Annual Quality Assurance Report 2018-2019 (AQAR) (IQAC)
The M.D.T. Hindu College, Pettai, Tirunelveli – 627 010.

(for the period June1,2018 to May31, 2019)

Part – A

Data of the Institution

(data may be captured from IIQA)

1. Name of the Institution : The Madurai Diraviyam Thayumanavar

   Hindu College

- Name of the Head of the Institution : Dr. A. SUBRAMANIAN

- Designation : PRINCIPAL

- Does the Institution function from
   Own campus : Yes

- Phone no/Alternate phone no. : 0462-2342914

- Mobile no. : 9443869494

- Registered e-mail : mdthinducollege@gmail.com

- Alternate e-mail : mdtiqac@gmail.com

- Address : Thirupanikarisalkulam Road, Pettai

- City/Town : Tirunelveli

- State/UT : Tamilnadu

- Pin Code : 627 010

- Affiliated /Constituent : Affiliated

- Type of Institution
   Co-education/Men/Women : Co- Education

- Location Rural/Semi-urban/Urban : Urban

- Financial Status : State

- Name of the Affiliating University : Manonmaniam Sundaranar
  University

- Name of the IQAC Co-ordinator : Dr. K. BALASUBRAMANIAN

- Phone no. : 9942888801

- Alternate phone no. : 0462-2342914

- Mobile : 9942888801

- IQAC e-mail address : mdtiqac@gmail.com

- Alternate e-mail address : mdthinducollege @gmail.com

3. Website address:

Web-link of the AQAR : http://mdthinducollege.org/AQAR_2017-2018.pdf

4. Whether Academic Calendar prepared during the year? : Yes

   If yes, whether it is uploaded in the Institutional website:

 Weblink : http://mdthinducollege.org/iqac/201819/handbook_AcademicYear_2018-2019.pdf

 5. Accreditation Details:

Cycle	Grade	CGPA	Year of Accreditation	Validity Period From-To	
1st	B++	80.05	2005	May 20, 2005	May 19, 2010
2nd	B	2.56	2011	Nov 30, 2011	Nov 29, 2016
3rd	B+	2.73	2018	Sep 26, 2018	Sep 25, 2023

6. Date of Establishment of IQAC : July 6, 2005

7. Internal Quality Assurance System

Item /Title of the quality initiative by IQAC	Date & Duration	Participants	Beneficiaries
Steering Committee Meeting-I	10/08/2018		12
Steering Committee Meeting-II	24/01/2019		16
Sub Committee Meeting - I	24/01/2019		10
Meeting for the Members - Incharge of Unaided Departments	24/01/2019		11
Sub Committee Meeting -II	01/02/2019		11
Meeting for Criterian -Wise Committee Members – I	01/02/2019		24
Meeting for Co Curricular - Extra Cuuricular Coordinators	07/02/2019		11
Meeting for Criterian -Wise Committee Members – II	12/02/2019		12
Meeting for HOD's (Science Stream)	13/02/2019		11
Women's Grievance Redressal Cell	14/02/2019		13
Meeting with Economic Department Staff Memberes	21/02/2019		14
Sub Committee Meeting III	21/02/2019		12
HOD's Meeting	28/02/2019		13
Meeting with Placement Cell Coordinator	08/03/2019		4
Sub Committee Meeting- IV	20/03/2019		12
Meeting for the Convener and Members of Criterion I Committee	11/04/2019		5
Steering Committee Meeting-III	25/04/2019		16

8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC*etc.*

Institution/ Department/Faculty	Scheme	Funding agency	Year of award With duration	Amount (Rs)
Dr. T. Vela Department of Physics	FDP	UGC	2018-2019	1,30,645
Dr. Veerapathiran Department of Chemistry	FDP	UGC	2018-2019	1,30,645
Dr. T. Muthulakshmi Department of Commerce	MRP	UGC	2018-2019	30,000
Mr. A. K. Kumaresh Department of Computer Science	MRP	UGC	2018-2019	14,000
M. Dhanalakshmi, Research Scholar in Mathematics	Stipend to Fulltime Ph.d Scholar Scheme	Director of Collegiate Education, Chennai	2018-2019	36,000
K. Tamilarasi, Research Scholar in Economics	Stipend to Fulltime Ph.d Scholar Scheme	Director of Collegiate Education, Chennai	2018-2019	60,000
R.Sukanya, Research Scholar in Commerce	Stipend to Fulltime Ph.d Scholar Scheme	Director of Collegiate Education, Chennai	2018-2019	60,000
Total				4,61,290

9. Whether composition of IQAC as per latest NAAC guidelines: Yes

10. No. of IQAC meetings held during the year   :   3

   The minutes of IQAC meetings and compliance to the decisions have been uploaded on
      the institutional website   :   Yes
       (Minutes of meetings and action taken report)

11. Whether IQAC received funding from any of the funding agency to support its

   activities during the year?   :   No

12. Significant contributions made by IQAC during the current year

   * Competitions &Celebrations of National Science Day

   *Celebrations of International Women's Day

   *Introduction of SWAYAM MOOCs Programme

   *Organized Two day Awareness programme for Students on causes, effects, solutions for

      Drug addiction

* Enabled Indian Passports to 113 learners

*Online Student Satisfaction Survey

13. Plan of action chalked out by IQAC in the beginning of the Academic year towards

Quality Enhancement and the outcome achieved by the end of the Academic year

Plans of Action	Achievements/Outcomes
1. To introduce students – mentoring system	Students- Mentoring was introduced on 18.2.2019. Parent of each Mentee met the Mentor to discuss the academic improvement of the Mentee. Suggestions were entered in the Student Improvement Scheme (SIS) book (Mentor- Mentee book)
2. To conduct remedial classes for academically disadvantaged students.	Remedial classes were conducted from January 2019 for the academically disadvantaged students after the publication of the odd semester (Nov 2018) result.
3. To motivate the students to join MOOCs in SWAYAM portal.	Conducted an introductory meeting about the SWAYAM MOOCs for the PG students on 7.2.2019& 8.2.2019
4. To collect feedback from various stakeholders	Feedback forms were collected from various stakeholders (Students, Teachers, Employers, Alumni, Parents)
5. To conduct many Faculty Development programmes .	Faculty Development programmes were conducted: e- Learning Resources &NPTEL - 8.2.2019 H-index / citation programme 5.4.2019
6. To organize various awareness programmes for students.	State level awareness programme on Causes/Effects/Solutions for Drug Addiction sponsored by National Institute of Social Defence Ministry of Social Justice and Empowerment, Government of India, New Delhi on 14.3.2019 & 15.3.209
7. To introduce Students Satisfaction Survey (SSS)	Student Satisfaction Survey (SSS) was taken for UG & PG final year students.

14. Whether the AQAR was placed before statutory body?   : Yes

      Name of the statutory body   : IQAC Steering Committee

      Date of meeting(s)   : September 19, 2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to

  Assess the functioning?   : Yes

           Date   : 23, 24 August 2018

16. Whether institutional data submitted to AISHE   : Yes

Year   : 2019

Date of Submission   : 28.2.2019

17. Does the Institution have Management Information System? : Yes

If yes, give a brief description and a list of modules currently operational.

A management representative regularly visits the college, after the publication of
Semester results, to analyze the results that promotes the concentration of the staff. The management is
towards the positive development of the college. The members visit the campus whenever there is need.

The management conducts regular meetings with the Principal/ IQAC Coordinator and
Office Superintendent. The activities of the college are communicated to the management by them. In case
of expenses, consent is received from the management and the activities are carried out flawlessly. In case
of grievances, proper solutions are received.

There are two teacher-representatives in the management body, apart from the Principal.
They too take part in the management meetings. The minutes are maintained by the Educational society.

The customized Enterprise Resource Planning (ERP) is under process in which any data
related to any student will be available. The system was designed by the college web development team.

1. Website (provide links) with periodical updation
2. Staff Profile with documents
3. Students Profile

CRITERION I – CURRICULAR ASPECTS
1.1 Curriculum Planning and Implementation
1.1.1 Institution has the mechanism for well-planned curriculum delivery and documentation.
At the end of every semester department meetings are held to allot the subject to staff members and to fix the timetable for the forthcoming semester. The timetable with six day orders is submitted to the Principal by the respective Heads at the end of every semester itself for the perfect start of classes from the first day itself. Minutes of the meetings are also maintained in the departments. Timetable committee consists of six teaching staff and one non-teaching staff is there to fix the hours for common subjects like Part I, Part II and Non-Major electives.   Calendar committee consists of five staff members and one non-teaching staff is there to prepare handbooks with rules, regulations, staff details, scholarship details and working days with day orders.   During vacation the college hand book is prepared by the members of Calendar committee and is distributed to both staff and students at the beginning of every semester. Classes are held according to the day order and time table.   Bridge Course is conducted for the first year students at the beginning of every year, to prepare students to meet the college environment and requirements. In the academic year 2018-19, first two days were allotted for the Bridge Course. Behavioral practice in co- education institution, semester pattern, Choice Based Credit System, extra/ co-curricular activities, scholarship details, foundation of basic communication, important topics and basic concepts of the respective programmes were covered.   As per the affiliating university three internal tests are mandatory every semester with the interval of 30 days each. (90 working days per semester). So, for the purpose of systematic teaching / a proper work plan is prepared by every department and the work is done as per the plan. The details are

documented. Marks with attendance are entered to the university portal within the stipulated time. For periodic assessment, students are trained to answer university questions in class tests.

Necessary text and reference books are available in the central library and some in department library for smooth handling of classes. For some subjects simplified notes are prepared by staff and distributed to the students.

Even though Chalk and Talk is a regular curriculum delivery method adopted, there is a gradual shift to the new modes of teaching. Use of LCD projectors, online materials, seminars and presentation by students are also adopted for effective teaching. In all final year classes LCD projectors are available.

1.1.2 Certificate/ Diploma Courses introduced during the Academic year

Name of the Certificate Course	Name of the Diploma Courses	Date of Introduction and Duration	Focus on Employability/ Entrepreneurship	Skill development
Spoken English	-	Two months 27.02.2019	Focus on Employability	To boost up personal and professional setting
Beautician Course	-	Three months 13.12.2018	Focus on both Entrepreneurship and Employability	Able to practice as a beautician in beauty parlour to run their own beauty parlour
Gandhian Thoughts	-			Guidance in building their own future through two pillars of Gandhian truth and non-violence
Progressive Thoughts	-			To experience real-world situations and ability to work independently
Aari work	-	Three months 26.12.2018	Focus on both Entrepreneurship and Employability	To create a sparkling effect on the garments
Jute making (manufacturing)	-	One month 27.02.2019	Focus on both Entrepreneurship and Employability	To promote export design of items from natural source
Flower Arrangement	-	One week 23.01.19-31.1.19	Focus on both Entrepreneurship and Employability	To provide basic skills needed to begin floral design and bouquet making

1.2 Academic Flexibility		
1.2.1 New programmes/courses introduced during the Academic year		
Programme with Code	**Date of Introduction**	**Course with Code**
B.Sc (Computer Science) 1506	2018-2019	Information Security SMCS42 Programming with PHP and MYSQL SSCSW3A Dot net technologies JMCS53 Android programming SSCS4A Dot net practical JMCSP4
B.C.A 1401	2018-2019	Introduction to Internet with HTML SMCA33 Programming with PHP and MYSQL SSCA3A Accounting Software – Tally SACS41 Tally Lab SACAP4 Microprocessor SSCA4A
B.A (English) 1105	2018-2019	History of English Literature I SMEN31 British Poetry SMEN32 Caribbean Literature SAEN31 Phonetics SSEN3A History of English Literature II SMEN41 British Drama SMEN42 Chicago Literature SAEN41 Eco-English SSEN4A
Introduced to all UG Programmes	2018-2019	Yoga SYOG3A Computer for Digital Era SCDE4A

1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the affiliated Colleges (if applicable) during the Academic year.

Name of Programmes adopting CBCS	**UG**	**PG**	**Date of implementation of CBCS / Elective Course System**	**UG**	**PG**
Already adopted From the academic year 2008-2009, the CBCS has been introduced to all affiliated colleges of the university at UG and PG levels.					

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

No of Students	**Certificate course**	**Diploma Courses**
88	Spoken English	-
16	Beautician Course	-
82	Gandhi Study Centre	-
08	Progressive Thought	-
07	Aari Work	-
05	Jute Making	-
02	Flower Arrangement	-

1.3 Curriculum Enrichment

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

Value added courses	Date of Introduction	Number of Students enrolled
Import and Export Management (One year course)		
Certificate Course	20.12.2018	29
Diploma Course	20.12.2018	29
Advanced Diploma Course	20.12.2018	33

1.3.2 Field Projects / Internships under taken during the year	
Projects/ Programme Title	**No.of Students enrolled for Field Projects/ Internships**
Internship	
Dev Care Software Solutions, 249, Kannimarammankovil street, Tenkasi. Leading IT solutions provider based in Columbus, Ohio.	4 students from III B.Sc. Computer Science [11.03.2019 to 26.04.2019 {45 days}]
To study the Ship Navigation – VOC Port Trust, Thoothukudi	24 Students from I M.Sc Physics [21.12.2018]
ISRO Propulsion Complex, Mahendragiri, Tirunelveli	46 Students from Physics 18.03.2019
Tenth Summer Training Programme in Mathematics, Chennai	1 16.5.2018 to 5.6.2018
Summer School in Mathematics to the memory of Prasanta Chandra Mahalanobis, Central University of Tamil Nadu, Thiruvarur.	1 22.7.2018 to 10.8.2018
Summer Training for Drawing and Painting organized by Sub Collector, Cheran Mahadevi.	1 23.5.2018 to 7.7.2018
National Integration Camp- 2018 organized by Regional Directorate of NSS Bengaluru at Visvesvaraya Technological University, Belagavi	2 23.11.2018 to 29.11.2018
Field Projects (Part of the curriculum)	
B.Com	180
B.Com (Corporate)	60
M.Com (Aided)	30
M.Sc. Physics	24

1.4.1 Whether structured feedback received from all the stakeholders.

1) Students	2)Teachers	3) Employers	4) Alumni	5) Parents
Yes	Yes	No	Yes	Yes

1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the Institution? [Can be substantiated with a model feedback form.]

