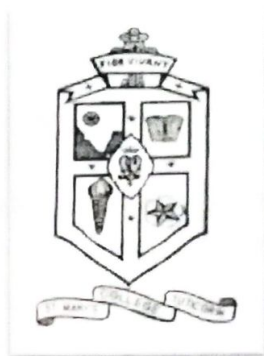


St.Mary's College (Autonomous)
(Re-accredited with A Grade by NAAC-3rd Cycle)

Thoothukudi



Proforma For Renewal Of Research Centre


PG and Research Department of Mathematics

April 2018

MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI – 12

PROFORMA FOR RENEWAL OF RESEARCH CENTRE

1. Name of the College / Institution : St. Mary's College (Autonomous),
Thoothukudi - 628001.
2. Name of the Department : Mathematics
3. Courses offered : Annexure – I
4. List of Faculty Members now working : Annexure – II
5. List of Publications of Faculty Members with impact factor : Annexure – III
6. List of Research Guides : Annexure – IV
7. Facilities available in the Research Centre : Annexure – V
8. List of Ph.D's awarded under the guidance of existing Guides : Annexure – VII
9. List of Conferences/Seminars attended by Faculty Members : Annexure – VIII
10. Budget for the Research Centre (Item wise) : Annexure – IX


Dr. A. P. D. J. L.
HOD & Associate Professor
Department of Mathematics
St. Mary's College (Autonomous)
Thoothukudi - 628001.


Rosalie
Principal
St. Mary's College (Autonomous)
Thoothukudi - 628 001.


Secretary
St. Mary's College (Autonomous)
Thoothukudi - 628 001.

Annexure – I

Courses offered

UG(Aided)	: 1951
UG(Self Supporting)	: 2010
PG(Self Supporting)	: 2002
M.Phil(Self Supporting)	: 2017

Annexure – II

4. List of Faculty Members

1. Name : Dr. Sr. S. Alphonse Roseline Mary
Qualifications : M.Sc., B.Ed., M.Phil., PGDCA., Ph.D.
Date of Appointment : 01.08.1986
Department : Mathematics
Specialization : Stochastic Process
2. Name : Dr. A. Punitha Tharani
Qualification : M.Sc., M.Phil., Ph.D.
Date of Appointment : 03.03.1990
Department : Mathematics
Specialization : Graph Theory
3. Name : Ms. V.L. Stella Arputha Mary
Qualification : M.Sc., M.Phil.
Date of Appointment : 23.3.2007
Department : Mathematics
Specialization : Graph Theory
4. Name : Sr. S. Kulandai Therese
Qualification : M.Sc., B.Ed., M.Phil.
Date of Appointment : 05.10.2007
Department : Mathematics
Specialization : Graph Theory
5. Name : Dr. J. Arul Jesti
Qualification : M.Sc., M.Phil., B.Ed., Ph.D.
Date of Appointment : 22.11.2017
Department : Mathematics
Specialization : Topology
6. Name : Ms.A. Robina Tony (FDP)
Qualification : M.Sc., M.Phil., SET
Department : Mathematics
Specialization : Graph Theory
7. Name : Ms.H. Sujitha
Qualifications : M.Sc., M.Phil.
Date of Appointment : 01. 12. 2011
Department : Mathematics
Specialization : Topology, Graph Theory
8. Name : Dr.G. Priscilla Pacifica
Qualifications : M.Sc., B.Ed., M.Phil., Ph.D.
Date of Appointment : 01. 12. 2011
Department : Mathematics
Specialization : Topology, Algebra

9. Name : Ms.K.Rajendra Suba
Qualification : M.Sc , M.Phil.,
Date of Appointment : 18-06-2012
Department : Mathematics
Specialization : Algebra, Topology
10. Name : Ms.C.Reena
Qualifications : M.Sc., B.Ed., M.Phil.,
Date of Appointment : 21. 06. 2013
Department : Mathematics
Specialization : Topology, Analysis
11. Name : Ms.V.Uma Maheswari
Qualifications : M.Sc., M.Phil.,
Date of Appointment : 26. 06. 2014
Department : Mathematics
Specialization : Topology, Algebra
12. Name : Dr.P.Anbarasi Rodrigo
Qualification : M.Sc , B.Ed , Ph.D
Date of Appointment : 06-09-2016
Department : Mathematics
Specialization : Topology
13. Name : Ms.J. Annie Arockia Christina
Qualifications : M.Sc., M.Phil
Date of Appointment : 16.06.2017
Department : Mathematics
Specialization : Graph theory, Algebra
14. Name : Ms.A. Ancy
Qualifications : M.Sc., M.Phil.
Date of Appointment : 14-06-2017
Department : Mathematics
Specialization : Graph Theory
15. Name : Ms.M.Kanaga
Qualifications : M.Sc., B.Ed., SET.,
Date of Appointment : 21.09.2017
Department : Mathematics
Specialization : Algebra, Graph Theory

Annexure – III

List of Publications of Faculty Members with Impact Factor (During the last 5 years)

Dr.A.Punitha Tharani

S.No.	Paper Title	Journal	Year	Volume	Page No.	ISSN/ ISBN number	Impact factor
1.	On t-pebbling graphs	Utilitas Mathematica	2012	Volume 87	pp.331-342.	ISSN: 0315-3681	
2.	g^{**} compact space and g^{**} compact modulo I space	International Journal of Computer Application	2012	Volume 2 Issue 4	pp.123-133.	ISSN:2 250-1797	3.12
3.	$g^{**}I$ -closed sets and $g^{**S}I$ -closed sets	International Journal of Mathematical Archive	2012	Volume 3 NO 8.	pp.289 1-2898	ISSN:2 229-5046,	4.908
4.	$g^{**}I$ continuous functions	International Journal of Mathematical Archive	2012	Volume 3 NO 8.	pp.305 5-3066	ISSN: 2229-5046	4.908
5.	Strongly g^* -closed sets and Strnogly g^{**} -closed sets	International Journal of Mathematical Archive	2012	Volume 3 NO 8.	pp.310 8-3112.	ISSN:2 229-5046	4.908
6.	g^{**} connected space	International Journal of Computer Application.	2012	Volume 2 Issue 5	pp.58-65	ISSN:2 250-1797	3.12
7.	A Generalization of Urysohn's Lemma and Tietze Extension Theorem via g^{**} -closed sets,	International Journal of Computer Application	2012	Volume 2 Issue 5	pp. 669-674	ISSN:2 250-1797.	3.12
8.	Some new class of nearly closed and open sets	Asian Journal of Current Engineering and Maths	2012	1: 5	pp.305 – 307	ISSN:2 277-4920	
9.	On pre*-continuous and m - pre*continuous mappings	International Journal of Mathematical Archive.	2012	Volume 3 NO 11	pp.406 7-4071	ISSN:2 229-5046	4.908
10	g^{**} -Quasi – FH-closed spaces and g^{**} -Quasi – CH-	International Journal of Mathematical	2012	Volume 3 NO 12.	pp.478 9-4796.	ISSN:2 229-5046	4.908

