



Ready for
Every Good Work

SACRED HEART COLLEGE (AUTONOMOUS)

Tirupattur – 635 601, Tamil Nadu, S.India

Resi : (04179) 220103

College : (04179) 220553

Fax : (04179) 226423

A Don Bosco Institution of Higher Education, Founded in 1951 * Affiliated to Thiruvalluvar University, Vellore * Autonomous since 1987

Accredited by NAAC (4th Cycle – under RAF) with CGPA of 3.31 / 4 at 'A+' Grade

6.5.3 AQAR 2019-2020



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		SACRED HEART COLLEGE (AUTONOMOUS)
Name of the head of the Institution		Rev. Dr. D. Maria Antony Raj
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		04179220553
Mobile no.		9443438658
Registered Email		office@shctpt.edu
Alternate Email		principal@shctpt.edu
Address		Vaniyambadi Main Road, Tirupattur
City/Town		Tirupattur
State/UT		Tamil Nadu
Pincode		635601
2. Institutional Status		

Autonomous Status (Provide date of Conformant of Autonomous Status)	24-Sep-1987
Type of Institution	Co-education
Location	Rural
Financial Status	Self financed and grant-in-aid
Name of the IQAC co-ordinator/Director	Dr. S. Sagayaraj
Phone no/Alternate Phone no.	04179226602
Mobile no.	9443035624
Registered Email	iqac@shctpt.edu
Alternate Email	saya@shctpt.edu

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://shctpt.edu/IOAC/files/Part_A_3_AOAR_2019_20.pdf
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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://shctpt.edu/IOAC/files/Part_A_4_Academic_Calendar_2019_20.pdf

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	Four Star	0	2000	07-Feb-2000	06-Feb-2007
2	A	0	2007	10-Feb-2007	09-Feb-2012
3	A	3.43	2013	08-Jul-2013	07-Jul-2018
4	A+	3.31	2019	08-Feb-2019	07-Feb-2024

6. Date of Establishment of IQAC

28-Jun-2004

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
Teaching Learning and Evaluation Criterion Weightage	14-Dec-2019 12	206
Research Day Parameters	14-Dec-2019 12	206
Academic Administrative Audit(AAA)	18-Oct-2019 105	206
Paramarsh	17-Feb-2020 365	395
Examination Manual	17-Jun-2019 365	206
View File		

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
Institution	Fund For Improvement Of Science And Technology	Ministry of Science and Technology (Department of Science and Technology)	2018 1825	95000
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	6
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	Yes
If yes, mention the amount	1600000

Year	2019
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12. Significant contributions made by IQAC during the current year(maximum five bullets)

- Paramarsh
- Academic Administrative Audit(AAA)
- Research Day Parameters
- Teaching Learning and Evaluation Criterion Weightage
- Examination Manual

[View File](#)

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

Plan of Action	Achivements/Outcomes
Others	<ul style="list-style-type: none"> • Parents meet was organized for all the classes. • DEEDS programme for all the II year students • Research Forums for students to cultivate research interest • Installation of Sacred Heart Fellowship for students to support and promote research. • IQAC reviewed the report of AQAR 2018-19. The updated version was uploaded in http://shcptt.edu/IQAC/files/Part_A_3_AQAR_2018_19.pdf • The Departmental Association programme, achievements, remedial programme, student discipline, results of the students, faculty cooperation and future plans of the department were evaluated with the help of SWOC framework in November 2019 and April 2020. • IQAC organized Faculty Evaluation by the Students at the end of each semester. The analysis of the feedback was communicated to the faculty members by the Principal in November 2019 and April 2020
Faculty Improvement Programmes	<p>A Oneday workshop on leadership training programme was conducted for the heads of the departments at Sacred Heart College in 12th June 2019. The training gave the necessary skills to coordinate and takes forward the different strategies for the year.</p> <ul style="list-style-type: none"> • A twoday animation programme was conducted for all staff in 13th and 14th June 2019 at the college premises. The focus was on the thrust areas of the college for the academic year. • All faculty members drafted their annual development plan and teaching plan and updated online their personal profile in the college website. The Principal and HODs can access the annual

	development plan through web and review it.
Faculty Improvement Programmes	<ul style="list-style-type: none"> • A two day orientation programme was conducted for Newly recruited staff members from 3th and 4th June 2019 at the college premises. • Periodical staff meetings were conducted and staff members are updated on education, research and outreach activities. • Annual Retreat for two days for all the staff members was conducted on 24th and 25th October 2019 • Installation of DonBosco Fellowship to support there search activities of Faculty members. • Monthly meetings with Head of the Departments to systematically check define and redefine areas of improvement and development.
Student Improvement Programmes	<ul style="list-style-type: none"> • Members of the Non Academic Associations such as NCC, NSS, RedRibbon Club, JRC, Rovers and Rangers, Media Forum, AICUF, MNI, RoctractClub, and Fine Arts attended a one day long orientation programme in July 2019. This was conducted with the idea of improving leadership qualities, interpersonal relationships, and personality development in students. • The leaders of CQC of each class were brought together for an orientation programme to be effective leaders to Coordinate CQC related activities. • SHAPE is being conducted every month • CQC has paved the way for peer learning • SHELTERS have sensitized the students to cater to the social needs. • Bridge course for newly admitted students to acquaint themselves to college studies. • Language training offered by communicative English department
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14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
Governing Body	13-Mar-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
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16. Whether institutional data submitted to AISHE:	Yes
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Year of Submission	2019
Date of Submission	30-Sep-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>•eGovernance Electronic Governance(eGovernance) is the application of Information and Communication Technology (ICT) for delivering and exchanging information, communication transactions, integration of various standalone systems and services. The eGovernance services is made available to three main target groups namely Management, Staff and Students, providing information in a convenient, efficient and transparent manner by various aspects, such as Webbased service delivery, Digital democracy and Establishment of a secure and cooperative interaction. •Planning and Development The module focuses on the College Handbook (Text and Mobile apps) and EPP which is made available on the college website. •Administration All College Office Activities are digitalized. •Student Admission and Support The module covers various activities which include: Applying for Admission, Student Login (Attendance, CA Marks, Feedback, Leave Management, Exit Interview), Examination Fee Application Payments, Generation of Hall Tickets, Monitoring of their Academic Progress and End Semester Examination Results. •Examination All Examination Related Activities are digitalized and records are kept in the office of the controller of examinations. •ERP AcME ERP is used to maintain all finance related transactions and documents. Annual eGovernance report approved by Governing Council/ Board of Management/ Syndicate. From 2014 onwards the following software modules were developed. •Admission Module The Admission module allows the candidates to apply online for any course offered by the college the module aids the manual verification process of the applications, and automatically filters and shortlists the applications according to the eligibility criteria</p>

and augments the selection process to complete the admission process adhering to the Admission guidelines. •Student Module The Student Module facilitates the creation and maintenance of their profile, applying for Examination Online, and viewing their CA, Semester Performances and their attendance. They can also download the needed certificates instantly which will be authorized by the Principal. They can opt for nonmajor electives online. At the end of every semester, they can evaluate the performance of their course teachers online. •Office Module All the segments of the college office including student services, fee payment and customizable reports can be created in this regard. •Examination Module The Schedule of end semester examinations is created the received applications are confirmed and customizable reports are generated. •Staff Module This module caters to the faculty needs such as creating and maintaining their profile and updating their details on their corporate life, international exposure, memberships/fellowships, annual plan, teaching plan, leave management, research work, publications, research projects, awards and achievements. They can enter the day today attendance online and also calculate the CA marks. •ERP AcME. ERP is an Enterprise Resource Planning software solution for religious and nonprofit organizations (NPO) which provides simple, user friendly and computerized software to maintain all the institution accounts and it allows to generate reports of all accounts transactions. It is deployed as Head Office and Branch Office suite. Head office has the control over the branch offices by enforcing the branch offices to follow certain policy. Head Office admin creates the masters and those masters can be downloaded by the Branch Offices on demand from the Head Office.

