SELF STUDY REPORT

FOR

4th CYCLE OF ACCREDITATION

THIAGARAJAR COLLEGE

POST BOX NO. 107, 139 - 140, KAMARAJAR SALAI, TEPPAKULAM MADURAI
625009
www.tcarts.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

January 2020

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Thiagarajar College, founded on 7th July 1949, was formally inaugurated on 12th October 1949 by His Excellency, the King of Bhavnagar, the then Governor of the then Madras State.

The college is a private, aided and co-educational institution affiliated to Madurai Kamaraj University. Kalaithanthai Karumuttu Thiagarajan Chettiar Memorial Trust meticulously manages it. The motto of the college is "Love and Wisdom are Divine".

The college has crossed several milestones, since its inception, with the significant contributions of the founder, the great philanthropist KarumuttuThiagarajan Chettiar followed by the committed service and support of the members of his family, late Dr.Mrs.Radha Thiagarajan (First & Second Vice-Chancellor, Alagappa Unveristy), Mr.Karumuttu T. Kannan (The President), Dr.Mrs. Uma Kannan (The Vice-President) and Mr. K. Thiagarajan (The Secretary)

The college commenced with only three undergraduate programmes but now has grown in stature with 28 UG, 15 PG and 11 M.Phil and 10 Ph.D. programmes in addition to 72 add-on courses.

The college functions in two shifts, first shift is between 8.30 a.m.and 1.35 p.m, second shift between 2.00 p.m. and 6.45 p.m. In the current academic year, total number of students is 4627 and among them Boys are 2025, Girls are 2602.

DBT, New Delhi sanctioned Star College Scheme for the departments Botany, Zoology, Physics and Chemistry. during 2009 to 2013. DST FIST sponsored departments are Mathematics, Physics, Chemistry, Botany and Zoology during 2012-2017. The college is "A" graded by NAAC in its third cycle. The college got 44th rank in NIRF 2018 and has obtained 34th rank in NIRF 2019. The college is a mentee institution under PARAMARSH (UGC) programme.

The college has established a National Centre of Excellence facility funded by MHRD, New Delhi and has aUGC approved Women's Studies Centre.

The College is associated with Institutes like Nottingham Trent University, United Kingdom, National Taipei University, Taiwan, Birla Institute of Technology, Goa Campus for research. Under Unatt Bharat Abhiyan scheme, the college has adopted five villages and carrying out the extension activities in near by 32 villages.

Vision

To serve the society by providing affordable Quality Higher Education to all at all times

Mission

To provide a gender friendly academic ambience which ensures knowledge acquisition through student teacher

synergy resulting in character development and career readiness

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Providing affordable quality education
- Gender friendly academic ambience
- Transparency in admissions and appointments
- No capitation fee
- Character Building
- Campus Placements
- Periodical Updation / Revision of Curriculum
- Introduction of OBE
- Introduction of new programmes on need basis
- Sanctioned posts under permanent category are filled.
- Both teaching and non-teaching vacancies under SF stream are filled.
- Research publications in the refereed journals
- Prevalence of research culture
- Establishment of National Centre of Excellence on Statistical and Mathematical Modelling on Bioresource Management
- Alumni contribution by both financial and non-financial means
- 5S Certified Institute
- Ranked 44th in NIRF 2018
- Ranked 34th in NIRF 2019
- Mentor Institution under "PARAMARSH" programme by UGC
- Illustrious alumni

Institutional Weakness

- Fund generation through consultancy services is meagre
- Patents only at registration level
- Establishment of Incubation Centre and Start-ups

Institutional Opportunity

- Introducing new courses on environmental protection and recycling of waste
- Offering more programmes in Tamil music
- Providing teaching learning process through enhanced ICT techniques
- Offering hands-on training in sophisticated instruments
- Promoting research collaboration with the institutes of national and global importance
- Offering more add-on courses in matching with students level of learning and in yoga and meditation
- Strengthening the Industry-Academic partnership with higher numbers of MoUs
- Establishing incubation centres and start-ups
- Mastering the principles of SaivaSiddhantha

- Strengthening character building
- Placements with good median salary and career readiness
- Becoming a national institution based on the knowledge, experience and expertise gained through seven decades of academic excellence and over three decades of Autonomy

Institutional Challenge

- Bridging the gap between academic skills and employability skills.
- Placement of NCC cadets as officers in defense services
- Collaborating with industries
- Enrolment of students from other states and countries
- To meet out the huge increase in demand ratio for the programmes offered

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The Dean, Curriculum and Development,deals with all the activities related to curriculum design, development, updation and implementation. The curriculumdevelopment bodies are structuredas per the guidelines of UGC and TANSCHE. For each programme, there is a Board of Studies all the staff members of the Departments, University nominee, subject experts, alumni and student representatives with HoDas the chairman. The BoS designscurriculum and syllabi to educate students based on local, regional, national and global needs along with social, economical, cultural and environmental values. The curriculum facilitates students in promoting core competencies, global competencies and develops entrepreneurial skills. The curriculum also supports the students to foster innovative and creative knowledge. Curriculum incorporates processes to understand the need of the society and for the national development. CBCS pattern is being adopted to facilitate the students to choose their choice of study. All programmes have well defined COs, PSOs, POs and the same has been sensitized to the students. Each Board of Studies includes all stake holders and recommends the Curriculum Structure, Syllabi, Question Paper Pattern, and Grading Pattern. Subsequently, the same is in the Academic Council for its approval. The entire process is executed by the Office of the Dean, CD. In addition, IQAC receives feedback on curriculum through a well-structured feedback system from all the stakeholders. The curriculum is reviewed, redesigned, updated and enriched on the need basis periodically.

OBE has been introduced. 14 programmes, 616 new courses have been introduced and 72 add-on courses are offered. NPTEL online courses have been incorporated into the curriculum.

Teaching-learning and Evaluation

Online admission system has been implemented. The admission process is transparent in compliance with all the norms of the governing agencies and the same has been monitored by various committees consisting due representations.

The college is very keen on maintaining students-teacher and students-computer ratio. Staff members are encouraged to update their knowledge and improve their qualifications and quality by permitting and supporting them to attend FDPs and SDPs. Staff members are rewarded by the College Management for their

awards, achievements and recognition. Staff members are motivated to have collaboration at national and international level for academic enrichments. To provide quality education, all measures have been taken to ensure and sustenance of staff members' quality.

The college adopts entry level screening to understand students' learning level and their improvement in due course. The college provides learner-centered education by adopting various methods of learning viz. self-learning, demonstrative learning, participative learning, collaborative learning and creative learning to aim for innovation as an outcome. IQAC has facilitated periodical upgrading IT structure of the college and encouraged faculties to adopt innovative technology based methods. IT technology has been meticulously used by management, staff and students to be successful in teaching and learning processes.

Office of the CoE has been equipped with IT tools for administration and evaluation. This facilitates timely declaration of results and to evaluate students'fulfilment of COs, PSOs and POs.All safety and security measures have been taken in Grade Sheets. Grievance redressal mechanism addresses the students' issues immediately. Credits earned by the students through NPTEL courses are included in the consolidated marks statements of the students.

To evaluate the teaching learning process,IQAC of the college has been getting feedback and analysing and taking actions for its betterment from time to time.

100% teaching vacancies have been filled, ICT enabled teaching facilities have been provided at a cost of Rs.200 lac, IT infrastructure has been provided in the CoE process. Online examination for non major elective courses has been introduced.

Research, Innovations and Extension

To improve research activities,the Dean, Research and Development has been nominated who coordinates all the research related activities. Ten of the fourteen departments are recognized research centres. Facilities have been provided to staff and students to carryout research. The Management encourages the staff to involve in active research and to have collaborations with National and International Institutes. UG students and PG students are encouraged in research projects and to get financial assistance from funding agencies.

All forms of support and assistance are provided to staff to get research funding from National and International funding agencies. Separate research labs are provided to staff members having majorresearch projects. Staff members havingfunded research projects are highly recognized. The college has established a National Centre of Excellence facility for research, funded by the MHRD.

Seminars on IPR are being organised and programmes through Industry-academia innovative practices are conducted to motivate the students and staff to have a platform for transfer of their knowledge and skills for the benefit of the society and the country.

Staff members are awarded for their valuable research publications every year. Facilities like plagiarism check,Research data bases, software, onlinejournals, Delnet and Inflibnet are provided to the researchers.

Staff members are encouraged to involve in consultancy services as per the framed consultancy policy.

Faculty members receive grants from various funding agencies like UGC, DST, CSIR, DRDO, MoEF, MHRD,

TNSCST, DBT, MoES, etc. The college has been a member of UGC-NLIST programme since 2010. Inter-disciplinary research is another healthy activity of the campus where research guidance and publication take place involving departments of related fields.

The college has 10 recognized research centres. The number of research publications in Scopus / Web of Science / CARE listed journals is 1441 with citation index 8719, h index 40 and i10 index 288 . The total grants received by faculty members from Government agencies though major and minor research projects and other research related activities amounts Rs. 300 lakh. 4 international conferences have been organised. Extension activities have been carried out in 37 villages.

Infrastructure and Learning Resources

In the annual budget, funds have been allocated for maintenance of campus infrastructure and academic facilities. IQAC monitors campus maintenance and its status. In accordance with the increase in students' intake, physical infrastructure facilities such as additional class rooms, ladies rest room, a state-of-art auditorium with an academic annexure, second floor in the ladies hostel have been constructed. Ramp and special toiletry facilities have been provided for Divyagjan. The augmentation of physical infrastructure in the five year periods amounts a sum of Rs.195.64 lac.

Library has been upgraded by adding new books, periodicals, journals and digital library. MODERNLIB software has been updated to interconnect all the department libraries. Delnet, Inflibnet, Sothganga facilities have been added to the existing facilities. Special provisions have been made in the budget allocation for purchase of books.

Seven of the Departments are equipped with smart classroom facility. IT infrastructure like computers, internet bandwidth and other peripherals has been upgraded. Two computer centres with adequate facilities have been established. Thiagarajar College Online Admission System (TCOAS) and Academic Process Management System (TCAPMS) have been developed in a private cloud. Entire campus is under CCTV surveillance. Fibre optic cables have been erected for smooth internet connectivity. IQAC periodically has taken steps to update IT infrastructure. For money transaction, PFMS, RTGS facilities are operational. Anti-plagiarism software has been procured.

All campus infrastructure facilities areproperly maintained. Day-to-day campus maintenance is outsourced. Instruments, equipment, Computers, Air-conditioners, Electrical Motors, Lift are maintained by respective Annual Maintenance Contracts (AMCs). Fire Safety and lightening safety measures are taken and periodically monitored through AMCs.IQAC has framed disposable policy and 5S principles have been adopted to maintain 5S standards.

Solar panels and HT electrical facilities have been erected to meet out electricity requirement.

Student Support and Progression

To support all student related activities and monitor their progression,the Dean, Student Welfare and Co-Curricular Activities has been appointed. Students are facilitated with Career Guidance Cell, Counseling Cell, Placement Cell, Entrepreneurial Development Cell and Grievance Mechanisms tofulfill their requirements. Mentoring, Tutoring, Counseling   are given for both advanced and slow learners and IQAC has introduced

MTC record to monitor students' activities. Each department offers value added courses as add-on courses to make them self- supportive. Students are provided with financial support by Govt. scholarship, management scholarship and private scholarship. All the students and their parents are under group insurance cover.

As a follow-up action of the previous NAAC exit report, a separate full-time training and placement officer has been appointed. The Placement Cell offers four value added courses in order to facilitate final year students to get placed. The Placement Cell arranges pooled placement drive, on and off campus placement drives. The placement of students and progress of the students to higher educationhas a clear edge overto previous years.

Each class mentor and the placement cell monitor the career path and progression of the students. Training and Counseling are provided for students to make them ready for CAT/MAT/GMAT/TNSET/NET, etc. examinations and their achievements are recorded.

Students are encouraged to participate in cultural activities at Institutional, Intercollegiate and State Level Students actively participate in sports activities, Yoga and meditation and value-based programmes.

Alumni of our college support by both financial and non-financial means. Alumni have supported the college in having MoU with Corporate, Mobilizing Overseas Funding, conducting Industry-Academia Programmes, Organizing International Conferences, National Conferences and Special Lectures.

An average 30.81% of students has been placed and 30% of students have opted for higher education. 71.12% students have received Govt scholarships and 20.09% students have received private scholarship.

Governance, Leadership and Management

The institution has clear Vision and Mission Statements to achieve the Vision of the College. As per the guidelines of UGC, Tamilnadu State Govt. and Tamilnadu Private College Regulations Act, various committees and cells have been formed to plan and implement academic and administrative activities of the college in accordance with the Vision and Mission statements of the college. The college executes its strategies through both top-down and bottom-up approaches of its hierarchical administrative structure.

The college has defined policies like Research Policy, Consultancy Policy, Disposal Policy, etc., and drafted strategic plans for the overall development of the college. These policies are executed and deployed by the participative approach of the stake holders.

In order to maintain standards in the teaching learning process, faculty members are appointed in a transparent manner and quality is maintained by encouraging the faculty participation in FDPs and SDPs. Performance of both teaching and non-teaching isperiodically appraised through self-appraisal and feedback system. Feedback received is analyzedand actions are taken on them. CAS for teaching staff and increments for non-teaching staff are executed based on staff appraisal.

The college has adopted all possible measures to generate funds and its utilization in a transparent manner. Financial resources are genuinely utilized by involving Finance Committee for budget allocation. Internal, External and GST auditing are periodically done and filled to comply with the laws of the Govt.

The college was first accredited with Five Stars by National Assessment and Accreditation Council (NAAC) in 2001 and was re-accredited with 'A' Grade in 2007 and again re-accredited with 'A' Grade in the third cycle

in January 2013. The college is certified by ABK-AOTS DOSOKAI, (Alumni Association of ABK&AOTS, Japan, TN Centre) Chennai with the Certificate of Achievement of Best 5S Practices in Educational Institution for two years from 2017–2019.

IQAS has been evolved by the IQAC and the Quality Control. IQAC coordinates with all the units of the college to maintain quality standards in the college.

Institutional Values and Best Practices

The institute is a co-educational institute that frequently organizes gender equity programmes and the Women Studies Centre of the College has significantly contributed in promoting gender equity in the college. All measures have been taken for the prevalence of gender friendly academic ambience on campus.

The college adopts environment friendly practices by generating solar energy, rain water harvesting, waste recycling, liquid and solid waste management, plastic free campus and increase in usage of LED bulbs.

The college has organizedenvironment awareness programmes for students and public. Nature Club of the college leads in conducting activities in coordinating with other units.

Using the advantages of its surroundings,the institute organizes many programmes for the campus community, local community and sensitizes both the State and the Central Govt. programmes for their welfare. Understanding its local disadvantages, students are motivated and trained to solve and find remedial measures.

The values of the institute, the state and the country are sensitized among the students by celebrating national identities and festivals. The students are accustomed to adopt our fundamental rights and duties by participatory approach in organizing and conducting the programmes.

The institute is always striving to adopt new methods and practices in academic and administrative activities for the effectiveness. During the last five years it hasadopted many best practices like alumni engagement, adoption of 5S practices and principles, characterbuilding and career readiness, etc.

The college has received Swachh Ambassador award from the corporation of Madurai, Tamilnadu for the years 2019 & 2020.

The college has planned and framed strategies to fulfil its vision by providing affordable quality higher education to all through its stated mission at all times.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	THIAGARAJAR COLLEGE
Address	Post Box No. 107, 139 - 140, Kamarajar Salai, Teppakulam Madurai
City	MADURAI
State	Tamil Nadu
Pin	625009
Website	www.tcarts.in

Contacts for Communication					
Designation	**Name**	**Telephone with STD Code**	**Mobile**	**Fax**	**Email**
Principal	Pandiaraja D	0452-2311875	7708091177	0452-2312375	principaltcarts@gmail.com
IQAC / CIQA coordinator	Arun Nagendran N	0452-2311922	9443674585	0452-2486085	iqac@tcarts.in

Status of the Institution	
Institution Status	Private , Grant-in-aid and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Day Evening

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details	
Date of Establishment, Prior to the Grant of 'Autonomy'	07-07-1949

Date of grant of 'Autonomy' to the College by UGC	02-07-1987

University to which the college is affiliated

State	University name	Document
Tamil Nadu	Madurai Kamraj University	[View Document](#)

Details of UGC recognition

Under Section	Date	View Document
2f of UGC	15-12-2011	[View Document](#)
12B of UGC	15-12-2011	[View Document](#)

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
No contents				

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	Yes
If yes, name of the agency	National Institutional Ranking Frame
Date of recognition	08-04-2019

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Post Box No. 107, 139 - 140, Kamarajar Salai, Teppakulam Madurai	Urban	13.1	24945.63

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BA,Tamil	36	HSC	Tamil	60	50
UG	BA,Tamil	36	HSC	Tamil	60	41
UG	BA,English	36	HSC	English	60	56
UG	BA,English	36	HSC	English	60	60
UG	BA,Economics	36	HSC	English	60	37
UG	BA,Economics	36	HSC	Tamil	60	58
UG	BBA,Business Administration	36	HSC	English	64	64
UG	BBA,Business Administration	36	HSC	English	63	63
UG	BCom,Commerce	36	HSC	English	47	47
UG	BCom,Commerce	36	HSC	English	47	47
UG	BCom,Commerce	36	HSC	English	41	41
UG	BCom,Commerce	36	HSC	English	72	72
UG	BCom,Commerce	36	HSC	English	62	62
UG	BSc,Mathematics	36	HSC	English	60	60
UG	BSc,Mathematics	36	HSC	English	60	58
UG	BSc,Physics	36	HSC	English	41	41

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UG	BSc,Physics	36	HSC	English	44	44
UG	BSc,Chemistry	36	HSC	English	46	46
UG	BSc,Chemistry	36	HSC	English	40	35
UG	BSc,Botany	36	HSC	English	40	39
UG	BSc,Zoology	36	HSC	English	40	36
UG	BSc,Zoology	36	HSC	English	40	39
UG	BSc,Computer Science	36	HSC	English	43	43
UG	BSc,Computer Science	36	HSC	English	43	43
UG	BSc,Computer Science	36	HSC	English	42	42
UG	BSc,Computer Applications And Information Technology	36	HSC	English	46	46
UG	BCA,Computer Applications And Information Technology	36	HSC	English	49	49
UG	BSc,Biotechnology	36	HSC	English	40	40
UG	BSc,Psychology	36	HSC	English	43	43
PG	MA,Tamil	24	BA	Tamil	36	17
PG	MA,English	24	BA	English	43	43
PG	MA,Economics	24	BA	English	36	15
PG	MA,Business Administration	24	BBA	English	36	23

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PG	MCom,Commerce	24	BCOM	English	25	24
PG	MSc,Mathematics	24	BSC	English	43	43
PG	MSc,Mathematics	24	BSC	English	38	38
PG	MSc,Physics	24	BSC	English	28	28
PG	MSc,Chemistry	24	BSC	English	27	27
PG	MSc,Chemistry	24	BSC	English	27	27
PG	MSc,Botany	24	BSC	English	25	22
PG	MSc,Zoology	24	BSC	English	25	22
PG	MSc,Zoology	24	BSC	English	25	20
PG	MSc,Computer Science	24	BSC	English	36	32
PG	MSc,Biotechnology	24	BSC	English	14	14
Doctoral (Ph.D)	PhD or DPhil,Tamil	36	PG	Tamil	2	2
Doctoral (Ph.D)	PhD or DPhil,English	36	PG	English	1	0
Doctoral (Ph.D)	PhD or DPhil,Economics	36	PG	English	3	3
Doctoral (Ph.D)	PhD or DPhil,Commerce	36	PG	English	1	0
Doctoral (Ph.D)	PhD or DPhil,Mathematics	36	PG	English	1	0
Doctoral (Ph.D)	PhD or DPhil,Physics	36	PG	English	1	1
Doctoral	PhD or DPhi	36	PG	English	6	6