Feedback obtained through well structured questionnaire is analyzed by using SPSS package. The following are the outcome of the feedback.

Student's Feedback Positive commands: From the students feedback analysis, they felt that the Teachers-Students cordiality and the activities of youth welfare, NSS, NCC,YRC are excellent. Other activities such as improving communication skills, placement opportunities, sports, competition encouragement, and office services are good.

Student's Feedback - To be improved - Arts: According to simple percentage tool analysis, the opinion of arts students towards canteen, toilet and drinking water facilities scored very low percentage value of 42.3%, 31.7% and 31.4% respectively.

Student's Feedback - To be improved Science: According to simple percentage tool analysis, the opinion of science students towards canteen, toilets and drinking water facilities scored a very poor percentage of 30.79%, 19.20% and 32.6% respectively.

Teacher's Feedback Positive commands: From the teacher's feedback analysis, they felt that the Administration – Teacher cordiality, working environment are excellent.

Teacher's Feedback -To be improved: According to Kolmogorov-Smirnov Z test, the opinion of teachers towards separate space in college canteen for teachers, waste management practices and toilet facilities scored very low percentage of 2.69%, 2.697% and 2,712 respectively at 95% level of confidence.

Parent's Feedback Positive commands: From the parent's feedback, they felt that the fees structure,

admission procedure, scholarship are excellent**.**

Parent's Feedback To be improved*:* According to one sample T test, the opinion of parents towards, transport facility to the college and facilities provided by the college shows very low value of 3.91% and 3.96% respectively at 95% level of confidence.

Alumni's Feedback Positive commands: From the Alumni feedback they felt that the Infrastructure and the Lab Facilities are Excellent and the courses offered are very good.

Alumni's Feedback - To be improved*:* The opinion about the faculty, office staff and overall rating of the college scored very low percentage of 34.84%, 16.78% and 9.59% respectively.

Initiative taken by the management based on the feedback from various stakeholders*:*

*More scavengers are appointed to maintain clean and hygiene toilets and classrooms.

*Memorandum of Understanding is made between the college and Kalyani Enterprises, Chennai, to dispose E-Waste for three years from March 2018.

CRITERION II -TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1. 1 Demand Ratio during the year

Name of the Programme	Number of Seats Available	Number of Applications Received	Students Enrolled
B.A Eco (TM)	64	140	63
B.A Eco (EM)	64	193	63
B.Sc Mathematics	48	129	45
B.Sc Physics	48	144	38
B.Sc Chemistry	48	93	33
B.Sc Zoology	48	126	34
B.Sc Comp. Science	48	170	44
B.Sc Physical Education, Health Education & Sports	48	99	47
B.Com	64	324	63
M.A. Economics	20	15	12
M.A. Tamil	20	12	12
M.Sc Mathematics	25	40	24
M.Sc Physics	25	39	25
M.Com	30	30	20
M.Phil Tamil	15	3	3
B. Com- 2 Batches(64+64)	128	128	128
B. Com Corporate	64	63	63
BCA	48	40	40
B. Sc (Computer Science)	48	47	47
B. A English	64	62	62
M.Phil Physics	10	1	1

(As per 2009 UGC recruitment rules Ph.D has become the basic qualification. Hence instead of doing M.Phil candidates chose to pursue Ph.d. So there is a fall in demand for M.Phil admission)			

Total	1007	1898	
Demand Ratio : 2:1			

2.2 Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018-2019	770	97	55	0	40

2.3 Teaching - Learning Process

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

Number of teachers on roll	Number of teachers using ICT (*LMS, e-Resources*)	ICT tools and resources available (Internet, Wi-Fi, Smart boards)	Number of ICT enabled classrooms	Number of Smart Classrooms	E-resources and techniques used
5 (Chemistry)	5	1	1	1	Websites
9 (Mathematics)	9	1	1	-	INFLIBNET, Books & Journal
4 (Zoology)	4	LCD Projector audio system	1	-	Video Clipping
5 (Comp.Sci) Regular	3	1	1	-	e-Books, e-module
4 (PHS)	4	LCD Available	1	1	Internet
5 (Comp.Sci) SF	3	LCD Available	1	-	Self-prepared slides
10 (Physics)	6	Projector, Online resources	2	1	Power point tools, NPTEL links
9 (Economics)	1	-	2	-	-
7(Commerce)	-	LCD Projector OHP	1	-	Campus is Wi-fi connected
95	35	2	10	3	3

2.3.2 Students mentoring system available in the institution? Give details.

So far, all the teachers monitored their respective learners. They supported them by identifying the slow/ average and advanced learners. The advanced learners were motivated to participate inter collegiate competition and to present research papers in seminars and workshops. The average students were motivated to be better performers. The main focus of teachers was the slow learners. The reason for their lacking was analyzed and solved by the teachers. Presently, the same is done by the same teachers, but with a mild difference. The same is done systematically with a name Mentor-Mentee system, Student Improvement Scheme (SIS). Accordingly, each Mentor (Full time teacher) is assigned a maximum of 30 learners. The mentors fill up the biographic details of each learner in the presence of his parents/ guardians. The photographs are attached to the SIS booklet. The attendance/progress of the Mentees are entered and signed by the Mentors/ Heads/ IQAC- Co-ordinator, Principal and counter signed by parents at the publication of every semester results. The Mentors are responsible for the academic and non-academic performances of their Mentees. Proper guidance/ suggestions necessary to the advancement of a Mentee is rendered. The Mentors are mentoring their Mentees both formally and personally.

Number of students enrolled in the Institution	Number of fulltime teachers	Mentor: Mentee Ratio
2474	95	1:26

2.4 Teacher Profile and Quality

2.4.1 Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
109	95	14	-	59

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

Year of award	Name of full time teachers receiving awards from state level national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
15.8.18	Dr. P. Jaya Prabhakaran	Assistant Professor	*Kalvi Gnaniviruthu from Kavi Arasar kalai Tamil sangam*, Namakkal.
27.8.18	Dr. A. Thiruneelakandan	Associate Professor	Best Book Award from Hon minister for Education, Tamilnadu.
31.8.18	Dr. P. Jaya Prabhakaran	Assistant Professor	*Tamil oli viruthu* from *Agathiya Maamuni Kalai Ilaakiya Panpattu Aaivumaiyam, Agastheeswaram*
5.9.2018	Dr. M. Chelladurai	Assistant Professor	*Perasiriyar Rathna From Kavi Arasar Kalai Tamil Sangam,* Namakkal.
5.9.2018	Dr. N. Sankara Gomathi	Assistant Professor	*Perasiriyar Rathna From Kavi Arasar Kalai Tamil Sangam*, Namakkal.
5.9.2018	Dr. K. Viswasarojinidevi	Assistant Professor	*Perasiriyar Rathna From Kavi Arasar Kalai Tamil Sangam,*

			Namakkal	
5.9.2018	Dr. S. Muthulakshmi	Assistant Professor	*Perasiriyar Rathna From Kavi Arasar Kalai Tamil Sangam*, Namakkal	
5.9.2018	Dr. A. Chellapa	Associate Professor	*Perasiriyar Rathna From Kavi Arasar Kalai Tamil Sangam*, Namakkal.	
5.9.2018	C. Shantha Sheela	Assistant Professor	*Perasiriyar Rathna From Kavi Arasar Kalai Tamil Sangam*, Namakkal	
14.2.2019	G. Sankaraveerapathran	Associate Professor	*Aasiriya Semmal f*rom Lions Club, Tirunelveli	
28.2.2019	Dr. P. Jaya Prabhakaran	Assistant Professor	*Perasiriya Mamani Viruthu From Tamilnadu Kalai Ilaakiaya Kazhagam, Kottaram*	
3.8.2018	M.Sudha	Assistant Professor	Awarded Doctoral Degree	
13.3.2019	S.Ramalakshmi	Assistant Professor	*Tamil Sudarmani Viruthu" From Chennai Porunai Ezhakiam Kalagam'*	

2.5 Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester-end/ year- end examination
B.Sc Mathematics	1517	I, III,V / NOV.2018	3.11.18	6.2.2019
B.Sc Zoology	1527	I, III,V / NOV.2018	3.11.18	6.2.2019
B.Sc PHS	1521	I, III,V / NOV.2018	3.11.18	6.2.2019
B. Sc Physics	1522	I, III,V / NOV.2018	3.11.18	6.2.2019
B.Sc Chemistry	1504	I, III,V / NOV.2018	3.11.18	6.2.2019
B.Sc Comp.Science(Reg)	1506	I, III,V / NOV.2018	3.11.18	6.2.2019
BCA	1401	I, III,V / NOV.2018	3.11.18	6.2.2019
B.Sc Comp.Science SF	1506	I, III,V / NOV.2018	3.11.18	6.2.2019
B.Com	1301	I, III,V / NOV.2018	3.11.18	6.2.2019
B.Com B (CA)	1302	I, III,V / NOV.2018	3.11.18	6.2.2019
B.Com (C.S)	1303	I, III,V / NOV.2018	3.11.18	6.2.2019
B.A English	1105	I, III,V / NOV.2018	3.11.18	6.2.2019

B.A Economics	1103	I, III,V / NOV.2018	3.11.18	6.2.2019
B.A Economics	1104	I, III,V / NOV.2018	3.11.18	6.2.2019
M.Sc Mathematics	2515	I, III,V / NOV.2018	3.11.2018	1.2.2019
M. Sc Physics	2521	I, III,V / NOV.2018	3.11.2018	1.2.2019
M. Phil Physics	3546	I, III,V / NOV.2018	3.11.2018	1.2.2019
M.A Economics	2101	I, III,V / NOV.2018	3.11.2018	1.2.2019
M.A Tamil		I, III,V / NOV.2018	3.11.2018	1.2.2019
M.Com	2301	I, III,V / NOV.2018	3.11.2018	1.2.2019
B.Sc Mathematics	1517	II,IV,VI/ Apr 2019	25.4.2019	5.7.2019
B.Sc Zoology	1527	II,IV,VI/ Apr 2019	25.4.2019	5.7.2019
B.Sc PHS	1521	II,IV,VI/ Apr 2019	25.4.2019	5.7.2019
B. Sc Physics	1522	II,IV,VI/ Apr 2019	25.4.2019	5.7.2019
B.Sc Chemistry	1504	II,IV,VI/ Apr 2019	25.4.2019	5.7.2019
B.Sc Comp.Science(Reg)	1506	II,IV,VI/ Apr 2019	25.4.2019	5.7.2019
BCA	1401	II,IV,VI/ Apr 2019	25.4.2019	5.7.2019
B.Sc Comp.Science SF	1506	II,IV,VI/ Apr 2019	25.4.2019	5.7.2019
B.Com	1301	II,IV,VI/ Apr 2019	25.4.2019	5.7.2019
B.Com B (CA)	1302	II,IV,VI/ Apr 2019	25.4.2019	5.7.2019
B.Com (C.S)	1303	II,IV,VI/ Apr 2019	25.4.2019	5.7.2019
B.A English	1105	II,IV,VI/ Apr 2019	25.4.2019	5.7.2019
B.A Economics	1103	II,IV,VI/ Apr 2019	25.4.2019	5.7.2019
B.A Economics	1104	II,IV,VI/ Apr 2019	25.4.2019	5.7.2019
M.Sc Mathematics	2515	II,IV,VI/ Apr 2019	25.4.2019	20.6.2019
M. Sc Physics	2521	II,IV,VI/ Apr 2019	25.4.2019	20.6.2019
M. Phil Physics	3546	II,IV,VI/ Apr 2019	25.4.2019	20.6.2019
M.A Economics	2101	II,IV,VI/ Apr 2019	25.4.2019	20.6.2019
M.A Tamil		II,IV,VI/ Apr	25.4.2019	20.6.2019

		2019		
M.Com	2301	II,IV,VI/ Apr 2019	25.4.2019	20.6.2019

2.5.2 Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level

As an affiliated college there is a limited scope for making reforms in Continuous Internal Evaluation (CIE). The college adheres to the guidelines laid down by the university with reference to the evaluation reforms and makes all possible efforts to ensure the effective implementation. The attendance and internal assessment of every student is displayed on the notice board in the departments so that evaluation process is implemented on time and no delay in internal assessment records happens. Internal Assessment is conducted thrice per semester. Assignments and seminars are assigned. Group discussions are encouraged. For every paper, 25% marks are assigned for internal assessments. Of the 25%, 20% marks are given for written tests and 5% is given for Assignments. Of the three internals, two best scores are considered. The average of two best scores is added to the Assignment score. Thus the internal mark is calculated out of 25%.In case of absence for 2 internals, the concerned teacher used to conduct special tests so far. Presently, there is no provision for special tests. Hence, average for available marks is calculated and added to the Assignment score for 25%. The record of class attendance is meticulously maintained by the college office and displayed every month and thus transparency is maintained. Class tests are another mechanism whereby students' progress is evaluated and communicated. The stakeholders are informed about the internal assessment. This regular assessment helps the students to know their strength, to think independently and to gain confidence. It also makes them aware of their weakness and make them plan accordingly. This adherence does not permit any reform in CIE.