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
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BSc	MA01	Mathematics	17/06/2019
MSc	MA02	Mathematics	17/06/2019
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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
BSc	Mathematics	17/06/2019	Solid Geometry and Fourier Series M314	17/06/2019
BSc	Mathematics	17/06/2019	Number Theory M538A	17/06/2019
BSc	Mathematics	17/06/2019	Mathematical Modeling M538B	17/06/2019
BSc	Mathematics	17/06/2019	Mathematics for Competitive Examinations-I NMA503	17/06/2019
BSc	Mathematics	17/06/2019	Mathematics for Competitive Examinations-II NMA603	17/06/2019
BSc	Mathematics	17/06/2019	Mathematical Competence course	17/06/2019
MSc	Mathematics	17/06/2019	Discrete Mathematics M744B	17/06/2019
MSc	Mathematics	17/06/2019	Skill Enhancement I - Algebra M744C	17/06/2019
MSc	Mathematics	17/06/2019	Mathematical Models in Biology M844A	17/06/2019
MSc	Mathematics	17/06/2019	Fuzzy Mathematics M844B	17/06/2019
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BSc	Computer Science	17/06/2019
MSc	Counseling Psychology	17/06/2019
BCA	Computer Application	17/06/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BA	Economics	17/06/2019
MA	Economics	17/06/2019
MPhil	Economics	17/06/2019
BCom	Commerce	17/06/2019
MCom	Commerce	17/06/2019
MPhil	Commerce	17/06/2019
BSc	Mathematics	17/06/2019
MSc	Mathematics	17/06/2019
MPhil	Mathematics	17/06/2019
BSc	Physics	17/06/2019
MSc	Physics	17/06/2019
MPhil	Physics	17/06/2019
BSc	Chemistry	17/06/2019
MSc	Chemistry	17/06/2019
MPhil	Chemistry	17/06/2019
BSc	Computer Science	17/06/2019
MSc	Computer Science	17/06/2019
MPhil	Computer Science	17/06/2019
MSW	Social work	17/06/2019
MPhil	Social work	17/06/2019
BBA	Business Administration	17/06/2019
MBA	Management Studies	17/06/2019
MPhil	Management Studies	17/06/2019
BA	Tamil	17/06/2019
MA	Tamil	17/06/2019
MPhil	Tamil	17/06/2019
BSc	Biochemistry	17/06/2019
MSc	Biochemistry	17/06/2019
MPhil	Biochemistry	17/06/2019
BCA	Computer Application	17/06/2019
MCA	Computer Application	17/06/2019
MPhil	Computer Application	17/06/2019
BA	English	17/06/2019
MA	English	17/06/2019
MPhil	English	17/06/2019
BCom	Commerce. (CA)	17/06/2019

MSc	Counselling Psychology	17/06/2019
BSc	Microbiology	17/06/2019
PhD or DPhil	Tamil	17/06/2019
PhD or DPhil	Economics	17/06/2019
PhD or DPhil	Commerce	17/06/2019
PhD or DPhil	Mathematics	17/06/2019
PhD or DPhil	Physics	17/06/2019
PhD or DPhil	Chemistry	17/06/2019
PhD or DPhil	Computer Science	17/06/2019
PhD or DPhil	Social Work	17/06/2019
PhD or DPhil	Management Studies	17/06/2019
PhD or DPhil	Biochemistry	17/06/2019

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
Mathematical Modeling with Spreadsheet	17/06/2019	26
LaTeX For Mathematics	17/06/2019	80
ElectiveI:Mathematicsfor CompetitiveExaminations	17/06/2019	78
ElectiveII:BasicMathematics	17/06/2019	76
SkillEnhancementI-Algebra	17/06/2019	40
SkillEnhancementII-Line arAlgebra	17/06/2019	40
SkillEnhancementIII-RealAnalysis	17/06/2019	43
SkillEnhancementIV-ComplexAnalysis	17/06/2019	43
Certificate in NGO Management	17/06/2019	44
Certificate in Tourism Studies	17/06/2019	42
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BBA	Business Administration	62
BCA	Computer Application	51
MSc	Counselling Psychology	16
MSc	Biochemistry	17

MSc	Chemistry	29
MBA	Management studies	47
MSc	Computer Science	26
BSc	Physics	31
MSW	Social work	151
BA	English	44
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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	No

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

<p>Feedback Obtained</p> <p>At Sacred Heart College (Autonomous), there is a structured feedback system in check. This system ensures that feedback based on the curriculum aspects, courses structure and infrastructure facilities are regularly updated drawing inferences and suggestions from different stakeholders such as students, parents, faculty, employers and alumni. The college upholds the IQAC as a pivotal body in ensuring quality consciousness and enrichment. Under the purview of the IQAC, various departments and committees like the Career Guidance Cell, Anti-Ragging Committee, Women's Cells, Counselling Centre and the Sexual Harassment Committee, etc reinforce the curriculum by incorporating updated information and diurnal social issues for holistic development. Periodical analysis is made by the IQAC in ensuring quality via student's surveys, faculty performance reviews, parent meetings, alumni interaction and employee contact. Student's surveys and faculty reviews are carried out online via a robust application developed by the IQAC. Feedback from the parents is carried out with a human touch via by face to face interaction in parent teacher meetings. Further feedback from stakeholders which include the alumni, and employers are collected via tailor made exclusive meetings and conferences. Feedback of stakeholders is sought regularly about infrastructure and learning resources for ensuring optimum teaching and learning. Accordingly, continuous review of infrastructure and learning resources is carried out by respective committees and the recommendations are integrated for upgrading, maintaining and utilizing physical, academic and support facilities. Feedback which is taken from faculties, stakeholders and experts regarding industry trends is used to identify new demands of industry. The aspect of confidentiality is always maintained at Sacred Heart College, bearing in mind the felt needs of the students as their feedback and areas of improvement are communicated to their respective faculty for the development of their teaching and learning pedagogy. Feedback received by students on their respective teacher's performance is communicated directly by the principal for faculties having more than two years of experience in the college and by the rector for the new recruits of the college. Another unique aspect of Sacred Heart College, is its open-door system, which enables anyone with a grievance, issue or suggestion to meet the principal or the rector for sorting out any objection.</p>

Structured feedback taken from students, alumni, employers and experts from academia, industry and research serve in the regular improvement of the course/programme offered by the college. Feedbacks from faculties are also taken for their suggestions in syllabus revision. Feedback taken from eminent experts is facilitated to incorporate new areas in the curriculum/programme. Feedback from students is also taken through CQC meetings (Class Quality Cell) and corrective measures are taken accordingly to improve the teaching-learning processes.

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
BCA	Computer Application	55	402	55
BSc	Biochemistry	55	208	55
BA	Tamil	77	162	77
BBA	Business Administration	77	254	77
BSc	Computer Science	110	708	110
BSc	Chemistry	110	618	110
BSc	Physics	110	634	108
BSc	Mathematics	154	348	150
BCom	Commerce	154	625	153
BA	Economics	77	125	77

[View File](#)

2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	3584	1107	71	34	101

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
206	183	7	104	9	1

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

[View File of E-resources and techniques used](#)

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

Sacred Heart Accompanying Programme Education (SHAPE) INTRODUCTION The SHAPE is a holistic formation plan for the undergraduate students in Sacred Heart College. The Salesian System of Education has a unique way of mentoring, which is by accompanying the young by Salesians and teachers. Faculty members play a crucial role in the success of students and at every stage of the student life. As followers of Don Bosco, the staffs accompany the students by being present among them. The mentors direct their thoughts, words and deeds towards the positive development and reduce their attention towards the negative perspectives of life. Every mentor tries to lead the mentees to become good citizens of the Nation. The SHAPE is not meant to create a kind of dependency of mentee on the mentor but it forms the faculty members to become experts in helping the young people to take responsibility for their own development in the following dimensions of growth: Physical, Intellectual, and Psychological, Social, Spiritual and Skill development. While styles of advising and mentoring vary across the disciplines, the fundamentals apply throughout graduate education. The following guidelines will be of help to the faculty members who seek to improve their effectiveness as mentors. We hope it is useful to those who assume the role of mentor and for those who have enjoyed success but are looking to become more skillful with a wider range of students. THE MENTORING SYSTEM The mentor is both a friend and a role model who supports and encourages a young person in his/her academic and personal growth. The mentor is also a guide who helps a young person make the difficult change from school to higher education. This time of transition is especially important, for it is a time when young people are making decisions about how much — or how little they can expect to achieve. The SHAPE is designed for a staff member to accompany a group of about 8 students from each year to take responsibility for their own growth. The respective staff will help the allotted students for three years in their journey of shaping themselves. It is not a substitute for the counseling programme. The Rector/Secretary will be overall in charge of SHAPE and the Heads of the Departments will coordinate the programme for the department. Every first year UG student will be given a list of programmes or opportunities available in the campus to develop himself/herself on the following six specified dimensions of growth: Physical, Intellectual, and Psychological, Social, Spiritual and Skill development. They have to make their own choice of activities for their development.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
4691	206	23

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
206	186	20	20	99

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. I.NIYAS AHAMED Association of Indian Biologists, Tamil Nadu	Assistant Professor	Research Excellence Award-2019
2019	Dr. S. SIVACHANDRAKUMAR Appreciation Award	Assistant Professor	Meiyappan Publishers, Chennai
2019	Dr. S. SIVACHANDRAKUMAR Tamil Development Award	Assistant Professor	Dr V.S. Kuzhantaisamy Research Foundation