(Ph.D)	l,Chemistry					
Doctoral (Ph.D)	PhD or DPhil,Botany	36	PG	English	3	3
Doctoral (Ph.D)	PhD or DPhil,Zoology	36	PG	English	1	1
Doctoral (Ph.D)	PhD or DPhil,National Centre Of Excellence Mhrd	36	PG	English	1	0
Pre Doctoral (M.Phil)	MPhil,Tamil	12	MA	Tamil	7	7
Pre Doctoral (M.Phil)	MPhil,English	12	MA	English	6	6
Pre Doctoral (M.Phil)	MPhil,Economics	12	MA	English	1	0
Pre Doctoral (M.Phil)	MPhil,Business Administration	12	PG	English	2	2
Pre Doctoral (M.Phil)	MPhil,Commerce	12	PG	English	2	2
Pre Doctoral (M.Phil)	MPhil,Mathematics	12	MSC	English	6	6
Pre Doctoral (M.Phil)	MPhil,Physics	12	MSC	English	4	4
Pre Doctoral (M.Phil)	MPhil,Chemistry	12	MSC	English	1	0
Pre Doctoral (M.Phil)	MPhil,Botany	12	MSC	English	1	1
Pre Doctoral (M.Phil)	MPhil,Zoology	12	MSC	English	1	1
Pre Doctoral (M.Phil)	MPhil,Computer Science	12	MSC	English	1	0

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0				32				81
Recruited	0	0	0	0	21	11	0	32	37	40	0	77
Yet to Recruit				0				0				4
Sanctioned by the Management/Society or Other Authorized Bodies				0				0				103
Recruited	0	0	0	0	0	0	0	0	40	63	0	103
Yet to Recruit				0				0				0

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				61
Recruited	16	3	0	19
Yet to Recruit				42
Sanctioned by the Management/Society or Other Authorized Bodies				77
Recruited	46	31	0	77
Yet to Recruit				0

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Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				2
Recruited	2	0	0	2
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	20	8	0	31	34	0	93
M.Phil.	0	0	0	1	3	0	6	5	0	15
PG	0	0	0	0	0	0	0	1	0	1

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Temporary Teachers									
Highest Qualification	Professor			Associate Professor			Assistant Professor		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	14	13	0	27
M.Phil.	0	0	0	0	0	0	20	39	0	59
PG	0	0	0	0	0	0	6	11	0	17

Part Time Teachers									
Highest Qualification	Professor			Associate Professor			Assistant Professor		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
	2	1	0	3

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
Pre Doctoral (M.Phil)	Male	4	0	0	0	4
	Female	25	0	0	0	25
	Others	0	0	0	0	0
Certificate / Awareness	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0
Diploma	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	6	0	0	0	6
	Female	10	0	0	0	10
	Others	0	0	0	0	0
PG	Male	88	0	0	0	88
	Female	304	3	0	0	307
	Others	0	0	0	0	0
UG	Male	630	1	0	0	631
	Female	730	0	0	0	730
	Others	0	0	0	0	0

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Provide the Following Details of Students admitted to the College During the last four Academic Years					
Programme		**Year 1**	**Year 2**	**Year 3**	**Year 4**
SC	Male	108	141	110	106
	Female	94	120	107	96
	Others	0	0	0	0
ST	Male	0	1	10	2
	Female	0	0	0	2
	Others	0	0	0	0
OBC	Male	530	644	602	653
	Female	621	903	919	893
	Others	0	0	0	0
General	Male	32	36	20	13
	Female	64	19	7	20
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		1449	1864	1775	1785

2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

Department Name	Upload Report
Biotechnology	[View Document](#)
Botany	[View Document](#)
Business Administration	[View Document](#)
Chemistry	[View Document](#)
Commerce	[View Document](#)
Computer Applications And Information Technology	[View Document](#)
Computer Science	[View Document](#)
Economics	[View Document](#)
English	[View Document](#)
Mathematics	[View Document](#)
National Centre Of Excellence Mhrd	[View Document](#)
Physics	[View Document](#)
Psychology	[View Document](#)
Tamil	[View Document](#)
Zoology	[View Document](#)

Extended Profile

1 Program

1.1

Number of programs offered year-wise for last five years

2018-19	2017-18	2016-17	2015-16	2014-15
64	62	59	57	50

File Description	Document
Institutional Data in Prescribed Format	View Document

2 Students

2.1

Number of students year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
4627	4522	4362	4053	3625

File Description	Document
Institutional Data in Prescribed Format	View Document

2.2

Number of outgoing / final year students year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
1283	1162	1002	903	905

File Description	Document
Institutional Data in Prescribed Format	View Document

2.3

Number of students appeared in the examination conducted by the Institution, year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
4409	4331	4082	3855	3465

File Description	Document
Institutional Data in Prescribed Format	[View Document]()

2.4

Number of revaluation applications year-wise during the last 5 years

2018-19	2017-18	2016-17	2015-16	2014-15
388	464	427	448	478

3 Teachers

3.1

Number of courses in all programs year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
597	508	382	496	373

File Description	Document
Institutional Data in Prescribed Format	[View Document]()

3.2

Number of full time teachers year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
212	203	186	176	167

File Description	Document
Institutional Data in Prescribed Format	[View Document]()

3.3

Number of sanctioned posts year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
212	203	186	176	167

File Description	Document
Institutional Data in Prescribed Format	[View Document]

4 Institution

4.1

Number of eligible applications received for admissions to all the programs year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
19895	19355	18155	15089	14084

File Description	Document
Institutional Data in Prescribed Format	[View Document]

4.2

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
956	963	935	978	834

File Description	Document
Institutional Data in Prescribed Format	[View Document]

4.3

Total number of classrooms and seminar halls

Response: 79

4.4

Total number of computers in the campus for academic purpose

Response: 956

4.5

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Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
687.33	586.77	657.12	282.57	190.70

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4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curriculum Design and Development

1.1.1 Curricula developed /adopted have relevance to the local/ national / regional/global developmental needs with learning objectives including program outcomes, program specific outcomes and course outcomes of all the program offered by the Institution

Response:

Revision, Updation and Inclusion

Since 2003, CBCS pattern is being adopted and the curriculum is being updated catering to the growing demands of regional, national and global developments considering the guidelines of UGC and TANSCHE.

All staff members in each department have been involved in framing the syllabus. The programme structures and course contents are discussed in a series of meetings held in the departments to strengthen the syllabus. Feedback on curriculum received from various stakeholders were analyzed in the respective departments and viable suggestions were given due consideration while framing the syllabus.

In revised syllabi of the existing programmes and syllabi for newly introduced programmes incorporates chapters, which have local, national and global relevance as indicated below and to specify a few,

1. Local Relevance: KaniniTamil (Tamil), Agricultural Economics (Economics), Processing of consumer products (Chemistry), Rural and Entrepreneurial Biotechnology (Biotechnology) and Gender Studies (Psychology)
2. Regional Relevance: Temple Arts (Tamil), Quantitative Aptitude (Mathematics), Herbal Medicine (Botany), Big Data Analytics (Computer Science) and Digital Image Processing (IT)
3. National Relevance: Hindi, as one of the options under Part I(Tamil), Indian Aesthetics (English), GST, Income Tax Law and Practice (Commerce), Marketing Management, (Business Admn.), Non-Conventional Energy (Physics), Forensic Chemistry (Chemistry), Bio-energy (Microbiology) Applied Entomology (Zoology), Web Designing with PHP, Software Engineering (Computer Science) and Military History and National Integration (NCC)
4. Global Relevance: French, as one of the options under Part I, Interreligious Literature (Tamil), Corporate Governance and Business Ethics (Commerce), Globalization and India (Economics), Computer Simulations (Physics), Bioethics, IPR, (Botany, Zoology), Python, Cloud Computing and Artificial intelligence (Computer Science, IT)

Thus, the meticulously framed syllabi were placed in BoS meeting, for consolidation and then placed in the Academic Council meetings for approval.

In the 33rd Academic Council (30.05.2014), curriculum was revised by incorporating multidisciplinary and job oriented courses as per the recommendations of previous NAAC exit report.

Syllabi for three new programmes (B.Com (P.A.), B.Sc., Psychology and M.Phil (Management) and 76

new courses for the above programmes were approved in the 34th AC meeting (31.07.2015). Value Education and Social Service League were introduced as new Part V programmes.

The 35th AC meeting (04.08.2016) approved the introduction of Activity Based Assessment for Part V programmes and revisions in the curriculum. Revision in the curriculum of all programmes was made and approved in the 36th AC meeting (14.06.2017). New programmes B.Com (C.A) and B.Sc., Physics (SF), 41 new courses and Gender Studies offered by Women Studies Centre (WSC) under Part V were approved by 37th AC meeting (15.06.2018).

Outcome Based Education

The 38th AC meeting (14.06.2019) approved the revision of entire structure of the curriculum for the implementation of Outcome Based Education (OBE) and the curriculum for B.Com (Honours) with 40 new courses. In relevance to the local, national, regional and global developmental needs the structure and curricula were reworked for achieving Programme Educational Outcomes (PEOs),Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) and matching of these outcomes in all programmes offered.

File Description	Document
Any additional information	[View Document](#)

1.1.2 Percentage of programs where syllabus revision was carried out during the last five years

Response: 100

1.1.2.1 How many programs were revised out of total number of programs offered during the last five years

Response: 64

1.1.2.2 Number of all programs offered by the institution during the last five years

Response: 64

File Description	Document
Minutes of relevant Academic Council/BOS meeting	[View Document](#)
Details of program syllabus revision in last 5 years	[View Document](#)
Any additional information	[View Document](#)

1.1.3 Average percentage of courses having focus on Employability/ Entrepreneurship/ Skill development during the last five years

Response: 100

1.1.3.1 Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
597	508	382	496	373

File Description	Document
Program/ Curriculum/ Syllabus of the courses	[View Document](#)
MoU's with relevant organizations for these courses, if any	[View Document](#)
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	[View Document](#)
Average percentage of courses having focus on employability/ entrepreneurship	[View Document](#)

1.2 Academic Flexibility

1.2.1 Percentage of new Courses introduced out of the total number of courses across all Programs offered during last five years

Response: 26.15

1.2.1.1 How many new courses are introduced within the last five years

Response: 616

1.2.1.2 Number of courses offered by the institution across all programs during the last five years

Response: 2356

File Description	Document
Minutes of relevant Academic Council/BOS meetings	[View Document](#)
Institutional data in prescribed format	[View Document](#)

1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented

Response: 100

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1.2.2.1 Number of programmes in which CBCS/ Elective course system implemented.
Response: 64

File Description	Document
Minutes of relevant Academic Council/BOS meetings	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

1.3 Curriculum Enrichment

1.3.1 Institution integrates cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum

Response:

The conscious development of curriculum in tune with the vision and mission of the college integrates all cross cutting issues

Gender Issues

The curriculum developed by the Departments of Tamil, English, Zoology and Psychology offer courses which addresses women empowerment through writings and studies, gender equity, psychological perspectives, knowledge on male and female reproductive system, causes for male and female infertility and artificial fertilization techniques. Women Studies Centre of the college offers Gender Studies course under Part V programme.

Environment and Sustainability

Environmental issues, its conservation and sustainable development have now become a serious concern. To disseminate the knowledge on these issues, the college offers a paper on Environmental Studies to all Undergraduate students. In-depth studies on select topics are given as specific courses such as Environomics, Agricultural Economics, Ecology and Biodiversity and Agricultural Chemistry. Courses such as Environmental Biotechnology and Bioremediation throw light on pollution abatement and courses viz., Gardening, Environmental microbiology, Biofertilzers and Organic Farming focus on sustainable development. The National Centre of Excellence documents bioresources and develops models for its management.

Human Values

The institution believes in the concept, Knowledge without Character is a sin, proposed by The Mahatma and the educational system followed aims at character building. To attain this, three mandatory value education courses (in I, III, V semesters) have been incorporated in the curriculum of all UG programmes. In addition, there are courses on Yoga and Meditation, Life Skills, Industrial Relations, Family Therapy

and Social Psychology, which emphasize human values.

Professional Ethics

After the completion of the programmes, students, in addition to knowledge acquisition through student - teacher synergy, are equipped with career readiness through courses on Professional Ethics, Principles of Management, Total Quality Management, Corporate Governance and Business Ethics Legislations, Biosafety, Bioethics and IPR.

Value Added Courses

In all programmes, value added courses are included as Skill Based Papers. Besides, the curriculum of Certificate and Diploma Programmes conducted by each department includes value added courses. Students are encouraged to choose these courses as per their interest and inclination.

Development of Creative and Divergent Competencies

Creative and divergent competencies are attained through On the job training internships and field projects, which are a part of the curriculum. The curriculum provides scope for registering online courses that empowers students with innovative competencies.

In addition to academic enrichment, introduction of activity-based assessment of various Part V programmes (NCC Army, NCC Navy, NSS, YRC, Physical Education, Rotract Club, Value Education, Nature Club, Library,Women's Study Centre and Quality Circle)which include event management, participation in cultural programmes, observation of National and International days of importance, promote ample scope integrating all the above said domains that manifest the holistic development of the students.

File Description	Document
Any additional information	[View Document](#)

1.3.2 Number of value-added courses imparting transferable and life skills offered during the last five years

Response: 32

1.3.2.1 Number of value-added courses are added within the last five years

Response: 32

File Description	Document
List of value added courses	View Document
Brochure or any other document relating to value added courses	View Document
Any additional information	View Document

1.3.3 Average percentage of students enrolled in the courses under 1.3.2 above

Response: 17.43

1.3.3.1 Number of students enrolled in value-added courses imparting transferable and life skills offered year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
797	839	686	706	660

File Description	Document
Any additional information	View Document

1.3.4 Percentage of students undertaking field projects / internships

Response: 5.38

1.3.4.1 Number of students undertaking field projects or internships

Response: 249

File Description	Document
List of programs and number of students undertaking field projects / internships	View Document

1.4 Feedback System

1.4.1 Structured feedback received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni 5) Parents for design and review of syllabus Semester wise /year-wise

Response: A. Any 4 of above

File Description	Document
Any additional information	[View Document](#)
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	[View Document](#)
URL for stakeholder feedback report	[View Document](#)

1.4.2 Feedback processes of the institution may be classified as follows:

Response: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
Any additional information	[View Document](#)
URL for feedback report	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years

Response: 0.09

2.1.1.1 Number of students from other states and countries year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
4	2	5	5	3

File Description	Document
List of students (other states and countries)	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

2.1.2 Demand Ratio(Average of last five years)

Response: 75:8

2.1.2.1 Number of seats available year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
1956	1918	1857	1938	1557

File Description	Document
Demand Ratio (Average of Last five years)	View Document
Any additional information	View Document

2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Response: 95.33

2.1.3.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
868	904	904	965	806

File Description	Document
Average percentage of seats filled against seats reserved	[View Document](#)
Any additional information	[View Document](#)

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners

Response:

Students are admitted strictly adhering to the guidelines and reservation policy of the Government of Tamil Nadu. Hence each class has a heterogeneous group of students. Teachers adopt strategies to ensure effective teaching-learning process after assessing the learning level of the students.

Bridge courses are conducted for Part II English and major subjects. Tests are conducted in core subjects and languages to assess the knowledge of the students at entry level. During the regular classes, based on teacher-student interactions, the teachers observe students' qualitative skills, knowledge level, understanding skills, problem solving skills, abstract & analytical thinking skills and attitude towards team work. Teachers by observation and follow up in the class and based on internal test marks classify the students into slow learners and advanced learners. Conceptual comprehension helps the teachers delineate their learning levels. To scale up the learning levels the following strategies are adopted.

Programmes for Slow Learners

Motivating them through mentoring, counseling by the mentors, students academic peers, alumni and experts. Tutoring them through remedial classes by the course teachers and clearing their doubts beyond regular class hours. Students are inspired and advised to refer to further reference materials for better understanding. Training them by giving simple assignmentsand problems. Peer group learning is provided for interactive learning. Parents are mentored to facilitate their wards in PTA meetings. To increase the learning level, teachers practise enhanced ICT enabled teaching. Students are engaged with hands-on training and encouraged to participate in club activities, department level competitions and dramas. Their mandatory participation in Part V programmes like yoga and meditation enhances their concentration and understanding skills. To match their learning levels programs are organized to develop employable skills, soft skills and aptitude skills.

Programmes for Advanced Learners

In order to fulfill the expectations and requirements of advanced learners, they are encouraged to

participate and present papers in the State Level Students Seminars, Special Lectures and Workshops in the college and in intercollegiate forums. Club activities and Department level association activities provide a platform for them to channelize their potential. Advanced learners in PG programmes are encouraged and guided forpaper presentation, Poster Presentation, Projects from Tamil Nadu State Council for Science and Technology and assistance to do research in national institutes for their targeted accomplishments. Students are encouraged to deliver lectures in Research Oriented Lecture Series (ROLS).

Special program for Slow /Advanced learners

Under CBCS, more number of elective courses have been introduced and 72 add-on courses are offered to choose as per the choice of the students to facilitate them to have higher order learning level.

To enable the students to widen their knowledge level during the first semester all students are sensitized about NPTEL online courses by a Single Point of Contact (SPOC) of the college. The staff coordinators of the online courses mentor the students to choose the courses on line with their learning levels.

Winter schools are organized by NCoE (MHRD) to improve students' learning levels pertaining to their interest.

File Description	Document
link for additional information	[View Document](#)

2.2.2 Student - Full time teacher ratio

Response: 371:17

File Description	Document
Any additional information	[View Document](#)

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Response: 0.95

2.2.3.1 Number of differently abled students on rolls

Response: 44

File Description	Document
List of students(differently abled)	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any other document submitted by the Institution to a Government agency giving this information	[View Document](#)

2.3 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Response:

The teaching learning process has evolved with a number of phenomenal changes owing to the impact of technological developments on education. Our teaching methodologies have become more student-centric rather than teacher-centric, to turn learning into a pleasure and no more a pressure. Every student has his or her own learning practice based on their preference, level of observation, comprehension, and retention. In our college, the conventional chalk and talk method of teaching is supplemented with information and communication technology (ICT) tools.

Experimental Learning

By doing experiments on and off the fields, students clearly understand the scientific facts and the corresponding underlying process. Experimental learning inculcates self motivation, validation and verification of facts and stimulates innovation. 30%to 40% lab courses offered in each science programme fulfills the respective COs, PSOs and POs. Experimental learning methods help the students exhibit the acquired knowledge in their internships and further studies. The National Centre of Excellence organizes summer and winter schools and provides specific techniques focusing experimental learning. The college adopts the following methods for experimental learning:

- Practical Courses
- Hands on Training
- Field Work
- Winter Schools
- Special Programmes on Lab Techniques

Participative Learning

State Level Students' seminars (SSS) are organized by all the departments under UGC autonomy grant. The college has been organizing SSS since 2007. Every year, participation of students in SSS significantly increases. The topics of these seminars are chosen in tune with the curriculum to facilitate students' participation.

In collaboration with other academic institutions, students get an opportunity to gain professional values, knowledge, skills and civic responsibilities which in turn groom them to serve the community. Hence the college adopts the following participative teaching methods:

- Group Projects
- Group Assignments
- Industrial Visits
- Internship
- Field Visit
- Special lectures, Seminars and Workshops

- International Conferences
- Research Oriented Lecture Series (ROLS)

Experiential learning

The teachers adopt various teaching methods like performing arts, staging a drama, role play and quiz for the students. These activities based on hands-on approach, reach beyond the classroom and strive to improve the learning of the students.