2.5.3 Academic calendar prepared and adhered for conduct of Examination and other related matters

Academic calendar was prepared by the Calendar Committee consisting of 4 teaching staff assisted by a typist and junior assistant before the commencement of the academic year and it is adhered strictly, throughout the academic year. Very rarely there may be a change, due to collector's order or natural calamities. Commencements of internal tests are notified in academic calendar. But semester examination dates are announced only by the affiliating university.

2.6 Student Performance and Learning Outcomes

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

http://mdthinducollege.org/iqac/201819/Course_Outcome_for_new_courses_introduced_in_the_Academic_year_2018-2019.pdf

2.6.2 Pass percentage of students

Programme Code	Programme Name	Number of students appeared in the final year examination	Number of students passed in final semester/year examination	Pass Percentage
1504	Chemistry	31	22	70.96
1517	B.Sc Mathematics	44	33	75
2515	M.Sc Mathematics	19	18	94.7
1527	B.Sc Zoology	28	14	50
1506	B.Sc.Comp.sci (Reg)	39	31	79.54
1521	B.Sc PHS	34	22	64.70
1522	B.Sc Physics	37	20	54.05
2521	M.Sc Physics	18	05	27.77
1103&1104	Economics	95	5	5.26
2101	M.A Economics	10	3	30
1301	B.Com (Reg)	50	23	46
2301	M.Com	25	12	48
2107	M.A Tamil	2	2	100
1407	BCA	42	29	69.04
1506	B.Sc Comp.Scie SF	45	20	44.44
1301	B.Com A	58	43	74
1302	B.Com CA	57	25	44
1105	B.A English	55	28	50
1302	B.Com(corp)	58	19	33
2107	M.Phil Tamil	1	1	100
3546	M.Phil Physics	1	1	100

2.7 Student Satisfaction Survey

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

The Student Satisfaction Survey was analyzed through chi square test with the variable gender and stream. One sample T-test also used to test the overall rating of the college. The result revealed that the

overall rating of the college and the student's opinion towards Teaching-Learning and Evaluation are favorable. The student's in the arts stream highlighted more in the view, that the college motivated them in all the extracurricular activities in addition to academic activities. The science student's highlighted the excellence of the teachers – learning process.

The interpretations of the results of the test are summarized given below.

1. **Interpretation of Students Satisfaction Survey: Chi Square Test-Variable Stream**

   According to the above Chi Square Test the Asymp. Significant value is 0.525 with the mean score of 3.09. The significant value is above 0.05. Hence it is not significant. The null hypothesis is rejected. Hence there is an association between the Gender of the students and overall rating of the college. So the student's opinion towards Teaching- Learning and Evaluation are favorable.

2. **Interpretation of Students Satisfaction Survey: Chi square test-variable – Gender**

   According to the above Chi Square Test the Asymp. Significant value is 0.093 with the mean score of 3.09. The significant value is above 0.05. Hence it is not significant. The null hypothesis is rejected. Hence there is an association between the Gender of the students and overall rating of the college. So the student's opinion towards Teaching- Learning and Evaluation are favorable.

3. **Interpretation of T-Test- overall rating**

   According to one sample T Test, the value of degree of the student 59.821, with the mean value of 1.34. The T value of overall result of the survey is 101.3330 with the mean value of 3.09. The significant value of all the criteria is less than 0.05. Hence it is highly significant. So the students opinion towards, Teaching-Learning Evaluation of the college are favorable

   http://mdthinducollege.org/iqac/201819/Resullt_and_Detail_Interpretation_of_SSS_2.7.1.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION				
3.1 Resource Mobilization for Research				
3.1.1 Research funds sanctioned and received from various agencies, industry and other organizations				
Nature of the Project	**Duration**	**Name of the funding Agency**	**Total grant sanctioned**	**Amount received During the Academic year**
Major projects	-	-	-	-
Projects Name MRP No: MRP-6874/16 (MRP/UGC-SERO)	II Installment	UGC	92,500	30,000
MRP-6550/16 (MRP/UGC-SERO)	II Installment	UGC	1,21,500	14,000
Interdisciplinary Projects	-	-	-	-
Industry sponsored Projects	-	-	-	-
Projects sponsored by	-			

the University/ College		-	-	-
Students Research Projects *(other than compulsory by the College)*	-	-	-	-
International Projects	-	-	-	-
Any other(Specify)	-	-	-	-
Total			2,14,000	44,000

3.2 Innovation Ecosystem

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

Title of Workshop/Seminar	Name of the Dept	Dates

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

Title of the innovation	Name of the Awardees	Awarding Agency	Date of Award	Category

3.2.3 No. of Incubation centers created, start-ups incubated on campus during the year

Incubation Centre	Name	Sponsored by
-	-	-

Name of the Start-up	Nature of Start-up	Date of commencement
-	-	-

3.3 Research Publications and Awards

3.3.1 Incentive to the teachers who receive recognition/awards

State	National	International
-	-	-

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

Name of the Department	No. of Ph. Ds Awarded
Mathematics	2
Commerce	2
Tamil	3
Economics	3

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

Level	Department	No. of Publication	Average Impact Factor, if any
National	Physics	6	2.985
National	Tamil	4	-
National	Economics	2	3.085
International	Mathematics	17	4.852
International	Physics	6	4.251
International	Computer Science	10	3.425
International	BCA	2	2.412
International	Commerce	16	5.75
International	B.com (B)	1	5.172
International	B.Com (Corp)	2	5.75
International	Tamil	4	-
International	Economics	1	3.085

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

Department	No. of publication
Mathematics (Books)	2
Mathematics (Proceedings)	3
Physics (Chapter)	1
Physics (Proceedings)	16
Economics (Proceedings)	1
Chemistry (Proceedings)	10
Botany (Proceedings)	1
Commerce (Proceedings)	1
Tamil (Proceedings)	1

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
1.A Study on Level of Digital Based Teaching to Unaided Colleges in Tirunelveli District	Dr. M. Chelladurai	Business Horizon	2018		Assistant professor of Commerce, The M.D.T Hindu College, Pettai, Tirunelveli 627010, Tamilnadu, India,	
2.A Study on Sustainable Marketing of Products	Dr. M. Chelladurai	International Journal of Research and Analytical Reviews	2019		ssistant Professor, The MDT Hindu College,Pettai,Tirunelveli 627010,Tamilnadu,India, Affiliated to Manonmaniam Sundaranar University, Abishekapatti, Tirunelveli 627012,Tamilandu,India	
3.Resources in Managing the Stress of Women Entrepreneurs in Tirunelveli District	Dr. N. Sankara Gomathi	International Journal of Research and Analytical Reviews	2019		Assistant Professor, Department, College and Place: Commerce The M.D.T. Hindu College, Pettai, Tirunelveli	
4.Impact of Financial Institutions in The Promotion of Women Entrepreneurship in Tirunelveli District	Dr. N. Sankara Gomathi& Ms. S. Pitchammal	Business Horizon	2018		Assistant Professor, Dept of Commerce, The M.D.T. Hindu College, Tirunelveli 10	
5.A Study on HRM Practices and Organizational	Dr. N. Sankara Gomathi	Business Horizon	2018		Assistant Professor of Commerce, The M.D.T.Hindu	

Performance of Nurses in Primary Health Centre in Tirunelveli Taluk					College, Tirunelveli 10	
6.Work Stress and Coping Behavior Among Women Entrepreneurs in Tirunelveli Taluk	Dr. N. Sankara Gomathi	Business Horizon	2018		Assistant Professor, The M.D.T.Hindu College, Pettai,Tirunelveli 627 010,	
7.Problems and Prospects of Unorganized Agriculture Workers in Tirunelveli District	Dr. N. Sankara Gomathi	Business Horizon	2018		Assistant Professor, The M.D.T.Hindu College, Tirunelveli 10	
8.Awareness Towards Precision Agriculture Among Farmers in Tirunelveli District	Dr. N. Sankara Gomathi	International Journal of Research and Analytical Reviews	2019		Dr.N.Sankarago mathi	
9.A Study On Role of Primary Health Centre in Health Care System in Tirunelveli Taluk	Dr. N. Sankara Gomathi	International Journal of Research and Analytical Reviews	2019		Dr.N.Sankarago mathi	
10.Women Empowerment Through Green Entrepreneurshi p in Tirunelveli City	Dr. N. Sankara Gomathi& Ms. S. Pitchammal	International Journal of Research and Analytical Reviews	2019		Dr.N.Sankarago mathi	
11.Green Entrepreneurshi p For Managing Stress and Sustainable Development of Women in Tirunelveli Area	Dr. N. Sankara Gomathi	International Journal of Research and Analytical Reviews	2019		Dr.N.Sankarago mathi	
12.Job Satisfaction of Sanitary Workers in Tirunelveli District	Dr. S. Muthulakshmi	Business Horizon	2018		Dr. S. Muthulakshmi	

13.Health Issues of Sanitary Workers in Tirunelveli District	Dr. S. Muthulakshmi	International Journal of Research and Analytical Reviews	2019		Dr. S. Muthulakshmi	
14.Performance Analysis of Agricultural Women Workers In Marketing of Paddy in Alangulam Taluk-Tirunelveli	Dr. K. Viswasarojinidevi	International Journal of Research and Analytical Reviews	2019		Dr. K. Viswasarojinidevi	
15.A Study on Regularization Functions and Regulation Parameter in Image Restoration	Mr .A. K. Kumaresh	International Journal of Computer Engineering and Technology	2019		Associate Professor, Department of Computer Science, The M.D.T.Hindu College, Tirunelveli, Tamilnadu, India	
16.Image Restoration By Improved Iterative Shrinkage Thresholding Algorithm.	Mr. A.K. Kumaresh	International Journal of Computer Engineering and Technology	2019		Associate Professor, Department of Computer Science, The M.D.T.Hindu College, Tirunelveli,	
17.Multilingual Off-Line Handwriting Recognition in Real World Images Using Support Vector Machine	Dr. P. Velmani	Journal of Emerging Technologies and Innovative Research	2019		Assistant Professor, Computer Science, The M.D.T.Hindu College, Tirunelveli	
18.Multilingual Off-Line Handwriting Recognition in Real World Images Using Deep Neural Network Classifier	Dr. P. Velmani	Journal of Computational Information System	2018		Assistant Professor, Computer Science, The M.D.T.Hindu College, Tirunelveli	
19.Comparison of Continuous Probability Distribution and Robust Mean in WSN Data	Dr. P. Velmani & M.Lakshmi	IOSR Journal of Engineering	2019		Assistant Professor of Computer Science, The M.D.T.Hindu College, Pettai,	

Aggregation					Tirunelveli, Tamilnadu, India	
20.Data Aggregation in WSM Using Robust Mean	Dr. P. Velamani& M.Lakshmi	International Journal of Research In Advent Technology	2018		Assistant Professor of Computer Science, The M.D.T.Hindu College, Pettai, Tirunelveli, Tamilnadu, India	
21.Multilingual Off-Line Handwriting Recognition in Real World Images Using Adaptive Neuro Fuzzy Inference System	Dr. P. Velmani	Journal of Computational Information System	2018		Assistant Professor, Computer Science, The M.D.T.Hindu College, Tirunelveli	
22. Multiple Mobile Sink Path Selection Using Weighted Rendezvous Planning in Wireless Sensor Network	Dr. P. Velmani	International Journal of Advanced Technology and Engineering Exploration	2018		Assistant Professor of Computer Science, The M.D.T.Hindu College, Pettai, Tirunelveli	
23.A Novel Density Based Clustering Algorithm by Incorporating Mahalanobis Distance	Velumani Padikkaramu	International Journal of Intelleigent Engineering & Systems	2018		Department of Computer Science, The M.D.T.Hindu College, Tirunelveli, India	
24.Heart Beat Peak Detection Using Signal Filtering in ECA Data	Dr. P. Velmani	International Journal of Research in Advent Technology	2019		Assistant Professor of Computer Science, The M.D.T.Hindu College, Tirunelveli, Tamilnadu, India	
25.Synthesis And Characterization of L- Isoleucine Maleate And L-Isoleucine Oxalate Crystals	Dr. S. Selvaraj	Journal of Emerging Technologies and Innovative Research	2018		Department of Physics, M.D.T Hindu College, Tirunelveli, Tamilnadu, India	
26.Structural And Vibrational Analysis of DL-Nor leucine tartarate by DFT	Dr. S. Selvaraj	International of Journal of Research and Analytical Reviews	2018		Department of Physics, M.D.T Hindu College, Tirunelveli, Tamilnadu, India	