2019	Dr. P. Saranraj Young Scientist Award	Assistant Professor	Microbiologist's Society, India
2019	Dr. P. Saranraj Highest Citations Award	Assistant Professor	Sacred Heart College (Autonomous), Tirupattur
2020	Dr. P. Saranraj Best Research Forum Coordinator Award	Assistant Professor	Research Forum, Sacred Heart College (Autonomous), Tirupattur
2020	Dr. P. Saranraj Research Excellence Award (Microbiology)	Assistant Professor	PEARL Research Foundation, India
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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
MA	EC02	November 2019 Semester Exams	20/11/2019	02/12/2019
BCA	CA01	November 2019 Semester Exams	20/11/2019	02/12/2019
BA	EN01	November 2019 Semester Exams	20/11/2019	02/12/2019
BBA	BB01	November 2019 Semester Exams	20/11/2019	02/12/2019
BSc	BC01	November 2019 Semester Exams	20/11/2019	02/12/2019
BSc	CS01	November 2019 Semester Exams	20/11/2019	02/12/2019
BSc	CH01	November 2019 Semester Exams	20/11/2019	02/12/2019
BSc	PH01	November 2019 Semester Exams	20/11/2019	02/12/2019
BSc	MA01	November 2019 Semester Exams	20/11/2019	02/12/2019
BCom	CO01	November 2019 Semester Exams	20/11/2019	02/12/2019
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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	Total number of students appeared	Percentage
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about evaluation	in the examination	
2	46	0.04347

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://shctpt.edu/IOAC/files/Part_B_2.6.1_Program_Outcomes_2019_20.rar

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
MB01	BSc	Microbiology	44	40	90.91
EN01	BA	English	71	65	91.55
BC01	BSc	Biochemistry	44	44	100.00
BB01	BBA	Business Administration	61	54	88.52
CS01	BSc	Computer Science	52	44	84.62
CH01	BSc	Chemistry	51	48	94.12
PH01	BSc	Physics	50	47	94.00
MA01	BSc	Mathematics	72	66	91.67
CO01	BCom	Commerce	73	67	91.78
EC01	BA	Economics	63	55	87.30

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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://shctpt.edu/IOAC/files/Part_B_2.7.1_SSS_2019_20.rar

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
NeethuAsokan

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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
Nill	NIL	NIL	Nill	NIL

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3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1095	DST-SERB (Science and Engineering Research Board), Dept. of Science and Technology, Govt. of India.	1924450	400000
Any Other (Specify)	730	ICSSR (Indian Council of Social Science Research), New Delhi	400000	280000
Minor Projects	730	UGC - SERO, Hyd	86059	21059
Minor Projects	730	UGC - SERO, Hyd	253984	9984
Minor Projects	730	UGC - SERO, Hyd	216000	7500

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

10

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
Pre-Marital Counselling	Counselling Psychology	18/08/2019
National Workshop on Art Therapy	Counselling Psychology	28/09/2019
Basic on EXCEL Statistics: Tabulation, Calculations and Analysis	Counselling Psychology	24/10/2019
Assessment on Psychological Testing	Counselling Psychology	14/12/2019

Psycho Social Integration	Counselling Psychology	03/01/2020
International Conference on Advances in Materials Research	Physics	12/02/2019
A state Level Technical Workshop On Intellectual Property Rights	Physics	19/09/2019
Workshop on Capability enhancement in Powder-X-ray Diffraction and Rietveld Refinement Analysis	Physics	30/01/2020
BIOZONE 2019 National Seminar on "Role of Nutraceuticals in Human Health (RNHH-2019)"	Biochemistry	27/08/2019
Hands-on Training Workshop on Vermi Composting	Biochemistry	17/02/2020
National Seminar on Young Entrepreneurship Development"- (Perspectives, Problems and Prospects)	B.Com(CA)	28/09/2019
Workshop on PhotoShop	B.Com(CA)	04/02/2020
National Workshop on Multimedia Tools	B.Com(CA)	27/02/2020
IIPA Sponsored State Level Seminar on "Water Crisis and Water Management"	Economics	19/07/2019
"Counseling on Relationships" and "Multiple Intelligence for Fresher's"	Economics	10/08/2019
Economic Quiz	Economics	22/08/2019
55th A.D. Shroff Memorial Elocution Competition-Preliminary round	Economics	27/08/2019
Seminar On Learning Styles	BCA	16/08/2019
Annual workshop	BCA	29/08/2019
Seminar On AI in Test Automation	BCA	09/01/2020
Project Methodology Report Generation	BCA	25/11/2019
SAIT'20	BCA	30/01/2020
Research Paper Writing	Counselling Psychology	08/08/2019

Presentation		
International Conference on "Advanced Trends and Innovations in Life Sciences - Atils 2019" (Microgalaxy 2019)	Microbiology	27/09/2019
55th A.D. Shroff Memorial Elocution Competition-Final round	Economics	17/09/2019
Two Days National Workshop on "Applied Econometrics for Business and Research"	Economics	03/12/2019
Invited talk on "Scope of Economics"	Economics	09/01/2020
International Conference on Role of Transport on Developmental Challenges in India	Economics	07/02/2020
Budget Discussion 2020	Economics	12/02/2020
ICSSR Sponsored National Seminar on Environmental Concerns, Water Crisis and Sustainable Development-Issues and Challenges	Economics	20/02/2020
Ilakkiya Kotpadugalum Maru Uruvakkangalum	Tamil	20/08/2019
Tamil Computing	Tamil	28/02/2020
Student seminar	Tamil	13/02/2020
Thirunangai Santhippu	Tamil	15/02/2020
View File		

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
Alternative usage of distillation unit	S. Aishwariya C. Nathiya, S. UshaNandhini, B.karthikeyan, A.Buvaneshwaran	SHYIA-2020 Sacred Heart college (Autonomous), Tirupattur	28/02/2020	Alternative usage of distillation unit
Formulation of novel vegetables and fruits waste culture medium for the cultivation of industrially important fungi.	A. Sudha B. Anitha T. M. SadiquaJabeen L. Yuvalakshmi	SHYIA-2020 Sacred Heart college (Autonomous), Tirupattur	28/02/2020	Formulation of novel vegetables and fruits waste culture medium for the cultivation of industrially important fungi.

Eco-friendly Recycling Of Lignite Fly Ash For The Improvement of Growth And Biochemical Constituents of Spirulina platensis	M. Nivetha R. Nisha J. Hephzibah E. Priya	SHYIA-2020 Sacred Heart college (Autonomous), Tirupattur	28/02/2020	Eco-friendly Recycling Of Lignite Fly Ash For The Improvement of Growth And Biochemical Constituents of Spirulina platensis
Sand Fresh (Natural Refrigerator)	F. Anthony Mary I .Marthal M.Josephine Mary Pereira Neticia	SHYIA-2020 Sacred Heart college (Autonomous), Tirupattur	28/02/2020	Sand Fresh (Natural Refrigerator)
Degradable sanitary napkin	S.Aarthi D.Shabreen V. Karthikeyan	SHYIA-2020 Sacred Heart college (Autonomous), Tirupattur	28/02/2020	Degradable sanitary napkin
Formulation of soilless medium for rooftop gardening (A microbiological approach)	Arjun.G Thavasi.D Mathan.N Mohamed Syed Anwar	SHYIA-2020 Sacred Heart college (Autonomous), Tirupattur	28/02/2020	Formulation of soilless medium for rooftop gardening (A microbiological approach)
Portable Electronic mobile charge	Govindasamy .A	SHYIA-2020 Sacred Heart college (Autonomous), Tirupattur	28/02/2020	Portable Electronic mobile charge

[View File](#)

3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	Nil

[View File](#)

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Tamil	2
Mathematics	5
Physics	4
Computer Science	1
Economics	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
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			any)
International	Biochemistry	8	12
International	Business Administration	3	6.1
International	Counselling Psychology	2	6.2
International	Commerce	4	6.5
International	Computer Application(MCA)	2	0
International	BCA	2	6.5
International	Computer Science	12	5.5
International	Economics	1	0
International	English	4	6.2
International	Management Studies	10	0
View File			

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
Social work	2
Economics	4
Microbiology	32
Tamil	3
Physics	2
Mathematics	5
View File	

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
NIL	Nil	0	Nil
View File			

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
Building a Multilingual Ontology for Education Domain using Monto Method	Joseph Merlin Florence	International journal of Multidisciplinary educational research	2020	10	Sacred Heart College (Autonomous), Tirupattur - 635601	Nil

Feature Analysis of Ontology Visualization Methods and Tools	Joseph Merlin Florence	Journal of Information and Computational Science	2020	10	Sacred Heart College (Autonomous), Tirupattur - 6356010	Nil
Assessment of potability of Drinking water during Rainy season in Vellore District, Tamil Nadu, India	P. Saranraj	International Journal of Microbiology Research	2019	0	Sacred Heart College (Autonomous), Tirupattur - 635601	Nil
Fermentation of Starchy Potato waste to Bioethanol by Top Fermenting Brewer's Yeast	P. Saranraj	International Journal of Microbiology Research	2019	0	Sacred Heart College (Autonomous), Tirupattur - 635601	Nil
Tropical Fruit Wines: Health Aspects	P. Saranraj	International Journal of Microbiology Research	2019	0	Sacred Heart College (Autonomous), Tirupattur - 635601	Nil
Antioxidant properties of Papaya extract of Carica papaya Stem Straw	P. Saranraj, K. Amala	Journal of Drug Delivery and Therapeutics	2019	0	Sacred Heart College (Autonomous), Tirupattur - 635601	Nil
comprehensive investigation on the properties of nanostructured cerium	A. Albert Iru dayaraj,	Optical and Quantum Electronics	2019	1	Sacred Heart College (Autonomous), Tirupattur - 635601	1

oxide						
Investigation on the synthesis and photocatalytic activity of activated carbon cerium oxide nano composite	A. Albert Iru dayaraj,	Applied Physics A Materials Science and Processing	2019	4	Sacred Heart College (Autonomous), Tirupattur - 635601	4
Tuning the optical band Gap of pure TiO2 via photon induced method	A. Albert Iru dayaraj,	Optik	2019	0	Sacred Heart College (Autonomous), Tirupattur - 635601	Nil
comprehensive investigation on the properties of nanostructured cerium oxide	A. Albert Iru dayaraj,	Optical and Quantum Electronics	2019	1	Sacred Heart College (Autonomous), Tirupattur - 635601	1