Problem Solving

Problem solving which involves memory, knowledge, application, top down approach and bottom up approach, facilitates students to learn the concept in a deeper sense. Students are given assignments based on problem solving. In each semester, the students have to submit two assignments which are given 10% weightage in the continuous internal assessment mark. Students are motivated to involve in:

- Mini Projects
- Major Projects
- Debugging
- Club Activities

Creative Learning

The college promotes learning by inculcating creative skills among the students. Theme based programmes like drama (both in Tamil and English), verse writing, drawings, Ad-act and Photography trigger the inner talents of the students. Biannual Newsletter (in regional language), annual magazine provides the scope for exploring the imaginative and creative skills. In addition to these, club and association activities also instill creativity.

File Description	Document
Any additional information	[View Document](#)

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

Response: 85.85

2.3.2.1 Number of teachers using ICT

Response: 182

File Description	Document
List of teachers (using ICT for teaching)	[View Document](#)
Any additional information	[View Document](#)
Provide link for webpage describing the " LMS/ Academic management system"	[View Document](#)

2.3.3 Ratio of students to mentor for academic and stress related issues

Response: 22:1

2.3.3.1 Number of mentors

Response: 212

File Description	Document
Any additional information	[View Document](#)

2.3.4 Preparation and adherence to Academic Calendar and Teaching plans by the institution

Response:

A committee is constituted every year to design the Academic Calendar of the college. The committee interacts with the office of the COE, Heads of the Departments, Part V programme officers, College Administrative office, Placement Officer, College General Time-Table Committee and wardens of both Boys and Girls hostel to prepare a rough draft. The draft is fine tuned by the committee and the Academic Calendars are distributed to the staff and the students at the time of reopening of the college.

Provisions are given to fill the student's personal data, time table and participation in the Part V activities.

The college follows Day Order System and works for 96 days per semester and 192 days per academic year. The Academic calendar contains important dates and events of the college, dates regarding payment of tuition fee, examination fee, internal tests, summative practical / theory examinations, result declaration dates, dates for anti ragging committee meetings and Internal compliance committee meeting. It also contains other important relevant information such as:

- Details of the College Management
- Details of the Teaching and Non teaching staff
- Rules and regulations for the students
- Anti ragging help line details
- Malpractice punishments
- Programme details
- List of courses under Part V module of the curriculum
- Details of supportive departments
- Space to fill students' personal data

* Help line numbers

All the academic activities of the college are strictly adhered to the academic calendar. Teachers accordingly plan their teaching. Teachers are instructed to cover the 40% of all courses before the date of the First Internal test, the next 40% before the Second Internal and the remaining 20% before the practical examinations. Pre planned dates for the Anti Ragging Committee and Internal Compliance Committee meetings help the external members to confirm their participation. All the teachers and the students follow to the academic calendar. It helps the teachers and the students plan their activities without disturbing the teaching hours.

Teaching plans for all the courses are designed by the respective course teachers. The plan for each course contains content delivery, mode of teaching, duration for the completion of the content with reference to the academic calendar. The academic calendar serves as a guide for both the teachers and the students.

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 100

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document
List of the faculty members authenticated by the Head of HEI	View Document

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

Response: 60.72

2.4.2.1 Number of full time teachers with Ph.D. year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
140	117	109	105	103

File Description	Document
List of number of full time teachers with PhD and number of full time teachers for 5 years	View Document
Any additional information	View Document

2.4.3 Teaching experience per full time teacher in number of years

Response: 10.53

2.4.3.1 Total experience of full-time teachers

Response: 2232

File Description	Document
Any additional information	[View Document](#)

2.4.4 Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

Response: 5.3

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
1	4	1	2	2

File Description	Document
Institutional data in prescribed format	[View Document](#)
e-copies of award letters (scanned or soft copy)	[View Document](#)
Any additional information	[View Document](#)

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

Response: 0

2.4.5.1 Number of full time teachers from other states year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

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File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	[View Document](#)

2.5 Evaluation Process and Reforms

2.5.1 Average number of days from the date of last semester-end/ year- end examination till the declaration of results during the last five years

Response: 10

2.5.1.1 Number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
10	14	8	8	10

File Description	Document
List of programs and date of last semester and date of declaration of result	[View Document](#)
Any additional information	[View Document](#)

2.5.2 Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years

Response: 5.47

2.5.2.1 Number of complaints/grievances about evaluation year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
388	464	427	448	478

File Description	Document
Any additional information	[View Document](#)

2.5.3 Average percentage of applications for revaluation leading to change in marks during the last five years

Response: 31.4

2.5.3.1 Number of applications for revaluation leading to change in marks year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
107	133	90	149	222

File Description	Document
Any additional information	[View Document](#)

2.5.4 Positive impact of reforms on the examination procedures and processes including IT integration and continuous internal assessment on the examination management system

Response:

Question banks have been developed for the courses offered under Part IV programmes such as Non Major Electives (NME), Skill based electives, Value Education and Environmental Studies since 2014 – 2015) This facilitated teacher's assessment of UG students' performance in end semester examinations. It also improves the examination process in getting question paper and speedy evaluation of answer scripts. The private candidates (completed the programme period but having arrears) can download the examination application and apply. They need not come to college in person. This is helpful for the candidates especially outstation candidates and those who are employed.

Practical courses have been introduced under NME since 2015- 2016, which enhanced experimental learning. We had double valuation for revaluation for PG and M.Phil courses. It has been reduced to a single valuationsince 2015-2016, thereby restricting repeated valuation. Examination flying squad was formed to monitor examination malpractices to sensitize students to avoid indulgence in malpractice.

New regulations proposed by UGC for M.Phil programmes have been implemented. This has elevated the standard of the programmes and quality of the dissertation. Soft skill course, introduced in the fifth semester of all UG programmes, as self-study paper has a significant impact on student's placement. Introduction of activity based assessment of Part V programmes enhanced active participation of students and involvement of more students in extension activities(2016 – 17).

From 2018, for candidates who have completed online NPTEL courses, additional credits have been awarded and the same is being included in the consolidated marks statements. This enhances the employability of the students. Further provisions have been made for online registration and payment of fee for semester examinations. This system eases the students, reduces the printing of registration forms and issue to students by CoE's office and submission of filled in application along with fee receipt by the students within the prescribed time by the students. Repeat examinations have been introduced for all even semesters to all UG and PG programmes. This gives chance for the students to rewrite and clear the arrears at the earliest.

Online examination system has been developed and online tests have been introduced in 2019 for all NME courses. This system facilitated the students to acquaint with online test system.

In 2019, special programmes were organized for teachers to enrich the knowledge on OBE. This facilitated the teachers to develop OBE based curriculum

Complete COE's office automation has been developed by the students with the guidance of the faculty using VB as front end and MS access as back end.

PHP software has been introduced to replace FoxPro in generating intimation letters for parents regarding PTA meetings along with the marks obtained by the students.

The Consolidated Mark Sheets of the outgoing students are digitalized and deposited in National Academic Depository (NAD).

Thiagarajar College Academic Process Management System (TCAPMS) has been developed to evaluate the fulfillment of COs POs and MoU has been signed with HIPRO Software Solutions, Chennai on 25.01.2019.

File Description	Document
Any additional information	View Document

2.5.5 Status of automation of Examination division along with approved Examination Manual

Response: A. 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Document
Current manual of examination automation system and Annual reports of examination including the present status of automation	View Document
Current Manual of examination automation system	View Document
Any additional information	View Document
Annual reports of examination including the present status of automation	View Document

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 on website and communicated to teachers and students

Response:

The institution intends to introduce outcome-based education as per the guidelines of UGC and TANSCHE. The Programme Outcomes (POs) and Programme Specific Outcomes (PSOs) are based on select components of GraduateAttributes.

Programme Outcomes (POs) describe the end skills of which students ought to know during graduation. Programme Specific Outcomes (PSOs) are consistent with the mission of the institution and the departments concerned. The Course Outcomes (COs) give an idea of the course and the possible learning at the end of the course.

The outcomes are defined in such a way that the students graduated from Thiagarajar College will attain the following skills such as abstract thinking, critical evaluation, adaptability, decision making, effective communication, competency, upholding tradition, heritage and ethics, efficient in team and individual work, spirit of nationalism and societal responsibility.

This practice enhances learner-centric-teaching to mould the students to fit into any groove and sustain lifelong efficiency. The Principal and the Deans attended Workshop on Outcome Based Education. A sereis of programmes and discussions have been organized for the faculty members. Following these, department level staff meetings were held to localize and frame the curriculum relevant to POs, PSOs and COs. The curriculum design has been systematically exercised in all the departments and the draft syllabus has been prepared.

On the completion of the defining outcomes and framing the syllabus for all the programmes, the same was discussed in the respective Board of Studies, which consist of University nominees and external experts. The syllabus finalized in the BoS was placed in the Academic Council for discussion and approval. Upon its approval, the department wise syllabus has been posted on the college website.

The college website hosts the entire curriculum of all the programmes with POs, PSOs and COs. In addition, the blue print of assessment, various components of formative assessment viz., written test, assignment, quiz, etc., details of evaluation pattern have been uploaded on the college website.

As all teachers are involved in preparing the OBE, they are well aware of the proposed outcomes. The freshers are briefed about the outcomes during the orientation programme at the beginning of the academic year and the course teachers are assigned responsibility to detail in the class prior to the commencement of teaching the syllabus.

A hard copy of complete syllabus with all essential components is availablein the website and with the concerned Heads of the Departments. In addition, complete syllabi of all programmes offered by the college are available with the Office of the Dean, Curriculum Development and Office of Controller of Examinations.

To give importance of online courses, notice boards have been displayed in the college at various places mentioning "To know the learning path visit". Every semester, Director of Online Courses (Single Point of Contact) contacts department wise meetings to disseminate the outcomes of various NPTEL courses in relevance with their programme outcomes.

POs, PSOs are displayed on the departments' notice board and with COs are sent to the students email-ids for their reference.

File Description	Document
Any additional information	[View Document](#)

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Response:

Marks Distribution

The marking scheme for theory courses comprises of 25 for Continuous Internal Assessment (CIA) and 75 marks for Summative Examinations (SE) for both UG and PG programmes and for M.Phil. 100 for CIA and 100 for SE. The CA mark is divided as 15 for written test and 10 for assignment for UG programmes, 15 for written test, 5 for assignment and 5 for seminar for PG programmes. For practical courses 40 for CIA, 60 SE and for skill based electives and non major electives 15 marks for CIA and 35 marks for SE. The CIA marks are awarded based on observation records, performance in each practical class and model tests.

Attainment of COs and POs

Marks awarded for assignments, observation records, seminar, average of two CIA's and Summative Exams are direct evidences for the achieving of COs and POs. Programme and Course wise pass percentage and result statistics are presented by the CoE, in front of the Awards Committee for their approval before the publication of results. The comments and the suggestions given by the members is submitted to the Chiarman and Secretary of the College Governing Council for further scope for improvement.

A copy of consolidated results statistics and marks obtained by the candidates in both formative and summative assessments is provided to the departments concerned by the CoE's Office for analyzing the attainment of COs and POs.

The marks scored by the students are recorded in the Mentor Tutorial Counselling (MTC) Record.

The percentage of marks (separately for Part I,II,III,IV and V), grade and CGPA is given in the consolidated marks statement issued to the candidates. This mark statement serves as a document for the overall attainment of COs and POs of the individual candidate. Topper in each programme is awarded a gold medal. Feedbacks are obtained from the students during the course of study and at the exit level which prove the achieving of COs and POs.

Attainment of PSOs, PEOs

In addition to fulfilment of COs, the performance of the students in on campus / off campus interviews and

subsequent placements and feedback from industries / organizations where the students undergo internship / projects give details of the achieving of PSOs.

PEOs are evaluated from alumni and employee feedbacks, students pursuing higher education and students progression.

The syllabus and the relevant COs, POs and PSOs are designed based on Bloom's Taxonomy. To map among COs–POs/PSOs (POs–Gradutae attributes)–PEOs – Mission/Vision and their attainment, a software module has been developed. These attainment measurements are used to further improve the academic process.

File Description	Document
Any additional information	[View Document](#)

2.6.3 Average pass percentage of Students

Response: 90.29

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 1283

2.6.3.2 Total number of final year students who appeared for the examination conducted by the institution

Response: 1421

File Description	Document
List of programs and number of students passed and appeared in the final year examination	[View Document](#)
Any additional information	[View Document](#)
Link for annual report	[View Document](#)

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.31

Criterion 3 - Research, Innovations and Extension

3.1 Promotion of Research and Facilities

3.1.1 The institution has a well defined policy for promotion of research and the same is uploaded on the institutional website

Response: Yes

File Description	Document
URL of Policy document on promotion of research uploaded on website	[View Document](#)

3.1.2 The institution provides seed money to its teachers for research (average per year)

Response: 2.06

3.1.2.1 The amount of seed money provided by institution to its faculty year-wise during the last five years(INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
2.88	3.58	2	1.19	.65

File Description	Document
Minutes of the relevant bodies of the Institution	[View Document](#)
List of teachers receiving grant and details of grant received	[View Document](#)
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	[View Document](#)

3.1.3 Number of teachers awarded international fellowship for advanced studies/ research during the last five years

Response: 6

3.1.3.1 The number of teachers awarded international fellowship for advanced studies / research year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
4	0	1	1	0

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File Description	Document
List of teachers and their international fellowship details	[View Document](#)
e-copies of the award letters of the teachers.	[View Document](#)

3.1.4 Institution has the following facilities

1. **Central Instrumentation Centre**
2. **Animal House/Green House / Museum**
3. **Central Fabrication facility**
4. **Media laboratory/Business Lab/Studios**
5. **Research / Statistical Databases**

Response: A. Any four facilities exist

File Description	Document
Institutional data in prescribed format	[View Document](#)

3.2 Resource Mobilization for Research

3.2.1 Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments,Chairs in the institution during the last five years (INR in Lakhs)

Response: 304.5

3.2.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years(INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
18.17	47.59	33.58	138.51	66.65

File Description	Document
List of project and grant details	[View Document](#)
e-copies of the grant award letters for research projects sponsored by non-government	[View Document](#)

3.2.2 Number of research centres recognised by University and National/ International Bodies

Response: 10

3.2.2.1 **Number of research centres recognised by University and National/ International Bodies**

Response: 10

File Description	Document
Names of research centres	[View Document](#)
Any additional information	[View Document](#)

3.2.3 Percentage of teachers recognised as research guides

Response: 31.6

3.2.3.1 **Number of teachers recognised as research guides**

Response: 67

3.2.3.2 Number of full time teachers worked in the institution during the last 5 years

Response: 212

File Description	Document
Details of teachers recognized as research guide	[View Document](#)
Any additional information	[View Document](#)

3.2.4 Number of research projects per teacher funded, by government and non-government agencies, during the last five year

Response: 0.99

3.2.4.1 Number of research projects funded by government and non-government agencies during the last five years

Response: 42

File Description	Document
Supporting document from Funding Agency	[View Document](#)

3.3 Innovation Ecosystem

3.3.1 Institution has created an eco system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

Response:

The College provides an ecosystem for knowledge creation and its transfer. The college has local issues like managing solid and liquid waste. To address the local issues, the research department of Botany offers hands-on training ensuring imparting of knowledge, acquired through original research findings and experience in the bio-composting and biological methods of wastewater treatment, using the facilities available in the college.

I: Composting Solid waste

The college has the practice of composting of plant debris, paper and cardboard wastes, collected from the college premises and deposited in the composting yard to produce vermicompost using appropriate vermicomposting technology.

Vermicompost is an enriched form of compost, prepared using specific varieties of earthworms to consume the organic compost for the collection of casting released by the earthworms, after digesting the consumed compost. The digested earthworm cast rich nutrients, growth promoting substances, beneficial soil micro flora with properties of inhibiting pathogenic microbes. Vermicompost is stable, fine granular organic manure that improves soil quality, the physiochemical and biological properties. It is highly useful in raising seedlings and for crop production. Vermicompost is black in colour and granular in nature. Hence, earthworm casts are rightly called by another name - *Black Gold*. Students are trained in this technology and the produced vermicompost is packed for sale.

II: Recycling of domestic effluent by bio-augmentation method

The college has also initiated the practice of recycling of domestic effluent, collected from the kitchens of hostels, dining halls and bathrooms at a rate of 15,000 litres per day on daily basis collected in the College's Sewage Treatment Plant (STP).

Commercially available culture of microorganisms, comprising of 80 different microbial species are used in the recycling of domestic effluent of grey water collected at the college STP plant. Effective Microorganisms (EM) are applied after fermenting the commercial culture as the extended form, using jaggery solution for the nutrient source and sodium aluminium silicate with the trade name of zeolite as the base to effect the microbial population growth. These fermented form of bokashi balls are applied to the plant at the primary treatment stage. Monitoring and water quality analysis revealed that microbial treatment considerably reduced the BOD rate as the applied microbial culture has the ability to survive and functions both at the aerobic and anaerobic conditions. Total soluble solids (TDS), and alkalinity also have a profound beneficial effect on the treatment process. The microbes antagonized Escherichia coli bacteria population which is known from the reduced population of colic bacteria, following treatment using EM. Unlike adding chlorine in the detoxification process usually done in the conventional methods, effective microorganisms application is a kind of bioremediation process and its use becomes ecofriendly in nature and the water treatment has maximum sustainable benefits over the chemical process of treatment. Further, applying the EM treated water for the safe land-filling and irrigation improves plant growth and crop productivity.

This work has been published as a research article and efforts are being taken to incubate this process.

File Description	Document
Any additional information	

3.3.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry - Academia Innovative practices during the last five years

Response: 23

3.3.2.1 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
11	3	3	3	3

File Description	Document
Report of the event	
List of workshops/seminars during the last 5 years	

3.3.3 Number of awards for innovation won by institution/ teachers/ research scholars/students during the last five years

Response: 2

3.3.3.1 Total number of awards for innovation won by institution/teachers/research scholars/students year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
2	0	0	0	0

File Description	Document
List of innovation and award details	
e- copies of award letters	

3.3.4 Number of start-ups incubated on campus during the last five years

Response: 0

3.3.4.1 Total number of start-ups incubated on campus year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description	Document
List of startups details like name of startup, nature, year of commencement etc	[View Document]

3.4 Research Publications and Awards

3.4.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research

Response: Yes

File Description	Document
Institutional data in prescribed format	[View Document]
Any additional information	[View Document]

3.4.2 The institution provides incentives to teachers who receive state, national and international recognition/awards

Response: Yes

File Description	Document
e- copies of the letters of awards	[View Document]

3.4.3 Number of Patents published/awarded during the last five years

Response: 0

3.4.3.1 Total number of Patents published/awarded year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description	Document
List of patents and year it was awarded	[View Document]

3.4.4 Number of Ph.D.s awarded per teacher during the last five years

Response: 2.22

3.4.4.1 How many Ph.Ds are registered within last 5 years

Response: 149

3.4.4.2 Total number of teachers recognised as guides during the last 5 years

Response: 67

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	[View Document](#)
URL to the research page on HEI web site	[View Document](#)

3.4.5 Number of research papers per teacher in the Journals notified on UGC website during the last five years

Response: 2.47

3.4.5.1 Number of research papers in the Journals notified on UGC website during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
89	123	84	74	97

File Description	Document
List of research papers by title, author, department, name and year of publication	[View Document](#)

3.4.6 Number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings per teacher during the last five years

Response: 5.14

3.4.6.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
171	239	161	184	215

File Description	Document
List books and chapters in edited volumes / books published	
Any additional information	

3.4.7 Bibliometrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed

Response: 8.05

File Description	Document
BiblioMetrics of the publications during the last five years	

3.4.8 Bibliometrics of the publications during the last five years based on Scopus/ Web of Science - h-index of the Institution

Response: 26

File Description	Document
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	
Any additional information	

3.5 Consultancy

3.5.1 Institution has a policy on consultancy including revenue sharing between the institution and the individual

Response: Yes

File Description	Document
URL of the consultancy policy document	

3.5.2 Revenue generated from consultancy during the last five years

Response: 1.89

3.5.2.1 Total amount generated from consultancy year-wise during the last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
0.82	0.31	0.68	0	0.08

File Description	Document
List of consultants and revenue generated by them	View Document
Audited statements of accounts indicating the revenue generated through consultancy	View Document

3.5.3 Revenue generated from corporate training by the institution during the last five years

Response: 0

3.5.3.1 Total amount generated from corporate training by the institution year-wise during the last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description	Document
List of teacher consultants and revenue generated by them	View Document
Audited statements of account indicating the revenue generated through training	View Document

3.6 Extension Activities

3.6.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

Response:

Each department of the college organizes extension activities for the local community and in the nearby villages in order to facilitate the students to understand and apply their academic knowledge, identify the scope for the application of their academic knowledge, identify the needs of the local community and the villages and find out scientific solutions for the issues, utilize their skills and be committed to the development of local community and rural people, understand our culture and tradition exemplified in rural areas and to fulfill the basic and immediate requirements of local community on priority basis.