	closed spaces	Archive					
11	Lower separation axioms using pre*- open sets	International Journal of advanced scientific and technical research	2012	Volume 6 Issue 2	pp.555-563	ISSN:249-9954.	3.94
12	On Pre*compact and pre* connected spaces	Acta Ciencia Indica,	2013	0455Vol. XXXIX M	241-248	ISSN:0970-No3	
13	g**-Lindelof modulo an Ideal	International Journal of Mathematical Archive	2013	Volume 4 NO 2	pp.126-130	ISSN:2229-5046,	4.908
14	Pairwise g**-compact, countably compact, Lindeloff spaces	International Journal for Computer Application and Research	2013	Vol. Issue 1	pp.35 – 39.	ISSN:2320-5067	3.12
15	Pairwise g**-compact modulo I, g**- countable compact modulo I, g**-Lindeloff modulo I spaces	International Journal for Computer Application and Research	2013	Vol. Issue 1	pp. 40 – 45.	ISSN:2320-5067.	3.12
16	On supra g* - closed sets	International Journal of Computer Application	2013	Volume 1, Issue 3	pp.18-27.	ISSN:2250-1797	3.12
17	On supra g** - closed sets	International Journal of Computer Application	2013	Volume 1, Issue 3	pp.28-38	ISSN:22501797.	3.12
18	Cover pebbling number for cube of a path	International Journal of Mathematical Archive	2013	Volume 4 NO 12	pp.153-155	ISSN:2229-5046,	4.908
19	The t-cover pebbling number of graphs	International Journal of advanced scientific and technical research	2014	Volume 2 Issue 4	pp.925-935	ISSN:249-9954	3.94
20	On pre*-regular and pre*-normal spaces	Archimedes J. Math.	2014	Volume 4 NO 2	pp.76-88	ISSN:2278-084X	
21	On t-cover pebbling graphs	Archimedes J. Math.,	2014	Volume 4	pp.89-97	ISSN:2278-084X , NO 2	

22	On cover pebbling graphs	Acta Ciencia Indica	2014	Vol. XL M No 3	289-298	ISSN:0970-0455	
23	On α^{s*} - Conitnuous And M- α^{s*} Continuous mappings	Archimedes J. Math.	2014	Volume 4 NO 4	pp. 179-186	ISSN:2278-084X	
24	On α^{s*} Connected and α^{s*} -Compact spaces	International Journal of Mathematical Archive	2014	Volume 5 NO 12	pp.1-7	ISSN:2229-5046	4.908
25	On Some New Class Of Nearly Closed And Open Sets	International Journal of Mathematical Archive	2014	Volume 5 NO 11	pp.47-52	ISSN:2229-5046,	4.908
26	pg^{**} - closed sets in Topological space	International Journal of Mathematical Archive	2015	Volume 6(7)	pp.128-137	ISSN:2229-5046	4.908
27	$(gsp)^{**}$ - closed sets in Topological space	International Journal of Mathematical Archive	2015	Volume 6(7)	pp.95-101	ISSN:2229-5046	4.908
28	Essential concepts of pg^{**} - closed sets	International Journal of Mathematical Archive	2017	Volume 8(3)	pp.30-35	ISSN:2229-5046	4.908
29	pg^{**} - compact spaces.	International Journal of Mathematics Research	2017	Volume 9(1)	Pp. 27 - 43	ISSN:2229-5046	
30	pg^{**} - separation axiom	International Journal of Mathematical Archive	2017	Volume 8(3)	pp. 119 - 130	ISSN:2229-5046	4.908
31	pg^{**} - Connected space.	International Journal of Mathematical Archive	2017	Volume 8(3)	pp. 159 - 164	ISSN:2229-5046	4.908
32	g^* alpha -closed sets in Topological spaces	International Journal of Mathematical Archive	2017	Volume 8(10)	pp. 71 -80	ISSN:2229-5046	4.908

Ms.V.L.Stella Arputha Mary

S.No	Paper Title	Journal	Year	Volume	Page No.	ISSN/ISBN number	Impact factor
1.	Z_4 - Magic labeling on some special graphs	International Journal of Mathematics and Soft Computing.	2013	Volume 3 No 3	(61-70)	ISSN(P):2249-3328 ISSN(O):2319-5215	5.120
2.	Z_4 - magic labeling for some more special graphs	International Journal of physical sciences, Ultra Scientist	2013	Vol.25 (2)A	(319-326)	ISSN: 2231-346X (Print) ISSN: 2319-8044 (Online)	2.81
3.	Near Z_4 - magic labeling	International Journal of Mathematical Archives	2013	vol.4 Issue 10	266-277	ISSN 2229-5046	4.908
4.	L-magic labeling	International Journal of Mathematics Trends and Technology.	2014	Vol 12 Issue 5	66-75	ISSN : 2231-5373.	2.53
5.	Z_4 - magic labeling for some cycle related graphs	Scientia Magna China journal	2015	Vol1 Issue 2	326-336	ISSN: 1556-6706.	
6.	L-magic labeling on divisors of 6	Ars Combinatoria	2016 (accepted)			ISSN 0381-7032	0.5
7.	Integral Root labeling of graphs	International Journal of Mathematics Trends and Technology.	2018	vol.6 Issue 10	437-441	ISSN : 2231-5373.	2.53