[View File](#)

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
Building a Multilingual Ontology for Education Domain using Monto Method	Joseph Merlin Florence	International journal of Multidisciplinary educational research	2020	2	Nil	Sacred Heart College (Autonomous), Tirupattur - 635601
Feature Analysis of Ontology Visualization Methods and Tools	Joseph Merlin Florence	Journal of Information and Computational Science	2020	2	Nil	Sacred Heart College (Autonomous), Tirupattur - 635601

Assessment of potability of Drinking water during Rainy season in Vellore District, Tamil Nadu, India	P. Saranraj	International Journal of Microbiology Research	2019	27	Nil	Sacred Heart College (Autonomous), Tirupattur - 635601
Fermentation of Starchy Potato waste to Bioethanol by Top Fermenting Brewer's Yeast	P. Saranraj	International Journal of Microbiology Research	2019	27	Nil	Sacred Heart College (Autonomous), Tirupattur - 635601
Tropical Fruit Wines: Health Aspects	P. Saranraj	International Journal of Microbiology Research	2019	27	Nil	Sacred Heart College (Autonomous), Tirupattur - 635601
Antioxidant properties of Papaya extract of Carica papaya Stem Straw	P. Saranraj, K. Amala	Journal of Drug Delivery and Therapeutics	2019	27	Nil	Sacred Heart College (Autonomous), Tirupattur - 635601
comprehensive investigation on the properties of nanostructured cerium oxide	A. Albert Irudayaraj	Optical and Quantum Electronics	2019	9	1	Sacred Heart College (Autonomous), Tirupattur - 635601
Investigation on the synthesis and photocatalytic	A. Albert Irudayaraj	Applied Physics A Materials Science and Processing	2019	9	4	Sacred Heart College (Autonomous), Tirupattur

activity of activated carbon cerium oxide nano composite						- 635601
Tuning the optical band Gap of pure TiO2 via photon induced method	A. Albert Irudayaraj	Optik	2019	9	Nil	Sacred Heart College (Autonomous), Tirupattur - 635601
comprehensive investigation on the properties of nanostructured cerium oxide	A. Albert Irudayaraj	Optical and Quantum Electronics	2019	13	1	Sacred Heart College (Autonomous), Tirupattur - 635601
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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	10	24	Nil	Nil
Presented papers	7	5	2	Nil
Resource persons	Nil	4	8	2
View File				

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Rev. Dr. K.A. Maria Arokiaraj, Louis SahayaHenston D., Prof. S. Saravanan, Prof. Sivagnanam G.	Communicative English Training	Don BoscoHr.Sec.School, Polur, Tiruvannamalai - 606803	12000
Rev. Dr. K.A. Maria Arokiaraj, Prof. Peter ConisiousPrabhu A., Prof. S. Jeevananthan, Prof.	Communicative English Training	Don Bosco SIHARAM, P.B. 03, AdaiyurVillage, Kanji Road, Vengikkal (S.O.), Thiruvannamalai	30000

Sivagnanam G		Dt., 6060 604.	
Rev. Dr. K.A. Maria Arokiaraj	Communicative English Training	Don BoscoHr.Sec.School, Triple Storeyed, Bosco Nagar, Dharmapuri Railway Station, Dharmapuri - 636701,	8000
Rev. Dr. K.A. Maria Arokiaraj, Prof. Peter ConisiousPrabhu A., Prof. Louis SahayaHenston D., Prof. S. Jeevananthan, Prof. Prabakaran, Prof. Anto Maria Eusobia U., Prof. S. Saravanan, Prof. Sofia Selvarani S., Prof. ThemchurinRaikhan	Communicative English Training	IVDP and Government Arts College for Women, Wahab Nagar, Krishnagiri, Tamil Nadu- 635001. Phone: 04343 225 934	47625
Prof. Peter ConisiousPrabhu A., Prof. Anto Maria Eusobia U., Prof. Sofia Selvarani S.	Communicative English Training	St.Bedes AcademyNo.37, Santhome High Road, Santhome, Chennai - 600 004, Tamilnadu, India. Phone : 044 - 24660155	10000
Prof. Peter ConisiousPrabhu A., Prof. Anto Maria Eusobia U., Prof. Sofia Selvarani S.	Communicative English Training	Don Bosco Higher Secondary School, Pannur, Kottaiyur, Tamil Nadu- 602108 Phone: 099443 17123	6000
View File			

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
Dr. A. Poongothai Dr. A. Jayaprakash Dr. I. NiyasAhamed Biochemistry	PG Research Projects	MarudharKesari Jain College For Women, Vaniyambadi	45000	6
Dr. R. Bright	Antimicrobial activity	PG Students and Research Scholars from Sacred Heart	143000	22
View File				

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
Rally and Plantation	Tirupattur Sub- Collector Office	2	48
Awareness on Motor Vehicle Act and Road Safety	NSS	2	48
SwachhBharat - Campus Cleaning	NSS	2	40
JalShakthi - Awareness on Water Preservation	NSS	2	48
NSS Special Camp	NSS	2	40
Ek Bharat Shreshtha Bharat - Awareness on Regional Languages	NSS	2	45
Serving the Elder - Donation and Visit to Mahatma Old Age Home	NSS	2	30
Palm tree seeds planting Rally	Organize by SHC with 9 Groups and Movements	15	2
Palmyra Seed Plantation (All acting clubs in the college)	AICUF	30	2500
Relief aid to Nilgiri(State AICUF and NGO's)	AICUF	Nil	3

[View File](#)

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
NIL	NIL	NIL	Nil

[View File](#)

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/Agen cy/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Invited Talk	Tirupattur Town Club - 88779 (Rotaract	Invited Talk Psycho - Social Problems Faced	2	82

	Club)	By Adolescent Girls And Their Management		
Blood Test Camp	Thangamma Hospital , Tirupattur	Free Blood Test Camp to find out the HB count for SHIFT - II Girl Students	1	85
Palm tree seeds planting Rally	Tirupattur Taluk Office	Palm tree seeds planting Rally	15	72
AIDS AWARENESS	RED RIBBON CLUB	Siddha Speech Dengue Speech AIDS Awareness Speech	157	2557
Pre RD parade selection	Thiruvalluvar University	Selection	1	4
Unnat Bharat Abiyan	Ministry of Higher Education	Awareness Programme	5	60
View File				

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
Lab Training	06 PGDMLT Students	Self	29
One Unit in Human Resource Management	Mr. R. Veerappan	Self	2
One Unit in accounts	Dr. A. Arockimary	Self	4
GST	20 Students	Self	4
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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
Project work	Quality of Work Life	Sacred Heart College(Autonomous),Tirupattur	02/05/2019	31/05/2019	CHANDRU G
Project work	Manpower Turnover	Sacred Heart College(Autonomous	02/05/2019	31/05/2019	GOPAL M

),Tirupattur .			
Project work	Healthy Measures	Sacred Heart College(Autonomous),Tirupattur .	02/05/2019	31/05/2019	VINITHA D
Project work	Human Resource Planning	Sacred Heart College(Autonomous),Tirupattur .	02/05/2019	31/05/2019	MOHAMMED IRSHATH S M
Project work	Leadership Style	Sacred Heart College(Autonomous),Tirupattur .	02/05/2019	31/05/2019	RAGHUL D
Project work	Motivation	Sacred Heart College(Autonomous),Tirupattur .	02/05/2019	31/05/2019	NADEEM AKRAM M A
Project work	Consumer Preference	Sacred Heart College(Autonomous),Tirupattur .	02/05/2019	31/05/2019	PARKAVI D
Project work	Conflations of working women	Sacred Heart College(Autonomous),Tirupattur .	02/05/2019	31/05/2019	EZHILARASAN R
Project work	Wages and Salary Administration	Sacred Heart College(Autonomous),Tirupattur .	02/05/2019	31/05/2019	SUNDAR S
View File					

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
Anugraha, Dindigul	03/09/2019	- Inner child certificate course - Summer internship program - Collaboration in National seminar, workshop and conferences	19
Fountain, Krishnagiri	10/06/2019	- Hypnotherapy certificate course	16