NCC Army, NCC Navy, NSS (5 units), Youth Red Cross Society (YRC), Red Ribbon Club, Rotaract Club, Social Service League, Nature Club, Quality Circle, Department of Physical Education of the college organize extension activities for the local community and the rural population. During the last five years, extension activities have been organised in 37 villages, on various themes. Students have been sensitized to various social issues such as Open Defecation, Gender Discrimination, Communal Harmony, Drug Addiction, Women Empowerment, Child Labour, Womens' Issues. Marital Issues and Skill Development. More over, students have organized awareness programmes on Swatchh Bharat, Digital India, Rain Water Harvesting, Dengue Prevention, Hazards of Plastics, Eye Camp, Tree Plantation, Non-Violence and Fundamental Rights. Students are motivated to help the society during emergency situations with distribution of flood relief materials and donation to help the people affected by GAJA cyclone.

The college has been registered under Unnat Bharat Abiyan Scheme. Five villages have been chosen, one for each of our NSS units. Students of each NSS unit visit the village and collect data from each household in the village. This approach sensitizes the students about the infrastructure in the villages, living standards, types of families, the needs of rural people, their educational standards, basic requirements , culture and tradition, gap between rural and urban sectors and their financial status.

Women's Studies Centre of the college has organized extension activities to empower rural women.

The NSS Units of the college have organized many 7 day camp in the nearby villages, Silaiman, Veppadappu, Poonchuthi, Veppadappu colony, Poonchuthi colony and Mellakkal. During the camps the students stayed in the villages and lived with the villagers and performed social and service oriented activities. The activities gave them a rich experience about rural livelihood and boosted their self esteem.

Outcome benefit of the Extension activities:

- Swatchh activities at the villages
- Awareness Rallies to sensitize Govt. Schemes
- Extending helping hands to the needy people
- 37 villages have been benefited

Channelizing the students to become socially committed, responsible citizens of the country and to help them find scientific solutions for some of the rural problems and pave way for a positive change in their attitude for their holistic development.

File Description	Document
link for additional information	[View Document](#)

3.6.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

Response: 18

3.6.2.1 Total number of awards and recognition received for extension activities from Government /recognised bodies year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
5	5	5	3	0

File Description	Document
Number of awards for extension activities in last 5 years	[View Document](#)
e-copy of the award letters	[View Document](#)

3.6.3 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the last five years

Response: 175

3.6.3.1 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
52	45	23	30	25

File Description	Document
Reports of the event organized	[View Document](#)
Number of extension and outreach programs conducted with industry,community etc for the last five years	[View Document](#)

3.6.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

Response: 78.01

3.6.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

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2018-19	2017-18	2016-17	2015-16	2014-15
4537	3844	2232	3704	2335

File Description	Document
Report of the event	View Document
Average percentage of students participating in extension activities with Government or NGO etc	View Document

3.7 Collaboration

3.7.1 Number of Collaborative activities for research, faculty exchange, student exchange per year

Response: 43.2

3.7.1.1 Total number of Collaborative activities for research, faculty exchange, student exchange year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
40	36	50	65	25

File Description	Document
Number of Collaborative activities for research, faculty etc	View Document
Copies of collaboration	View Document

3.7.2 Number of linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the last five years

Response: 69

3.7.2.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
27	12	11	7	12

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File Description	Document
e-copies of linkage related Document	
Details of linkages with institutions/industries for internship	

3.7.3 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 15

3.7.3.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years (only functional MoUs with ongoing activities to be considered)

2018-19	2017-18	2016-17	2015-16	2014-15
5	5	1	1	3

File Description	Document
e-copies of the MoUs with institution/ industry/ corporate house	
Details of functional MoUs with institutions of national, international importance,other universities etc during the last five years	

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Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc

Response:

Library:

The Library is fully automated and expensive with 1,06,237 books and has internet connectivity. It has a membership in INFLIBNET and DELNET for accessing e-resources such as e-ShodhSindhu, Shodhganga, E-books, E-journals. Besides, it subscribes for currently popular journals, magazines and news papers.

Classrooms & Auditorium:

Each department has spacious classrooms with high ceilings. There are 76 classrooms and 7 departments are equipped with Smart Classroom facility. Every block, in the college, has facilities for Divyangjan.

The auditoriums are three in number, viz., TholkappiarArangam with a seating capacity of 1000, the Air Conditioned Diamond Jubliee Hall with 250 seats and the Air Conditioned RadhaThiagarajan Auditorium with 500 seats. These auditoriums are used for conducting National and International Conferences and Seminars and Ph.D. Vivo-Voce.

Laboratories and Instruments:

Adequately equipped, capacious UG and PG laboratories are attached to all science departments.

Instruments necessary to carry out laboratory exercises are installed in all the science departments. Equipment procured under DST-FIST and STAR College schemes strengthen the instrumentation facilities.

Instruments acquired by the principal investigators pertaining to their research under Major and Minor research projects and instrument mounted in the Common Instrumentation Centre are also available for the use of students and scholars.

National Centre of Excellence:

The NCoE established under MHRD grant has a well-equipped laboratory for promoting multidisciplinary research and is also used for teaching Instrumentation Courses.

Major instruments procured during the last five years:

- Atomic Absorption Spectrophotometer
- High Pressure Liquid Chromatography
- UV Spectrophotometer

- Fermentor
- PCR and Gel Doc system
- Lyophilizer
- Deep Freezer (- 20)

Computers, peripherals &Wifi connectivity

Three computer laboratories with 515 computers with necessary peripherals and 100 mbps bandwidth connectivity are available.

Software:

In addition to Microsoft Campus agreement, the following mathematical software and database are available:

- Mathematica Software with Perpetual License
- Matlab Software
- Lingo, Systat
- Language Lab Software

Tamil Music Centre:

The Tamil Music Centre promotes Tamil traditional music by offering Diploma and Certificate courses in Vocal, Miruthangam, Veena and Bharatham.

Business Lab:

The Business Lab in the Department of Commerce has facilities for processing applications of PAN card for students and E-filing of Income Tax Returns for the staff.

Museum and Herbarium:

The Zoological Museum is an archive of invertebrate and vertebrate specimens. The skeleton of elephant, alligator, variety of snakes, mollusks, birds, embryological specimens including human embryo, and horns of deers are worth mentioning and are utilized for teaching. Similarly, herbarium and other specimens such as algae in the department of Botany are useful for teaching taxonomy.

Other Centres:

Women's Studies Centre, IGNOU Study Centre and Placement Cell are accommodated in well-furnished rooms.

File Description	Document
Link for Additional Information	[View Document](#)

4.1.2 The institution has adequate facilities for sports, games (indoor, outdoor),gymnasium, yoga centre etc., and cultural activities

Response:

The Department of Physical Education is headed by the Director of Physical Education and assisted by an Assistant Director of Physical Education, an Assistant Director of Physical Education (woman) and a Ground Marker.

The department is equipped with the following sport fields for Indoor and Outdoor games:

Indoor Sports / games

- Table Tennis
- Weight lifting & Power lifting
- Carrom
- Chess
- Chess Software

Outdoor Sports / games

- Foot ball sevens   - 80m X 50m
- Ball badminton   - 24m X 12m
- Basket Ball   - 32m X 15m
- Volley Ball   - 18m X 09m
- Hand Ball   - 40m X 20m
- Cricket nets   - 42m X 12m
- Kabaddi   (Men)   - 13m X 10m
- Kabaddi (Women)   - 12m X 08m
- Kho – Kho - 29m X 16m
- Badminton(Men)   - 13.40m X 6.10m
- Badminton(Women)   - 13.40m X 6.10m
- 200m Track (Non standard)

Gymnasium

The Gymnasium is furnished with Swiss ball, medicine ball, multi functional bench, adjustable sit up bench, pectoral rear deltoid press, lat pull down, seated chess press, adjustable sit up bench, stadiometer, twister, tumbles, weight plate set, wall bar, weight machine, power lifting belt, AB wheel, fitness training band, adjustable elastic band, battle rope and hoops.

Meditation and Yoga Centre

The meditation and yoga centre has the following:

- Hall for Meditation and Yoga
- Yoga Mats

Cultural Activities

- Silambam
- Band Set
- Sound Track System
- Speakers
- Make up room

Special facilities for differently abled persons

- Wheel Chairs
- Medicine ball
- Shot Put
- Resident Band
- Cricket Ball for Visually Impaired
- Chess boards for Visually Impaired

Fine Arts Club and Cultural Activities

The Fine Arts Club is one of the vibrant bodies of the college and provides a fine platform for the students to explore their potential cultural activities and polish themselves with the culture and values. The students are given opportunities to participate and win prizes in contests like Elocution Contest, Drawing Competition, Essay Competition, Mime, Dance, Folklore, Quiz, Martial Art (Silambam) organized by inter collegiate bodies across the state. The Department of English hosts a drama club by name "The Stage Sculptors" and has staged three plays in the past five years. The plays provided infotainment to a large inter-collegiate audience. The club also maintains a stock of costumes and stage properties.

NCC (Army & Navy)

Both NCC Army and Naval wings are equipped with dummy rifles for training in arms drill. They also possess keyboards, drums and other minor musical instruments for practicing ceremonial drill. Arrangements are made to maintain boats in the college to train the NCC Naval cadets in boat pulling.

File Description	Document
link for additional information	View Document

4.1.3 Percentage of classrooms and seminar halls with ICT - enabled facilities such as smart class, LMS, etc

Response: 100

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 79

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	[View Document](#)
Any additional information	[View Document](#)

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

Response: 47.98

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year-wise during the last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
410.59	338.33	420.93	109.96	37.29

File Description	Document
Audited utilization statements	[View Document](#)

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS)

Response:

The Library is automated with Modern Lib software and all the department libraries are interconnected. Issuing of books at the departments is also monitored from the General Library.

Name of the ILMS software: MODERNLIB

Nature of automation   :   FULLY

Version   : 2

Year of Automation   : 31.01.2012

Year of updation   : 07.09.2018

The college library has a membership in INFLIBNET since 2012 – 2013 and DELNET since 2018 – 2019 to facilitate the students and the staff to access e-resources.

File Description	Document
link for additional information	[View Document](#)

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resource for library enrichment

Response:

Rare Books:

Books out of publication, books published in 1800s, not available in the market now, books of authors who passed away long ago, books of specific authors in specific publications unavailable now, have been earmarked as rare books.

The Library of Thiagarajar College has an archive of 3101 rare books in all disciplines. The stock of rare books in Tamil literature lures research scholars from all over the nation. Most of the rare books are more than a century old, yet are maintained in a good condition. They are a store house of rare information about our nation and the world at large. Our Founder, being a voracious reader, nurtured his love for books by spending a fortune in collecting books from all the countries he had visited.

Manuscripts:

The archive section of Thiagarajar College Library has a rare collection of 10 bundles of manuscripts inscribed in Classical Tamil. The manuscripts are primary sources of ancient Tamil literature like Vivekha Chinthamani, Baghavadha Puranam, Mahabharatham, Madhana Mandala Peru Leelai Yutham, Kambaramayanam, Astrology, Treatise on Prathyutsan, Treatise on Nanmuga Soroopanadhan etc. Research scholars in Tamil find these manuscripts a treasure-trove of knowledge.

Special Reports:

The library houses a good collection of 107 special reports drawn during the formative years of independent India. The long time practice of subscribing to Government offices has helped the college preserve such reports. The report, Government Printing was procured for Rs.6/- in1948. Report of the Fiscal Commission (1949), First Report of the National Committee (1951), Report of the Indian Statutory Commission published by His Majesty's Stationary Office, Report of the Secondary Education Commission (1952) are some fine examples. These special reports stand as an indication of the care and concern of the college in keeping the students updated right from the inception of the college.

Efforts are being taken to enrich collection of rare books, manuscripts and special reports.

File Description	Document
link for additional information	[View Document](#)

4.2.3 Does the institution have the following

    1. **e-journals**
    2. **e-ShodhSindhu**
    3. **Shodhganga Membership**
    4. **e-books**
    5. **Databases**

Response: Any 4 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc	View Document
Any additional information	View Document

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

Response: 7.25

4.2.4.1 Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
9.95	8.98	9.35	3.79	4.16

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	View Document
Audited statements of accounts	View Document

4.2.5 Availability of remote access to e-resources of the library

Response: No

4.2.6 Percentage per day usage of library by teachers and students

Response: 5.02

4.2.6.1 Number of teachers and students using library per day over last one year

Response: 243

File Description	Document
Any additional information	[View Document](#)

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

As per the strategic plan, the college periodically updates its Information Technology facilities to make use of potential benefits offered by IT systems and also cater to new requirements.

- Seven classrooms have been upgraded as smart classrooms with facilities like interactive digital board, LCD, computers, audio and video recording facility and Wi-Fi connectivity.
- One tower model basic HP server was purchased on 10.12.2015.
- 312 desktop computers were procured in the last five years and the present strength of computers is 515.
- RAM in the old PCs has been upgraded and 70 keyboards have been replaced.

Networking:

- To enable Wifi campus, the BSNL bandwidth was increased to 100 mbps on 29.03.2017 and is renewed every year.
- 3 Unifi wireless access points were installed on 14.12.2015.
- 17 Fortinet wireless access points were installed on 09.06.2016.
- 6 aruba wireless access points were installed on 24.08.2018.

1400 mts OFC has been laid to link the blocks

- Server room to a separate cabin on 20.11.2015.
- Zoology block to new block on 09.06.2016.
- Computer Science Block to Zoology block on 16.06.2917.
- Main Block to Dr.RT Block, Chemistry Block, Library Block, Main Entrance, Ladies Hostel, Boys Hostel and Physical Education Block on 11.06.2018.

7320 mts CAT6 cable was laid within blocks

- Sri. Ramanujam Common Computer Lab on 09.2016.
- In all department libraries on 16.06.2017.
- To fix wireless access points at all blocks date.
- Dr RadhaThiagarajan block on 12.10.2018.
- Computer Science block in October 2018.

Data Switches

- One unmanageable switch on 20.01.2015.

- 6 unmanageable switches on 10.09.2016.
- 6 semi manageable switches on 19.06.2017.
- 2 manageable switches on 11.06.2018.
- 5 manageable switches on 12.10.2018.
- 1 OFC cable connection manageable switch on 10.12.2018.
- 1 manageable switch on 12.07.2019.

Group SMS facilities:

BSNL group SMS was procured (10000 SMS / year) in July 2016 and renewed every year

Perpetual license for Windows

- Windows -10 for 25 users on 31.03.2017.
- MS Office for 15 users on 31.03.2017.

K7 Security

- 3 years for 160 users on 14.12.2015.
- 3 years for 400 users on 31.12.2018.

Library software

- MODERNLIB software was upgraded to interconnect all the department libraries on 07.09.2018

Automation:

- Thiagarajar College Online Admission System (TCOAS) and Thiagarajar College Academic Process Management System (TCAPMS) have been developed to automate administrative and academic processing.
- igate software is being used to monitor students' entry.

PFMS & IFSHRM

- The college is a registrant of PFMS and all transactions under Government funding are made through PFMS
- The data of all teaching and non-teaching staff has been digitalized in IFSHRM.
- The salary for the staff is credited through e-pay roll facility provided by the Government of Tamil Nadu.

File Description	Document
link for additional information	[View Document](#)

4.3.2 Student - Computer ratio

Response: 121:25

File Description	Document
Any additional information	[View Document](#)

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)

Response: ?50 MBPS

File Description	Document
Any additional information	[View Document](#)

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

Response: No

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Response: 52.02

4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
276.74	248.44	236.19	172.61	153.41

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	[View Document](#)
Audited statements of accounts.	[View Document](#)

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic

and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Response:

Maintenance of Physical, Academic and Support facilities

Thiagarajar college continuously strives to meet the growing needs of the students with distinctive plans and has specific policies to utilize the facilities available in the most efficient way.

The college council consisting of Principal, Heads of the Departments, Deans, Head / Staff in-charge of various co-curricular programmes and wardens periodically meets, discuss and plan the strategies for the best utilization of the available resources.

Utilization of Physical Facilities:

The Optimum Utilization of Classrooms is ensured through the functioning of the college in two shifts, one from 08.30 a.m. to 1.35 p.m. and the other from 2.00 p.m. to 06.45 p.m.

Every year, the timetable committee frames the general timetable to accommodate all the students in their respective theory or practical classes without any overlapping.

The events of the college are organized in the 3 auditoriums. A support staff is nominated for coordinating the schedule of events organised in the auditoriums. On receiving the copy of the letter of permission from the Principal, any overlapping immediately informed to the staff concerned.

The auditorium is permitted to be freely used for service oriented programmes by non-profitable organizations during the non-working hours / days.

Utilization of academic facilities:

The general library of the college works nine hours per day, and functions during winter and summer vacations. Students access library resources on all these days. Besides, each department is equipped with a department library which is widely used by both the teachers and the students.

The principal investigators of various Major and Minor research projects have separate research laboratories equipped with necessary instruments. Research scholars, M.Phil. scholars and postgraduate students make use of these research laboratories.

Teachers, scholars and students of other colleges are permitted to utilize the resources of the science labs on payment of consultancy charges.

The National Centre of Excellence established in the college, funded by MHRD offers its resources by organizing summer / winter schools for the students of other colleges particularly from remote areas. Besides, the students also utilise these facilities for specific practical / project work.

Students of Computer science, BCA & IT, Mathematics, Commerce and M.Sc., Biotechnology optimally and effectively utilize the three computer laboratories. Separate laboratory assistants maintain the computers in these laboratories and the schedule chart is meticulously prepared avoiding overlapping of

any kind.

Besides these, the computer laboratories are used for online examinations, pooled placement events and week-end special classes such as Tally, etc.,

A Common Instrumentation Centre has been established for the benefit of the researchers and students pursuing their projects.

The Business lab established in the Department of Commerce trains students through e-services.

Sports and Ground facilities:

Playgrounds and play courts are utilized to the best use all through the year. Zonal level competitions sponsored by Madurai Kamaraj University are organized in the college premises. Besides, NCC Army and Naval cadets use ground facilities for their training. Both day scholars and hostel inmates utilize the gymnasium.

The college is a venue for Competitive Examinations conducted by both the Central and State Governments. Any form of disturbance to flora and fauna is strictly prohibited onthe eco-friendly campus. The trees on the campus serve as a sanctuary for hundreds of birds.

Electrical and water sources:

The electricians of the college consistently maintain rainwater harvesting facility, pumping stations, RO plant and sewage treatment plant of the college.

Operational Annual Maintenance Contracts:

Major instruments, Computers, Fire Extinguishers, Air Conditioners, RO units are maintained through respective Annual Maintenance Contracts (AMC). Interim need based repair work is also periodically carried out. In case of major complaints, faculty from Thiagarajar Engineering College and engineers from Thiagarajar Mills Ltd., are consulted.