Methods

27.Tuning Ferromagnetism in Zinc Oxide Nanoparticles By Replacing Zn^{2+} Ions With Cr^{3+} Ions	Dr. S. Selvaraj& Mrs. D. Guruvammal	The European Physical Journal Plus	2018		PG & Research Department of Physics, The M.D.T.Hindu College, Tirunelveli 627 010, Tamilnadu, India	1
28.Microwave Assisted Synthesis of Zinc Oxide Nano particles and Its Anti Microbial Efficiency	Dr. D. Muthuraj	Journal Of Nanoscience and Technology	2019		PG & Research Department of Physics, The M.D.T.Hindu College, Tirunelveli 627 010, Tamilnadu, India	
29.Synthesis And Characterization of ZRO2 Nanoparticles Using Microwave Assisted Method and Its Antimicrobial Activity	Dr. D. Muthuraj	Journal of Nanoscience and Technology	2019		PG & Research Department of Physics, The M.D.T.Hindu College, Tirunelveli 627 010, Tamilnadu, India	
30.Synthesis and Investigation of Antimicrobial Activity of Tin Oxide Nanoparticles By Microwave Assisted Solution Method	Dr. D. Muthuraj & Dr. J. Uma Maheswari	Journal of Nanoscience and Technology	2019		PG & Research Department of Physics, The M.D.T.Hindu College, Tirunelveli 627 010, Tamilnadu, India	
31.Growth, Spectral Studies, Thermal and NLO Aspects of L-Asparagine Doped KHP Crystals	Dr. K. Balasubramanian	International Journal of Interdisciplinary Research and Innovations	2018		PG & Research Department of Physics, The M.D.T.Hindu College, Tirunelveli 627 010, Tamilnadu, India	
32.Wood Material of Cassia Fistula for Power Generation : An Eco -Friendly Approach	Dr. A. N. Seethalashmi& Mr. N. Arumugasamy	International Journal of Research and Analytical Reviews	2018		Assistant Professor, Department of Physics, The M.D.T.Hindu College, Tirunelveli 627 010, Tamilnadu, India	

33.Dalbergia Sissoo Wood Material for Power Generation: A Green Approach	Dr. A. N. Seethalashmi & Mr. N. Arumugasamy	Journal of Applied Science and Computation	2018		Assistant Professor, Department of Physics, The M.D.T.Hindu College, Tirunelveli 627 010, Tamilnadu, India	
34.Bioenergy Potential of Simaroubaglauc a Wood Material For Power Generation	Dr. A. N. Seethalashmi& Mr. N. Arumugasamy	International Journal of Advance and Innovative Research	2018		Assistant Professor, Department of Physics, The M.D.T.Hindu College, Tirunelveli 627 010, Tamilnadu, India	
35.A Complete Analytical Study on the Dynamics of Simple Chaotic Systems	Dr. A. N. Seethalashmi	Indian Academy of Sciences	2019		Department of Physics, The M.D.T.Hindu College (affiated to Manonmaniam Sundaranar University Abishekapatti Tirunelveli 627 012), Tirunelveli 627 010, India	
36.Stability Enhancement By Induced Synchronization Using Transcent Uncoupling in Certain Coupled Chaotic Systems	Dr. A. N. Seethalashmi	Chaos, Solitons and Fractals Nonlinear Science and Non Equilibrium and Complex Phenomena	2019		Department of Physics, The M.D.T.Hindu College, Tirunelveli 627 010, Tamilnadu, India	
37.Equivalence Resolving Partition of A Graph	A. Subramanian	International Journal of Latest Engineering and Management Research	2019		Department of Mathematics, The M.D.T. Hindu College, Tirunelveli - 627 010, Tamilnadu, India	
38.Neighbour Resolving Partition of a Graph	A. Subramanian	International Journal of Advanced Scientific Research and Management	2018		Department of Mathematics, The M.D.T. Hindu College, Tirunelveli - 627 010, Tamilnadu, India	
39.Secure Resolving Sets	Subramanain Arasappan	Symmetry	2018		Principal, Department of	

in a Graph					Mathematics, The M.D.T. Hindu College, Tirunelveli - 627 010, India	
40.Changing and Unchanging Strong Restrained Domination Number of a Graph	P. Namasivayam	Journal of Emerging Technologies and Innovative Research	2018		Associate Professor, P.G. & Research Department of Mathematics, The M.D.T. Hindu College, Tirunelveli - 627 010, Tamilnadu	
41.Sum And Product of Strong Restrained Domination Number of Path and Its Derived Graph	P. Namasivayam	International Journal of Scientific Development and Research	2018		Associate Professor, P.G.&Research Department of Mathematics, The M.D.T. Hindu College, Tirunelveli - 627 010, Tamilnadu, India	
42.Strong Efficient Edge Domination Number of Some Corona Related Graphs	N. Meena	Journal of Emerging Technologies and Innovative Research	2019		Assistant Professor, P.G.& Research Department of Mathematics, The M.D.T. Hindu College, Tirunelveli - 627 010	
43.Strong Prefect Domination in Some Sub Division Graphs	N. Meena	Journal of Emerging Technologies and Innovative Research	2019		P.G.& Research Department of Mathematics, The M.D.T. Hindu College, Tirunelveli - 10	
44. Strong Perfect Domination in Graphs	Dr. N. Meena	International Journal of Mathematical Trends And Technology	2018		P.G.& Research Department of Mathematics, The M.D.T. Hindu College, Tirunelveli - 10	
45. Strong Efficient Edge Domination Number of Some Cycle Related Graphs	N. Meena	International Journal of Mathematical Trends and Technology	2018		Assistant Professor, P.G.& Research Department of Mathematics, The M.D.T.	

					Hindu College, Tirunelveli , Tamilnadu, India	
46.Cube Graceful Labeiling of Graphs	K. Murugan	International Journal of Pure and Applied Mathematics	2018		Department of Mathematics, The M.D.T. Hindu College, Tirunelveli , Tamilnadu, India	
47.2-Long Sum Labeiling of Some Graphs	Dr. K. Murugan	International Journal of Pure and Applied Mathematics	2018		P.G.& Research Department of Mathematics, The M.D.T. Hindu College, Tirunelveli	
48. Odd-Even Sum Labeling in the Context of Duplication of Graph Elements	Dr. K. Murugan	Mapuna Journal of Sciences	2018		Department of Mathematics, The M.D.T. Hindu College, Tirunelveli - 627 010, Tamilnadu, India	
49.Triangular Square Graceful Labeling of Some Graphs	Dr. K. Murugan	Journal of Applied Science and Computation	2018		Department of Mathematics, The M.D.T. Hindu College, Tirunelveli Tamilnadu, India	
50. Generating Skolem Difference Mean Graphs	Dr. K. Murugan	World Scientific News	2019		Department of Mathematics, The M.D.T. Hindu College, Tirunelveli - 627 010, Tamilnadu, India	
51.On Ingrained Construction of A Newfangled Almost GP-Spaces in Simple Extended Topological Spaces.	Dr. K. Alli	International Journal of Scientific Research and Reviews	2018		Department of Mathematics, The M.D.T. Hindu College (affiated to Manonmaniam Sundaranar University Abishekapatti Tirunelveli 627 012), Tamilnadu, India	
52. On The Imperishable Feature of Extension in Simple Extend Topological Spaces With	Dr. K. Alli	International Research Journal of Mathematical Sciences	2018		Department of Mathematics, The M.D.T. Hindu College, Tirunelveli - 627 010, Tamilnadu, India	

Grill						
53. Pentagonal Graceful Labeling of Caterpillar Graph	Dr. M.P.Syed Ali Nisaya	International Journal of Engineering Development And Research	2018		Department of Mathematics, The M.D.T. Hindu College, Tirunelveli - 627 010, Tamilnadu, India	
54.On The Newfangled Form of μ_ψ^+ - Closed Sets Beneath The Canopy of Simple Extended Topological Spaces	Dr. K. Alli	International Journal of Research and Analytical Reviews	2018		Assistant Professor, Department of Mathematics, The M.D.T. Hindu College, (affiated to Manonmaniam Sundaranar University Abishekapatti Tirunelveli 627 012), Tamilnadu, India	
55.On New Articulation of Contra μ_ψ^+ Continuous in Simple Extended Topological Spaces	Dr. K. Alli	World Scientific News	2018		Assistant Professor, Department of Mathematics, The M.D.T. Hindu College, (affiated to Manonmaniam Sundaranar University Abishekapatti Tirunelveli 627 012), Tamilnadu, India	
56.Scheduling a Round Robin Tournament Using Independent Edge Domination	Dr. K. Alli	American International Journal of Research In Science, Technology, Engineering and Mathematics	2019		Department of Mathematics, The M.D.T. Hindu College, (M.S.University) Tirunelveli - 627 010, Tamilnadu, India	
57.'$g_\beta^\wedge$ - Continuous Maps in Topological Spaces'	Dr. K. Alli	Journal of Computer and Mathematical Sciences	2019		Assistant Professor, Department of Mathematics, The M.D.T. Hindu College, Tirunelveli - 627 010, Tamilnadu, India	

58.On The New Glimpse of $\Omega_{\mu_\psi}^+$ And $\mho_{\mu_\psi}^+$ Sets In Simple Extension Topological Space	Dr. K. Alli	Journal of Emerging Technologies And Innovative Research	2019		Assistant Professor, Department of Mathematics, The M.D.T. Hindu College, (affiated to Manonmaniam Sundaranar University Abishekapatti Tirunelveli 627 012), Tamilnadu, India	
59.Approximate Analytical Solution of Non-Linear Boundary Value Problem in Bio trickling Filter System	Dr. S. Loghambal	Journal Nonlinear Studies	2019		Department of Mathematics, The M.D.T. Hindu College,Pettai, Tirunelveli - 627 010, Tamilnadu, India	
60.Customer's Satisfaction Towards E-Banking Services With Special Reference to SBI	M. Nishanthi	International Journal of Commerce	2019		Department of Mathematics, The M.D.T. Hindu College, Tirunelveli - 627 010, Tamilnadu, India	
61.A Study on Occupational Stress Among The Employers of Public and Private Sector Banks in Tirunelveli City	M. Nishanthi	International Journal of Research and Analytical Reviews	2019		Department of Mathematics, The M.D.T. Hindu College, Tirunelveli - 627 010, Tamilnadu, India	
62. Banking Service and Customer Satisfaction	Dr.R. Meenakshisundaram	International Journal of Commerce	2018		Dr.R. Meenakshisundaram, Assistant Professor, Department of Commerce, The M.D.T. Hindu College, Pettai, Tirunelveli	
63.*Pennurimai Kaathaislaam*	Dr.P. Jaya prabhakaran	Shanlax International Journal of Tamil Studies	2018		Dr.P. Jaya prabhakaran, Assistant Professor, Department of Economics, The M.D.T. Hindu	

					College, Pettai,	
64.Role of SHG In Providing Economic Assistance to Women in Tirunelveli District	Dr.V. Sankaranarayanan		2019		Dr.P. Jaya prabhakaran, Assistant Professor, Department of Economics, The M.D.T. Hindu College, Pettai,	
65.Demonetization and Impact on Indian Economy	Dr.P. Senthilkumar	Peninsular Economist	2018		Dr.P. Senthilkumar	
66.Vetriselviyin sirukathaikalil Poruku pinana valviyal uzhaviyal"	Dr.T.Muthulakshmi	Modern Tamil Research	2018		T.Muthulakshmi, Assistant Professor, Department of Tamil, The MDT Hindu College, Tirunelveli	
67.*Pennizhai Nokil Su.Thamizh Selviyin :Kannagi"*	Dr. S.Ramalakshmi	Shanlax International Journal	2018		Dr. S.Ramalakshmi, Assistant Professor, Department of Tamil, The MDT Hindu College, Tirunelveli 627010, Tamilnadu,India	
68.*Sanga Illakiyathil Theivathin Thonmam-Maayon*	Dr. S.Ramalakshmi	Shanlax International Journal	2019		Dr. S.Ramalakshmi, Department of Tamil, Assistant Professor, The MDT Hindu College, Tirunelveli	
69.*Sanga Illakiathil Marabousaar Velanmaiyum Samuga Uravum*	Dr. S.Ramalakshmi	Shanlax International Journal	2019		Dr. S.Ramalakshmi, Department of Tamil, Assistant Professor, The MDT Hindu College, Tirunelveli,Tamil nadu,India	
70.*Illakana Illakiyangalil Sa.Ve.Su.vin Pangu*	Dr. S.Ramalakshmi	Journal of Modern Tamizh Research	2019		Dr. S.Ramalakshmi, Department of Tamil, Assistant Professor, The MDT Hindu College,	

					Tirunelveli,Tamil nadu,India	
71.Tharkaala Illakiyathil Salmavin Isulamiyapaarvai	Dr. S.Ramalakshmi	Shanlax International Journal	2019		Dr. S.Ramalakshmi, Department of Tamil, Assistant Professor, The MDT Hindu College, Tirunelveli	
72.Pazhanththa mizharin Puzhanguporulil Matkalam	Dr. S.Ramalakshmi	Shanlax International Journal	2019		Dr. S.Ramalakshmi, Department of Tamil, Assistant Professor, The MDT Hindu College, Tirunelvel	
73. *Silapathigarathil aaruga Lkatamaikum Suzhaliyaluravu mpanpaadum*	Dr.R.Illakkuvan	*OnpathaamAa ndil Vallamai*	2019		Dr.R.Illakkuvan, Ve.Pa.Su.Tamiliy al Aaivu Maiyam, The MDT Hindu College, Tirunelveli-627610	
74.Silapathigara – Oosai vazhi Vezhipadum Samooga Assaivugal	Dr.R.Illakkuvan	*Thamizhiyal Aaivuth Thadangal*	2019		Dr.R.Illakkuvan, Assistant Professor, Department of TamilVe.Pa.Su.T amiliyal Aaivu Maiyam, The MDT Hindu College, Tirunelveli-627610	

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

Title of the paper	Name of the author	Title of the journal	Year of public ation	h-index	Number of citations excludin g self citations	Institution al affiliation as mentioned in the publication
A Complete Analytical Study on the Dynamics of Simple Chaotic	Dr. A. N. Seethalaksh mi	Indian Academy of Sciences	2019	0	0	Department of Physics, The M.D.T.Hindu College (affiated to Manonmania