		- Summer internship program - Collaboration in National seminar, workshop and conferences	
Niraiyagam, Chennai	11/03/2019	- LD certificate course - Family Counselling Program - Summer Internship program - Collaboration in National seminar, workshop and conferences	19
Atmamitra Centre, Kerala	03/03/2019	- NLP certificate course - Summer internship program - Collaboration in National seminar, workshop and conferences	16
Govt. Engineering College, Bargur, Krishnagiri	29/07/2019	Enhancing Employability Skill - Induction Programme	250
Department of Physics, AnnaiVelankanni College, Tholayavattam, Kanyakumari District, Tamil Nadu.	12/02/2020	Online research discussions	4
Deaprtment of Physics, Ch.S.D.St. Theresa's, Eluru, Andhra Pradesh.	07/02/2020	Online research discussions	4
Lesoftek, Salem	01/07/2019	Inplant Training Seminar Project Methodology	52
View File			

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
8251600	8321000

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
------------	-------------------------

Weeding (hard & soft)	12502	41900	12	875	12514	42775
View File						

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
NIL	NIL	NIL	Nil
View File			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	519	297	0	50	50	40	51	100	31
Added	15	0	2	0	0	0	4	30	9
Total	534	297	2	50	50	40	55	130	40

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

130 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
NIL	NIL

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
11824255	10742738	24945100	33157849

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)

The institution with its seven decades of experience has established systems and procedures for maintaining/utilizing every facility under its domain. Maintenance of the Campus The care and regular maintenance of the entire college is foreseen by the Administrator who with his staff supervises daily functioning. A team of 15 women supervised by an administrative staff regularly ensures the cleanliness and maintenance of the college. The roads, common places, faculty and class rooms, laboratories, research centers are cleaned daily and mopping is done periodically. Classrooms Classrooms are available with necessary infrastructure under the purview of the Administrator. In case

of any repair or technical complaints a standardized form is used for the immediate rectification and assistance that would be facilitated by the Instrument Maintenance Facility (IMF) technical team. During summer holidays and as per the requirement of each department regular refurbishment of desks, tables and chairs are looked into. Laboratories The laboratories at SHC house a large collection of sophisticated equipment's to carry out research. The Laboratories are equipped with fire management systems which include fire alarms, evacuation and control, first-aid kits, fire extinguishers, fume cupboards, exhaust ducts, goggles and safety masks are available to deal with various classification of fire in case of any emergency situations. Library The books in library are accessed, stamped and then shelved according to the Dewey decimal classification. Periodic Book binding is carried out to prevent the damage of books. A Library Advisory Committee exists for the optimum functioning and improvement of services. The recent trade mark of Sacred Heart College is its effective Biometric system that monitors the in and out movement of students, faculty and visitors. Sports Centre A dedicated team of two full time Physical Directors and an Assistant (marker) monitor and maintain the effective functioning of the sports wing. A state of the art Indoor Stadium was constructed in 2019 to give a face-lift to the sports wing. Sports equipment's are periodically refurbished and new equipment's are purchased accordingly. Cutting, cleaning and maintenance of various grounds are regularly taken care. First-aid kits are always available for any emergency. Computer Services A well trained IMF team exists for the regular maintenance of IT enabled services and computer aided facilities. The Director of the Computer Centre ensures the maintenance of computers and network facility of the institution. Generator facility The campus has two diesel generator with a capacity of 320 KV and other generator with a capacity of 250 KV. Canteen The Canteen Maintenance Committee headed by the Dean of Student Welfare takes care of quality and prices along with other related issues of the canteen. Water and Waste Management There are effective solid, liquid and waste management systems available in the institution. Water harvesting units and environment conservation panels are periodically checked. There are adequate dustbin facilities available throughout the campus with colour distinction for the segregation of bio-degradable and non-degradable waste.

<http://www.shcpt.edu>

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	Work scholarship	168	925011
Financial Support from Other Sources			
a) National	Government Scholarship	2976	24127567
b) International	Nil	Nil	Nil
View File			

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

Remedial coaching	03/09/2020	1128	Respective Departments Sacred Heart College(Autonomous) Tirupattur District.
Bridge Course	10/06/2019	1292	Communicative English - SHC
BEST Employability Training	06/01/2020	1222	Don Bosco Vazhikaatti
Typing Class	02/09/2019	23	Placement Cell - SHC
Redington Employability Training	10/10/2019	70	Redington CSR Foundation
Medical Coding Training	25/11/2019	35	Gyrus Infotech
Cloud Developer Training	13/08/2019	35	Cognultsoft Analytics
One to One Students discussion Programme	22/07/2019	956	Placement Cell - SHC
Career Guidance Workshop	08/07/2019	1071	Don Bosco Vazhikaatti
Personal Counselling and Mentoring	17/06/2019	450	Ms. LathaMunusamy Counselor ,SHC
View File			

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
2020	Nil	Nil	Nil	Nil	Nil
View File					

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

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

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of	Number of	Number of	Name of	Number of	Number of

organizations visited	students participated	stduents placed	organizations visited	students participated	stduents placed
Blue Ocean	20	2	Nil	Nil	Nil
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	1	B.Sc.Physics	B.Sc.Physics	Hindusthan college, Chennai	M.Sc Electronics
2019	1	B.Sc.Physics	B.Sc.Physics	Bharathiar University, Coimbatore	M.Sc Environment Studies
2019	2	B.Sc.Physics	B.Sc.Physics	Ramakrishana College, Coimbatore	M.Sc Physics
2019	1	B.Sc.Physics	B.Sc.Physics	Madras University, Chennai	M.Sc Nuclear Physics
2019	16	B.Sc.Physics	B.Sc.Physics	Sacred Heart College, Tirupattur	M.Sc Physics
2019	1	B.Sc.Physics	B.Sc.Physics	Loyola college, Chennai	M.Sc Physics
2019	1	BBA	BBA	Annamalai University, Chidambaram	B.Ed
2019	1	BBA	BBA	Panimalar Engineering College, Chennai	MBA
2019	7	BBA	BBA	Sacred Heart College (Autonomous), Tirupattur	MBA
2019	5	B.Sc. Biochemistry	B.Sc. Biochemistry	Sacred Heart College (Autonomous), Tirupattur	M.Sc. Biochemistry
View File					

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
-------	---

NET	1
View File	

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

Activity	Level	Number of Participants
Thiruvalluvar University Inter Division Cricket Tournament 1	Intercollege	72
Thiruvalluvar University Inter Division Volleyball Tournament 1	Intercollege	48
Thiruvalluvar University Inter Division Basketball Tournament 1	Intercollege	48
Thiruvalluvar University Inter Division Hockey Tournament 1	Intercollege	72
Thiruvalluvar University Inter college Volleyball Tournament 1	Intercollege	288
Thiruvalluvar University Intercollege Basketball Tournament 1	Intercollege	120
Thiruvalluvar University Intercollege Hockey Tournament 1	Intercollege	126
32nd Don Bosco Centenary State Level Volleyball Tournament 1	Intercollege	144
9thFr.Guezou State Level Basketball Tournament 1	Intercollege	72
View File		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Best Oral Prese ntation Award (II Prize)	Internat ional	Nil	1	BU181504	R. Nisha0
View File						

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

Each department nominates its representatives (men women) from the respective classes in the beginning of every academic year. The student secretary (one for

UG and another for PG) is also elected via the same. Presidents and Vice-Presidents are nominated with the consensus of the respective faculty members.

The Student Council (SC) consists of the Presidents, Vice-Presidents, Secretaries and representatives of all the programmes. The college holds an investiture ceremony in the first week of July of every academic year. The Vice Principal of Administration guides the SC and holds a minimum of four meetings in a semester with the Dean of Students Affairs. The foremost concern of the SC is to provide opportunities and to represent the grievances of the student community. These grievances are addressed immediately. The SC plays a key role in providing the management with suggestions in the organization of Sports Day, Cultural Fest, Community Day, Farewell Day and Annual Day. Significant cultural events are also planned for Pongal and International Women's Day Celebrations.