Annual Agreements

Annual agreements have been made with the Canteen & Satellite Canteen, Xerox Centre, Parking Facility contractors with legally drawn service agreements.

To maintain the cleanliness of the campus, an agreement has been made with i2i on yearly renewable basis.

Surveillance:

The entire campus is under the surveillance of 35 CCTV cameras, with an overall viewing facility at the Principal's office. The college has its own security system. One Security Officer, 2 Assistant Security Officers and security personnels posted at the Main Gate, Girl's hostel, and Boy's hostel ensure 24 hrs. surveillance on a shift basis.

Utilization policy:

A general work plan has been framed to ensure the optimum utilization of the academic resources:

1. Preparation of general time table by a common committee.
2. Preparation of the departmental time table based on the structure given in the general time table.
3. Maintenance of class rooms, laboratories, instruments by the laboratory assistants under the supervision of the respective department Heads and staff members.

Maintenance policy:

1. Major equipment are covered under renewable AMC with the respective companies.
2. Need based repair and services are periodically carried out.
3. Three system administrators maintain networking.

Cleanliness policy:

The general cleaning work is carried out by outsourcing supervised by company supervisors and monitored by the staff- in-charge of each department nominated for the purpose.

Cleanliness Quality maintenance:

The college follows 5S principles. Each department is divided into several zones. Student 5S champions and a staff in-charge maintain each zone and the entire process in the department is monitored by a staff member nominated for the purpose. The Co-ordinator, Quality Circle, monitors the implementation of 5S principles on the campus.

File Description	Document
link for additional information	[View Document](#)

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Response: 71.27

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
2694	2891	3302	2887	3163

File Description	Document
Upload self attested letter with the list of students sanctioned scholarships	[View Document](#)
Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years	[View Document](#)

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Response: 20.1

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
1374	1251	950	341	469

File Description	Document
Any additional information	[View Document](#)

5.1.3 Number of capability enhancement and development schemes –

    1. Guidance for competitive examinations
    2. Career Counselling

3. **Soft skill development**
4. **Remedial coaching**
5. **Language lab**
6. **Bridge courses**
7. **Yoga and Meditation**
8. **Personal Counselling**

Response: 7 or more of the above

File Description	Document
Details of capability enhancement and development schemes	[View Document](#)
Any additional information	[View Document](#)

5.1.4 Average percentage of students benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years

Response: 55.96

5.1.4.1 Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
3904	2241	2094	1441	2258

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	[View Document](#)
Any additional information	[View Document](#)

5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years

Response: 0.06

5.1.5.1 Number of students attending VET year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	13	0

File Description	Document
Details of of students benefited by Vocational Education and Training (VET)	

5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

Response: Yes

File Description	Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	
Details of student grievances including sexual harassment and ragging cases	

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 32.02

5.2.1.1 Number of outgoing students placed year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
512	616	537	45	78

File Description	Document
Self attested list of students placed	
Details of student placement during the last five years	

5.2.2 Percentage of student progression to higher education (previous graduating batch)

Response: 31.1

5.2.2.1 Number of outgoing students progressing to higher education

Response: 399

File Description	Document
Upload supporting data for student/alumni	[View Document](#)
Details of student progression to higher education	[View Document](#)

5.2.3 Average percentage of students qualifying in State/ National/ International level examinations during the last five years (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

Response: 96.14

5.2.3.1 **Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) year wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
41	21	17	8	10

5.2.3.2 Number of students appearing in state/ national/ international level examinations (eg: NET/SLET/GATE/GMAT/CAT, GRE/TOEFL/ Civil Services/State government examinations) year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
44	24	17	8	10

File Description	Document
Upload supporting data for the same	[View Document](#)
Number of students qualifying in state/ national/ international level examinations during the last five years	[View Document](#)

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) during the last five years

Response: 41

5.3.1.1 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-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
7	4	6	17	7

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	
e-copies of award letters and certificates	

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Response:

Our college has an active student council with representations from all departments. Students Council meeting is conducted every month, chaired by the Principal and co-chaired by the Dean – Student welfare and co-curricular activities. New members are inducted on voluntary basis and rotation, in the first meeting of the academic year and the Principal briefs them on the objectives, role and responsibilities of the students council. He also sums up the action taken on the minutes of the earlier meetings. Equal opportunity is given to all the members to air their suggestions / grievances / complaints / representations. Members of the council interact with their classmates and represent their collective suggestions. On priority basis, action is taken to fulfill their suggestions. The council is pivotal to the college administrative system and effectively serves its purpose. The Dean (SW & CCA) sensitizes the members of the students council to government scholarships, private scholarships, and various insurance schemes.

A Committee, which includes Heads of Science Departments and two student representatives from each department, under the Principal as Chairperson, plans for the purchase of equipments under Special Fee Account at the beginning of the academic year.

Students enjoy adequate representation in academic bodies such as Board of Studies, Academic Council, Library Committee and Readers' Club. In Board of Studies and Academic Council, students' suggestions on curriculum, evaluation process, additions / deletions of course content are discussed and due considerations are given. In Library Committee, students' suggestions on purchase of new books/magazines/journals/ are taken into consideration. Readers' Club is active and organizes book reviews, competitions, and book exhibitions in the campus. Various clubs and their innovativeactivities provide a platform for the students to think 'out of box'. Thiagarajar Maths Club (THIMAT), EXCITE, TIC, THIPSY are various clubs which involve in learning and promoting lateral thinking.

Students are given responsibilities as President, Vice-President and Secretary to inculcate

leadership qualities based on their capabilities, in administrative bodies viz.Department Associations, Placement Coordination Committee, Organising Committees of Seminars, Conferences and Workshops. They are supervised and trained by the faculty of the respective departments.

The college is committed to have safety, violence-free, gender discrimination-free campus and is keen on avoiding exploitation, harassment and intimidation of any kind. Hence anti-ragging committee and internal complaints committee are formed as per the guidelines of the UGC, with members from various departments. These committees meet periodically and send reports to the JDCE and University.

The Sports Committee comprises of students members, and recommends the purchase of sports articles and preparation of layout for intra-mural tournaments, and conducts zonal level and college level competitions.

The college is a 5S certified institution, and for its sustenance and moving towards excellence, department level 5S groups are formed.

Students are a part of various committees in hostels like, Mess Committee, Water Management and Waste Management Committee. They are also members of Sports Committee, Discipline Monitoring Committee, 5S Committee and Cultural Committee. Periodical meetings of these committees help in the smooth functioning of the administration.

File Description	Document
Link for Aditional Information	[View Document](#)

5.3.3 Average number of sports and cultural activities / competitions organised at the institution level per year

Response: 25.8

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
41	28	26	21	13

File Description	Document
Report of the event	[View Document](#)
Number of sports and cultural activities / competitions organised per year	[View Document](#)

5.4 Alumni Engagement

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Response:

Thiagarajar College Alumni Association actively involves in the activities of the college since 2012 through financial and non-financial means. It is registered as a trust on the 7th day of November 2016 in the name of "Thiagarajar College Alumni Charitable Trust". A separate alumni website is maintained to update alumni profile, offer feedback and connect with the college.

The Association takes measures to unite all the alumni of the college as life members and it has 10521 life members as on date. As a nodal system, it encourages department level alumni meetings and periodically conducts meetings. The college invites the illustrious alumni as chief guests, and they also deliver guest lectures in the departments, National and International Seminars organized by the departments.

Under the aegis of the trust, the Department of Chemistry and National Taipei University signed an MOU for collaborative research. With the support of the trust, the Department of Chemistry organizes "Alumni Lecture Series". The alumni network has created a positive impact on the attitude of the present students leading to research.

Through the trust, the alumnus Prof. (Mrs.) UshaRamanadhan, Nottingham Trent University liaised to get research and seminar funding of GBD 250 (Approximately Rs.2 lakh) from Nottingham Trent University, Nottingham, UK. Four students from department of Botany worked as project fellow and received a monthly stipend of Rs.10000/-. She invited the Principal, he visited NTU, UK and delivered a lecture.

The President of the trust signed an MOU with the Institute of Cost Accountant of India, Madurai, Tamil Nadu. As a part of it, the Department of Commerce and ICA, Madurai chapter, offers Cost Management Accountant (CMA) course for the advanced learners of the Department of Commerce. The alumni extend their support by handling classes and guiding the students.

The trust guides the Placement Cell of the college to utilize the alumni to train the present students, have interactions, make the students understand industries' expectations, understand the gap between the industry and the academia. The companies owned by our alumni, Clientlinx Pvt. Ltd., Chennai, Mastermind Software Consultancies, Chennai, Dzire Consultancy Pvt. Ltd., Madurai, Mahathma Group of Schools, Madurai and Guhan Matriculation School have recruited our students.

The college felicitated one of the illustrious alumni Mr. J. DeepanChakkravarthy, Grand Master on 21.09.2017.

The Alumni represent various committees / cells / forums of the college like IQAC composition of the college, Board of Studies of the Departments, Academic Council which showcase active participation of the alumni in the holistic development of the college. It is the tradition to invite our alumni for important programs of the college viz. College Day and Graduation Day.

The trust gave scholarship to five needy students and our alumnus CA. Mr. G. Saravanakumar

distributed the cheque to the students in the awards ceremony for the year 2018-2019.

During the last five years, the trust and the college have generated 39.03 lac rupees.

File Description	Document
Link for Additional Information	[View Document](#)

5.4.2 Alumni contribution during the last five years(INR in Lakhs)

Response: ? 15 Lakhs

File Description	Document
Any additional information	[View Document](#)
Alumni association audited statements	[View Document](#)

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

Response: 51

5.4.3.1 Number of Alumni Association /Chapters meetings held year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
6	12	10	16	7

File Description	Document
Report of the event	[View Document](#)
Number of Alumni Association / Chapters meetings conducted during the last five years	[View Document](#)

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the institution

Response:

In the year 2007 having discussions with all the stakeholders and in tune with the vision of our founder college Vision and Mission statements were framed.

Vision

To serve the society by providing affordable quality higher education to all at all times.

Mission

To provide a gender friendly academic ambience which ensures knowledge acquisition through student teacher synergy resulting in character development and career readinesss.

A time frame, strategic plans for 5 years and 10 years have been drafted to attain the Vision through the Mission by considering regional needs, national importance with global relevance in the IQAC composition meeting held in 2014 and resolved to restructure in the year 2025.

Plan for five years

Continuation of student's admission for management seats purely on merit basis and maintaing affordability. Updating the curriculum to cater to the need, enhancing the quality of faculty members, value added courses for personality making and nation building, character building through Saiva Sidhantha, Women Empowerment and maintaining gender friendly ambience, elevating the departments into research centres and promoting multidisciplinary research, establishing research collaborations with national laboratories and institutions, Augmenting the infrastructure, automation and digitalization, creating eco-friendly environment, generating placement opportunities, strengthening alumni association, attaining excellence at regional level, promoting Tamil literature and maintaining affordability.

Plan for ten years

Continuation of student's admission for management seats purely on merit basis and maintaing affordability. Scaling up the curriculum, establishing industry – academia interaction, Promotion of international research collaboration, upgrading infrastructure facilities, sustenance of eco friendliness, generating placement with high median salary, attainment of national excellence and sustaining affordability.

The founder instituted the college with an ambition to provide standard education in order to uplift economically and socially weaker sections of the society. He had the vision of inculcating cultural, traditional and spiritual values while providing education to all sects without any discrimination through the teachers of excellence and eminence, which are reflected in the College Vision and Mission statements

and time framed strategic plans.

The System of Governance:

The College Committee (formed as per the guidelines of UGC and Tamilnadu Private College Regulations Act) headed by the President of the College, consists of Management nominees from academic / research / industry field, UGC nominee, University nominee, Principal and two senior faculty members representing all the staff implements both five and ten year plans.

The College Council (consists of Heads of all the Departments, Deans, CoE, Part V Programme Officers, Coordinator / Staff in-charge of various programmes), Committee of Heads of the Departments, IQAC Composition, NAAC Steering Committee, Academic Council, BoS are the committees support the effective implementation of the plans in tune with the vision and mission statements of the college. Women staff and students represent all the committees / cells / forums.

File Description	Document
Link for Additional Information	[View Document](#)

6.1.2 The institution practices decentralization and participative management

Response:

The college staunchly believes in teamwork and work sharing for its growth, success, sustenance and excellence. The functioning of the college has categorically segregated and entrusted with a team of dedicated teachers. The organizational structure encompass Management, Principal, Director, Deans, Controller of Examinations, Heads of the Departments, Coordinators of various programmes and conveners of various committees and the stake holders. The College Committee (CC) consisting Management of the college, illustrious academician, eminent industrialist, UGC nominee, University nominee, representatives of the staff executes participative management for the holistic development of the college.

The IQAC composition of the college initiates quality initiatives and are implemented by HoDs, Deans, CoE and respective committees and staff-in-charges.

The Dean (Curriculum Development) coordinates academic process such as the conduct of Academic Council and Board of studies. The Dean also coordinates meetings of HoDs, College Council, awards committee and monitors the execution of minutes of the meetings. Office of the Dean bridges the CoEs office and the Departments for examination process. The college timetable committee coordinates with the Dean(CD) in preparing general timetable.

The Dean (Student Welfare and Co-curricular Activities), monitors student support and progression and co-curricular activities. Placement Cell, Anti ragging committee, Internal compliance committee, Students council are the other responsibilities of the Dean (SW & CCA).

The Dean (Research and Development) coordinates the research activities and IPR oriented programmes

and facilitate the office to have a follow-up on research grants, fellowship and other research funding matters.

 Controller of Examinations supported by two Deputy CoEs conducts Summative Examinations through Exam superintendent on rotation basis and publish the results. Malpractice enquiry committee in association with office of the CoE look after the issues related to malpractices.

A teacher nominated as SPOC manages the online NPTEL courses with a team of staff members representing each department.

The Principal monitors various activities such as admission through the Admission Committee and Special Quota committee,   appointments through certificate verification committee, disciplinary issues through disciplinary enquiry committee. Other cells / committees directly monitored by the Principal are OBC cell, SC & ST cell, Minority cell and grievance cell, purchases through chemical purchase committee, glassware purchase committee, instrument purchase committee and networking purchase committee and editorial committee of TeJAS, the online journal.

The NAAC steering committee coordinates the functioning of committees of respective criteria headed by criterion coordinator. 5S organogram involves staff and students in maintaining 5S quality standards in the college.

In addition, calendar committee, magazine committee, stock verification committee and attendance committee are functioning. During the Convocation ceremony and the College day, decoration committee, reception committee and seating arrangement committee manage the events.

As a specific case, one of the new decentralization processes evolved is the conduct of internal assessment tests by every department on rotation basis, which involves all the faculty and decentralizes the process.

The mechanism of decentralization and participatory approach in all domains viz., teaching, learning, evaluation, research, co curricular activities facilitates smooth functioning and furtherance of the institutional objectives at a larger scale.

File Description	Document
Link for Additional Information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

Response:

At the time of submission of SSR report to the NAAC second cycle College vision and mission were framed. At the end of the second cycle, in the IQAC composition meeting, plan for five years and ten years have been earmarked in tune with the college mission and vision statements. The deployment of strategic plan resulted in the introduction of 12 new programmes and 616 new courses, improvement in the

percentage of teachers with Ph.D to 60%, 5S certification for maintaining quality standards, 44th rank in NIRF 2018, 34th rank in NIRF 2019, two more research centres (scaling up the research centres to 10), signing of MoU with National Taipei University, Taiwan, receipt of research funding from Nottingham Trent University, UK, Establishment of placement cell, significant increase in placements and establishment of Tamil Music Research Centre.

The recommendations of NAAC Peer team in its exit report and suggestion and recommendation of the autonomy review committee have been considered for framing as the strategic plan and subsequently all the suggestions and recommendations specified by NAAC have been implemented.

The report of the external academic audit conducted by academic experts, has been meticulously analyzed and deployed on priority basis. Views of the members of the Academic Council are elaborately discussed and on attaining concurrence, they have been incorporated

The annual plan is tactically prepared at the time of submission of AQAR, the plan is executed, actions are taken, and the same are uploaded on the website.

The UGC autonomy grant is allocated to various departments with proper approval from the finance committee. Other grants are utilized with the approval of the Chairman, College Committee.

Decisions taken in the College Committee meetings are implemented in the collaborative and decentralized nature through College council, which meets every month. The 5S coordinator in consultation with the Principal draws plan for adopting 5S principles whose deployment awarded 5S certification.

A Committee, which includes Heads of Science Departments and two student representatives from each department, under the Principal as Chairperson, plans for the purchase of equipment under Special Fee Account at the beginning of the academic year by reviewing the requirements given by each department. The Equipment purchase committee implements the recommendations of the committee by adopting the said procedures existing in the college.

While framing perspective plans, feed backs from the stakeholders, teachers, parents, alumni, employers and students are given due considerations.

File Description	Document
Strategic Plan and deployment documents on the website	View Document

6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

Response:

IQAC Composition

The IQAC composition is formed as per the revised guidelines of NAAC and coordinates all the activities of the college. The college Secretary represents the management in the IQAC composition, empowering the decision making capacity of the composition.

College Committee

As per the Tamil Nadu Private College Management Act 1970, the College Committee is constituted with the President, Vice-President and the Secretary of the college along with two management representatives, UGC nominee, University Nominee, The Principal and two senior staff of the college. Periodical meetings are conducted and policy decisions and other important decisions are made for the overall development of the college. The Principal and the Chairman of IQAC, place issues related to appointments, teachers' and students' grievances in official forums on need basis.

College Council

The college has an active council with the Principal as the chairperson. The Heads of the departments, Coordinator of IQAC, Deans, Secretary of the staff association, all Part V programme officers, hostel wardens and staff in-charge of various programmes are its members. The College Council renders administrative guidance to the Principal. The college council meetings are scheduled in the academic calendar of the college and are accordingly held.

Students Council

The Students Council actively functions as a bridge between the College administration and the students. The minutes of the council is recorded and follow-up actions are reviewed and placed on record in the next meeting.

Board of Studies (BOS) & Academic Council

Board of Studies and Academic Council are formed as per the guidelines of UGC and are involved in Curriculum design, revision and development.

Quality Control & 5S:

Quality control coordinated by a faculty member, functions for the effective implementation, sustenance and adherence of 5S principles and practices. Each department has a separate 5S Committee for the effective implementation of the principles.

Non Statutory Committees and Cells

The college adopts and practises participative approach in all its activities. Various committees such as Finance Committee, Admission Committee, Attendance committee, Malpractice Enquiry Committee, Discipline Enquiry Committee, Anti Ragging Committee, Internal Compliance Committee have been formed and are active in carrying out their specific tasks.

As per the suggestions given by the Autonomy Review Committee SC & ST Cell, OBC Cell and Grievance Redressal Cell have been formed and their meetings are regularly held.

Service rules, procedures, recruitment and promotional policies

The teaching and non-teaching staff are governed by the Service Rules and Regulations put forward by the Government of Tamil Nadu.

UGC guidelines are strictly followed for appointment and promotion of teaching staff. Tamil Nadu State Government norms are followed for appointment and promotion of non-teaching staff.

Grievance redressal Mechanism:

The Grievance Redressal Cell of the college receives the grievances of the students, non-teaching staff, teachers, parents and alumni. The grievances thus received are resolved in consultation with the Management / Principal / or specific department or body concerned.

File Description	Document
Link to Organogram of the Institution webpage	View Document

6.2.3 Implementation of e-governance in areas of operation

1. **Planning and Development**
2. **Administration**
3. **Finance and Accounts**
4. **Student Admission and Support**
5. **Examination**

Response: All 5 of the above

File Description	Document
Screen shots of user interfaces	View Document
Details of implementation of e-governance in areas of operation Planning and Development,Administration etc	View Document

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions

Response:

Decentralization and participatory approach have been adopted for the effective management of the institution.