Systems						m Sundaranar University Abishekapatti Tirunelveli 627 012), Tirunelveli 627 010, India
Tuning Ferromagnetis m in Zinc Oxide Nanoparticles By Replacing Zn2+ Ions With Cr3+ Ions	Dr. S. Selvaraj&Mr s. D. Guruvammal	The European Physical Journal Plus	2018	0	1	PG & Research Department of Physics, The M.D.T.Hindu College, Tirunelveli 627 010, Tamilnadu, India
Generalized analytical solutions and expertimental confirmation of complete synchronizatio n in a class of mutually coupled simple nonlinear elecronic circuits	Dr. A. N. Seethalaksh mi	Chaos Solitons & Fracticals	2018	0	4	Department of Physics, The M.D.T.Hin du College (affiated to Manonmani am Sundaranar University Abishekapa tti Tirunelveli 627 012), Tirunelveli 627 010, India
Analytical studies on the Synchronizatio n of a Network of Linearly-coupled simple Chaotic systems	Dr. A. N. Seethalaksh mi	Journal of the Korean Physical Society	2018			Department of Physics, The M.D.T.Hin du College (affiated to Manonmani am Sundaranar University Abishekapa tti Tirunelveli 627 012), Tirunelveli

						627 010, India
Nuclear specific Heat and Phase Transition in finite nuclear systems	Dr. S. Selvaraj	Acta Physica Polonica B	2018	0	1	PG & Research Department of Physics, The M.D.T.Hindu College, Tirunelveli 627 010, Tamilnadu, India
A Novel Density Based Clustering Algorithm by Incorporating Mahalanobis Distance	Velumani Padikkaramu	International Journal of Intelleigent Engineering & System	2018	0	0	Department of Computer Science, The M.D.T.Hindu College, Tirunelveli, India

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	21	28	3	1
Presented papers	38	12	-	-
Resource Persons	1	3	0	12

3.4 Extension Activities

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

Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers co-ordinated such activities	Number of students participated in such activities
Yoga Training	Heart fullness trust	7	120
Anti-Narcotic Day	Max Jones	4	150
Silambam Training	Silambam World Association	1	150
Eye Camp	Tirunelveli Bus Association& Aravindh Eye Hospital	1	10
Eye Donation Awareness	Lions Club of Crackers City	7	350
Road Safety	City Driving School	4	120
The Day Against Drug	Max. Jones Trust	-	10
Blood Donation and	Blood bank of	7	120

Identification Camp	Tvl Govt Medical College Hospital (21.2.2019)		
International Women's Day	Women cell & IQAC	8	291
Pre RD Parade Camp	Bissvesaraya Technological University	-	1
Medical Checkup Programme	SEED Medical Trust	1	46
Bharathi oula	Visu Educational Trust	-	1
National Voters Day	Election Wing , Tamilnadu	6	120
International Women's Day	Youth Welfare & IQAC	8	291
Yoga Day	Sports Development Authority of Tamilnadu	4	52
Anna Poorna Thitam	Sri Sathya Sai Trust and R-soya Trust	1	12
Cultural Programme	Swasth Bharat Yatra	2	2
Recycle the Waste paper	R-soya Trust	1	1
Polio Sottumugam	Tamilnadu Government & VIVID	2	3
Gypsy	The M.D.T Hindu college	1	5
Bharathi vizha	*Pothigai Tamil Sangam*	1	2

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

Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited
Best NSS Unit Award	Best NSS Unit of MSU	NSS,MSU	3
Best NSS Volunteers Award	Best NSS Volunteers of MSU	NSS,MSU	3
Tamirabarani River Cleaning	Appreciation Award to College	District Collector, Tirunelveli	150
Social Work[9/3/19]	Best Woman Award	Rotary Club	12
Rally –Speech and Hearing care 1/3/19	Appreciation Award	District Collector	5
N.S.S	National level N.S.S Volunteer	National Youth Festival at Greater Noida	1

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

Name of the scheme	Organising unit/ agency/ collaborating agency	Name of the activity	Number of teachers coordinated such activities	Number of students participated in such activities
Skill Development	MSU	Adventure Camp	1	1
Swaach Bharath	NSS,MSU	*Sorimuthu Ayyanar Aadi ammavasai*	1	4
Special Camp	NSS,MSU	Service to the Village River Bank Cleaning	1	50
One day Camp	Tirunelveli	River Bank Cleaning	1	50
One day Camp AIDS Awareness	District AIDS Control Society	AIDS Awareness	1	50
Blood Donation Camp	Tirunelveli Medical College	Blood Donation	6	50
Voters Awareness	Election Wing,Tamilnadu	Voters Awareness	6	120
NSS Volunteer	Participated in International Youth Welfare and Cultural Development	International level	1	1
International Yoga day[21/6/18]	Sports Development Authority of Tamilnadu	Yoga	4	1
Annapoorna day[5/7/18]	Sri Sathya Sai trust And R-soya trust	Food Cultural Programme	1	52
Food safety	Swaach Bharath	Social work	1	2
Recycle [31/1/19]	R-soya Trust	Recycle the Waste paper	1	2
Ministry of Youth affairs and Sports	NSS	Youth Parliament	1	3

3.5 Collaborations				

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

Nature of Activity	Participant		Source of financial support	Duration
	Our College	Other Colleges/ University		
Doctoral Committee	Dr.K.Alli	1.Dr. S. Pious Missier Associate Professor of Mathematics (Rtd), V.O.Chidambaram College, Thoothukudi. 2.Dr. M. Lellis Thivagar Professor & Chair Person , School of Mathematics, Madurai Kamaraj University, Madurai	M.S.U	3.8.2018
	Dr.K.Alli Scholar (V.Shanmuga Priya)	1. Dr.Syed Ali Fathima Assistant Professor of Mathematics, Sadakathulla Appa College, Tirunelveli 2.Dr.M.Himaya Jaleela Begum Assistant Professor of Mathematics, Sadakathulla Appa College, Tirunelveli	Sadakathulla Appa College, (Autonomous)	16.8.2018
	Dr.K.Alli Scholar (Issai arasi)	1.Dr.Syed Ali Fathima Assistant Professor of Mathematics, Sadakathulla Appa College, Tirunelveli 2.Dr.M.Himaya Jaleela Begum Assistant Professor of Mathematics, Sadakathulla Appa College, Tirunelveli	Sadakathulla Appa College, (Autonomous)	16.8.2018
	Dr.K.Dass & Dr.K.Chelliah Scholar (Geetha Jeyalakshmi)	Dr.M.Anitha, Assistant Professor of Mathematics, Rani Anna College, Tirunelveli	M.S.U	20.8.2018
	Dr.K.Dass & Dr.K.Chelliah Scholar (Suresh)	Dr.M.Anitha, Assistant Professor of Mathematics, Rani Anna College, Tirunelveli	M.S.U	20.8.2018
	Dr.K.Dass & Dr.K.Alli	Dr.M.Anitha, Assistant Professor of Mathematics, Rani Anna College, Tirunelveli	M.S.U	20.8.2018
	Dr.K.Murugan	1.Dr.R.Kala, Professor of Mathematics, M.S.University, Tirunelveli 2.Dr.K.Selva Kumar, Assistant Professor of Mathematics,	M.S.U	20.8.2018

		M.S.University, Tirunelveli		
	Dr.K.Murugan	1.Dr.R.Ponraj, Assistant Professor of Mathematics, Sri Paramakalyani College, Alwarkurichi 2. Dr.R.Kala, Professor of Mathematics, M.S.University, Tirunelveli 3. S.Somasundaram, Professor of Mathematics, M.S.University, Tirunelveli	M.S.U	20.8.2018
	Dr.M.P.Syed Ali Nisaya	Dr.Syed Ali Fathima & Dr.S.Firthous Fathima Assistant Professor of Mathematics, Sadakathulla Appa College, Tirunelveli	Sadakathulla Appa College, (Autonomous)	27.8.2018
	Dr.S.Chelliah & Dr.K.Murugan	Dr.J.Golden Ebenezer, Assistant Professor of Mathematics, Sarah Tucker College, Tirunelveli	M.S.U	3.9.2018
	Dr.S.Chelliah & Dr.K.Murugan Scholar (S. Vanithsri)	1.Dr. G.Uthaya Sankar, Assistant Professor of Mathematics, M.S.U College, Sankarankoil 2. Dr.J.Golden Ebenezer, Assistant Professor of Mathematics, Sarah Tucker College, Tirunelveli	M.S.U	3.9.2018
	Dr.S.Chelliah & Dr.K.Dass Scholar (A.Sakila Bhanu)	Dr. S.Asha, Assistant Professor of Mathematics, N.M.C College, Marthandom.	M.S.U	3.9.2018
	Dr.A.Subramanian	1. Dr.M.Anitha, Assistant Professor of Mathematics, Rani Anna College, Tirunelveli 2.Dr.M.Marudai Honarary Professor of Mathematics, Bharadhidasan University, Tiruchy 3. Dr.K.Selva Kumar, Assistant Professor of Mathematics, M.S.University, Tirunelveli	M.S.U	24.9.2018
	Dr.N.Meena	1. Dr.M.Anitha, Assistant Professor of Mathematics, Rani Anna College, Tirunelveli 2.Dr.M.Marudai Honarary Professor of	M.S.U	24.9.2018

		Mathematics, Bharadhidasan University, Tiruchy 3.Dr.R.Selvi, Assistant Professor of Mathematics, Sri Parasakthi College for Women, Courtallam		
	Dr.K.Dass& Dr.K.Alli	Dr.R.Ponraj, Assistant Professor of Mathematics, Sri Paramakalyani College, Alwarkurichi	M.S.U	2.1.2019
	Dr.M.P.Syed Ali Nisaya& Dr.K.Murugan	Dr.R.Kala, Professor of Mathematics, M.S.University, Tirunelveli	M.S.U	3.1.2019
	Dr.K.Dass	1. Dr.R.Ponraj, Assistant Professor of Mathematics, Sri Paramakalyani College, Alwarkurichi 2. Dr.R.Kala, Professor of Mathematics, M.S.University, Tirunelveli	M.S.U	4.1.2019
	Dr.K.Murugan	1. Dr.R.Kala, Professor of Mathematics, M.S.University, Tirunelveli 2. Dr.R.Ponraj, Assistant Professor of Mathematics, Sri Paramakalyani College, Alwarkurichi	M.S.U	4.1.2019
	Dr.M.P.Syed Ali Nisaya	1.Dr.S.Firthous Fathima Assistant Professor of Mathematics, Sadakathulla Appa College, Tirunelveli 2. Dr.M.Himaya Jaleela Begum Assistant Professor of Mathematics, Sadakathulla Appa College, Tirunelveli	M.S.U	4.1.2019
	Dr.M.P.Syed Ali Nisaya	1.Dr.D.S.T.Ramesh, Associate Professor of Mathematics, Nazareth Margoschis College, Nazareth. 2. Dr.D.Jeya balan Kennedy, Associate Professor of Mathematics,Nazareth Margoschis College, Nazareth	M.S.U	5.1.2019
	Dr.S.Chelliah & Dr.K.Dass	Dr. S.Pasungili Pandian, Head &Associate Professor of Mathematics, Aditanar College of Arts & Science, Tiruchendur	M.S.U	7.1.2019
	Dr.K.Alli	1.Dr.Jessie Theodore, Assistant	M.S.U	7.1.2019

		Professor of Mathematics, Sarah Tucker College, Tirunelveli 2.Dr.I.Gnana Selvi, Assistant Professor of Mathematics, Sarah Tucker College, Tirunelveli		
	Dr.K.Murugan	1.Dr.R.Kala, Professor of Mathematics, M.S.University, Tirunelveli 2.Dr.K.Selva Kumar, Assistant Professor of Mathematics, M.S.University, Tirunelveli	M.S.U	8.1.2019
	Dr.K.Murugan	1.Dr.R.Kala, Professor of Mathematics, M.S.University, Tirunelveli 2.Dr.A.Nagrajan, Associate Professor of Mathematics, V.O.Chidambaram College, Thoothukudi	M.S.U	9.1.2019
	Dr.S.Chelliah	1.. Dr.J.Golden Ebenezer, Assistant Professor of Mathematics, Sarah Tucker College, Tirunelveli 2.dr.D.Premalatha, Assistant Professor of Mathematics,Rani Anna College, Tirunelveli 3. Dr.Jessie Theodore, Assistant Professor of Mathematics, Sarah Tucker College, Tirunelveli	M.S.U	9.1.2019
	Dr.K.Alli	Dr.Syed Ali Fathima & Dr.S.Firthous Fathima Assistant Professor of Mathematics, Sadakathulla Appa College, Tirunelveli	Sadakathulla Appa College, (Autonomous)	9.1.2019
	Dr.K.Murugan	1.Dr.R.Kala, Professor of Mathematics, M.S.University, Tirunelveli 2. Dr.M.Marudai Honarary Professor of Mathematics, Bharadhidasan University, Tiruchy	M.S.U	12.2.2019
	Dr.N.Meena	1.Dr.R.Kala, Professor of Mathematics, M.S.University, Tirunelveli 2.Dr.S.Murugesan, Associate Professor of Mathematics, Sri S.R.Naidu Memorial College, Sattur.	M.S.U	12.2.2019
	Dr.N.Meena &	Dr.P.Arul Paul Sudhahar, Assistant Professor of	M.S.U	21.2.2019