Sr. S.Kulandai Therese

S.No	Paper Title	Journal	Year	Volume	Page No.	ISSN/ISBN number	Impact factor
1.	Packing Parameters of Bloom Graph	International Journal of Mathematics and its Applications	2016	4(2-D)	29-33	ISSN:2347-1557	0,564
2.	A Class Of Perfect Domination Problems on Diamond Lattices	International Journal of Pure and Applied Mathematics	2016	109(7)	115-123	ISSN 1311-8080 (p) ISSN 1314-3395 (o)	7.19

Dr.J.Arul Jesti

S.No.	Paper Title	Name of the Journal	Year	Volume	Page No.	ISSN/ISBN number	Impact factor
1.	A new notion of open sets in topological spaces	International Journal of Mathematical Archives(IJMA)	2012	3(11)	3990-3996	ISSN 2229-5046	4.908
2.	Some new functions in topological spaces	Outreach(A Multi-disciplinary research Journal).	2014	7	161-168	ISSN(P): 0975-1246 ISSN(O): 2321-8835	7.011
3.	Properties of S_g^* -functions in topological spaces	Mathematical Sciences International Research Journal(IMRF)	2014	3(2)	911-915	ISSN: 2278-8697	2.73
4.	S_g^* -homeomorphism in topological spaces	Outreach(A Multi-Disciplinary Research Journal)	2015	8	107-112	ISSN(P): 0975-1246. ISSN(O): 2321-8835	7.011
5.	Slightly S_g^* -continuous functions and Totally S_g^* -continuous functions in Topological spaces	International Organization of Scientific Research-Journal of Mathematics(IOSR-JM)	2015	11(2(1))	27-30	e-ISSN: 2278-5728.p- ISSN: 2319-765X.	3.97
6.	S_g^* -Compact and S_g^* -Connected Spaces	International Journal of Modern Engineering and Research(IJMER)	2015	5(2)	17-21	ISSN: 2249-6645	7.21

7.	Some new closed and open maps in Topological Spaces	International Journal of Scientific Engineering and Technology Research (IJSETR)	2015	4(6)	1081-1086	ISSN: 2319-8885.	3.59
8.	\hat{g}^* -s-locally closed sets in Topological spaces	Global Journal of Pure and Applied Mathematics.	2017	13(5)	42-50	ISSN: 0973-1768	0.19
9.	Almost S_g^* -continuous functions in Topological spaces	Mathematical Sciences International Research Journal(IMRF)	2018			ISSN: 2278-8697	2.73
10.	On S_g^* -open sets in topological spaces	Mathematical Sciences International Research Journal(IMRF)	2018			ISSN: 2278-8697	2.73

Ms.A.Robina Tony

S.No.	Paper Title	Name of the Journal	Year	Volume	Page No.	ISSN/ISBN number	Impact factor
1.	Triple Connected Line Domination Number of a Graph	-	-	-	Accepted	-	-
2.	Triple Connected Line Domination Number of a Graph for some standard and special graphs	-	-	-	Accepted	-	-

Dr.G. Priscilla Pacifica

S.No	Title of the Paper	Name of the Journal	Year	Volume	Page No	ISSN/ISBN number	Impact factor
1	pg**-closed sets in topological spaces	International Journal of Mathematical Archive	2015	6(7)	128-137	ISSN 2229-5046	4.908
2	(gsp)**-closed sets in topological spaces	International Journal of Mathematical Archive	2015	6(7)	95 - 101	ISSN 2229-5046	4.908
3	Essential concepts of pg**-closed sets	International Journal of Mathematical Archive	2017	8(3)	30 - 35	ISSN 2229-5046	4.908
4	pg** Separation axioms	International Journal of Mathematical Archive	2017	8(3)	119-130	ISSN 2229-5046	4.908
5	pg**-Connected space	International Journal of Mathematical Archive	2017	8(3)	159-164	ISSN 2229-5046	4.908
6	pg**-compact spaces	International Journal of Mathematics Research	2017	9(1)	27- 43	ISSN 0976-5840	
7	A New Generalization of closed sets in Bitopological spaces	International Research Journal for Mathematical Sciences	2018	7(1)	203-209	ISSN 2278-8697	2.73
8	Countability Axioms Via pg**-open sets in Topological spaces	Proceedings of the International Conference on Algebra and Discrete Mathematics	2018		334-340	ISSN 2348-6600	
9	(i, j)-g##Closed Sets in Bitopological Spaces	Abstracts of International Conference on Applications of Mathematics			14		

Ms.K. Rajendra Suba

S.No	Title of the Paper	Name of the Journal	Year	Volume	Page No	ISSN/ ISBN number	Impact factor
1	A new notion of β^* -closed sets in topological Spaces	International Multidisciplinary Research journal	2018	7(4)	53-58	2278-8697	2.73
2	More functions associated with β^* - closed sets	International Journal Of Advancement In Engineering Technology Management & Applied Science,	2018	5(2)	47-56	2349-3224	
3	Functions related to β^* - closed sets in topological spaces	International Conference On Recent Trends In Mathematics And Information Technology	2018	Accepted	-	-	
4	On β^* - open and closed map in topological spaces	International Conference On Recent Trends In Multi-Disciplinary Research	2018	Accepted	Communicated	-	-
5	On Contra β^* -continuous functions in topological spaces	International Journal of Mathematics Trends and Technology	2018	55(8)	559-566		

Ms.C.REENA

S.No	Title of the Paper	Name of the Journal	Year	Volume	Page No	ISSN/ISBN number	Impact factor
1	On Semi* δ -Open Sets in Topological Spaces	IOSR Journal of Mathematics	2016	12(5)	01-06	e-ISSN: 2278-5728, p-ISSN: 2319-765X.	3.97
2	Between δ -Closed Sets and δ -Semi-Closed Sets	International Journal of Mathematical Archive	2016	7(11)	60-67	ISSN 2229-5046	4.908
3	Continuous and Irresolute Functions Via Star Generalised Closed Sets	International Journal of Modern Engineering Research	2016	7(2)	58-64	ISSN 2249-6645	7.21
4	Contra Semi* δ -Continuous Functions in Topological Spaces	International Journal of Mathematics And its Applications	2017	5(4-A)	19-30	ISSN 2347-1557	0.421
5	More Functions Associated with Semi* δ -Open Sets	International Journal of Mathematical Archive	2017	8(11)	148-154	ISSN 2229-5046	4.908
6	Separation Axioms Via Semi* δ -Open Sets	International Research Journal for Mathematical Sciences	2017	6(Special)	194-199	ISSN 2278-8697	2.73
7	On Semi* δ -Connected and Semi* δ -Compact Spaces	Proceedings of the International Conference on Algebra and Discrete Mathematics	2018		472-478	ISSN 2348-6600	