College Committee meetings have been periodically conducted and minutes are implemented through various committees and systematic procedures. IQAC Composition meeting has been conducted once in

six months,which takes quality enhancement in the college, minutes are recorded, uploaded in the public domain, action taken reports are analyzed. Minutes of Academic Council meetings are recorded and its minutes circulated among the departments for effective implementation as per the minutes of the Board of Studies. College Council meetings are conducted as per the academic calendar, minutes are circulated among the staff members for the smooth running of the college.

For fairness in the admission, admission committee, committee for special quota play a vital role, by assisting the Principal.

Awards committee meetings are conducted for the approval and publication of summative examination results.

Students Council, Meetings of Minority Cell, OBC Cell, SC/ST Cell, Grievance Redress Cell, Internal Complaints Committee, Anti Ragging Committee are conducted to address and redress the grievances.For the smooth functioning of the prospectus committee, hand book committee, College Time Table Committee, Purchase Committees for chemicals, Glasswares, Equipments, Committee for Networking and Purchase of Computers & Peripherals, Committees for Quality Control, Discipline Enquiry Committee, Malpractice Enquiry Committee, Committee for Divyangjan, Calendar Committee, SportsCommittee, Library Committee, Committees for Events Management and different committees in hostels are conducted and the minutes are recorded and implemented.

Activity:

Enhancement of Educational Scholarship to students.

Origin:

The management, with a societal concern, wanted to provide financial support to economically and socially under privileged deserving students. In the year 2014 – 15, a sum of Rs. 25,000/- was given as educational scholarship by the management. In 2015 – 16, fifteen students received a sum of 1, 05,000/- (Rs. 7000/- each).

Resolution in the College Committee:

In the College Committee meeting held on 30.09.2016, it was resolved to enhance the Management Education Scholarship to Rs. 5 lakhs from the academic year 2016 – 17 onwards.

Execution of the resolution through various committees:

To execute the resolution of enhancing the education scholarship by the College Committee, decentralized, transparent participatory approach was adopted so as to make the scholarship available only to deserving candidates.

1. The resolution was announced by the Principal in the meeting of the Heads of the Departments held on 11.10.2017. The Heads of the Departments are asked to recommend the deserved candidates.
2. A committee has been formed to scrutinize the candidates who applied for the scholarship. The committee interviewed the candidates, short listed candidates and submitted the list to the Principal.
3. The Principal, after verification, forwarded the list to the President of the College Committee for

approval and sanction.

On receipt of the approval, the names of the selected candidates were informed through the Heads. The scholarship was distributed in the Awards ceremony. The Dean, Student Welfare and Co-curricular activities, coordinated the process.

File Description	Document
Link for Additional Information	[View Document](#)

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff

Response:

Welfare measures for teaching and non teaching staff of the College

- Diaries are complimented to all teaching staff every year
- Maternity leave for female faculty members up to 9 months
- Group Insurance Schemes
- Health insurance for staff and their family
- Festival Advance
- Bonus to aided staff by Government and to non-aided staff by Management
- Faculty appointments prior to 2001 are eligible for pension benefits on retirement
- Faculty who joined after 2007 are covered under New Pension Scheme (Contributory Pension Scheme)
- GPF, gratuity and leave encashment are availed by retiring faculty as per Government norms
- Vacation leave, Casual leave, Earned Leave and Medical leave facility
- Loan on Provident Fund and Part final withdrawal
- Leave on other duty (OD) for attending Seminars, Conferences and Workshops
- Leave on other duty (OD) for delivering invited lectures / examination related work in other colleges
- Financial support to staff attending Seminars, Conferences and Workshops
- Employee Provident Fund for teaching and management fund for SF and non-teaching staff
- Membership of Private Colleges, Teachers and Employees cooperative Thrift and Credit Society Ltd
- Canteen and Satelite Canteen
- First Aid Facility
- Thiagarajar College Staff Welfare Association (operative till 2016) for providing emergency loan assistance to teaching and non-teaching staff
- Seed money for faculty members to do preparatory research work
- Xerox centre
- Yearly increment for staff working in Self – Financed stream
- Incentives to faculty members publishing papers in high impact journals and for procuring research grants.

- Part of travel grant provided by management to faculty members going abroad for conferences on short-term projects
- Gymnasium for Physical fitness
- Periodic health check up camps free of cost / subsidiary cost
- Engineering college seat to wards of faculty members on request
- Pure Drinking R.O water
- Housekeeping by outsourcing to ensure cleanliness of the campus
- Management funded training programs for teaching and non-teaching employees.
- Wi-Fi facility with a speed of 110 Mbps
- Happy Day celebration for non-teaching staff
- Maternity leave encashment for lady non-teaching staff from ESI
- Medical loan to non-teaching staff
- Faculty contribution to teaching / non-teaching staff and students in case of medical emergency
- Gold ring as memento for retiring teaching faculty and watches for non-teaching staff
- Provision of uniform to Securities, Mess workers, Electricians and support staff
- CCTV camera installed in various nooks and corners of the campus to ensure gender sensitivity facilities of security and safety.
- Indoor games and competitions to non-teaching staff
- Regular yoga classes to ensure spiritual englightenment and mental peace
- Post office inside the campus
- Ramp facilities
- Special toilets for differently abled persons

File Description	Document
Link for Additional Information	[View Document](#)

6.3.2 Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years

Response: 10.65

6.3.2.1 Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
24	21	25	14	17

File Description	Document
Details of teachers provided with financial support to attend conferences,workshops etc during the last five years	
Any additional information	

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 12.8

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
22	8	19	12	3

File Description	Document
Reports of Academic Staff College or similar centers	
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	

6.3.4 Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years

Response: 83.91

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
206	140	184	176	91

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File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers).	[View Document](#)
Details of teachers attending professional development programs during the last five years	[View Document](#)

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

Response:

The college staff are a composite of two categories of staff members, those who work under Govt. aided stream and those in the self - financed stream. For aided staff, UGC regulations are followed and for staff working under self financed scheme, separate performance appraisal system has been formulated.

Appraisal System for Teaching Staff (Aided)

IQAC has obtained year wise performance appraisal of staff members in tune with the UGC 2010 guidelines, mentioning their Academic Performance Indicators (API) score. Faculty Development Programmes are conducted in the required domains after analyzing the performance of the staff. IQAC recommends the staff members who have published research papers with high impact factor, received major research projects, or achieved significantly, for the awards on the College day celebration.

IQAC implemented Career Advancement Scheme for staff promotion as per the following procedure:

- Formulating Committee Members from Madurai Kamaraj University as per the UGC 2010 regulations (as indicated by Director of Collegiate Education)
- Conducting briefing meeting before CAS interview
- Fixing interview date by coordinating with the members of the Committee
- Conducting interview for the staff
- Consolidating Report

Fifty eight Assistant Professors attended CAS interview for increment in grade pay.

Appraisal System for Teaching Staff (Self - Financed)

IQAC has designed self-appraisal form for teaching staff working in Self Financed Stream. Filled in self - appraisal forms are received from the teaching staff working in self - financed stream every year. Based on their appraisals, Faculty Development Programmes (FDP) and Orientation Programmes are conducted. Due weightage is given based on their self - appraisal at the time of sanctioning yearly increment.

Non - Teaching Staff (Aided and Self Financed)

Systematic appraisal of the performance of the non-teaching staff is carried out using a structured appraisal questionnaire focusing on eight performance indicators such as team work, punctuality, adoption of 5S principles, training undergone, technical skills and the attendance. IQAC collects filled in self - appraisal forms from the non - teaching staff at the end of the academic year. The HoD / Office Manager /

Superior Officer of the respective department then verify the performance score of each staff. The staff are categorised into high, average and low performers based on their appraisal score.

For aided teaching staff, their cumulative appraisal score is considered for their next career advancement. Due weightage is given in annual increments for staff under self-financed stream as per their appraisal score. The low and average performers were directed to attend training programmes organized by IQAC. The President of the College awards high performers in the College Day. It serves as an effective motivator for the employees to overcome their weakness and to enhance their performance.

Based on the analysis report, IQAC has organised Faculty Development Programmes for teaching staff on Intellectual Property Right, Smart Classroom, Google App etc. Yoga and Meditation, Excel Programming, Mango DBF etc. were conducted for non-teaching staff.

File Description	Document
Link for Additional Information	[View Document](#)

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

The College has been maintaining transparency in financial management by internal and external auditing (Local fund audit and GST audit) of all financial transactions at periodical intervals in adherence to the guidelines of Govt. of Tamil Nadu, UGC, MHRD. In addition to internal audit, two external audits are conducted.

Internal Audit:

The Management of the college has nominated an internal auditor to audit various accounts of the Government, UGC Grant, Management, Hostels and Certificate courses. The Internal auditor audits daily petty cash register, daily receipts, cash vouchers, bank vouchers and journal vouchers. He verifies the Students fee collection register, Bank Reconciliation statements and purchase bills for equipments, chemicals, glassware and printing materials. His periodical visits help the office accountants to maintain the accounts error free.

Every year, completed accounts are submitted to the Chartered Accountant two months prior to the last date of filing of Income Tax Return.

External Audit:

The Management has nominated a Chartered Accountant for filing of Income tax return and he is authorized to attend the hearings on behalf of the Management for any notice issued by the Income Tax Department. The External Auditor also checks the day to day transactions of all the accounts as and when required. TDS collection and remittance as per various sections of income tax rules (salary - 92B),

(contractor - 94C), (professionals - 94J) are also checked by him. He verifies TDS return (Quarterly - 27A) filing on or before the due date. He prepares the income and expenditure statement, balance sheet and annexures and duly files the income tax return.

Joint Director of Collegeiate Education (JDCE) Audit:

The College is a private, aided institution affiliated to Madurai Kamaraj University since 1949. The State Government of Tamil Nadu sanctions 100% salary grant every month to the teaching and non-teaching staff of the college through Pay and Accounts Office by ECS mode. The State government has been sanctioning scholarship to BC, MBC and SC/ST students of aided programmes and SC/ST students of Self finance programmes through the district Treasury office. Further, the State government waives the tuition fees of all the UG students of aided courses. A team of JDCE audit nominated by the Govt. of Tamil Nadu verifies approved staff salary, Non-salary, special Fees, Caution deposit and Scholarship accounts, student's scholarship account, staff service register, appointment order, attendance register, leave register, other duty register and foreign trip leave register of the teaching staff. Any objection is rectified as per their advice.

We have clarified audit objections raised on EB bill, entry in stock notes, interest on approved staff salary with supportive documents.

GST Audit:

After the implementation of GST, The management has nominated a GST auditor to train the staff and to verify payment of GST. He oversees all GST related work and the filing of GSTR1 & 3B are done as per his guidance. From the date of introduction of GST i.e., (01.07.2017) every month the GST amount is remitted under the supervision of a Chartered Accountant.

File Description	Document
Link for Additional Information	[View Document](#)

6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III) (INR in Lakhs)

Response: 239.53

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropists year-wise during the last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
2.20	101.63	90.95	2	42.75

File Description	Document
Details of Funds / Grants received from non-government bodies during the last five years	[View Document](#)
Any additional information	[View Document](#)
Annual statements of accounts	[View Document](#)

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

Fee from the students

There are two streams of students, one in the aided stream and the other one in self-financed stream. The college mobilizes funds from students through tuition fee, admission fee, exam fee, lab fee, Certificate Course fee, Diploma Course fee, Caution Deposit and other fees specified by the Govt. of Tamil Nadu and Madurai Kamaraj University and the fund is maintained in various accounts

Government Agencies

The Salary grant-in-aid is received from Govt. of Tamil Nadu for aided teaching and non-teaching staff. Every year the college receives autonomy grant on settling the previous year's accounts from UGC. The college has received funds under FIST programme and STAR college scheme from DST. The college has been sanctioned Rs.1 Crore under the scheme of UGC Plan Block Grant for the construction of class rooms, procuring equipments, books and journals under capital head and for recurring expenditure under GIA. The college has been shortlisted to get funds under RUSA grant. The college also receives BC, MBC and SC, ST scholarship from the State Government.

Research Projects

The college mobilizes funds for research from agencies DST, DBT, UGC, MHRD, MOEF, MOEs, TNSCST & CICT through minor and major research projects. It has received 250 GBD from UK for a collaborative research project.

Endowments

The college encourages its alumni, retired staff and the public to create endowments and hence there are 150 endowments.

Corporate Social Responsibility

The college has received funds from Thiagarjar Mills Pvt. Ltd, Madurai, Tamil Nadu and Virudhunagar Textile Mills Pvt. Ltd., Virudhunagar, Tamil Nadu under their CSR activities.

Alumni

Corpus fund has been generated through Thiagarajar Alumni Charitable Trust. Rs. 500/- is collected as fee to become life member in the Alumni Association. In addition, alumni may contribute for specific purposes.

Aid for students from Trusts

Malcom& Elizabeth Adiseshiah Trust sponsors competitions and research activities of the Department of Economics.

Scholarship from Trusts

Private scholarships are received from ARCO IRIS Foundation, Help Kids, Chennai Foundation, Help the Blind Foundation, SOROPTIMIST, Sitaram Jindal and Kalaithanthai Thiagarajar Chettiar Memorial Charitable Trust for under privileged and visually challenged students.

Hiring Charges for Centers in College campus

Rental charges for IGNOU Study Center, M/s. Digitall Computers for conducting programmes, Tamil Nadu Public Service Commission (TNPSC), Labour Department, Tamil Nadu State level Eligibility Test, Police Service Examinations for conducting examination also form a source.

Consultancy Charges

Consultancy charge is collected from students of other colleges who utilize the resources of the college.

Hostels

Boarding and Establishment charges are levied to accommodate and nourish hostel inmates.

Others

Rent for Canteen, Xerox Centre, two wheeler parking, venue for conduct of various examinations, disposing of paper wastes.

Optimal Utilization of Financial resources

Every year the budget is prepared and approval is obtained from authorities. Expenditure is made according to the budget allocation. The finance committee suggests the optimum utilization of the resources.

File Description	Document
Link for Additional Information	[View Document](#)

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6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Response:

a. Training and Placement Cell:

The Placement Cell plays a vital role in helping the students achieve their career goals, bridging the gap between job industry and college education. Initially, a teaching faculty as additional responsibility coordinated it.

With the increasing need for placement and training for placement as per previous NAAC exit report, in the IQAC Composition meeting held on 22.12.2015, a resolution was made to appoint a full time Training and Placement Officer to coordinate training and placement activities. In continuation, a full - time Training and Placement Officer was appointed on 22.06.2016. In addition to providing good academic excellence, the institution provides skill trainings especially that require for facing interview through Training and Placement cell.

The cell organizes various programmes with external resource persons, which increase their confidence level and all these skill development programmes cover the syllabus which are not covered in the regular curriculum. A few of agencies which employ our students are L & T, Deloitte India, Zifo R and D Solutions, Honey Well, SanmarChemplast, TCS, Cognizant, Zoho, Ramco Cements, Godrej and Boyce, South Indian Bank, City Union Bank and much more. It is a constant effort where learning is nourished along with career skills and professional etiquettes.

The median salary of placed under graduate courses for the years 2015-2016, 2016-2017, 2017-2018 are Rs.1.5 lac, Rs.1.68 lac, and Rs.1.87 lac respectively.

b. Work place management by adopting and practicing 5S principles

Cleanliness and Orderliness in work place is one of the quality initiatives. To attain this, the college decided to adopt and practice 5S principles. Serious and sequential measures are taken to institutionalize the 5S principles. The objectives are to

- maintain an orderliness in the institution.
- standardize the institutional, academic, administrative and financial activities.
- create a clean, hygienic, standardized and self disciplined work culture through team spirit by boosting the morale of the teaching, non-teaching staff and students for academic excellence.

IQAC has planned the following framework to ensure cleanliness practice:

A certified professional for 5Shas been nominated for training and monitoring. A staff member was nominated as Coordinator, Quality Circle. Sequential programmes were conducted to sensitize staff and students. 5S team was formed in each department with the HoD as team leader and a staff as coordinator. The departments were compartmentalized into different zones, with staff members and student 5S

champions as team members. Periodical competitions are conducted to create interest among students.

The classrooms, halls, labs, instruments were labeled. The furniture was numbered. Disposal policy was reframed. Red tag area was marked in the department to keep things to be disposed. Periodical self-audit, cross audit and external audits are carried out to sustain cleanliness and orderliness.

The college is certified by ABK – AOTS DOSOKAI, (Alumni Association of ABK & AOTS, Japan, TN Centre) Chennai, with the *Certificate* of Achievement of Best 5S Practices in Educational Institution for two years from 2017 – 2019

File Description	Document
Link for Additional Information	[View Document](#)

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms

Response:

The continuous process of teaching, pedagogy and learning are constantly subjected to review with a view to attain excellence. Any success or achievement also has to be assessed, as there is a scope for improvement. IQAC adopts various methods to review the performance in teaching and learning aspects. In the process of analysing, the suggestions and recommendations given in Internal Academic Audit, External Academic Audit, feedback specifically on teaching and learning, it was observed that there needs a requirement for progressive care on academic, co-curricular and behavioural components of students. Hence, as a strategic measure, class diary and MTC record were introduced.

a) Class Diary and MTC (Mentor Tutorial and Counselling) Record:

IQAC has introduced Class Diary to make teaching and teaching methods more accountable. On completion of a class, the teacher records the course, content delivered and teaching method and endorses it with a signature. The class representative maintains and submits the record to the HOD every day. It is a direct evidence of the teaching and learning process as it shows transparency and ensures the commitment of both the teacher and the students. Students, teachers and the Heads involve as a team in this process. It is a record for monitoring various parameters like percentage of syllabus covered, class compensation and teaching methods adopted. Briefly, this diary synchronizes the responsibility of the students, teachers, HODs and administrators.

The MTC record is an acronym of Mentor Tutorial and Counselling Record. The MTC record contains students' personal information, marks obtained in the examinations, Parent – Teacher-Meet details, attendance, participation in co-curricular and extracurricular activities and progression after the completion of the programme. The MTC record acts as a self-evaluation tool and academic trajectory of the students. A teacher, assigned as the mentor, maintains the MTC record and in that process ensures a healthy relationship with the mentee both in and outside the classroom. In this way, the teachers play vital roles as mentor, tutor and counsellor in improving the learning outcome of the students.

b) Online courses:

In enhancing the teaching learning process, IQAC has been working on the feasibility of introduction of technology-assisted learning as an effective supplement to the conventional practices. On the advent of NPTEL and MOOC, ICT enabled learning gains momentum.The IQAC initiated the process of introducing Online Courses into the curriculum. Subsequently, in the Academic Council meeting held on 15.07.2018, a resolution was passed to award extra credits to the students who pass online courses offered by NPTEL and other UGC approved educational online portals and their grades to be included in the consolidated mark statement. This practice gives an opportunity to the advanced learners to highlight their higher learning outcomes.

To exercise the process, a staff member has been nominated as the Director, Online courses. A team, comprising of teachers, representing each department designated as staff coordinators assists the Director. The team guides the students in opting for the courses, facilitates registration and completion of online courses. An Orientation Programme was organized for all the students to create an awareness on online courses and to implement the same.

c) **Outcome:**

July – October 2018

- 224 students registered for open online courses and 196 passed the examination.
- 69 students have earned the Elite Certificates and two students Gold Certificates.
- 97 students have successfully completed the courses they opted for and earned extra credits.

January – April 2019

- 184 students registered for open online courses and 170 passed the examination
- 52 students have earned the Elite Certificates
- 10 students have got Gold Certificates and 30 students have received Silver Certificates
- 62 students have successfully completed their courses and have earned extra credits. Off these, seven students were declared as toppers of their respective courses

In addition to students, staff members of various departments have enrolled in various online courses and have successfully completed the respective courses.