The SC brings about awareness on epidemic and contagious diseases amidst the neighboring communities. This SC is active in promoting educational values and decorum inside and outside the college. Creating Awareness among the local community via rallies which cater to National importance such as Swatch Bharat and the Right to Vote are some of the prime programmes by the SC. The council also plays a pivotal role in the promotion of healthy and hygienic campaigns in the campus. The SC is adequately represented in various forums which include the Board of Studies, IQAC, Library and Anti-Ragging Committees. The SC offers its suggestions for key changes and voice their opinions to the management to include more student-friendly practices. It is noteworthy to mention that in the last five years as part of the ISR, this council had visited the neighborhood of Tirupattur with a novel venture of contributing towards the upliftment of the community with funds and household articles generously sponsored by the faculty members, administrative staff and students. The collected funds/articles were distributed to the needy, the underprivileged and the nomads existing in the neighborhood. The SC conducts Condolence meetings and Obituary notes are sent as an act of respect to mourn the sad demises of faculty members, administrative staff and the students. The SC regularly organizes prayer meetings for the promotion of world peace. It plays an active role in organizing blood donation camps in which every year a minimum of 300 units of blood is donated to the Government Hospitals of Tirupattur and Vellore for the poorest of the poor to benefit.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Sacred Heart College Alumni Association is attached to the Don Bosco Past Pupils Federation which is a worldwide recognized organization. This organization dates back to the year 1980 and accords to various objectives in the establishment of a versatile alumni relationship. Establishment of Alumni Chapters There are two established alumni chapters located at Chennai and Bangalore in association with the Sacred Heart College Alumni Association. A total of 1047members are enrolled in these two chapters during the academic period 2013-`19. Periodic annual meetings are conducted to encourage faculty-alumni relationships. These meetings enable the alumni to gain insights into the current happenings in the college and voice their opinions towards steadfast upliftment of the college. Functioning of the Sacred Heart College Alumni Association In keeping with the rapid increase of graduating students and the edifice of a strong alumni network, the commencement of each year embarks with an Annual General Body Meeting in which various programmes are constituted. This endeavor is significant in catering to the development of the institution and the student community via both financial and non-financial programmes. Some of the programmes include: 1. Financial aids Every year the alumni association facilitates the underprivileged and meritorious poor students with financial assistance through scholarships. Study materials are

provided to them as an act of motivation to enrich their learning. Funds are allocated for the development of the institution. 2. College Curriculum Development Distinguished alumni in well-established service sectors and industries are included as part of the Members of Board of Studies. They play a versatile role in the revision of the curriculum and in keeping up with the latest innovations. Learned alumni serve as members in the AC and revise key concepts and novelties in teaching. They also volunteer to serve as resource persons in Conferences/Seminars/Workshops organized by the college. 3. Outreach Activities Training programmes are conducted in Government Schools and the surrounding neighborhood villages to prevent the rate of school dropouts and to sensitize the community on the importance of education. Distribution of clothes and other necessary materials are collected and distributed to the downtrodden as and when a need arises. The alumni association regularly joins hands with various social service organizations in helping the sick and the poor. They organize programmes which facilitates the promotion of environmental- friendly practices. Awareness Creation and the provision of socio-legal support to the downtrodden is evident in the outreach activities of the Sacred Heart College Alumni Association. 4. Felicitations Spiritual Retreats Due gratitude and felicitation has always been a part of the Alumni Association of Sacred Heart College. The retiring faculty and the staff members are regularly recognized and adorned for their resourceful and dedicated services.

5.4.2 – No. of registered Alumni:

67

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

63000

5.4.4 – Meetings/activities organized by Alumni Association :

Organized 7 Meetings on the following date 5.08.2019,5.09.2010
,5.10.2019,5.11.2019,5.12.2019,5.01.2020, and 19.01.2020

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)

- Need for governing strategies to monitor Academic and Non-Academic activities.
- Effective implementation of the academic and non-academic activities of the department. Plan
- Setting up of restructuring committee under the Convener ship of the Principal in the year 2019-2020.
- Principal conducts Heads of the Department (HOD) meeting to discuss the monthly plan of the academic and non-academic activities of the college. Solution
- To restructure the existing academic structure.
- In turn the HOD contacts the faculty meeting of the Department to plan the implementation of the academic and non-academic activities. Outcomes
- Administration of academic and non-academic matters is now streamlined.
- Effective implementation of academic and non-academic activities of the Department in harmony of the whole college plan.
- Department are given freedom to conduct its own academic and non-academic activities.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	<p>An academic audit is periodically conducted to review the existing syllabus. Based on the recommendations of the academic audit the restructuring committee screens, reviews and analyzes the curriculum of Sacred Heart College along with many top notch universities and colleges. After a series of discussions amendments are made and integrated into the new curriculum. The modified curriculum now focuses on the instillation of discipline-specific electives, self-study courses, certificate courses and interdepartmental electives. Credits and optional credits. The UGC model curriculum is adopted for setting core papers and the same is effectively carried out by various departments.</p>
Teaching and Learning	<p>The traditional classroom teaching is supplemented by regular tests, tutorials, group discussions, extensive lab work, projects, seminars, MOODLE (online learning platform) and industrial exposure. While teaching students and keeping pace with the evolving definitions and concepts, a sincere effort is also made to cover the latest developments in each subject area. The classroom environment is congenial and makes learning proactive and the students learn a sense of team spirit, responsibility and professional integrity. It helps in building a healthy student-faculty bond, which develops students to their fullest potential and harnesses the best in the teachers.</p>
Examination and Evaluation	<p>UG courses require 148 credits with an addition of six credits to its maximum. PG courses require 90 required credits with an addition of twelve credits to its maximum. The maximum marks for CA is 30 for UG and 40 for PG. The components of CA marks allotment are approved by the respective departments and by the Academic Council. The college has now adopted a uniform question paper pattern for all disciplines. MOODLE an online platform has been adopted by various departments for the application of online test, quiz and discussions forums. The same is considered for the application of CA.</p>

<p>Research and Development</p>	<p>Sacred Heart College ensures that all departments of the college have access to well-equipped computers and around the clock Wi-Fi facilities for improved teaching and learning. Laboratories are equipped with state-of-the-art instruments and adequate Infrastructural facilities to carry out innovative research. To uphold research, all departments are encouraged to offer projects at both the UG and PG level. The management has set aside seed money to encourage students and faculty to take up minor and major research projects. The college motivates its faculty members to attend research-oriented seminars/ workshops/ conferences, etc., by providing special duty leave.</p>
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>The college library facilitates research-Oriented books, journals e-journals for research reference. Every year new books and journals are added to keep with steady pace of development. Each department has adequate ICT and physical infrastructure. Versatile laboratorial instruments are procured every year. Online International Courses such as COURSERA and National Courses such as NPTEL and SWAYAM are offered to cater to the variety of interests of students and to enable interdepartmental mobility with extra credits. It is noteworthy to mention that many teaching faculty at our college have also enrolled and taken up a significant number of such online course.</p>
<p>Human Resource Management</p>	<p>Sacred Heart College has a separate HR wing that organizes various orientation and enrichment programmes for both faculty and staff for upgrading their skills in the latest technology. Salary, pay-scale and increments are given to staff members as per the college norms which leads to employee satisfaction. The management contributes an amount equal to the employee share for EPF with pension scheme. The college grants Medical, Casual, On Duty and Special Leave to its faculty and staff. It also provides Maternity Leave according to government norms. Biometric and CCTV facility is also used for effective human resource management.</p>

Industry Interaction / Collaboration	<p>At Sacred Heart College regular efforts are made to build and maintain excellent rapport with the Top Management of various Organizations and Industries and forge collaborative Industry, Academia alliances. This provides a unique and rare opportunity provided to students to learn the theoretical concepts practically.</p> <p>Industrial visits and summer internships to top industries are also some of the practices at SHC. The college is in process of initiating Memoranda of Understanding with major companies, where the component of learning that focuses on the application of theory in an authentic industrial context.</p>
Admission of Students	<p>The College is well-known for its academic excellence and has a good reputation among public for serving first-generation learners and the marginalized sections from nearby districts. The dates and course details for admission are displayed in the College Website, Prospectus and Notice boards. The counseling dates and call for certificate verification is communicated to the individuals through the website and to their personal mobile numbers via SMS. Displaying lists of selected students on the notice board ensures transparency of admission. No discrimination based race, religion, caste, gender, etc. into admission of educational and/or academic programs or activities.</p>

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

E-governance area	Details
Planning and Development	The module focuses on the College Handbook (Text and Mobile apps) and EPP which is made available on the college website.
Administration	All College Office Activities are digitalized.
Finance and Accounts	AcME ERP (Accounts Made Easy) is used to maintain all finance related transactions and documents
Student Admission and Support	The module covers various activities which include: Applying for Admission, Student Login (Attendance, CA Marks, Feedback, Leave Management, Exit Interview), Examination Fee Application Payments, Generation of Hall Tickets,

	Monitoring of their Academic Progress and End Semester Examination Results.
Examination	All Examination Related Activities are digitalized and records are kept in the office of the controller of examinations.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Rev. Dr. Praveen Peter	Evaluation Reforms in Higher Education	University Grants Commission Venue : University of Hyderabad, Gachibowli, Hyderabad	2193
2019	Dr. S. Sagayaraj	Evaluation Reforms in Higher Education	University Grants Commission Venue : University of Hyderabad, Gachibowli, Hyderabad	1272
2019	Mr. S. John Sundar	Rover Scout Leader Training Course in TONAKELA	Chennai Corporation Bharat Scouts Guides, District Head Quarters , Chennai	2000
2019	Rev. Dr. D. Maria Antonyraj	DBHEL Principals Workshop	Citadel, Kilpauk, Chennai	12000
2019	Dr. M. Jose	Research Integrity Awareness	University Grants Commission Venue : University of Hyderabad, Gachibowli, Hyderabad	8488
2019	Dr. Clayton Michael Fonceca	Educating Youth for Social Transformation: New Paradigms and Inspiring Praxis	Trichy	5500