Dr.P.Anbarasi Rodrigo

S.No	Paper Title	Name of the Journal	Year	Volume	Page No.	ISSN/ISBN number	Impact factor
1	Some Notions of Nearly Open Sets In topological Spaces	International Journal of Mathematical Archive	2013	12(4)	1-7	2229-5046	4.908
2	On α^* -continuous functions	Outreach	2014	7(1)	148-154	2321-8835	7.011
3	Strongly α^* -continuous functions in Topological Spaces,	IOSR Journal of Mathematics	2014	10(4)	55-60	2278-5728	3.97
4	Contra α^* -continuous functions in Topological Spaces	International Journal of Modern Engineering Research	2014	4(8)	1-6	2249-6645	7.21
5	Totally α^* -continuous functions in Topological Spaces	International Journal of Mathematics and Statistics Invention	2015	3(4)	20-24	2321-4767	
6	Functions Associated With α^* - closed Sets In Topological Spaces	International Journal Of Scientific and Innovative Mathematical Research	2015	3(8)	37-42	2347-3142	
7	Quasi alpha star open and quasi alpha star closed function in Topological Spaces	International Conference on Mathematics	2015	4(2)	411-414	2321-8835	7.011
8	α^* - separation axioms in topological spaces	Asian Journal of Current Engineering and Maths	2016	5(1)	1-3	2277-4920	
9	Soft JP continuous functions in topological spaces	International Conference on Mathematics	2017	13(5)	27-37	978-93-84124-52-6	2.73
10	α^* - generalized closed sets in topological	International Multidisciplinary Research	2017	6(spl issue)	176-180	0973-1768	0.19

	spaces	Foundation					
11	α^* - locally closed sets in Topological Spaces	International Multidisciplinary Research Foundation	2018	7(spl issue 4)	44 - 48	978-93-84124-52-6	2.73
12	Functions related to α^* - generalized closed sets	International Multidisciplinary Research Foundation	2018	7 (spl issue1)	127-132	978-93-84124-52-6	2.73
13	A New notion of Closed sets in Topological Spaces	International Multidisciplinary Research Foundation	2018	7(spl issue 4)	53-58	978-93-84124-52-6	2.73
14	More functions associated with β^* - closed sets	International Journal Of Advancement In Engineering Technology Management & Applied Science,	2018			978-93-84124-52-6	2.73
15	Functions related to β^* - closed sets in topological spaces	International Conference On Recent Trends In Mathematics And Information Technology	2018	Accepted		2349-3224	
16	On β^* - open and closed map in topological spaces	International Conference On Recent Trends In Multi-Disciplinary Research	2018	Accepted		-	
17	Contra β^* - continuous functions in topological spaces	International Journal of Mathematics Trends and Technology	2018	55(8)	559-566	-	
18	More Functions associated with α^* -g closed sets	International Conference On Recent Trends In Multi-Disciplinary Research	2018	Accepted		2231-5373	

Annexure – IV

List of Research Guides

Name of Faculty : Dr.A.Punitha Tharani

Recognition order No. and Date : Ref. No.MSU/RES/INT/GUIDESHIP/R5/2010
06.04.2010

Copy of Recognition order Enclosed



MANONMANIAM SUNDARAMUR UNIVERSITY
THIRUNELVELI 627 012, TAMIL NADU, INDIA

(ACCREDITED WITH B+1 GRADE BY NAAC)

Dr S MANICKAM,
REGISTRAR.

Ref. No. MSU/RES/INT/GUIDESHIP/R5/2010.

08.04.2010.

To

Dr. A. Punitha Tharani,
Associate Professor in Mathematics,
St. Mary's College,
Thoothukudi.

Sir/Madam,

Sub: Recognition as an approval Guide - intimation - reg.

Ref: The Vice-Chancellor's Order dated 06.04.2010.

I am, by direction, to inform you that the request given by you through your College to recognize as an approved Guide in the Subject of **MATHEMATICS** is accepted in accordance with the regulations for Ph.D. programme of this University.

The maximum number of Ph.D. Scholars, under your guidance is 8.

Kindly acknowledge the receipt of this communication.

Yours faithfully,

SR 15 4-10

3/3 REGISTRAR.

Copy to:
The Principal,
St. Mary's College,
Thoothukudi.

ANNEXURE V

- (i) Space for Research Scholars
 - (a) In the Department
Separate Research room available
 - (b) In the Library for reading
Space available
 - (c) Storing study & research materials
Space available in the department as well as in the Research room
- (ii) Total No.of Books : 3,530
- (iii) Total No.of Journals : 16

List of Journals

1. AKCE INTL.JNL.Of Graphs & Combinatorics
2. Proceedings Mathematical Sciences
3. Indian Journal Of Mathematics And Mathematical Science
4. Annals Of Library & Information Studies
- 5.Outlook
- 6.Frontline
- 7.Infini Thoughts
- 8.Life Positive
- 9.Carreer 360
- 10.Competition Success Review
- 11.India Today
- 12.The Week
- 13.Competition Affairs
14. Reader's Digest
- 15.Desidoc Bulletin Of Information Technology
16. SRELS Journal Of Information Management

E-Journals

- Journals under N-LIST : 6000+ e-journals
- (National Library and Information Service infrastructure for scholarly content) NDL
- (National Digital Library) : Learning electronic resources from NDL , India
- (iv) Internet Facility : Available