In the year 2019, seven staff members have successfully completed various online courses. Three staff members have received the certificates with Elite Plus Gold, Elite Plus Silver and Elite categories.

Our college has become an Active Local Chapter in July – October 2018 and in January – April 2019. The performance of the students in NPTEL courses is a documentary evidence for the learning outcomes besides curricular-based outcome.

File Description	Document
Link for Additional Information	[View Document](#)

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

Response: 32.4

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
34	35	38	38	17

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	[View Document](#)
Any additional information	[View Document](#)
IQAC link	[View Document](#)

6.5.4 Quality assurance initiatives of the institution include

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements**
2. **Academic Administrative Audit (AAA) and initiation of follow up action**
3. **Participation in NIRF**
4. **ISO Certification**
5. **NBA or any other quality audit**

Response: Any 4 of the above

File Description	Document
e-copies of the accreditations and certifications	[View Document](#)
Details of Quality assurance initiatives of the institution	[View Document](#)
Annual reports of Institution	[View Document](#)

6.5.5 Incremental improvements made during the preceding five years *(in case of first cycle)* **Post accreditation quality initiatives** *(second and subsequent cycles)*

Response:

Post accreditation quality initiatives:

Quality in higher education is a continuous journey with multiple milestones to cross. It is an integration of academic, research and administrative domains. In the process of quality enhancement the suggestions and recommendations of the previous NAAC exit report were given due consideration.

Academic domain:

- To strengthen academic component in tune with the demand and developments, 11 new programmes have been introduced in the last five years.

- The curriculum is updated as and when required and the complete syllabus is revised once in three years.

- To match the National and Global competency, Outcome Based Education has been implemented.

Research domain:

- The number of teaching staff with Ph.D. degree and students receiving Ph.D. degree gradually increases every year.
- The numbers of research centres have increased from 8 in 2014 to 10 in 2019.
- To promote multi disciplinary research, National Centre of Excellence funded by MHRD was established.
- The number of minor and major research projects received by the faculty is comparatively better than earlier.
- Common Instrumentation Centre has been established and major equipments have been procured to promote research.
- Grants received from Nottingham Trent University, UK for collaborative research.

Administrative domain:

- All the teaching vacancies are filled.
- A Director for Self-financed courses has been appointed.
- A Physical Director (Woman) has been appointed to train and develop sports for girls.
- As proposed in the IQAC composition meeting, a full time training and placement officer has been appointed.
- The Office of COE has been shifted to a new building with upgraded infrastructural facilities.
- The nomenclature of Self financed teachers has been changed as Assistant Professors as per UGC
- The salary for self-financed teachers has been significantly revised.
- The total number of students has increased from 3000 in 2014 to 4627 in 2019.
- Facilities for Divyangjan have been provided.
- The Registered Alumni Association has 10521 life members.
- The college has adopted 5S principles and has been awarded 5S Certification for the period 2017 – 2019.
- An auditorium fully air conditioned with academic annexure has been constructed.
- Two common computer centres with 170 & 60 computers respectively have been established and the total number of computers has been increased from 250 to 515.
- The bandwidth is increased to 100 mbps.
- 50% of the Electricity requirement has been met through solar energy.
- A HT transformer with control room has been erected to meet the power requirement.

- A new ladies' rest room with provisions for Divyangjan has been constructed.

Academic, Research and Administrative excellence:

- NAAC has extended the validity period from 5 to 7 years.
- UGC has extended the autonomous status up to 2024.
- btained 44th rank in NIRF 2018 and 34th rank in NIRF 2019.
- The college has been selected as a mentor institution under PARAMARSH programme by UGC.

File Description	Document
Link for Additional Information	[View Document]()

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Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

Response: 39

7.1.1.1 Number of gender equity promotion programs organized by the institution year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
15	5	8	6	5

File Description	Document
Report of the event	[View Document](#)
List of gender equity promotion programs organized by the institution	[View Document](#)

7.1.2 Institution shows gender sensitivity in providing facilities such as
a) Safety and Security
b) Counselling
c) Common Room

Response:

The institution executes its best in thriving and sustaining gender ambience. A woman Physical Director is serving to support and promote sports among girls. Separate hostels for both boys and girls are located within the campus.

Safety and Security

- Security Service - The college is under 24 hours Vigilance by Security personnel with Ex-Service men as Security and Assistant Security Officers.
- Surveillance Camera - the college surveillance is interconnected with 40 cameras with monitoring facilities in Principal's Chamber and Security Officer's cabin.
- Light facility - The campus has adequate lighting facility with floodlights at important points. Also there is an inverter connectivity for minimum lighting on selected places even for corridors during power failure.
- Fire safety extinguishers are installed in all the buildings / floors / centres which are maintained under AMC.
- Food security – Hygienic steam cooked food is provided in the hostel.
- Safe water – Centralized RO plant provides safe drinking water.

- Electrical safety – maintained by qualified electricians.
- Lightning safety – Lighting protection is installed in the campus. In addition, surge arrestors / protectors / stabilizers are installed for the safety of computers and other electrical. Proper earthing with ground rods are available to avoid electric shock.
- Safety for Divyangjan - Wheel Chairs, Ramp and enough toilet facility are provided in all the blocks.
- First aid – First aid facility is available in NCC office and Hostel. Liaison has been made with nearby hospitals for emergency requirements.
- Suggestion boxes are placed in various places. The mobile numbers of the Principal, Dean (SW & CCA) Anti-ragging cell are displayed and grievances, if any, may be communicated. In addition to these, the Principal may be contacted through email also.
- Mosquito nuisance – in both boys and girls hostels the windows meshed with iron wire mesh and a mosquito repellent is given to all rooms. Apart from these, mass fumigation is done through Corporation during mosquito prevalent seasons.

b) Counselling

Initially counselling is provided during Mentor – mentee interaction in the departments. Mentor Tutorial and Counselling record is maintained to track the progress of the students. In addition to mentors, staff members practise a student friendly approach and the students have the liberty to interact with any staff member of their choice for personal as well as carrier counselling.

Programmes are conducted for group counselling by Women students' counselling centre. The staff of Department of Psychology are consulted on need basis. General counselling is given during the Parent – Teachers meeting. Issue based counselling is given by the respective committee members.

Special / specific counselling is also provided for the needy students through M.S. Chellamuthu Trust run by a leading Psychologist of the city.

c) Common Room

Separate common rooms are available with necessary facilities for both boys and girls. In addition to the common rooms, adequate toilets are attached to all floors, separately for staff and students. Sports and NCC boys are given separate room for changing uniforms.

File Description	Document
Link for Additional Information	[View Document](#)

7.1.3 Percentage of annual power requirement of the Institution met by the renewable energy sources

Response: 50.31

7.1.3.1 Annual power requirement met by renewable energy sources (in KWH)

Response: 161280

7.1.3.2 Total annual power requirement (in KWH)

Response: 320550

File Description	Document
Details of power requirement of the Institution met by renewable energy sources	<u>View Document</u>
Any additional information	<u>View Document</u>

7.1.4 Percentage of annual lighting power requirements met through LED bulbs

Response: 50.13

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

Response: 12695.04

7.1.4.2 Annual lighting power requirement (in KWH)

Response: 25323.26

File Description	Document
Details of lighting power requirements met through LED bulbs	<u>View Document</u>
Any additional information	<u>View Document</u>

7.1.5 Waste Management steps including:
- **Solid waste management**
- **Liquid waste management**
- **E-waste management**

Response:

Waste materials are mainly classified into solid and liquid wastes and further, solid and liquid wastes are categorized into a) decomposable and b) non-decomposable. The decomposable materials are classified into i) bio-degradable and ii) non-bio-degradable waste materials. Non-decomposable and non-bio degradable waste are disposed off the campus by corporation vehicles. Solid Bio-degradable wastes are used for producing vermicompost.

Solid waste management

Vermicomposting is a method of producing enriched compost from the plant and perishable organic debris using specific species of earthworms. Cow dung and chopped, dried leafy materials are mixed in the

proportion of 3:1 and are kept for partial decomposition for 15 – 20 days. Such materials are heaped up to 4-5 feet height by arranging the waste material and cowdung slurry alternately with the sprinkling of water, once in two days. 40 to 50 per cent moisture content is required to maintain the compost bed. It facilitates the prior composting process and the heat is liberated out in the decomposition process. Within 45-60 days we get vermicompost from the bio-degradable solid waste.

Liquid waste management

The college has a sewage treatment plant (STP) comprising collection chamber, aeration chamber and treated water outlet chamber. In addition to regular airation procedure, we adopt bio-remediation (Effective Micro-organisms (EM)) method in STP for grey water effluent recycling. Effective micro-organisms in the extended form, following fermentation is used as the bio-remediation way of grey water recycling. Water samples are collected at different treatment points of the STP, for quality analysis. Microbial population is analyzed using presumptive test and the colony growth is determined. Bacterial growth curve is analyzed for the survival potential of isolated bacterial organism in the water treatment environment. Multi-variate statistical analysis is performed to compare the water quality. Results obtained: A considerable reduction in the BOD, acidity, nitrogen level, moderation of acidic pH, close to neutral is found. Dendrogram analysis revealed a greater variability for conductivity of the water sample either with TDS and hardness, whereas the later two components showed similarity. The BOD, alkalinity, hardness and sulfate showed the strongest weightage, when compared to the other analyzed parameters, through Principal Component Analysis.

Conclusion: Microbial method of effluent recycling efficiently controls the physical, chemical and biological pollutants and contaminants from the domestic grey water. Staphylococcus aureus microbial population is removed completely, following the recycling process. Treated water is distributed to all parts of the college for gardening purpose.

A research scholar of the Department of Botany is appointed since 2016 with a salary of Rs. 3000/- per month, to supervise this bio- remediation process.

E-waste and other waste management

As per the disposable policy framed for 5S principles, the e-waste and other waste are disposed with the help of a Government certified contractor through auction. To reduce wastage the college follows buy – back method.

Disposal of instruments purchased from Govt. funding agencies, is periodically done keeping track with the UGC guidelines.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

7.1.6 Rain water harvesting structures and utilization in the campus

Response:

The college has well structured Rain Water Harvesting System since 2005 with a trapezoidal collection and storage tank of 300 cl capacity, 32 inter connected percolation pits, 11 unitary percolation pits. Off which 20 are to harvest terrace waters and 12 are for runoff water harvest.

During the academic year 2015 – 2016, service and maintenance of this system was meticulously done and methodically monitored. Four additional interconnected percolation pits were laid down of which three pits are located in the front elevation and the fourth one is set-up on one of the corners of the Play Ground. All these four pits were linked to the then already existing pits-points for rain water harvesting.

1. Storage and Recharge pond

A trapezoidal pond is devised to store 300cl of water in addition to the recharging ground water. The water naturally stored in the trapezoidal pond is used for cleaning and gardening on the campus. This is a better recharging system as it is reinforced with perforated injection pipelines in 3 areas in the pond.

The pond in an average stores 2000 cl liters of water annually. The water discharged on overfilling is diverted to a percolation pit laid near the bore well in the hostel which recharges the ground water supporting the bore well.

2. Recharge Pits

Recharge Pits are made and maintained for smaller areas. These pits are made for depth of 10 feet. These pits are automatically turned into filling media, when it rains either moderately or heavily. Gravel and 40mm stones are used for filling media.

3. Recharge Wells

There are 6 recharge wells which have been setup near the bore wells. A wider area is needed for these recharge wells which perform as recharging structures. The vast and widened area of recharging structure is made at least with 20-25 feet depth. This system is devoid of filling media. Since, The region receives 85-95 cm rainfall as the average level of rain, 1 acre can harvest 3000 cl. of water on an average annually. When rain water is stored in these recharge wells, the campus continually and continuously gets, with its 13 acres of land, totally 40,000 clliter of water annually.

The college has sufficient water from the existing resources, within the campus for the use of all the students, for both day scholars and hostellers. Our bore well water, on being periodically tested, ensures the presence of various essential parameters well within the limit.

File Description	Document
Link for Additional Information	View Document

7.1.7 Green Practices
- **Students, staff using**
a) **Bicycles**
b) **Public Transport**
c) **Pedestrian friendly roads**
- **Plastic-free campus**
- **Paperless office**
- **Green landscaping with trees and plants**

Response:

The college is well aware of the fact that Green Practice is Clean Practice. The institution has developed many strategies to adopt green practices

1. Eco friendly mode of transport:

A survey has been conducted to assess the usage of vehicles by staff and students of the college to determine the role of the college in minimizing the pollution especially air pollution.

The college has a total strength of 4627 students with 212 teaching and 98 non-teaching staff. Among these, 400 students stay with hostels. The survey indicates that only 15% of staff and students (put together) are using individual vehicles, 59% are using public transport and 26% of students are reaching college by completely non polluting means i.e., either by foot or bicycle.

2. Plastic free campus

Plastic is hazardous for both the environment and its inhabitants. The organizations such as NSS of the College sensitize the dangers of plastics and the importance of keeping the campus a plastic-free zone. Many Programmes are periodically conducted to make staff and students become aware that plastic materials are poisonous. In addition programmes are organized along with District Administration and the Corporation of Madurai. In connection to this, it has organized programmes.

3. Paper reduction and reuse

- To reduce the usage of papers, email, group SMS and WhatSap facilities are used whenever and wherever possible.
- Online registration and payment reduces the printing and usage of summative examination registration forms and challans
- As admission has been made online, no application is printed and communications such as selection in merit list and waiting list, admission details are sent by both SMS and email to the candidates. Selection of candidates, main and waiting list are posted in the college website.
- The Summative Examination results are published online thorough college website which avoid large sum of papers.
- Feedback from all stakeholders is received through online. Facilities are available for the students to register their grievances and complaints through online.
- The website of the college is periodically updated which provides all information to staff and students.
- The syllabus of all programmes and courses are found on the college website for ready reference of

students
- The library has been automated and paper usage has been reduced to a greater extent
- The papers with one side printing are reused with printing on the other side
- Summative examination paper covers are reused for conducting internal examinations

4. Green cover

The campus harbours 364 trees off which a few are rare species. The entire campus nurtures gardens of various dimensions established and maintained by students belonging to various Part V programmes. The campus is an asylum for many birds and bats. Any visitor entering the campus can enjoy the green ambience.

The maintenance of green and clean campus fetched the institution recognition from the local administration, the Corporation of Madurai, through "Swachh Award" for the past two consecutive years.

File Description	Document
Link for Additional Information	[View Document](#)

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

Response: 2.14

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year-wise during the last five years(INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
64.64	1.26	2.7	.47	.92

File Description	Document
Green audit report	[View Document](#)
Details of expenditure on green initiatives and waste management during the last five years	[View Document](#)

7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:

1. **Physical facilities**
2. **Provision for lift**
3. **Ramp / Rails**
4. **Braille Software/facilities**

5. Rest Rooms

6. Scribes for examination

7. Special skill development for differently abled students

8. Any other similar facility (Specify)

Response: A. 7 and more of the above

File Description	Document
Resources available in the institution for Divyangjan	[View Document]
link to photos and videos of facilities for Divyangjan	[View Document]

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years

Response: 1

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
1	0	0	0	0

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	[View Document]
Any additional information	[View Document]

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

Response: 18

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
4	4	4	3	3

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File Description	Document
Report of the event	[View Document](#)

7.1.12
Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff

Response: Yes

File Description	Document
URL to Handbook on code of conduct for students and teachers , manuals and brochures on human values and professional ethics	[View Document](#)

7.1.13 Display of core values in the institution and on its website

Response: Yes

File Description	Document
Provide URL of website that displays core values	[View Document](#)

7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations

Response: Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	[View Document](#)
Any additional information	[View Document](#)

7.1.15 The institution offers a course on Human Values and professional ethics

Response: Yes

File Description	Document
Any additional information	[View Document](#)
Provide link to Courses on Human Values and professional ethics on Institutional website	[View Document](#)

7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions

Response: Yes

File Description	Document
Any additional information	<u>View Document</u>
Provide URL of supporting documents to prove institution functions as per professional code	<u>View Document</u>

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years

Response: 50

7.1.17.1 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
22	8	9	7	4

File Description	Document
List of activities conducted for promotion of universal values	<u>View Document</u>
Any additional information	<u>View Document</u>

7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities

Response:

Pongal Celebrations (Makar Sankranti day)

Pongal celebration (harvest festival) is the tribute to Sun God that falls on January 15. The students with the guidance of teachers cook sweet pongal wearing dhothi and sarees exhibiting the culture and tradition.

AyuthaPooja (Navathri Celebrations)

All departments, library, hostel will celebrate Ayuthapooja, a part of Navarathri celebrations, comparable to Durga Pooja of Calcutta. NSS volunteers involve in crowd control at Meenakhsi Temple during this grand celebrations.

Bakrit

The NSS Unit of the college celebrates Bakrid by providing clothes to the underprivileged in the mosques..

Celebrated Birth/Death Anniversaries of the great Indian Personalities

National Youth Day:

The 12th January, Swami Vivekananda's Birthday, is commemorated as National Youth Day. The day is celebrated every year by adorning the statue of Swami Vivekananda with garland and flowers. Events like invited speech, lectures by students, cultural programmes to recall the life and message of Vivekananda are conducted.

Netaji Birthday:

Events are organized to recognize the patriotism of Netaji Subash Chandra Bose on 23rd January. Video clippings are displayed to portray his significant contributions towards India's Independence.

Founder's day

To recall the yeoman service of the founder, KarumuttuThiagarajaran Chettiar, Founders Day (29 July) is observed every year for two days with an Endowment lecture organized on behalf of Madurai Kamaraj University and a blood donation camp is also organized.

Teacher's day

On every 5th September Dr. Radhakrishnan Birthday is observed as Teacher's day. The students organize this event. Students of various departments organize events at their respective departments to mark the significance of teachers.

Bharathiar Memorial day

Bhrathi is a great patriotic Tamil poet who evoked the spirit of Patriotism. He is a staunch follower of Sister Nivedita, the disciple of Swami Vivekananda. His demise on 11th September (1921) is aregularly observed to imbibe patriotism among the students.

Universal Brotherhood day:

Celebrate in remberence of Swamy Vivekanda's lecture at Chicago in the Parliment of Relegions on 11th September 1893.

Dr. APJ Kalam Memorial Lecture:

In memory of our Former President and Scientist, Dr. A.P.J. Abdul Kalam, a series of lectures is organized

since his sudden demise as Memorial Lecture by inviting speakers.

Gandhi Jeynathi & Martyr's day:

To remember the Father of our Nation, events are organized on 2nd October and 30th January in the college. Students participate in the events at Gandhi Memorial Museum on these days.

Srinivasa Ramanujam Birthday:

Every year on the birthday, December 22 (1887) of the great Mathematician of the country, Sri Srinivasa Ramanujam, the Department of Mathematics, remember him and his works by way of organizing invited lecture to motivate the students

150th Birth anniversary of General Maneksha:

To mark the 150th Birth anniversary of the first Field Marshal, a portrait was unfurled and meeting was organized to recognize his service in Indian Army

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions

Response:

a) Financial

The college adheres to the regulations of CSIR, DBT, SERO, UGC, MHRD, TNSCHE, Govt. of Tamil Nadu and Govt. of India on financial matters. It has settled all the accounts with the funding agencies. All the procedures on financial matters are approved by the respective committees and also subjected to all levels of auditing - Internal, External, Income tax and GST.

The following procedures are carried out during purchases and payments:

- Budget approval from the concerned body: Management / Govt.
- Formation of various committees: Finance committee, Chemical purchase committee, Glassware purchase committee, etc.
- Getting quotations from companies, Preparation of comparative statement, Negotiation and getting approval, Placing PO with terms and conditions.
- Receipt of materials and goods, Payment through PFMS portal / NEFT / RTGS, Monthly internal audit, Local Fund Audit from Tamil Nadu Govt., Income Tax Audit and GST Audit.

b) Academic

The college maintains transparency in all its academic activities through periodical meetings of the following bodies:

College Council, Academic Council, IQAC meetings, Meetings of Board of Studies, Meetings of Heads of

the Department, Students Council, Attendance Monitoring Committee, Awards Committee, Anti Ragging Committee and Internal Compliance Committee.

