academic information brochure for Students	31/05/2018	Informations are published in our website.

Revised guidelines of affiliating University and UGC are also amended whenever applicable. Academic information brochure is updated every year, which carries the rules and regulation to be followed by a student during their tenure of study.

Service Rule book for Teachers

31/05/2018

Informations are published in our website. Revised guidelines of affiliating University and UGC are also amended whenever applicable. Academic information brochure is updated every year, which carries the rules and regulation to be followed by a student during their tenure of study.

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Republic day	26/01/2019	26/01/2019	200
Independence day	15/08/2018	15/08/2019	150
Induction Program for First year students	03/08/2018	08/08/2018	739
Yoga day	21/06/2018	21/06/2018	70

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

1. Green Campus Tree plantation, Clean and Green India
2. Awareness program on Wildlife safety
3. Solid waste management by composting
4. Liquid waste management by reusing water for gardening after treatment
5. Plastic free campus
6. Reuse of papers (using one side papers for rough printouts)

### 7.2 – Best Practices

#### 7.2.1 – Describe at least two institutional best practices

**BEST PRACTICE I**

1. Title of the Practice: Online certification courses
2. Objectives of the Practice:
  - To encourage and enhance the self learning capabilities of students
  - To increase domain based certifications and increase employment opportunities
  - To built the career profile of each student
3. The Context: The learning pace and technological advancements have led to the online platforms for enhancing skills of students. The MOOC courses undergone by the students helps them in improving the engineering and soft skills , thus helping them with their career goals.
4. Practice: Students often earn certificates to get a step ahead in the professional field of their interest, and certificates may be offered in similar programs leading to degrees. The online certification course is made mandatory for every student in their curriculum and credits are awarded for the same. Additional credits can also be earned through mocc courses by students.
5. Evidence of Success: The evidence

of success is visible, qualitatively as well as quantitatively. The students understand and also develop their knowledge widely in various domains helping them to achieve their career goals. 6. Problems encountered Resources required: Payment for final certificates is found a bit difficult among few students.

Encouragement scholarships can be provided by the online certification platforms for maximum participation. BEST PRACTICE II 1. Title of the Practice: Industry involvement in Teaching Learning Process Assessments. 2. Objectives of the Practice: • To make the students industry ready • To enhance the skills of students to solve real time industrial problems and involve in consultancy works 3. The Context: Industry persons are involved to improve our curriculum and syllabus with some latest industry trends and it bridges the gap between Institute and Industry. Industry Experts are evaluating the student projects, laboratory examination and Industry trainings. 4. The Practice: All students are encouraged to attend inplant training, internship, industrial visit etc., they are gaining knowledge through visiting the industry real time setups. Students are assessed by either internal faculty or industry persons and marks are awarded. The programmes are conducted in every department by the industry person such as workshop, guest lecturers etc., Students are getting knowledge about the industry projects and also involved in internship trainings. 5. Evidence of Success: Students are monitoring and assessed by faculty through rubrics. Internships are paid and nonpaid base and some internship are converted into full time placements. 6. Problems Encountered and Resources Required: Eminent persons do not find time to interact frequently with students on a regular basis. In order to overcome the same events like web conferencing and skype calls are arranged for their interaction with the students.

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

<http://www.skct.edu.in/Best%20Practise.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

**INSTITUTIONAL DISTINCTIVENESS** The Vision of the Institute focuses on two aspects essentially: World class technical education and Interdisciplinary Research for solving society needs. The Institute has established its distinctive approach towards this comprehensive Vision by structuring its activities in these areas The world class education is achieved by designing the curriculum to meet the global requirements and through technology enabled teachinglearning methods blended with ethical values. The syllabus is updated based on recommendations by all the stake holders. The choice based curriculum enables the students to visualize the career opportunities and the approach systematically towards achieving them. The teaching learning process includes several pedagogical initiatives like smart boards in all classrooms, Google classroom, snap talk for improving communication skills, online learning via NPTEL, active learning exercises and Technical clubs. Participation of students in CoCurricular Activities and Extra Curricular Activities helps to enhance all rounded personality to strongly face the turbulent road of the future. Experiences and appreciations gained through these activities assist students during internships. Career guidance, Personal counselling, Placement Training are well structured via a good Mentoring scheme. Student participation in CoCurricular Activities and Extra Curricular Activities is facilitated through professional bodies and student associations. Special mention is an excellent library facility which acts as a source of information for both faculty and the students. The nation in general is facing the problem of lack of skill set among youth. A couple of initiative taken by the institute to impart skill based education is the establishment of centre of excellences to facilitate the

academic and sponsored projects. The centres provide various value added certificate courses as well as create a hatching ground for the students to develop their ideas into products. The EDC cell functioning in the institutes help students to convert their ideas into products. The Course based projects, Social impact projects, value added courses offered by the institute provides the knowledge regarding cutting edge technologies, enabling the students to carry out interdisciplinary research. Students are encouraged to participate in various Hackathons like Smart India Hackathons and have won many prizes in past years. The Industry Institute cell is effective in identifying suitable industry partners and help in joint activities which benefit both. In addition to these the institute focus on recruiting and retaining well qualified motivated faculty and staff and provide adequate infrastructure, equipments and machinery. They provide amenities like gym, ground, food court, transport, round the clock internet facility, power backup, hostels etc in harmony with nature. The institute takes conscious efforts to create awareness about energy conservation and renewable energy. Solar panels are used in hostel and campus. The institute is friendly for differently abled. The student NSS wing is active in order to imbibe strong social values in our students. A disciplinary committee look into disciplinary acts and ragging. A women grievance forum is functioning to prevent sexual harassment. Various personality development programs and health checkups camps are conducted. The institute ensures an inclusive workplace by fostering a community spirit at work.

Provide the weblink of the institution

<http://www.skct.edu.in/Institutional%20Distinctiveness.pdf>

## 8.Future Plans of Actions for Next Academic Year

1. PRIDE: PRIDE is a skill development forum helping students in 3600 development. The forum has established a platform, bringing together like minded community of students to get involved in activities covering a wide spectrum from Research, Patent filing, Product developments and Entrepreneurship. The forum also exposes the students to various national and international level contests and encourages them to participate. 2. Structured API: Our college follows a comprehensive appraisal system taking into consideration the following 3 criteria: (i) Teaching Learning Process (ii) Research (iii) Outreach Every faculty and the department as a whole is assessed at the end of each academic year based on the above for the performance and suitably rewarded. 3. B.E Mechanical Engineering B.Tech Information Technology Programmes are will be submitted their PreQualifiers SAR to obtain the renewal of their accreditation process during the Academic year 201920. 4. Department of Electronics and Communication Department of Computer Science Engineering will renew their research centre recognition status during the Academic year 201920. 5. Core Placement: Each Department Training and Placement division will be getting connected to Tier 1 companies to improve the dream company placements in Core Engineering stream. 6. Improvement in Research Professional practice Research grants received will happen which will help in the entry of our college to first 100 Ranked institution by NIRF. 7. The NAAC status will be applied for renewal during the Academic Year 201920.