Annexure-VI

List of Ph.D's awarded under the guidance of existing Guides

Name of the Guide	Name of the Scholar	Year & Month of award
Dr.A. Punitha Tharani	Dr.Sr.M.Pauline Mary Helen	16.02.2016
	Dr.G.Hari Siva Annam	28.02.2017
	Dr.G.Priscilla Pacifica	29.01.2018

Annexure-VII

LIST OF CONFERENCES/SEMINARS ATTENDED BY FACULTY MEMBERS

Dr.A.Punitha Tharani

Title of Workshop/ Seminar/ Conferences	Type	Paper Presented/ Participated	Organized By	Date
Workshop on MATLAB	State level	Participated	St. Mary's College Thoothukudi	18.10.12
Seminar on "Ramanujan – The Legend of Infinity"	National level	Participated	St. Mary's College	14.02.13 – 16.02.13
Conference on Solar Energy	International	Participated	St. Mary's College Thoothukudi	11.02.15
Seminar on Quality Enhancement in Higher Education: Teaching, Learning and Evaluation.	National level	Participated	St. Mary's College Thoothukudi	07.01.16- 08.01.16
Seminar on Recent Trends in Mathematics	National level	Participated	St. Mary's College Thoothukudi	14.12.16
Instructional Workshop on Latex	State Level	Participated	Dept. of Mathematics St.Mary's College (Autonomous), Thoothukudi-1	21.09.2017 – 22.09.2017
Seminar on Academic and Research Integrity in the Digital World	National level	Participated	Research Forum and Department of Library St.Mary's College (Autonomous), Thoothukudi-1	09.12.2017
Conference on Algebra and Discrete Mathematic	International	Participated	Madurai Kamaraj University, Madurai.	08.01.2018 – 10.01.2018
International Conference on Applications of Mathematics	International Level	Paper Presented	Dept. of Mathematics St.Mary's College (Autonomous), Thoothukudi-1	11.01.2018

Ms. V.L.Stella Arputha Mary

Title of Workshop/ Seminar/ Conferences	Type	Paper Presented/ Participated	Organized By	Date
Learning to teach for young teachers	National level seminar	Participated	Christ university, Bangalore	26.8.13 to 29.8.13
MatLab	State level workshop	Participated	St. Mary's College, Thoothukudi	18.10.12
"Ramanujan – The Legend of Infinity"	National level seminar	Participated	St. Mary's College, Thoothukudi	14.02.13- 16.02.13
Conference on Solar Energy	International	Participated	St. Mary's College Thoothukudi	11.2.15
Instructional Workshop on Latex	State Level	Participated	Dept. of Mathematics St.Mary's College (Autonomous), Thoothukudi-1	21.09.2017 – 22.09.2017
Seminar on Academic and Research Integrity in the Digital World	National level	Participated	Research Forum and Department of Library St.Mary's College (Autonomous), Thoothukudi-1	09.12.2017
International Conference on Applications of Mathematics	International Level	Paper Presented	Dept. of Mathematics St.Mary's College (Autonomous), Thoothukudi-1	11.01.2018

Sr.S.Kulandai Therese

Title of the Workshop/ Seminar/ Conferences	Type	Paper Presented/ Participated	Title of the Paper	Organized By	Date
Conference on Mathematics In Engineering And Business Management	International	Participated		Stella Maris College and Loyola Institute of Business Administration, Chennai	09.03.12 to 10.03.12
Conference on Graph Theory Generalizations And Applications	International	Participated		SASTRA University, Thanjavur	20.08.12 to 21.08.12
Seminar on Ramanujan-The Legend Of Infinity	National	Participated		Department of Mathematics, St.Mary's College, Thoothukudi	14.02.13 to 16.02.13
Workshop on Learning to Teach for New College Teachers	International	Participated		Centre for Education Beyond Curriculum(CEDBEC), an initiative of Total Quality Management System (TQMS), Christ University, Bangalore	26.08.13 to 29.08.13
Conference on Theoretical Computer Science IC-TCS13	International	Presented	(2,2) Domination in Graphs	PG and Research Department of Mathematics, Loyola College, Chennai	03.10.15 to 05.10.15
First National Students' Assembly and the Launching of Human Values Development Programme	National	Participated		Bishop Heber College, Tiruchirapalli	28.12.13 to 30.12.13
Seminar on Institutional Quality Improvement: Role of Information and	National	Participated		IQAC, St.Mary's College, Thoothukudi	31.01.14 to 01.02.14

Communication Technology					
Workshop on MATLAB	State	Participated		Department of Computer Science, St.Mary's College, Thoothukudi	27.09.14
Intensive Training Programme on Communicative English	State	Participated		Dinkys Global HR & EDU Consultancy, Tiruchirapalli	18.05.15 to 31.05.15
India Taiwan Conference on Discrete Mathematics	International	Participated		Department of Mathematics, Indian Institute of Madras and the Institute of Mathematical Sciences, Chennai	10.07.15 to 13.07.15
Conference on Mathematical Computer Engineering (ICMCE 2015)	International	Participated		School of Advanced Sciences, VIT, Chennai	14.12.15 to 15.12.15
Seminar on Recent trends in Graph Theory and Combinatorics (GTCOMB 2016)	National	Presented	Packing of Bloom Graph	Department of Mathematics, Meenakshi College for Women, Chennai	26.07.16 to 27.07.16
International Conference on Applicable Mathematics (ICAM 2016)	International	Presented	Perfect k-domination in Bloom Graph	Department of Mathematics, Stella Maris College, Chennai	30.11.16 to 01.12.16
International Conference on Mathematical Computer Engineering	International	Presented	Isoperimetric Path Number of Bloom Graph	School of Advanced Sciences, VIT University, Chennai	16.12.16 to 17.12.16
International Conference on Mathematical Modeling and Computational Methods in Science and Engineering	International	Presented	The Bloom Torus Architecture	Ramanujan Centre for Higher Mathematics and Department of Mathematics, Alagappa University, Karaikudi	20.02.17 to 22.02.17