	Dr.A.Subramanian	Mathematics, Rani Anna College, Tirunelveli		
	Dr.K.Murugan	1.Dr.R.Kala, Professor of Mathematics, M.S.University, Tirunelveli 2. Dr.M.Marudai Honarary Professor of Mathematics, Bharadhidasan University, Tiruchy	M.S.U	7.3.2019
	Dr.K.Murugan Dr.K.Alli	1.Dr.Syed Ali Fathima Assistant Professor of Mathematics, Sadakathulla Appa College, Tirunelveli 2. Dr.R.Ponraj, Assistant Professor of Mathematics, Sri Paramakalyani College, Alwarkurichi	Sadakathulla Appa College, (Autonomous)	2.4.2019
	Dr.K.Alli	1.Dr.Syed Ali Fathima Assistant Professor of Mathematics, Sadakathulla Appa College, Tirunelveli 2.Dr.Gowri, Assistant Professor of Mathematics, Governmenr College for Women, Kumbakonam	M.S.U	8.4.2019
	Dr.K.Balasubramanian & Dr.D.Silambarasan	Dr.G.V.Anuradha Assistant Professor of Physics, Sri Parasakthi College for Women,Courtallam	M.S.U	2.1.2019
	Dr.D.Silambarasan,& Dr.K.Balasubramanian	Dr.K.Mohanraj, Assistant Professor of Physics, M.S.University,Tirunelveli	M.S.U	4.1.2019
	Dr.A.S.I Joy Sinthiya & Dr.K.Balasubramanian	Dr.R.Jothimani, Assistant Professor of Physics, Sadakathulla Appa College,	Sadakathulla Appa College, (Autonomous)	4.1.2019
	Dr. P. Velmani	Dr. P. Velmani	Rani Anna College, Tirunelveli	30.7.2018
	Dr. P. Velmani	Dr. P. Velmani	Sri Sarada College for Women, Tirunelveli	25.08.2018
	Dr.M. Muthu Alamelu	Dr.M.Muthu Alamelu, Dr.A.Jafar Sathic, Assistant Professor, Department of Business Administrative, M.S.U College, Sankarankovil	M.S.U	7.1.2019

	Dr.A. Chellapa	Dr.A. Chellapa, Associate Professor of Tamil	Sri Parasakthi College for Women, Courtallam	7.1.2019
	Dr.T.Karuppiah	Dr.T.Karuppiah, Associate Professor of Tamil	Kongunadu Arts and Science College, Coimbatore	10.4.2019

Board of Studies

Participant	Source of Financial Support	Duration
Dr.D.Muthuraj, Associate Professor of Physics, (PG)	Sri.S.Ramasamy Naidu Memorial College, Sattur	15.2.2018
Dr. P. Velmani,Assistant Professor of Computer science (UG)	V.V.V. College for Women, Virudhunagar.	07.06.2018
Dr.M.Elango, Associate Professor of Physical Education , (UG)	M.S University	10.10.2018
Dr.K.AlliDr.K.Alli, Assistant Professor of Mathematics (UG)	Sarah Tucker College, Tirunelveli	6.12.2018
Dr.A.Subramanian, Principal, (PG)	Mannar Thirumalai Naicker College, Madurai	9.2.2019
A.K.Kumaresh, Associate Professor of Computer Science (UG)	Sourashtra College, Madurai	13.2.2019
Dr. P. Velmani, Assistantte Professor of Computer Science (UG)	St.Mary's College, Thoothukudi	16.02.2019
Dr.V.C.Shankar, Head and Associate Professor of Commerce (UG & PG	Sri Parasakthi College for Women, Courtallam	18.2.2019
Dr.S.Chelliah, Associate Professor of Mathematics (UG)	M.S.University, Tirunelveli	1.4.2019
Dr. P. Velmani,Assistantte Professor of Computer Science (UG)	V.V.V. College for Women , Virudhunagar	23.4.2019

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact Details	Duration (From- To)	Participant
Internship	Web Designing-Dot net	Dev care solution, Tenkasi	11.3.2019-26.4.2019 47 days	4

Sharing of Research Facilities Instrumentation Lab	FT-IR Analysis	Sri Parasakthi College for Women, Courtallam	3.8.2018	2
		Sarah Tucker College, Tirunelveli	13.8.2018	1
		Sri KGS Arts College, Srivaikundam	8.2.2019	4
		Rani Anna College for Women,Tirunelveli	13.2.2019	1
		Sathakathulla Appa College, Tirunelveli	6.2.2019	10
	UV-Visible Analysis	Sri Parasakthi College for Women, Courtallam	3.8.2018	2
		Sarah Tucker College, Tirunelveli	13.8.2018	1
		Sri KGS Arts College, Srivaikundam	8.2.2019	4
		Rani Anna College for Women,Tirunelveli	13.2.2019	2
		Sathakathulla Appa College, Tirunelveli	6.2.2019	11
	Micro Hardness Analysis	Sri Parasakthi College for Women, Courtallam	3.8.2018	2
		Sarah Tucker College, Tirunelveli	13.8.2018	1
		Rani Anna College for Women, Tirunelveli	13.2.2019	2

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

Organization	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
University& PG and Research Department of Mathematics	4.4.2019	To take up research projects in collaboration with the other research institutions in around Tirunelveli dist.	50/9
PG and Research Department of Mathematics & PG and Research Department	20.4.2016 The memorandum of Understanding between the two will come into	The partners will make use of its own research strength along with the research and experience	50/9

of Mathematics, Sri Parasakthi College for Women, Courtallam	effect on the date of signature and will remain in force until either side delivers written notification to the other of its intention to terminate the Memorandum in which case it will terminate three months after the receipt of such notification	of the Department of Mathematics, staff members of the two department of Mathematics to contribute to the ongoing process of policy formulation and programme implementation to achieve sustained scientific development.	
PG and Research Department of Physics & Sri Paramakalyani College, Alwarkurichi	2011 Until partners deliver written notification to the other intention to terminate the memorandum, it will terminate three months after the receipt of such a notification.	The research outputs along with a short summary of conclusions would be made available to both partners and will evolve a mechanism for exchange of experiences and expertise for mutual benefit of both the organizations.	50/9
K. Kathiresan Trust, Chidambaram,Department of Zoology& University	2011 Until partners deliver written notification to the other intention to terminate the memorandum, it will terminate three months after the receipt of such a notification	Environment for future generations and to cater the value added education to the people particularly with the financial constraints. To make draft guidelines for the management of environment and food	35/4

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

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

Budget allocated for infrastructure Augmentation	Budget utilized for infrastructure development
32,92,316	32,92,316

4.1.2 Details of augmentation in infrastructure facilities during the year

Facilities	Existing	Newly added
Campus area	83 acres	-
Class rooms	57	-
Laboratories	12	1 BCA Lab
Seminar Halls	04	-
Classrooms with LCD facilities	10	-
Classrooms with Wi-Fi/ LAN	57	-
Seminar halls with ICT facilities	06	-
Video Centre		-
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	03	10 Computers
Value of the equipment purchased during the year (Rs. in Lakhs)	-	3 Lakhs
Others	-	-

4.2 Library as a Learning Resource

4.2.1 Library is automated {Integrated Library Management System-ILMS}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Auto Lib	Partially	2005	2017

4.2.2 Library Services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	63481	2248188	766	62083	64247	2310271
Reference Books	1727	0	0	0	1727	0
E-Books	80409	0	0	0	80409	0
Journals	23	44730	10	19234	33	63969
e-Journals	3828	0	0	0	3828	0
Digital Database	02	0	01	0	03	0
CD & Video	159	0	0	0	159	0
Library automation	1	0	0	0	1	-
Weeding (Hard & Soft)	-	-	-	-	-	-
Others (specify)	-	-	Lib.App + Gift books	23000	App	23,000

4.3 IT Infrastructure

4.3.1 Technology Upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available band width (MGBPS	Others
Existing	154	90	Wi-fi	15	-	16	33	100MBPS	-
Added	10	10	-	-	-	-	-	-	-
Total	164	100	Wi-fi	15	-	16	33	100 MBPS	-

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

………100………… MBPS

4.3.3 Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
-	-

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

Name of the teacher	Name of the module	Platform on which module is developed	Date of launching e - content
-	-	-	-

4.4 Maintenance of Campus Infrastructure

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

Assigned budget on academic facilities	Expenditure incurred on maintenance of Academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities (Rs)
9,09,209	9,09,209	32,92,316	32,92,316

4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (information to be available in institutional Website, provide link)

The institution provides adequate facility of physical infrastructure for conduct of Academic, Sports and other Cocurricular activities. There is a systematic procedure for the purchase as well as maintenance of infrastructural facilities including all sorts of equipments. First the proposal is submitted and then it's evaluation is done by the college office. It must get the approval by the principal and then quotations are invited. After the approval of the management the required item is purchased and entered in the stock register. At the end of every

academic year stock verification is done by the staff members assigned by the principal. HODs of the concerned departments and Lab incharges look after the maintenance of their respective lab equipments and other facilities. Stock register and maintenance account is maintained by lab technicians and supervised by HODs of the concerned departments. The nonteaching staff are also trained in maintenance of lab materials and equipments. Librarian and supporting staff in the central library regularly monitor the condition of the library stock, maintain rare books, collection, issue and maintenance of the books. Library cards are issued to the students. Department library in some departments is maintained by the supporting staff of the concerned departments. Librarian is responsible to collect the required list of books based on updated syllabus from the concerned department HODs at the beginning of every academic year. The finalized list of required books is duly approved and signed by the Principal and librarian monitors all the purchase. To ensure return of books, 'no dues' from the library is mandatory for students before appearing their exam. The proper account of visitors (students and staff) on daily basis is maintained. The Library rules for the students are available in a Student Hand Book (2018 2019, Pages 5759). The Physical Education, Health Education and Sports department and Director of Physical Education is very active and encourages students to participate in various sports activities, along with training and coordinating various sports in the college. Outdoor game facilities for Football, Volleyball, Basketball, Cricket, Tennis, KhoKho, Hand Ball, Hockey and indoor facilities for Basket Ball, Batminton and Table Tennis board are available for students. Multipurpose Indoor stadium is available. Sixteen station gymnasium is available for students to maintain physical fitness. Department of youth welfare encourages students in cultural activities. The equipments/instruments available are Parrai, thavil, Kumbam, Kavadi, Salangai, Kiluku, Murasu, Singi, Kolattam sticks, Drum, Western Costumes, Folk dance, Mime Costumes, Oyil Clothes, Audio system and two ladders that are used by students with special interest. The equipments like air conditioners, UPS, generators, water motors, pumps, water purifiers and water coolers are also taken care of either by AMC or time to time inspection. Day to day maintenance is ensured by the supporting staff. Fire extinguishers, CCTV cameras, LCD projectors have been installed at identified locations. The college website is maintained regularly by Ethoughtz, Chennai. Adequate Inhouse staff is employed to meticulously maintain hygiene and cleanliness of the campus so as to provide a congenial learning environment.

http://mdthinducollege.org/iqac/201819/procedure_4.4.2.pdf

CRITERION V - STUDENT SUPPORT AND PROGRESSION			
5.1 Student Support			
5.1.1 Scholarships and Financial Support			
	Name /Title of the scheme	**Number of students**	**Amount in Rupees**
Financial support from institution	Endowment Prizes & Scholarships	74	54,672
	Secretary A.L.S Endowment Scholarship	9	36,000

Financial support from other sources			
Government	Single girl child UGC Scholarship	Nil	Nil
Others	Sathya sai Education Committee	18	54,000
	Kalam Charity Scholarship	12	11,400
	PG Physics Scholarship	2	2,400
	Beedi Workers Scholarship	32	64,000
State Government	BC&MBC	324	4,94,684
	Tamil medium	171	1,53,900
	SC	245	22,35,462
	Saiva Vellalar Scholarship	11	22,000

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

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Soft Skill Development	13.12.2018	36	Entrepreneur guidance cell
Remedial	25.2.2019	164	All Teaching Staff Members
Yoga	21.6. 2018	120	Heart fullness Trust
Mentoring	14.2.2019	247	All Teaching Staff Members
Bridge Course	18.6.2019 & 19.6.2019	770	All Teaching Staff Members
Language Lab	27.02.2019 - 27.4.2019	88	English Department Faculty Members

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

Year	Name of the scheme	Number of benefited students by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
17Dec. 2018	Corporate social responsibility initiative training programme [ENOVA Technologies Ltd, Coimbatore]	-	91	-	-
22 Feb 2019	Personality Development program by ISKCON	-	89	-	-
26.2.2019 – 28.2.2019	Youth leadership &community programme by Nehru Yuva Kendra, Tirunelveli	-	5	-	-
27 Feb 2019	Personality Development program by ISKCON	-	36	-	-
7 Mar 2019	Personality Development program by ISKCON	-	37	-	-
5 March 2019	Communication Skills and Personality Development.	-	72	-	-
2 April 2019	Vocational Training by Entrepreneurs guidance cell	-	4	-	-

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

Total grievances received	No. of grievances redressed	Average number of days for grievance redressal
Nil	Nil	Nil

5.2 Student Progression

5.2.1 Details of campus placement during the year

On campus				Off Campus		
Name of Organizations Visited	**Number of Students Participated**	**Number of Students Placed**	**Name of Organizations Visited**	**Number of Students Participated**	**Number of Students Placed**	**Name of Organizations Visited**
24.Dec.2018 Dev care solutions, Chennai	76	7	-	-	-	-
21 Feb.2019 TVS Training & Services Ltd, Chennai for ICICI Bank	112	76	-	-	-	-
10 Aprl 2019 Ramachandra Group of Companies, Trivandrum	81	76	-	-	-	-
12 Aprl2019 Chakravarthi Group of Companies, Triupur	30	10	-	-	-	-
12 Aprl2019 L& T Finance Ltd by IAS Placement Institution	30	8	-	-	-	-
24 Aprl2019 CubeYogi, Ambasamudram	19	3	-	-	-	-
Total Number of Students placed		180	-	-	-	-