Students' representation in these committees helps the college maintain transparency in the academic activities of all the stockholders.

Provisions to get photo copies of the answer papers, revaluation of the answer scripts enhance transparency in the awarding procedure.

c) Administrative

Transparency is strictly followed by adopting decentralization and participatory approach as given in the organogram of the college.

Appointments

Both teaching and non-teaching staff are appointed by the systematic procedure:

- Advertisements in two news papers mentioning all details.
- Getting list from the employment office.
- Formation of Selection Committee.
- Conduct of Interviews.
- Announcement of selection of candidates immediately after the interview.
- Issuing the appointment order and getting approval for the same.

Students admission

Students are given admission as per the rules and regulations of Madurai Kamaraj University and Govt. of Tamil Nadu. The selection list and waiting list of the students for all the Programmes are uploaded on the college website and displayed on the college notice board for transparency during admission. Admission was completely done online for the academic year 2019 – 2020.

Purchases

All the purchases made are based on the recommendations of the respective committees and approval of the management. Payment is made through online and corresponding portals.

The College Committee, College Council, HODs meetings are periodically conducted and the pertaining resolutions are accordingly implemented.

Increments / Incentives

Every year, incentives and increments are given to the staff working in the self-financed stream based on the cumulative annual appraisal of their performance.

d) Auxiliary functions

Selection of students for the sports team is conducted through rigorous selection procedure in a transparent

manner. Representatives of students in various committees from both the men's and women's hostel assist in maintaining transparency in purchases and preparation of menus. Price list displayed at the canteen and Xerox centre is quoted on prior approval only.

7.2 Best Practices

7.2.1 Describe at least two institutional best practices (as per NAAC Format)

Response:

BEST PRACTICE – I

1. Title of the Practice

Promotion and dissemination of knowledge on multidisciplinary research

2. Objectives of the Practice

- To inculcate multidisciplinary research among teachers, scholars and students.
- To create an ambience and interpersonal research relationship among staff members for knowledge acquisition and benefit sharing.
- To encourage staff members to apply for joint projects of national and international importance.
- To elevate the institutional research centres to National level research centres.

3. The Context

The trend in research now has become multidimensional viewing research problems in different angles. A single research issue will have answers from different fields of research and so involvement of two or more researchers / laboratories has become common across the world. For instance, global issues like climate change and its consequence on man and biosphere are need to be addressed by scientists working on different fields. Hence, to attain global competency in research, promotion of multidimensional research is essential.

4. The Practice

One such research area being practised is, addressing biological issues using mathematical modeling. The team of researchers from Mathematics, Botany and Zoology identified coral degradation by invasive algae in Gulf of Mannar region as a research problem. Through CSIR funding the field biological data was collected and analysed mathematically to assess the impact. The team then worked on honey bee collapse by paper cups.

The outcome encouraged to apply for funding to establish centre for research in the field of Mathematical Biology.

5. Evidence of Success

In 2014 – 15, MHRD, GOI, selected our college to establish National Centre of Excellence in Statistical and Mathematical Modelling on Bioreseource Management under FAST (Frontier Areas in Science and Technology) Scheme

- An MoU was signed between MHRD and Thiagarajar College for establishing the NCoE with an initial funding of Rs. 1 Crore
- The centre was recognized as a multidisciplinary research centre by Madurai Kamaraj University and has received an additional grant of Rs. 1 Crore by MHRD for furthering its activities
- In continuation, Departments of Mathematics, Physics, Botany, Zoology, Microbiology and Biotechnology joined organized National / International Seminars / Conferences
- Workshops / training programmes / Winter Schools were organized jointly by Departments of Mathematics, Physics, Botany, Zoology, Microbiology and Biotechnology
- Students from different disciplines viz., Tamil, Economics, Commerce, Mathematics, Physics, Chemistry, Botany, Zoology, Microbiology, Biotechnology of our college and other colleges have participated in the programmes.
- Department of Botany and Zoology are offering Interdisciplinary papers for the students of PG Zoology and Botany respectively
- Researchers of Department of Mathematics & Biology, Chemistry & Microbiology, Botany & Zoology are carrying out research addressing interdisciplinary research problems which is evidenced by publications

6. Problems Encountered and Resources Required

Further, grant is required in furtherance of the research related activities to serve the society applying both academic and research based results.

7. Note:

To sensitize the necessity and importance of multidisciplinary research HEIs may have to design strategic plan.

BEST PRACTICE – II

1. Title of the Practice

Capacity enhancement on Academic, Research, Entrepreneurial and Employable skills utilizing alumni expertize

2. Objectives of the Practice

- To improve understanding on the real applications of the curriculum.
- To promote research culture and to register for post doctorate fellow in National institutes and abroad.
- To know the opportunities, challenges, source of financial support for Entrepreneurship and to become a successful Entrepreneur.
- To inculcate and enhance skills for employability.

3. The Context

The institution has a well structured curriculum and teaching learning methodology to provide a detailed knowledge in their respective discipline. However, students experience some sort of hesitation in moving to other states and abroad to pursue their doctoral / post doctoral programmes, even though the teachers and mentors prepare them. Similarly, they waver to enter into entrepreneurial sector.

At this juncture, to promote the research culture among the students and overcome their inhibition to move to eminence institutions in India and abroad, alumni, with their expertise and experience, serve as ambassadors. In addition, alumni engaged in business light the path.

4. The Practice

Alumni expertises in their field are invited to interact with the students, as resource persons in seminars, conferences and workshops, deliver guest lectures and explore the opportunities and spin a web of contact to provide a path to sail.

The alumni who are positioned in National and International Research institutes elsewhere helped in developing a linkage between the host institution and the parent institution. They provide the information on the availability of research positions in their institutions / institutions in their contact and train the students and assist the deserved candidates to take up the position.

The alumni are instrumental in signing MoUs so as to promote research collaborations which pave way for getting internships / student exchange opportunity for the students. The alumni occupying higher position in international institutes are instrumental in getting funds for conducting collaborative seminars and workshops.

The alumni readily accept our invitation to serve as resource persons in National and International Conferences / Seminars, delivers invited lectures.

The alumni performing business / running research laboratories / institutes provide internship and placement opportunities to the deserved candidates

5. Evidence of Success

- Since 2014, 6 of the alumni obtained their doctoral degree, 2completed PDF, 10 are doing Ph.D, 5 are doing PDF and 2 students have completed Internship at NTU, Taiwan.
- MoUsinstrumented by our alumni with
    - National Taipe University, Algappa University, ICWA, Yaazh Xenomics, Coimbatore,
- Through the linkages with the National institutes 5 students of PG Chemistry have completed their internship at Hyderabad.
- The Department of Chemistry has organized eleven Alumni Lectures in a series.
- Receipt of funds for conducting International Conference and collaborative research from Nottingham Trent University, UK
- Recruitment of our students in Yaazh Xenomics Coimbatore, Clientlinx Pvt. Ltd., Chennai, Mastermind Software Consultancies, Chennai, Dzire Consultancy Pvt. Ltd., Madurai, Mahathma Group of Schools, Madurai and Guhan Matriculation School

The college has organized 12 programmes in 2014 - 2015, 7 programmes in 2015 – 2016, 22 programmes in 2016 – 2017, 20 programmes in 2017 – 2018 and   26 programmes in 2018 – 2019 utilizing the expertise

of alumni.

6. Problems Encountered and Resources Required

Lack of data to know the whereabouts of old alumni. Hardship in planning their programme in accordance with the academic calendar.

7. Notes

Identification of alumni and using their potential as per their wish will benefit the institute in a larger extent. To strengthen alumni network in addition to the trust a separate cell has to function like regular office under the trust with separate vision, mission and strategic plans. We do believe in more contribution from alumni through non financial means compared to financial means.

File Description	Document
Link for Additional Information	View Document

7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Response:

The area distinctive to the vision of the college is to provide affordable quality higher education.

In the process of attaining the vision, short term and long term strategic plans have been drawn. Emphasize is being given to initiate various quality measures such as augmentation of infrastructure, quality of teaching staff, increase in need based new programmes, quality certification, interaction with other institutions, placement and emerge as an institute of excellence on bar with eminent institutions.

To provide an affordable quality higher education to all at all times is the functioning strength, formulating morale and formatting spirit of the college. In order to achieve these things, the institution follows a stead fast principle of collecting affordable fee for aided stream and self-financed stream students. This practice is in vogue since the inception of the college. The institution stringently follows the regulations of the government regulations on reservation policy and merit in admission. No capitation fee is collected in both aided and self-financed stream. The management seats and vacant position of the seats are being filled up with due consideration to be in compliance with the roaster system even for the self-financing courses.

Quality standards prescribed by the UGC are strictly adhered in appointing teaching staff members and Career Advance Scheme is followed in promotion of Assistant Professors with the committee constituted as per the guidelines of Directorate of Collegiate Education and maintain the student – teacher ratio as 21:1.

As an appreciation of maintaining fairness in the administration by the management, the Govt. of Tamil Nadu honoured the President of the College with a befitting award "Perunthalaivar Kamarajar Award" on 18.01.2015 with a citation which reads "Mr. T. Kannan is managing educational institutions, industries, temples and other organizations for more than 3 decades giving preference to socially and economically backward people which not only benefit the poor and adds fame to the Govt. In particular in all educational institutions, the management strictly follows transparency in admissions and appointments and is not receiving donations, capitation. For admissions and appointments only merit stands".

Considering the willingness of students in pursuing higher education in this institution, programmes are introduced under self financed stream with nominal fee. Therefore, new programmesare being introduced based on the trends. B.Com Professional Accounting,
B.Sc., Mathematics, B.Sc. Microbiology, B.Sc. Psychology, M.Phil Management, M.Sc. Biotechnology and Ph.D (NCoE) were introduced during 2015-2016. B.Sc. Chemistry, B.A. Tamil and M.Sc. Mathematics were introduced during 2017–2018. B.Com. Computer Applications and B.Sc. Physics were introduced during 2018 – 2019 and B.Com Honors has been introduced in 2019 – 2020 under the self-financed stream.

The research cell, with well-defined research policy, motivates teachers and students to pursue research by way of providing facilities and incentives. 85% of teachers in aided stream and 45% of teachers in un aided stream are doctorates. There are 67 research guides and 102 scholars are pursuing doctoral programmes. In the way of promotion of research, the college houses 10 recognized research centres and a common instrumentation centre with active research evidenced by publications and operation of major and minor research projects.

Quality education is complemented with an ever-enhanced infrastructure. The college constantly augments its infrastructure, catering to the needs of all levels of academic programmes. The infrastructure is upgraded with palatial buildings of architectural excellence along with class rooms, lab facilities, books in the library, sports gadgets, auditoriums and green initiatives. Being a co-educational institution, the infrastructure caters to the needs of both male and female students simultaneously, ensuring a gender-friendly ambiance. There are separate hostels for men and women students and provide them a home away from home. During the last five years, the Management has spent Rs. 891.73 lac. Rs.158.25 lac in providing academic and physical facilities respectively. The central library has been upgraded at a total cost of Rs. 50 lac. The Internet bandwidth has been increased to 100 mbps to provide network connectivity to all students and staff of the college.

The fruition of quality education is career readiness and a lucrative placement. This cell offers pre-campus training, conducts on-campus placement drives and effectively bridges the gap between the demands of the industries and our skilled students. Every year, the number of students getting placed through on and off campus interviews increases with a reasonable median salary.

Socially backward students are facilitated with backward class, scheduled caste and scheduled tribe scholarships from the state government. Economically backward students are helped to get scholarships from Sitaram Jindal Foundation, Murugappan Chettiar Foundation etc. Since 2017, the Management has been sanctioning scholarship to the tune of Rs. 5 lac every year to the deserving students.

Women empowerment is one of the quality education elements of the college. Of the total 4627students, 2602 female students vouchsafe the unstinted support of the college in empowering women. Of the 212 faculty members, 114 female faculty stand as a testimony for the respect the college bears for the

brilliance of femininity.

Students and teachers are encouraged to register for online courses offered by NPTEL and the college is one of the active centres. In addition to teaching and research, the college grooms its students with societal responsibility. The student's active participation programmes such as Swatch Bharth has gained them a place in Unnat Bharat Abhiyan. The college also obtained 5S certification in maintaining cleanliness. Besides value based teaching, the institute also inculcates values by practice. In our journey towards excellence, the college has been ranked 44th by NIRF in 2018 and 34th in 2019.

The college is intent on the holistic development of the students and hence, the objectives are to chisel them into fine, responsible, uncorrupted citizens, imbued with virtues like universal brotherhood, forbearance and train them "to strive, to seek, to find and never to yield."

File Description	Document
Link for Additional Information	[View Document](#)

5. CONCLUSION

Additional Information :

The college was founded by Kalaithanthai Thiagarajan Chettiar who was an educationist, industrialist and philanthropist and had association with national leaders Mahatma Gandhiji, Netaji Subash Chandra Bose, Pandit Jawaharlal Nehru, etc. It is managed by the non-profit trust "Kalaithanthai Thiagarajan Chettiar Memorial charitable Trust" to uplift the poor and the underprivileged. Now it is headed by Karumuttu T Kannan, the President, who is also an educationist, industrialist and philanthropist. The President of the College has occupied many responsibilities in academic bodies, high level committees formed by the State and the Central Governments. Further he has "Best Leader" award from the Governor of Tamilnadu.

The college has produced notable alumni to name a few: Justice AR. Lakshmanan, former Supreme Court Judge, Dr.Namperumalsamy, Director Aravind Eye Hospitals, Madurai and Mr.Kalyanasundaranar, Founder Palam Trust.

State Level Students' Seminar

All the departments of the college have been organizing State Level Students'Seminar since 2007 i.e. one in each semester to help the local student community. During the last five years, the college has organized 120 State Level Students' Seminars in which academic peers (students) are presented papers.

Sublime Development through SaivaSiddhanta

On understanding essence of "**Saiva Siddhanta**", the College has been organizing ten-day totally free residential programme for the past fifteen years at free of cost. Apart from Tamil Nadu, people from Malaysia, Singapore and Sri Lanka are benefited by it. This programme is organized in two categories namely General and Special. Both Hymns and Vedas are taught by means of Special Lectures and Classes respectively.

Vedic Text	Hymns
First Thirumurai	Thiruvunthiyar
Second Thirumurai	Thirukalitruppadiyar
Third Thirumurai	Sivagnanabodam
Fourth Thirumurai	Sivagnasidhthiyar
Fifth Thirumurai	EirubaEirupadu
Sixth Thirumurai	UnmaiVilakam
Seventh Thirumurai	Sivaprakasam
Eighth Thirumurai	Thiruvarutpayan

NinethThirumurai	Vinavenba
Tenth Thirumurai	Potriyatrodai
Eleventh Thirumurai	UnmaiNeriVilakam
Twelfth Thirumurai	Kodikavi
	NenjuviduThudu
	SangarpaNirakaranam

In the above mentioned Hymns and Vedic texts, by illustrating the three facts namely 1. God, 2.Spirit (Living things) and 3. Bonds, the participants are streamlined in quest of spirituality.

Concluding Remarks :

During the 71 years of existence, the college has transformed rural population into educationalists, entrepreneurs, politicians, administrators, social servants and spirited, skilled, globally competent youth, which will be everlasting

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
1.3.2	Number of value-added courses imparting transferable and life skills offered during the last five years 1.3.2.1. Number of value-added courses are added within the last five years Answer before DVV Verification : 72 Answer after DVV Verification: 32 Remark : HEI has repeated the courses and has slightly renamed to show a different course. Such move from the institution cannot be entertained. Revised considering the unique courses that add value and helping the students in getting placed.
1.3.3	Average percentage of students enrolled in the courses under 1.3.2 above 1.3.3.1. Number of students enrolled in value-added courses imparting transferable and life skills offered year-wise during the last five years Answer before DVV Verification:<table><tr><td>2018-19</td><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td></tr><tr><td>4287</td><td>4203</td><td>3949</td><td>2457</td><td>1490</td></tr></table> Answer After DVV Verification :<table><tr><td>2018-19</td><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td></tr><tr><td>797</td><td>839</td><td>686</td><td>706</td><td>660</td></tr></table> Remark : So many students strength cannot be possible for enrollment in the value-added courses. Revised with respect to the no. of value-added courses taken in 1.3.2
1.3.4	Percentage of students undertaking field projects / internships 1.3.4.1. Number of students undertaking field projects or internships Answer before DVV Verification : 2419 Answer after DVV Verification: 249 Remark : The letters provided in support of evidence are proposals for field visits and not reports of completed field visit. Revised considering some of the certificates attached of internships/project works.
1.4.2	Feedback processes of the institution may be classified as follows: Answer before DVV Verification : A. Feedback collected, analysed and action taken and feedback available on website Answer After DVV Verification: A. Feedback collected, analysed and action taken and feedback available on website

2.2.3	Percentage of differently abled students (Divyangjan) on rolls
	2.2.3.1. Number of differently abled students on rolls Answer before DVV Verification : 32 Answer after DVV Verification: 44
2.4.4	Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years
	2.4.4.1. Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
11	11	5	4	3

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
1	4	1	2	2

Remark : Revised not considering employment, visiting, completion certificates, attending conference, reviewing, fellowships, selection for appreciation etc etc. Best teacher award by local organisations cannot be considered.

3.3.3	Number of awards for innovation won by institution/ teachers/ research scholars/students during the last five years

3.3.3.1. Total number of awards for innovation won by institution/teachers/research scholars/students year-wise during the last five years
Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
49	20	4	13	19

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
2	0	0	0	0

Remark : The Metric is purely on innovation awards. NCC certificates, Merit scholarships, fellowships, and other kind of appreciation, recognition are not considered

3.5.2	Revenue generated from consultancy during the last five years

3.5.2.1. Total amount generated from consultancy year-wise during the last five years (INR in Lakhs)

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
0.77	0.36	0.68	0	0.08

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
0.82	0.31	0.68	0	0.08

3.5.3	Revenue generated from corporate training by the institution during the last five years

3.5.3.1. Total amount generated from corporate training by the institution year-wise during the last five years (INR in Lakhs)

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
1.15	0.56	0.3	0	1.22

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

Remark : No supporting documents for the revenue generated from corporate training.

3.6.2	Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

3.6.2.1. Total number of awards and recognition received for extension activities from Government /recognised bodies year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
17	10	6	4	0

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
5	5	5	3	0

3.7.2	Number of linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the last five years

3.7.2.1. Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

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Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
355	248	250	253	186

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
27	12	11	7	12

Remark : Summer internship or project completion certificate is not linkage.

7.1.1	Number of gender equity promotion programs organized by the institution during the last five years

7.1.1.1. Number of gender equity promotion programs organized by the institution year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
20	11	10	9	10

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
15	5	8	6	5

7.1.10	Number of Specific initiatives to address locational advantages and disadvantages during the last five years 7.1.10.1. Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
28	28	30	25	24

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
1	0	0	0	0

Remark : The initiatives listed are all workshops seminars conducted for students within the college and there is no outcome / result out of the intiative for local advantages of disadvantages

7.1.11	Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

7.1.11.1. Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
23	23	16	26	23

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
4	4	4	3	3

Remark : Revised as per relevance to the Metric

7.1.16	The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions Answer before DVV Verification : Yes Answer After DVV Verification: Yes

2.Extended Profile Deviations

ID	Extended Questions
1.3	Number of students appeared in the examination conducted by the Institution, year-wise during the last five years Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
8926	8678	8351	7826	6990

Answer After DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
4409	4331	4082	3855	3465