International Conference on Recent Trends in Mathematics (ICRTM 2017)	International	Presented	Matching Problems in Bloom Graph	PG and Research Department of Mathematics, Loyola College, Chennai	07.03.17
Workshop on Applications of Graph Theory	National	Participated		Department of Mathematics in collaboration with Loyola-Racine Research Institute of Mathematics and Computing Sciences (LIMCOS), Loyola College, Chennai	19.08.17
Seminar on Higher Mathematics	International	Participated		Loyola-Racine Research Institute of Mathematics and Computing Sciences (LIMCOS), Loyola College, Chennai	12.09.17
International Conference on Mathematical Computer Engineering (ICMCE-2017)	International	Presented	Propagation in Certain Nano Structures and Diamond Mesh	Mathematics Division, School of Advanced Sciences, VIT University, Chennai	03.11.17 to 04.11.17
International Conference on Mathematical Computer Engineering (ICMCE-2017)	International	Presented	An Efficient Hosoya Index Algorithm and its Application	Mathematics Division, School of Advanced Sciences, VIT University, Chennai	03.11.17 to 04.11.17
FDP under UGC XII Plan	Fulltime Research Scholar	Currently Doing Ph.D in Mathematics	Graph Theory and its Applications	Under the guidance of Dr.D.Antony Xavier Loyola College Chennai	From 19.06.2015 till 18.06.2018

Dr.J.Arul Jesti

Title of Workshop/ Seminar/ Conferences	Type	Paper Presented/ Participated	Title of the Paper	Organized By	Date
Mathematical Sciences-2014 (JCM2014MKU)	International Conference	Paper Presented	Properties of S_g^* -functions in topological spaces	School of Mathematics, Madurai Kamaraj University, Madurai and "International Multidisciplinary Research Foundation"	August 21-23, 2014
Graph theory and topological spaces	National Seminar	Participated		PG and Research Department of Mathematics, V.O.Chidambaram College, Thoothukudi.	12 th April 2014
Advances in Fuzzy algebra, Fuzzy Topology and Fuzzy Graphs	National Conference	Participated		A.P.C. Mahalaxmi College for Women, Thoothukudi.	January 22-23, 2015
E-content Development	Capacity Building Workshop	Participated and created SLO	Created SLO on Complex Number	IQAC, St. Mary's College (Autonomous), Thoothukudi	11 th -16 th April 2016
Cosmic Concerns: An Interdisciplinary Dialogue in Applied Ethics	National Conference	Participated		IQAC, St. Mary's College (Autonomous), Thoothukudi	27 th -28 th January 2017
Recent Trends in Mathematics	National Seminar	Participated		Dept. of Mathematics, St. Mary's College (Autonomous), Thoothukudi	14 th Dec 2016
Discrete and Computational Mathematics	International Conference	Presented	\hat{g}^* -s-locally closed sets in Topological spaces	Ganthigram Rural Institute-Deemed University, Dindigul, Tamil Nadu, India.	16 th Feb 2017 to 18 th Feb 2017

Ms.A.Robina Tony

Title of Workshop/ Seminar/ Conferences	Type	Paper Presented/ Participated	Organized By	Date
Seminar on Recent Trends in Mathematics	National	Participated	Dept. of Mathematics St.Mary's College (Autonomous), Thoothukudi-1	14.12.2016
Workshop on Theme Centred Interaction	International	Participated	Dept. of Mathematics St.Mary's College (Autonomous), Thoothukudi-1	17.01.2017 - 21.01.2017
Two Days Instructional Workshop on Latex	State Level	Participated	Dept. of Mathematics St.Mary's College (Autonomous), Thoothukudi-1	21.09.2017 - 22.09.2017
Seminar on Academic and Research Integrity in the Digital World	National	Participated	Research Forum and Department of Library St.Mary's College (Autonomous), Thoothukudi-1	09.12.2017
Conference on Algebra and Discrete Mathematic	International	Paper Presented	Dept. of Mathematics Madurai Kamaraj University, Madurai.	08.01.2018 & 09.01.2018
International Conference on Applications of Mathematics	International Level	Paper Presented	Dept. of Mathematics St.Mary's College (Autonomous), Thoothukudi-1	11.01.2018

Ms. H. Sujitha

Title of Workshop/ Seminar/ Conference	Type	Paper Presented/ Participated	Title of the Paper	Organized By	Date
One Day Seminar on "E-Resources – A Must In Today's Scholarly World"	National Seminar	Participated	-	St.Mary's College, Thoothukudi	19.10.2012
"Ramanujan - The Legend Of Infinity"	National Seminar	Participated	-	St.Mary's College, Thoothukudi	14.02.2013- 16.02.2013
Institutional Quality Information: Role	National Seminar	Participated	-	St. Mary's College, Thoothukudi	31.1.2014 – 1.2.2014

of Information and Communication Technology					
The Art of student Mentoring: One day training Programme for College Teachers	Training Programme	Participated	-	Don Bosco College of arts and science, KeelaEral.	05.07.2014
International Year of Mathematics for the planet earth 2013	National seminar	Participated	-	St.Mary's College, Thoothukudi	17.07.2014 18.07.2014
Technology Integrated Teaching – TIT 2014	Workshop	Participated	-	St.Mary's College, Thoothukudi	05.12.2014 06.12.2014
Advances in Fuzzy Algebra, Fuzzy Topology and Fuzzy Graphs, AFATG-2015	National Seminar	Participated	-	APC Mahalaxmi College for women, Thoothukudi	22.01.2015- 23.01. 2015
IQAC“ Quality Enhancement in Higher Education: Teaching, Learning & Evaluation	National Seminar	Participated	-	St.Mary's College, Thoothukudi	07.01.2016 08.01.2016
“ Recent Trends In Mathematics”	National Seminar	Participated	-	St.Mary's College, Thoothukudi	14.12.2016
“Cosmic Concerns:An Interdisciplinary Dialogue In Applied Ethics”	National Conference organized by IQAC	Participated	-	St.Mary's College, Thoothukudi	27.01.2017 28.01.2017
Computing Sciences ICCS 2018” Organized by LIMCOS	International Conference	Participated	-	Loyola College Chennai.	08.01.2018- 09.01.2018
“Applcations On Mathematics”	International Conference	Participated	-	St.Mary's College, Thoothukudi	11.01.2018