5.2.2 Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
2018-2019	B.A, B.Com,M.A, B.Sc, M.Sc, BCA	5	B.Com (A)	M.S University, Johns College, SCAD Eng College, SRM College,	M.Com, MBA, Law, ACS coaching
		9	Computer Science	M.S University, Govt. College of Engineering	M.Sc, MBA
		12	Mathematics	The M.D.T Hindu	M.Sc,

			College	
	11	Physics	The M.D.T Hindu College (Boys-5,Girls-6)	M.Sc
	7	Physical Education	Alagappa,YMC, St. JohnsCollege, Sivanthiadhithanar College, Scott Christian College	B.PEd
	4	Economics	The M.D.T Hindu College -2 Johns College -2	2 MA 1 Mphil 1 Ph.D
	9	B.Com (A)	MS University, The M.D.T Hindu College, Sadakathulla Appa College	M.Com, MBA
	2	Computer Science	Rani Anna Arts and Science College	M.Sc Computer Science
	3	B. Com (corp)	The M.D.T Hindu College, M.S University	M.Com, ICWA, MBA
	5	English	Rani Anna College-4 M.S.University	M.A English Literature
	5	B.Com	The M.D.T Hindu College	M.Com

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

Items	No. of Students selected/ qualifying	Registration number/roll number for the exam
NET	-	-
SET	-	-
SLET	-	-
GATE	-	-
GMAT	-	-
CAT	-	-
GRE	-	-
TOFEL	-	-
Civil Services	-	-
State Government Services	2+5+8+1	-
Any Other		

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

Activity	Level	Particants
Donor's Day	Institutional Level	2474
Science Day	Institutional Level	94
Women's day	Institutional Level	291
Manithi Fest	Institutional Level	291
Pongal Celebration	Institutional Level	2474
Teacher's Day	Institutional Level	2474
National Integration Day	Institutional Level	2474
Entrepreneur Skill- Exhibition cum sale	Institutional Level	242
Sports Day	Institutional Level	2474
Intra Department Quiz (Computer Science)	Department Level	30

5.3 Student Participation and Activities

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

Year	Name of the ward/medal	National/ International	Sports	Cultural	Student ID number	Name of the student

5.3.2 Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution

- Students are included as representatives in different forums like Women cell, Fine Arts Club and Department of Youth Welfare.
- Students are editorial board members in Students' science biannual magazine- *Vignana Pookal.*
- Willing Students are motivated to co-operative with Heads of various departments to assist in all the activities of the departments and college.
- They also organize various programmes in the campus, such as Welcome Parties for the Fresher's, Farewell Parties for the outgoing students, Teacher's Day, Women's Day, Pooja festival, *Kalai Pongal* competitions and *Samathuva Pongal Vizha.*

Mr. AnandhaPrabhu II. M. Sc Physics was nominated as a student representative in the IQAC Steering Committee.
A student from each class was nominated as a student representative in the IQAC student council. The function of the member is to collect the details of the student activities in their class.

5.3 Alumni Engagement

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details

Alumni Association of the college functions fruitfully with a high aim of being a supportive system of the objectives of the college. After a long fruitful function for several years, the different associations are merged as a single association "The MDT Hindu College Alumni Association" and it was registered on September 2015 (Register No: 31/2014, Dated: 13.7.2014). The purpose of an alumni association is to render the spirit of loyalty

to their alma mater. It bothers much about the well fare of the institution, to achieve the goals. It functions as a bridge between the alumni of the institution and the community. Alumni provide moral support to all the endeavors. Meritorious Alumni visit the Departments and motivate the students through Career Guidance Programmes as Resource Persons. The purpose of alumni of our esteemed institution helps and supports our learners continuously both financially and physically. It generously contribution of our alumni association in the academic performances, placement opportunities and enhancement of infrastructural facilities jointly with the contribution from the management. The alumni of the department of Physics have instituted a "Kalam Charity", through which the poo'r students of Physics are supported financially.

5.3.2 No. of enrolled Alumni:

15+ 598 = 613

5.3.3 Alumni contribution during the year (in Rupees) :

11400+2400 = 13,800

5.3.4 Meetings/activities organized by Alumni Association :

CRITERION VI –GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 Mention two practices of decentralization and participative management during the last year

The Internal Quality Assurance Cell, from its establishment, is a unit of high level autonomy. It is an independent unit but not autocratic and it has a Steering Committee which consists members from the Management, Teaching Staff, Administrative Staff, Alumni and local society. This Committee meets once in three months and discusses important and designs progressive plans and improvement actions. In the same way, the responsibilities and work load have not been accumulated within the unit itself. The IQAC has set up a committee consisting members from all departments and the responsibility has been well shared among all the staff. The quality improvement plans designed by the Steering Committee of IQAC are informed to the Heads of the departments and the possible ways to implement them are discussed. The plans are in turn informed to the staff members by the concerned Heads. The plans are effectively and meticulously carried out in the departments by the staff members and the Sub Committee Member of the department functions as the bridge between the faculty and the IQAC. Though the IQAC is in continuous touch with all the other forums of the college such as NCC, NSS, Youth Red Cross, Career Guidance and Counseling Cell, Women Grievance Redressal Cell, Eco Club, Hindu College Outreach Programme, LEAD and Department of Youth Welfare, the concerned Coordinators are highly empowered to lead their units. Even the work of documentation and preparation of IQAC reports is shared by the faculty members.

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

Yes/No/Partial:

Partial

6.2 Strategy Development and Deployment

6.2.1 Quality improvement strategies adopted by the institution for each of the following:

❖ Curriculum Development
  Curriculum is designed by the affiliating University

❖ Teaching and Learning
  Teaching with ICT aids are implemented in all departments. Teachers are using LCD Projectors, online resources and smart boards. Students are encouraged to use internet to get online learning resources. In all

departments students are encouraged to participate the inter collegiate competitions organized by various colleges. All departments are regularly arranging association meeting to introduce the latest developments in the respective field. The info daily.chem by the department of chemistry and discussion on computer related general knowledge questions, brain exercises, carrier oriented awareness programmes, magazines display by the department of computer science, publications of bilingual, biannual students science magazine Vignana pookal are the regular practices available to inculcate latest knowledge to the students.

❖ Examination and Evaluation

The institution follows the evaluation norms prescribed by the affiliating university. Apart from that class tests are conducted.

❖ Research and Development

Five departments are recognized research centers and 42 teachers are recognized research guides.

❖ Library, ICT and Physical Infrastructure /Instrumentation Well equipped and partially automated library serves the need of the students. Elibrary helps the students to get online learning resources. Apart from that department libraries function to equip PG students and research scholars. The college has all sorts of ICT facilities. The students enjoy well furnished, spacious and airy classrooms.

❖ ☐ Infrastructure :   Two indoor Stadiums

❖ ☐ Instrumentation: FIST Sponsored Physics Lab

❖ Admission of Students:

Admissions are made as per state government norms and transparency is maintained

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

❖   Planning and Development

❖ Administration

The college has Bio metric attendance for teaching and nonteaching staff.
The college campus has equipped with CCTV Cameras at some places of need.
Some official communications are carried via email and WhatsApp group
All books in the library are bar coded. Some rare and old books are digitized.
Payments of staff salary to interns electronically.
Government epayslip is used by the faculty members to initiate paperless office.

❖   Finance and Accounts

The college uses special software for transparent functioning of Finance and Accounts department of the college and it is maintained by the Kaneni Soft Tech Pvt Ltd at Chennai.
This helps to increase the efficiency. The college conducts regular audit of annual books of accounts. The administrative office keeps all financial records separately as per the events and transactions made for.

❖   Student Admission and Support

Students can download application form through college website
All received applications are maintained as a department wise data base and scrutinized list are prepared as per the government norms. The eligible scholarship amounts to the students are credited to their accounts and the college has helped to link the student's mobile number with their aadhar number. Computerized receipt are given to the students for their fees payment
Ebooks are maintained in library to support for research scholars

❖   Examination

Students internal marks and attendance are communicated to the university by Staff members through Exampro portal provided by the university. Students are paying the examination fees to the university through the online portal of the university. Students are receiving their result through smart phones and the same can be viewed through university website.

6.3 Faculty Empowerment Strategies

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

Year	Name of the Teacher	Name of Conference/workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support (Rs)
27.9.2018 & 28.9.2018	Dr.A.Sivagurunathan Dept.of Zoology	PFMS Workshop at Avinashilingam University	-	1500/-
9.11.2018 & 10.11.2018	Dr.A.Sivagurunathan Dept.of Zoology	PFMS Workshop at Sathakathullah Appa College, Tirunelveli	-	1000/-
14.12.2018 & 15.12.2018	Dr.A.Sivagurunathan Dept.of Zoology	NAAC Workshop at VOC College, Thoothukudi	-	750/-
14.12.2018 & 15.12.2018	Dr.K.Balasubramanian Dept.of Physics	NAAC Workshop at VOC College, Thoothukudi	-	750/-

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

Year	Title of the professional development programme organized for teaching staff	Title of the administrative training programme organized for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
2019	H-index / citation programme		5.4.2019	40	-

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

Title of the professional development programme	Number of teachers who attended	Date and duration (from – to)
Refresher Course	Dr.V.Gomathi Nayagam Dept. of Chemistry	09.11.18 to 29.11.18
	Dr. J. Uma Maheswari Dept. of Physics	08.11.18 to 28.11.18
	Dr. A. N. Seetha Lakshmi Dept. of Physics	16.11.18 to 6.12.18
	Dr. K. Subramonian Dept. of Botany	16.11.18 to 06.12.18
	Dr.N.Meena Dept. of Mathematics	18.05.19 to 31.05.19

Orientation Programme	Dr.K.Murugan Dept. of Mathematics	18.05.19 to 31.05.19
	Dr.V.Gomathi Nayagam Dept. of Chemistry	20.02.18 to 26.02.18
	Dr.M.P.Syed Ali Nisaya Dept. of Mathemstics	08.11.18 to 05.12.18
	Dr. S.Loghambal Dept of Mathematics	08.11.18 to 05.12.18
	Dr.K.Viswasarojini Devi Det. of Commerce	08.11.18 to 05.12.18
	Dr.T.Muthu Lakshmi Dept. of Tamil	22.02.19 to 24.02.19
	Dr.S.Ramalakshmi Dept. of Tamil	08.11.18 to 5.12.18

6.3.4. Faculty and Staff recruitment (no. for permanent/full time recruitment):

Teaching		Non Teaching	
Permanent	**Full time**	**Permanent**	**Full time**
-	-	-	

6.3.5. Welfare Schemes for

Teaching	GPF, Special PF, Family Benefit Fund, Health Insurance, ACPF
Non-teaching	GPF, Special PF, Family Benefit Fund, Health Insurance, ACPF
Students	Scholarships (SC/ST, BC, MBC/DNC, Indiragandhi Single Child, Merit, Beedi, Uzhavar, EVR Nagammaiyar Memorial, T.M. Stipend)

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

The Management conducts internal auditing for Management funds regularly every year. For government funds auditing is conducted by the office of Audit General and office of Regional Joint Director of Collegiate Education periodically.

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

Name of the non-government funding agencies/ individuals	Funds/ Grants received in Rs.	Purpose
Endowment Scholarship & Prizes	40,738	Merit
Secretary ALS Endowment Scholarship	36,000	Merit
Kalam Charity Scholarship	11,400	Merit
PG Physics Scholarship	2,400	Merit
Sathya Sai Education Committee Merit Scholarship	33,000	Merit
Beedi Scholarship	64,000	Merit
Rotary Club	2,500	Merit

6.4.2. Total corpus funds generated 2017 – 2018 Rs. 14,230/-				
6.5. Internal Quality Assurance System				
6.5.1. Whether Academic and Administrative Audit (AAA) have been done?				
Audit Type	**External**		**Internal**	
	Yes/ No	Agency	Yes/No	Agency
Academic			No	
Administrative			Yes	Management
6.5.2 Activities and support from the Parent – Teacher Association				
1. Salary to temporary non- teaching staff 2. Contribution to the general maintenance				
6.5.3 Development programmes for support staff				

6.5.4 Post Accreditation initiative(s) * BCA Lab was established on 06.03.2018				
6.5.5 **a.** Submission of Data for AISHE portal : **Yes** b. Participation in NIRFN : No c. ISO Certification : No d. NBA or any other quality audit : No				
7.5.6 Number of Quality Initiatives undertaken during the year				

Year	Name of Quality Initiative by IQAC	Date of conducting activities	Duration (from to)	Number of Participants
2018 – 2019	Bridge Course for Fresher's	18.06.18 & 19.06.18	Two days	700
2018 – 2019	Faculty Development Program e-learning Resources & NPTEL	08.02.2019	One Day	77
2018 – 2019	Faculty Development Program H- index/ citation programme	05.04.2019	One Day	40

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Title of the Programmes	Period (from – to)	Participants	
		Female	Male
Women's Day celebration in Commerce Department	26.10.2018	15	--
Samooga Maartangalil Pengalin Pangu (Kavingar Sakthi Jothi)	20.02.2019	82	--
Science Day Competition	25.02.2019 to 27.02.2019	64	30
Women's Day Competition	08.03.2019	291	-
Manithi Fest	12.03.2019	40	10
Arrangement to get Passport to the students in the campus	23.04.2019	06	107

7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as: Percentage of power requirement of the College met by the renewable energy sources