2019	Dr. M. Vincent Sagayaraj	FDP-2020	Association of St. Christophers College of Education, Chennai	1000
2020	Dr. Theophil Anand	An ecofriendly approach to potable water remediation and livelihood conditions for rural women in and around Tirupattur town, Vellore District, Tamilnadu	New Delhi	11228
2019	Mr. V. Gopinath Mr. T. Joseph Vinoth Kumar	Industry - Institue Interaction Meet A Networking and Knowledge Sharing Event	NHRD Hosur Chapter Hotel Claresta, Hosur	5000
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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	Leadership Training (Staff Animation)	-	12/06/2019	13/06/2019	206	Nil
2019	Opportunities and Challenges in Revised Assessment and Accreditation Framework for HEIs	-	25/07/2019	26/07/2019	39	Nil
2019	Outcome Based Education	-	31/08/2019	31/08/2019	206	Nil
2019	Faculty	-			206	Nil

	Retreat		24/10/2019	25/10/2019		
2019	-	Staff Retreat	28/09/2019	29/09/2019	Nil	87
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Training of teachers for student induction programme	1	30/10/2019	31/10/2019	2
Faculty Development Programme for Youth faculty of Colleges and Universities	1	10/01/2020	14/01/2020	5
Refresher Course	1	10/06/2019	22/06/2019	13
Refresher Course	1	22/07/2019	03/08/2019	13
Refresher Course	1	20/09/2019	03/10/2019	13
Refresher Course	1	17/02/2020	29/02/2020	13
Refresher Course	1	17/02/2020	29/02/2020	13
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
206	206	87	87

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Yes	Yes	Yes

6.4 – Financial Management and Resource Mobilization

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

Internal Auditing The College conducts internal and external financial audits regularly. For any recurring and non-recurring expenses, the department concerned gets the approval from the Principal and submits the same in the Accounts Section. The Accounts section processes the approval and allots the required money. After the completion of the programme, the account is settled with proper bills, counter signed by the HoD and the Principal. The accounts are

maintained by the Accounts Section, guided and coordinated by the Administrator (Bursar) of the Management. All accounts maintained at SHC are online, this includes the maintenance of Receipts Payments, Cash Books. External Auditing Every year, the student tuition fees account, university fees account, special fees account are audited as per the government nomenclature and are reviewed by the Joint Directorate of Collegiate Education (JD), Vellore Region. Auditor of SHC Society audits both self-financed and aided accounts. The balance sheet pertaining to both aided and management is audited and its Income Tax (IT) Returns are filed every year. Once in five years the Accounts General (AG), Chennai, audits all the Government Accounts maintained by the College.

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
Tamil Nadu State Rural Livelihood Mission (TNSRLM)	31701193	Training
No file uploaded.		

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	Nil	Yes	Nil
Administrative	Yes	Nil	Yes	Nil

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

1. 29-06-2019 - Parents Meeting - UG III Years 2. 20-07-2019 - Parents Meeting - UG II Years 3. 17-08-2019 - Parents Meeting - UG I Years

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

Nil

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

1. A new scheme 'PARAMARSH' with its main objective is to enhance the overall quality of the Mentee institutions by Mentoring the Non-Accredited Higher Education Institutions to enable them to get accredited. • It includes willingness Certificates, MoU signed between our colleges and other colleges. The list of five mentee colleges are shown on below. ? Don Bosco College, Itanagar, Arunachal Pradesh. ? North East Institute of Social Science Research (NEISSR), Dimapur, Nagaland. ? Immaculate College for Women, Cuddalore ? Shanmuga Industries Arts and Science College, Tiruvannamalai. ? Sun Arts and Science College, Tiruvannamalai. 2. Value of the equipment purchased during the year (Rs. in Lakhs) 23,20,101/- compared to the previous year of 78,23,550/- 3. B.A., History course is introduced in the academic year 2019-20.
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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	No

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
2020	Paramarsh	17/02/2020	01/01/2020	31/12/2020	395
2019	Academic Administrative Audit(AAA)	18/10/2019	09/12/2019	24/03/2020	206
2019	Research Day Parameters	14/12/2019	02/12/2019	13/12/2019	206
2019	Teaching Learning and Evaluation Criterion Weightage	14/12/2019	02/12/2019	13/12/2019	206
2019	Examination Manual	17/06/2019	17/06/2019	31/05/2020	206

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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
ThadaiKarkalP adikarkalagum - Motivational Talk	11/07/2019	11/07/2019	667	Nil
Special Orientation for Girls (Science)	23/08/2019	23/08/2019	240	Nil
Women's Meet	07/09/2019	07/09/2019	1958	Nil
Problems of Adolescent Girls and their management	28/01/2020	28/01/2020	439	Nil
Awareness on Nutrition, Health &Hygiene	10/02/2020	10/02/2020	259	Nil
International Women's day	06/03/2020	06/03/2020	1958	Nil
Self Defense Training Programme for	15/03/2020	15/03/2020	1958	Nil

Girls				
Inter Department Tournament	02/12/2019	04/12/2019	380	880
Don Bosco Tournament	01/08/2019	03/08/2019	Nil	144
Cultural fest	29/11/2019	30/11/2019	2019	2672
Sport's Day	27/07/2019	27/07/2019	2019	2672

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
1757.3

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	17
Provision for lift	Yes	17
Ramp/Rails	Yes	17
Braille Software/facilities	Yes	17
Rest Rooms	Yes	17
Scribes for examination	Yes	17
Special skill development for differently abled students	Yes	17
Any other similar facility	Yes	17

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	3	2	28/08/2019	3	DEEDS	B Com (Shift I) The students of our department are committed to educate the rural people, primary	74

						school children and high school children on consumer exploitation, plastic usage, cleanliness and hygiene and so on. Overall, the outreach programme we	
2019	3	3	09/07/2019	3	DEEDS	Physics (shift-I) Science Exhibition Village survey on availability and usage of electricity/water Awareness Programme on Electricity Schemes available. Pulikuttai Village	52
2019	2	3	03/03/2020	3	DEEDS	English shift-I Introduction to English Language Usage of Language Rhymes Word Play, etc. Self-Introduction Basic Grammar Tongue Twisters	68

						Frame Simple Se ntencesRi ddles Short Stories Skit A.K. Mottur Village	
2019	2	3	19/08/2 019	3	DEEDS	Mathema tics shift-I V isitingth e houses in the village. Asked needs of the village people. P lantingpa lmseeds in the lakeside. Plantatmo st80 palm seeds. To teach moral values for the students To teach Mathemati cs from 6th to 9th standard students Condu	77
2019	3	3	13/08/2 019	3	DEEDS	Biochem istry shift-I Awareness about the Obesity, Junk food, Women emp owerment, Pollution and Mosquito spreading disease, Rain	53

						water harvesting and Medicine awareness (Government Higher Secondary School in kettandapatti).	
2019	2	3	30/07/2019	3	DEEDS	BBA -Awareness about usage of plastics, functions related to banking, health and hygiene, water management, games, maintaining clean environment (Govt.Hr. Sec school- Kasinaicke npatti)	77
2019	2	3	25/08/2019	3	DEEDS	CHEMISTRY S-I Survey about the village and there life style Discussion about the organic farming with the farmer Kakanampalaya	56
2019	3	3	08/01/2020	3	DEEDS	Computer Science S-I Awareness about the	55

						hardware and software, parts of computer, application software, system software, free, open source software and paid software Achamangalam Government High School	
2019	1	2	12/12/2019	3	DEEDS	Economics S-I Advantages and disadvantages of media Basics about computer Importance about education Awareness creation programmes by video Goodtouch Badtouch Importance about education About water scarcity (Koodapat tu)	77
2019	3	2	27/01/2020	3	DEEDS	Microbiology School students were given awareness of health and hygiene. The	53

villagers were enlightened with the importance and business prospective of mushroom farming. The villagers were educated with the importance of vermicomposting and water qu

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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
The Roles and Functions The roles and functions of all the office bearers of the College: from Secretary of the College to Non-teaching staff and the various Committees of the College.	17/06/2019	The Roles and Functions of all the office bearers of the College are explained to the office bearers, staff and students. The roles of the various committees are also explained and followed up in their regular activities.
The Code of Conduct for the teaching staff and the non-teaching staff has been prepared. The Code of Conduct for Students is published in the College Hand Book every year.	17/06/2019	The management council adheres to the code of conduct. It is read every year at the beginning of the academic year.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Sharing day in which the final year students went to different villages and shared with people and children food and useful materials.	16/12/2019	16/12/2019	2221

The second year students go for exposure camp for 3 days to different villages to know the problems of rural people and find technology to solve their	02/07/2019	08/01/2020	1219
Assembly talks by the secretary on the 5 core values of the College - Primacy of God - Honesty - Respect for all - Being Responsible - Pursuit of Excellence	17/06/2019	03/04/2020	4691
Regular Value Education classes for first year students (1st Sem) in which the following values are taught - Faith in God - Major Religions - Social Responsibility - Moral Values/Ethics - Pursuit of Happiness	17/06/2019	03/04/2020	1292
Personality Development classes for first years (2nd Sem.)	22/11/2019	03/04/2020	1292
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. The college conducts A No Drive Day where all the stakeholders are asked to avoid vehicles and commute to college via the public transportation.
2. The College observes a 'Black Out' for 45 minutes every Monday to conserve energy.
3. The campus of SHC has Green landscaping with a vast coverage of trees providing a pollution free atmosphere for staff and students.
4. The college has moved on to a digital platform and the office has started becoming paperless as majority of the communications are now routed through online.
5. There is an herbal gardens in the campus with various species of plants for medicinal use.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Title of the Practice: Communicative English Programme
2. Objectives of the Practice The following are the objectives of Communicative English Programme:
 1. To enable students to learn correct pronunciation, spelling, meaning and usage of English Vocabularies.
 2. To make students frame correct sentences with known vocabularies related to daily routines
 3. To give English language skill

practice in language skills to students to enhance their English proficiency.