Dr. G. Priscilla Pacifica

Title of Workshop/ Seminar/ Conference/ FDP	Type	Paper Presented/ Participated	Title of the Paper	Organized By	Date
Seminar on "Recent Trends in Mathematics"	State level	Participated		Govindammal Aditanar College, Tiruchendur	03.02.2012
Seminar on "E-Resources - A Must In Today's Scholarly World"		Participated	-	St. Mary's College, Thoothukudi	19.10.2012
Seminar on "Ramanujan- The Legend Of Infinity"	National Seminar	Participated	-	St. Mary's College, Thoothukudi	14.02.2013-16.02.2013
Institutional Quality Information: Role of Information and Communication Technology	National Seminar	Participated	-	St. Mary's College, Thoothukudi	31.1.2014 - 1.2.2014
International Year of Mathematics for the planet earth 2013	National seminar	Participated	-	St. Mary's College, Thoothukudi	17.07.2014 18.07.2014
Technology Integrated Teaching - TIT 2014	Workshop	Participated		St. Mary's College, Thoothukudi	05.12.2014 06.12.2014
"Recent Trends In Mathematics"	National Seminar	Participated	-	St. Mary's College, Thoothukudi	14.12.2016
"Cosmic Concerns: An Interdisciplinary Dialogue In Applied Ethics"	National Conference organized by IQAC	Participated	-	St. Mary's College, Thoothukudi	27.01.2017 28.01.2017
National Seminar on Academic and Research	National Seminar	Participated	-	St. Mary's college (Autonomous) Thoothukudi	09.12.2017

Integrity in the Digital World					
International Conference on Algebra and Discrete Mathematics	International Conference	Presented	Countability Axioms Via pg^{**} -open sets in Topological spaces	DDE - MK University, Madurai.	08.01.2018-10.01.2018
International Conference on Applications of Mathematics	International Conference	Presented	(i, j) - g^{**} Closed Sets in Bitopological Spaces	St. Mary's college (Autonomous) Thoothukudi	11.01.2018

Ms. K. Rajendra Suba

Title of Workshop/ Seminar/ Conference/ FDP	Type	Paper Presented/ Participated	Title of the Paper	Organized By	Date
One Day Seminar on "E-Resources – A Must In Today's Scholarly World"		Participated	-	St. Mary's College, Thoothukudi	19.10.2012
Emerging trends in Graph Theory and Fuzzy Mathematics	National Seminar	Participated	-	APC Mahalaxmi College for women, Thoothukudi	06.09.2013
"Ramanujan-The Legend Of Infinity"	National Seminar	Participated	-	St. Mary's College, Thoothukudi	14.02.2013-16.02.2013
Institutional Quality Information: Role of Information and Communication Technology	National Seminar	Participated	-	St. Mary's College, Thoothukudi	31.1.2014 – 1.2.2014
The Art of student Mentoring: One day training Programme for College Teachers	Training Programme	Participated	-	Don Bosco College of arts and science, Keela Eral.	05.07.2014

International Year of Mathematics for the planet earth 2013	National seminar	Participated	-	St.Mary's College, Thoothukudi	17.07.2014 18.07.2014
Technology Integrated Teaching – TIT 2014	Workshop	Participated		St.Mary's College, Thoothukudi	05.12.2014 06.12.2014
Advances in Fuzzy Algebra, Fuzzy Topology and Fuzzy Graphs, AFATG-2015	National Seminar	Participated	-	APC Mahalaxmi College for women, Thoothukudi	22.01.2015- 23.01.2015
IQAC“ Quality Enhancement in Higher Education: Teaching, Learning & Evaluation	National Seminar	Participated	-	St.Mary's College, Thoothukudi	07.01.2016 08.01.2016
“ Recent Trends In Mathematics”	National Seminar	Participated	-	St.Mary's College, Thoothukudi	14.12.2016
“Cosmic Concerns: An Interdisciplinary Dialogue In Applied Ethics”	National Conference organized by IQAC	Participated	-	St.Mary's College, Thoothukudi	27.01.2017 28.01.2017
“Mathematics & Its Application Scenario on 21 st Century”	National Seminar	Participated	-	APC Mahalaxmi College for women, Thoothukudi	28.02.2017

Ms. C. Reena

Title of Workshop/ Seminar/ Conference/ FDP	Type	Paper Presented/ Participated	Title of the Paper	Organized By	Date
Institutional Quality Improvement: Role of Information and Communication Technology	National Seminar	Participated	-	St. Mary's College, Thoothukudi	31.1.2014 – 1.2.2014
Technology Integrated Teaching – TIT 2014	Workshop	participated	-	St.Mary's College, Thoothukudi	05.12.2014 06.12.2014

IQAC Quality Enhancement in Higher Education: Teaching, Learning & Evaluation	National Seminar	participated	-	St.Mary's College, Thoothukudi	07.01.2016 08.01.2016
Recent Trends In Mathematics	National Seminar	participated	-	St.Mary's College, Thoothukudi	14.12.2016
Cosmic Concerns: An Interdisciplinary Dialogue In Applied Ethics	National Conference organized by IQAC	participated	-	St.Mary's College, Thoothukudi	27.01.2017 28.01.2017
International Conference on Discrete And Computational Mathematics	International Conference	Paper presented	A class of New Closed Sets in Bitopological Settings	Gandhigram Rural Institute – Deemed University, Dindigul.	18.02.2017
Academic and Research Integrity in the Digital World	National Seminar	participated	-	St.Mary's College, Thoothukudi	09.12.2017
Advances in Mathematics and Computer Science	International Conference	Paper presented	Separation axioms via Semi* δ -Open Sets	V.V.Vanniaperumal College for women, Virudhunagar.	14.12.2017 to 16.12.2017
Algebra and Discrete Mathematics	International Conference	Paper presented	On Semi* δ -Connected and Semi* δ -Compact Spaces	Madurai Kamaraj University, Madurai.	08.01.2018 to 10.01.2018
Applications of Mathematics	International Conference	participated	-	St.Mary's College, Thoothukudi	11.01.2018