Bio Mass Energy Resources -5%

7.1.3 Differently abled (Divyangjan) friendliness

Items Facilities	Yes/No	No. of Beneficiaries
Physical facilities	Yes	3
Provision for lift	No	-
Ramp/Rails	Yes	3
Braille Software/facilities	No	-
Rest Rooms	No	-
Scribes for examination	Yes	1
Special skill development for differently able students	No	-
Any other similar facility	No	-

7.1.4. Inclusion and Situatedness

Enlist most important initiatives taken to address locational advantages and disadvantages during the year

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff
2018 to 2019		8	09.08.18 to 12.08.18	*Sorimuthu Ayyanar Kovil Adi Ammavasai festival*	To Clean around SMAK	8

			24.09.18	Meeting with public *Kondanagram* village	Issue notices about the importance of river Thamirabarani	50
			09.10.18	One day camp in *Thai poosam Mandapam*,TVL	Cleaning River bank	50
			11.10.18	One day camp in *Thai Poosam Mandapam,* TVL	Cleaning River bank	54
			14.12.18	Collected Kaja Cyclone relief material for the worth of Rs. 65,000/-	Handed over to the NSS co-ordinator, MS University	50
			22.12.18	Kaja Cyclone relief materials	Delivered the cyclone relief material at Vedaranyam	6
			30.12.18	Eye camp	Bus association and Aravind Eye Hospital	10
			26.1.19 & 27.1.19	*Saiva Samuga* conference	To regulate the gathering	15
	Locational Advantages	6	21.12.2018	VOC Port Trust	Study the Ship Navigation	24
			18.03.2019	ISRO Propulsion Complex, Mahendragiri	To know about the testing, assembling and integrating propulsion system	46
			23.4.2019	Passport Issues	Passports were enabled to the students	113
			5.7.2018	Anna Poorna Thittam	Inguration of Anna Poorna Thitam in	12

				Ambetkar School , tirunelveli	
		26.6.2018	The Day Against Drug	Awareness about the drugs	10
		31.1.2019	Annathaai Ashram	Prepare the cover from recycling waste paper	1
Locational Disadvantages	2			Poor Attendance of Competitive classes	
				Usage of Indoor Stadium in less student members	

7.1.5 Human Values and Professional Ethics		
Code of conduct (handbooks) for various stakeholders		
Title	**Date of Publication**	**Follow Up**

Code of conduct for Principal

The principal should monitor all the academic programmes and general administration of the college to ensure overall effectiveness.

Has authority to take necessary actions as and when required to maintain discipline.

Should report all the activities to the management authorities.

Should ensure that directions issued by the management are strictly compiled and implemented.

Should form various college level committees which are necessary for the development of the college.

Should ensure plans of the academic and other programmes are duly processed and implemented through relevant committees and its members.

Should convene meetings of staff council or various committees as and when required.

Should encourage staff members to update their knowledge by attending seminars/workshops/conferences

Should encourage staff members to publish standard research articles, apply for major/minor research projects, seminar/workshop/conference etc.

Provide leadership, direction and coordination within the college.

Code of Conduct for College Development Committee

Code of conduct for HOD

All HODs should assist the principal to prepare admission list during vacation every year.

Should conduct staff meeting in their respective department for workload allotment and submit time table at the end of previous semester for the every forthcoming semester.

Responsible for respective lab equipments purchase by getting proper permission and quotation.

Responsible for proper maintenance of stock and other records.

Should arrange the meetings of the staff often for the academic and administrative discussion.

Should be responsible for academic planning and implementation of academic policies approved by the Principal.

Submit the enquired records to the IQAC of the college.

Code of conduct for NonTeaching Staff

All nonteaching staff should put fingerprint attendance and sign in attendance register morning before 9.30AM and put fingerprint attendance evening after 5.15PM.

Staff should remain on duty during college working hours 9.30AM to 5.15PM. If any staff want to leave the campus in between, in case of emergency they must get permission from the principal.

Staff working in administrative section should carry out their duties as instructed by the authorities.

Staff working in labs should keep the labs clean, assist the teaching staff and HOD whenever necessary.

In case of any disciplinary problems with any student in the lab session, it should be brought to the notice of the staff immediately. Direct dealing of any issues, without the knowledge of the staff incharge/HOD is to be avoided.

Any loss or damage to any article in the lab should be informed to the Head / Incharge immediately. A register should be maintained with regard to the damage caused.

As per the direction of the HOD, the amount shall be collected through college office for articles damaged by the students by the respective lab incharge.

All the staff should actively assist in the programmes and functions organized by the department and college.

The staff dresses in a manner that is appropriate for an academic environment.

Code of conduct for IQAC Coordinator

Effective implementation of quality policies and plans

Developing quality culture in the institution

Acting as a nodal point of the institution for coordinating quality related activities

Development and application of quality parameters for various academic and extracurricular activities

Arrangement for feedback response from Students, Faculties, Parents and other stakeholders.

Documentation of the various programmes/activities leading to quality improvement.

To do student services to promote overall development of the student support system.

Coordinate, prepare and send AQAR in time.

Update NAAC rules.

Code of conduct for Teaching Staff

All teaching staff should put fingerprint attendance and sign in attendance register morning before

10AM and put fingerprint attendance evening after 4PM.

Staff should remain on duty during college working hours 10AM to 4PM. If any staffs want to leave the campus in between, in case of emergency they must get permission from the principal.

Be in their respective classes on time. For morning first hour class, they must be in the class for prayer.

Attendance of the students should be recorded by staff in every class.

Complete the syllabus in time.

Submit question paper and internal marks in time as per the circular from the principal.

Submit work done report to the IQAC every semester as per the given format.

Record all the details of the mentees allotted in Students Improvement Scheme booklet.

Develop and maintain good relationships with Management, Principal, Colleagues, Students, Parents and other Stakeholders.

Engage and provide positive guidance to the students.

Show no partiality to any segment / individual student

Take responsibility for maintaining the quality of their professional practice.

Maintain professional ethics inside and outside the college.

Maintain standards in relation to teaching and learning, class room management, monitoring, assessment and reporting.

Keep their professional knowledge and skills updated throughout their teaching career.

Support and collaborate with higher authorities to take additional in charge of Extra, Co Curricular and IQAC related activities for the betterment of the college.

Get permission from the Secretary through Principal to apply for Refresher Course, Orientation Course, Online Course etc.

Before applying any course staff must ensure that this will not affect the regular academic duty.

Dress in a manner that is appropriate for an academic environment.

Submit leave letter on previous day for planned work, RH or OD. Information through mobile or mail to the Principal is accepted only in case of emergency.

Not more than 50 of the staff members in a department will be permitted to avail OD/RH/CL on a specific day.

CL/OD combined with holidays should not exceed 10 days.

Reporting to duty on the reopening day/last working day in a semester is mandatory.

Should follow the rules and regulations of the college as prevalent from time to time.

7.1.6. Activities conducted for promotion of Universal Values and Ethics

Activity	Duration (from to)	No. of Participants
Anti Narcotic Day	26.06.18	120
Donor's Day	11.07.18	2474
Independence Day	15.08.18	450
Saraswathi Pooja Celebration	08.10.18 to 18.10.18	2474
National Unity Day	31.10.18	50
AIDS Awareness Programme	20.12.18	50
Eye Donation awareness Camp	6.2.2019	350
Road Safety Awareness	11.02.19	120
Blood Donation Camp	21.02.19	120
Voters awareness Programme	23.03.19	120
International Women's day	08.03.19	298

7.1.7 Initiatives taken by the institution to make the campus eco-friendly

1. Plastic –Free campus
2. Planting of plants and trees inside the campus
3. E-Waste management contract signed
4. Installation of power saving LED Lights in the laboratories
5. Rain water harvesting are available in the campus and effectively monitored

7.2 Best Practices

7.2.1Describe at least two institutional best practices

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

1. Student Improvement Scheme

2. Silambam for Self Defense and Social Security

Student Improvement Scheme

Objectives:

To establish individual attention of students

To provide support to excel in both academic and non-academic activities of the students

To show the academic record of the students to their parents

Context:

Faculty-Student mentorship involves tutoring, role modelling, career guidance and in PG & research departments research skill development activities

The Practice:

Students Guidance & counseling committee consisting of four staff members and faculty in charge system for a class exists in the college already to provide personal and academic assistance to the students. To do individual attention to the students, the college has adopted the new process "Student Improvement Record", to monitoring and mentoring the student's activity. The scheme aims at addressing conflicts in attitudes, habits and knowledge of the students towards learning practices.

Each faculty will be the mentor of a group of 20 to 25 students. Students will have mentors from the parent department and for some students mentors are from language and allied department faculties. The faculties will continue to be mentors for the same group of students till their graduation. For the benefits of the students the mentor will perform the following functions.

*Continuously monitor, counsel, guide and motivate the students in all academic matters

* Maintain personal details of the students

* Maintain student's academic performance semester wise

*Conduct parents meet at least once per semester to show the academic records of their wards

* Contact parents if any academic irregularities and other negative behavioral changes

*Advise the students in matters of their career

*Guide the students in taking up extra and co-curricular activities

To be nutshell, mentors take total care of their mentees, academically, personal behavior and enhance the quality of learners to better person. Mentors takes care of the students relating to his/her housing, studying, and behaviors and boosts his moral whenever required for the betterment.

Constraints:

Face-to-face meetings with parents, Maintenance of paper record instead of e-record since most of the parents are uneducated and most of the students are first generation learners.

Evidence of Success:

Improvements in academic performance, attendance, positive social and emotional behavior

Problems encountered:

Most of the parents are daily wages employees; there is a problem in conducting parents meet at a particular day and time. This sometimes disturbs regular classes of a faculty and their lunch time.

All Faculty members are acting as a mentor for a particular set of students for their personal interest, but the counseling methods may vary.

Resources required:

Some trained counselors.

Silambam and Self-Defense for Social Security

The NSS units of our college organize a traditional Tamil practice Silambam and self-defense training classes for the students including the girls. This training is of dual purpose:

a. Self-protection for students

b. Conserving our traditional art.

Objectives:

Self-defense helps to prepare the students to face threatening situations and also helps to develop increased mental and physical health women, usually referred to as the weaker sex, are easier targets. The cases of gender violence are on rise, out of which many go unreported, self-defense for women has become a necessity. By learning the basics of self-defense, one prepares oneself for threatening and unexpected circumstances.

Context:

A counselor is necessary to ensure the importance of self-defense. There is a curriculum for martial arts. In order to become a teacher of that art, the person must be well versed in the art. Each student is gifted with different mental, physical and emotional resources.

Practice : Coaching

Regular practice is executed for both boys and girls for two hours and on two days per week.

Evidence of success:

Students complete in the state level/ All India level competitions.

Problems encountered:

Dr. Illakkuvan, Assistant Professor of Tamil takes care of the coaching for boys. To train girls there is a lack of a coach.

Resources required:

A well trained instructor for self-defense is necessary. Financial support is needed for the instructor who gives training for the students. The instructor must understand and embrace the fact that if he allows creativity, the student will surpass the master.

Uploadedhttp://mdthinducollege.org/iqac/201819/Two_Best_Practices_7.2.1.pdf

7.3 Institutional Distinctiveness

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust Provide the web link of the institution.

Department of Youth Welfare

Our college aims at multi-personality development of the students as it makes them excel not only in academic endeavors but also in other extracurricular activities. "Department of Youth Welfare" is functioning with a high goal of elevating student's inherent and innovative talents. One of the department's special features is its reputed "Cultural Team", with students from various sections having individual talents. In first year itself, talented students are identified, and they are quite interested in joining the team.

The department encourages the students to participate in more awareness programmes on social issues and personality development. Cultural team has won awards and prizes wherever it performs. Folk Orchestra and Folk Dance are the specialty of our team. They won several overall championship prizes throughout Tamil Nadu. The management magnanimously grants financial assistance as and who need to encourage the students. The remaining expenditure has been met out by the students by winning cash prizes. Also some fund has been generated through giving musical instrument for rent to other institutions. The equipment available for cultural practice are *Parai, Thavil, Kumbam, Kavadi, Salangai,Kilukku, Murasu, Singi, Kolattam Sticks Drum*, Western costumes, Folk costumes, Mime costumes, *Oyil* cloths, Orchestra system and ladders.

The cultural team has its own contribution to the development of the society. They often give guest programmes to the public, especially in awareness programs.

We are very proud to record that six of our alumni belongs to cultural team has created YouTube videos in the name of "Dream Creation". Currently they have uploaded 32 videos of their own performance during college days and after. At present they have 1213 subscribers and 46,637 views. Direct Link: https://www.youtube.com/c/dreamcreation_dc. This shows their involvement and how the college provides recusal platform to showcase their talents.

Academic year - 2018-19

Number of Students in Cultural Team - 38

Number of competitions participated - 17

Number of prizes got – 7 First Prizes, 6 second Prizes, 4 Third Prizes

Number of guest performance – 10

http://mdthinducollege.org/iqac/201819/Institutional_Distinctiveness_7.3.1.pdf

VIII. **Future plans of action for next academic year:**

1. Conduct more number of Faculty Development Programmes and career oriented programmes for students.

2. To organize more number of Seminars and Workshops.

3. Motivating the Teaching Staff to avail more number of Minor and Major Research projects from various funding agencies.

4. Conduct Annual Academic Audit.

5. Conduct Green Audit (Environmental Audit)

6. Strengthens the Alumni Association & Alumni Projects.

7. To encourage the staff members to publish Books, Research papers in UGC listed journals.

8. To motivate more number of students to MOOCs.

9. To sign more number of MOUs and Collaborations.

10. To fulfill the recommendations of NAAC Peer Team.