4. To expose students to native speakers' spoken language to enable them to recognize native speakers' accent and language usage. 5. To simulate real life situations in the classroom to practice real English dialogues and speeches to gain fluency in English. 3. The Context SHC (Autonomous), Tirupattur is geographically located in Vellore District and it is an agricultural hub of Tamil Nadu. Needless to say that the students pursuing the studies at SHC, hail from many surrounding villages situated in and around the rural region of Tirupattur. It is against this background that the relevance and urgency of this best practice could be understood in its depth as majority of the students enrolled at SHC have done their schooling in Tamil medium, that too in government run schools, and hence their exposure to English is to a very minimum standard. 4. The Practice Facts Facts - Constrains and Limitations • In SHC majority of the students enrolled have done their schooling in a Tamil medium board of education and that too in government run schools and hence their exposure to English is to a minimum level. • Another interesting fact is that the parents of such students themselves are not exposed to English and thus the family situation does not help him/her in acquiring the necessary English fluency at home. • Most of the students enrolled in the college are from rural backgrounds and are not from co-educational schools. Hence, most of the students especially, the girls are tongue-tied in front of the boys.

Significance of English as a Language at the Indian Higher Education Standard • Acquiring English language as a skill needs continuous language practice, which in the present context of education is not provided. • Students who gain admission at SHC do have the basic potential for English language, which calls for appropriate ways of making students acquire English. • As almost all tertiary level studies are done in English medium, it is necessary to enhance

English language proficiency of the student's right at the start of the studies, which will help them to pursue their main subjects of specialization. Strategies Adopted to Overcome the Constraints and Limitations The first year students at the tertiary level of studies are streamed into three homogeneous groups. Two continuous hours are allocated for English Communicative Skill classes. All Departmental programmes are in English to create a continuous English language learning environment. The basic language skills of Listening, Speaking, Reading, and Writing (LSRW) are taught in isolation, emphasizing each skill at a time and the language assessment of learners are always done by a team of trainers. Another significant feature of this novel programme is that no term-end examination is conducted. A series of formative tests are conducted

at regular intervals to assess the progress made by the learners. The tests'scores are used to make a final evaluation of a learner. 5. Evidence of Success The random sampling technique was adopted and 50 of the total population was taken for the study. A tool was developed and the reliability of the instrument was found to be 0.907 Cronbachs Alpha. The study revealed that:

- Majority (65.4) of the respondents stated that they were able to improve their English vocabulary and have developed their skills in narration.
- More than half (56.8) of the respondents revealed that they have developed their extempore skills and have picked up the ability to comprehend audio and video presentations in English.
- Majority (63.7) of the respondents stated that they have improved their reading comprehension skill.
- And more than half (58.9) of the respondents stated that the programme on 'Communicative English' was effective to their overall development in their proficiency of the language.

6. Problems Encountered and Resources Required Bigger students' strength in classes, regular absenteeism, lack of interests in students and timings for the classes of Shift-I were some of the major problems encountered. Various resources have been incorporated which include adequate composition of students in each class based on their entry-level in the English language proficiency.

BEST PRACTICE - 2 1. Title of the Practice: Seeding Hope Services - SHC (Counselling Centre SHAPE) 2. Objectives of the Practice • To provide

Counselling to sustain Student Retention and Success. • To develop Innovative Programmes to Support the overall development of the students, which will improve their quality of life • To encourage Psychological Development through Outreach Programmes and Prevention. 3. The Context The students of SHC are from the rural areas, so the need for counselling and guidance is quite high. Many students have unhealthy parenting styles, alcoholic or abusive parents, disturbed study environment, dysfunctional family setup etc. Coming from such an environment, students need guidance in psychological and academic areas for which the counselling and mentoring services are beneficial. Students, who face age related/family/peer group issues, find it difficult to concentrate in academics such students with the guidance of mentor and counsellor will be able to cope better in academics and personal life. 4. The Practice The Seeding Hope Services at SHC consists of two services, namely CC (Counselling Center) and SHAPE (Sacred Heart Accompaniment Programme of Education). First year UG students under the SHAPE programme are placed under one mentor for personal

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

http://shcpt.edu/IOAC/files/Part_B_7.2.1_Best_Practices_2019_20.pdf

7.3 – Institutional Distinctiveness

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

RESEARCH DEVELOPMENT One of the previous NAAC recommendations suggested the college to foster research culture. Taking cue from this the college has initiated various activities. Departments offering research programmes and the faculty having major and minor projects are given facilities in this centre including working space, computers with internet facility 24x7 on all days. In addition to this, APRC houses Central Analytical Instrumentation and Instrument Fabrication Centres. The following five online journals have been started from January 2017 with complete online submission system: Journal of Computing and Intelligent Systems (ISSN: 2456-9496) Journal of Computational Mathematics (ISSN: 2456-8686) Journal of Functional Materials And Biomolecules (ISSN: 2456-9429) Journal of Social Sciences and Management Research (ISSN: 2456-9879) Journal of Tamil language and Literature (ISSN:2456-821X) Turnitin anti-plagiarism software (One of the World's best at the moment) was procured. Papers are accepted for publication in these journals only after they are screened for their originality and subsequent review by acknowledged experts in the related fields. Ours is the only Arts and Science College in Tamil Nadu to possess this software. The Salesian System of Education has a unique way of mentoring and providing opportunities for staff and students to hone their talents and skills. One such initiative is the Don Bosco Research Fellowship and the Sacred Heart College Fellowship. During the academic year 2018- 2019, 5 faculty members received a grant of Rs.1,73,200/-as part of the Don Bosco Research Fellowship Programme and 22 students received a grant of Rs.1,65,200/- as part of the Sacred Heart College Fellowship Programmes for the pursuit of research. During the academic year 2019- 2020, 11 faculty members received a grant of Rs. 3,61,400/- as part of the Don Bosco Research Fellowship Programme and 15 students received a grant of Rs. 1,17,000/- as part of the Sacred Heart College Fellowship Programmes for the pursuit of research. During 2019-2020 the faculty members of the college had published 276 papers in the national and international journals under, 48 books were written by the faculty. Sacred Heart College being one of the pioneers of imparting quality education has added another feather to its cap by strengthening its research cell and extending it vigorously in all dimensions. To mark this glorious achievement of dedicated research from staff and students, a maiden effort has been made to honour and show case to the world the research carried out by the college thus

making it a red-letter day in the history of the college. Sacred Heart College celebrated its first Research Day on 14th December 2019. On this day Rs. 9,86,000/- was given as cash awards to 74 faculty members, who have published their papers in SCI and UGC referred journals. Every department has Research Forum with the top five students having a strong desire for research from every class constituting it. They are encouraged to participate and present papers in conferences/seminars to gain more insights on research, thereby strengthening the institutional distinctiveness of the college on the whole.

Provide the weblink of the institution

<http://shctpt.edu/IOAC/files/Part B 7.3.1 Institutional Distinctiveness 2019 20 .pdf>

8.Future Plans of Actions for Next Academic Year

1. Annual Plan of the Faculty 2. Uploading and sending AQAR of 2018-19 3. Evaluation of the Departments- Odd semester 4. Faculty evaluation of students - Odd semester 5. Applying for NIRF 2020 6. Applying for India Today 2020 7. Applying for ASIHE 2020 8. Communication of Newsletter to Students and Alumni (four Times) 9. Faculty evaluation of students - Even semester 10. Evaluation of the Departments - Even semester 11. Publications by the faculty members Department wise 12. College Calendar in Mobile APP 13. Academic Performance Indicator for Faculty 14. Software for calculating points for Research Day 15. QP Scrutiny-Difficult level of the QP based on the Course Teacher's Perception 16. Orientation on New Education Policy 17. Orientation on Outcome Based Education 18. Activities of MOU's are to be documented - Department wise 19. Document Management System for the Departments documents 20. College Calendar in Mobile APP 21. Academic Performance Indicator for Faculty 22. Curriculum Feedback online