Ms. V.Uma Maheswari

Title of Workshop/ Seminar/ Conference	Type	Paper Presented/ Participated	Title of the Paper	Organized By	Date
Recent Trends In Mathematics	State Level Seminar	Participated	-	Govindammal Aditanar College For Women	03.02.2012
One Day Seminar on "E-Resources – St.Mary's College, A Must In Today's Scholarly World	Workshop	participated	-	St.Mary's College, Thoothukudi	05.12.2014 06.12.2014
IQAC" Quality Enhancement in Higher Education: Teaching, Learning & Evaluation	National Seminar	participated	-	St.Mary's College, Thoothukudi	07.01.2016 08.01.2016
Recent Trends In Mathematics	National Seminar	participated	-	St.Mary's College, Thoothukudi	14.12.2016
Cosmic Concerns: An Interdisciplinary Dialogue In Applied Ethics	National Conference organized by IQAC	participated	-	St.Mary's College, Thoothukudi	27.01.2017 28.01.2017
International Conference on Discrete And Computational Mathematics	International Conference	Paper presented	A class of New Closed Sets in Bitopological Settings	Gandhigram Rural Institute – Deemed University, Dindigul.	18.02.2017
Academic and Research Integrity in the Digital World	National Seminar	participated	-	St.Mary's College, Thoothukudi	09.12.2017
Advances in Mathematics and Computer Science	International Conference	Paper presented	Separation Axioms Via Semi* δ -Open Sets	V.V.Vanniaper umal College for women, Virudhunagar.	14.12.2017 to 16.12.2017
Algebra and Discrete Mathematics	International Conference	Paper presented	On Semi* δ -Connected and Semi* δ -Compact Spaces	Madurai Kamaraj University, Madurai.	08.01.2018 to 10.01.2018
Applications of Mathematics	International Conference	participated	-	St.Mary's College, Thoothukudi	11.01.2018

Dr. P. Anbarasi Rodrigo

Title of Workshop/ Seminar/ Conference	Type	Paper Presented/ Participated	Title of the Paper	Organized By	Date
Seminar on "Graph Theory and topological spaces"	National Seminar	participated	-	VOC College Thoothukudi	12.04.2014
Seminar on "Advances in Fuzzy Algebra, Fuzzy Topology and Fuzzy Graphs"	National Seminar	participated	-	A.P.C. Mahalaxmi College for Women, Thoothukudi	22 .01.2015 and 23.01.2015
International Seminar on Mathematics	International Seminar	presented	Quasi alpha star open and quasi alpha star closed function in Topological Spaces	University of Kerala , Trivandrum	26-11-2015 To 28-11-2015
Seminar on "Recent Trends In Mathematics "	National Seminar	participated	-	St.Mary's College (Autonomous) Thoothukudi.	14.12.2016
Workshop on TCI (Theme centered Interactions)	International Workshop	participated	-	St.Mary's College (Autonomous) Thoothukudi.	17.01.2017 to 22.01.2017
Conference "Cosmic Concerns : An Interdisciplinary Dialogue In Applied Ethics "	National Conference	participated	-	St.Mary's College (Autonomous) Thoothukudi.	27.01.2017 - 28.01.2017
Seminar on Emerging trends in Modern Mathematics	National Seminar	participated	-	St.Mary's College (Autonomous) Thoothukudi.	31.03.2017
Soft JP Continuous functions in topological spaces	International conference on Mathematics	presented	Soft JP continuous functions in topological spaces	Gandhigram University	

Ms. J . Annie Arockia Christina

Title of Workshop/ Seminar/ Conference	Type	Paper Presented/ Participated	Title of the Paper	Organized By	Date
Fuzzy Set Theory and its Applications	National Seminar	participated	-	Loyola College, Chennai	11.02.2015
Recent advances in Fuzzy Mathematics and Applications	National level Conference	participated	-	St. Xavier's College, Palayamkottai	17.03.2017 18.03.2017
Modern Trends in Mathematics	State level Seminar	participated	-	Wavoo Wajeeha College, Kayalpattinam	14.09.2017
Applications of Mathematics	International conference	participated	-	St. Mary's college, Thoothukudi	11.01.2018

Ms. A. Ancy

Title of Workshop/ Seminar/ Conference	Type	Paper Presented/ Participated	Title of the Paper	Organized By	Date
Ramanujan - The Legend of Infinity.	National Seminar	participated	-	St.Mary's College, Thoothukudi	14.02.2013 - 16.02.2013
Actuarial Mathematics	Workshop	participated	-	Women's Christian College, Chennai	23.01.2014
Fuzzy Set Theory and its Applications.	National Workshop	participated	-	Loyola College, Chennai.	09.02.2015
Academic and Research Integrity in the Digital World.	National Seminar	participated	-	St.Mary's College, Thoothukudi	09.12.2017
Applications Of Mathematics	International Conference	participated	-	St.Mary's College (Autonomous) Thoothukudi.	11.01.2018
Recent Trends in Mathematics.	International Seminar	participated	-	Nazareth Margoschis College at Pillaiyanmanai, Thoothukudi	02.03.2018

Ms. M. Kanaga

Title of Workshop/ Seminar/ Conference	Type	Paper Presented/ Participated	Title of the Paper	Organized By	Date
Exposure to Algebras	Workshop	participated	-	M.S University. Thirunelveli	03.10.2012 - 05.10.2012
Teaching and Learning in the Digital Age: Perspectives, prospects, Trends and Technologies		participated	-	Aditanar College of Arts and Science, Tiruchendur.	14.03.2014
Conference on Applications Of Mathematics	International	participated	-	St.Mary's College (Autonomous) Thoothukudi.	11.01.2018
Seminar on Recent Trends In Mathematics and Its Applications	National	participated	-	Kamaraj College, Thoothukudi.	19.03.2018

Annexure-VIII

Budget for the Research Centre (Item wise)

Item	Year	Amount (in Rs.)
Books and Journals	2013	25,000
Miscellaneous		10,000
Books and Journals	2014	25,000
Miscellaneous		10,000
Books and Journals	2015	25,000
Miscellaneous		10,000
Books and Journals	2016	25,000
Miscellaneous		10,000
Books and Journals	2017	25,000
Miscellaneous		10,000
Books and Journals	2018	25,000
Miscellaneous		10,000