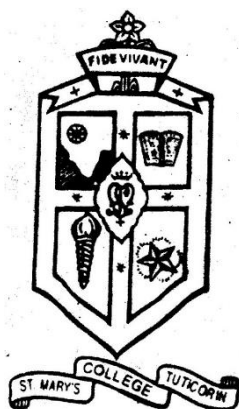


MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI – 12

PROFORMA FOR RENEWAL OF RESEARCH CENTRE



PG AND RESEARCH DEPARTMENT OF ZOOLOGY

ST.MARY'S COLLEGE (Autonomous)

THOOTHUKUDI

2018

Annexure- I (Courses offered)

S.No	Name of the course	Starting year
1	U.G	1963
2	P.G	1984
3	M.Phil	2010
4	Ph.D	2010

.Annexure –II (List of Faculty members now working)

S.No	Name	Qualifications	Date of Appointment	Department	Area of specialization
1	Dr.R.D.Thilaga	M.Sc; M.Phil; M.Ed;Ph.D	27.06.1988	Zoology	Zoology(Malacology& Marine Pharmacology)
2	Dr.Elezabeth Mary	M.Sc; M.Phil; Ph.D	21.06.1985	Zoology	Aquaculture
	Mrs. S. Jesily	M.Sc; B. Ed; M.Phil;	21.06.1985	Zoology	Aquaculture
3	Dr.N.Arockia Mary	M.Sc; M.Phil; Ph.D	01.07.1986	Zoology	Marine Biology
4	Dr.Hermin Pasangha	M.Sc; B.Ed; Ph.D	06.07.1987	Zoology	Toxicology
5	Dr. P.J.Joslin	M.Sc; M.Phil; Ph.D	06.12.2000	Zoology	Marine Biology
6	Dr.S.MaryBaptista Janet	M.Sc; M.Phil; B.Ed;Ph.D	17.01.2001	Zoology	Aquaculture
7	Sr. C.Shibana	M.Sc; B.Ed; M.Phil;	05.10.2007	Zoology	Marine Biology
8	Dr.Jemma Hermelin Jesy Diaz	M.Sc; M.Phil; Ph.D	01.08.2014	Zoology	Marine Biology
9	Ms.Selvi	M.Sc; M.Phil; B.Ed;SET	22.11.2017	Zoology	Marine Biology
10	Dr.S.R.T. Shirley Cross	M.Sc; B.Ed M.Phil;Ph.D	22.11.2017	Zoology	Marine Pharmacology

Annexure –III

List of Publications of Faculty members with impact factor (During the last 5 years)

2012- 2013

- 1.P.Vimala and R.D.Thilaga, 2012.Antibacterial activity of the crude extract of Gastropod *Lambis lambis* from the Tuticorin Coast, India. World Applied Sciences Journal.16 (10):1334 – 1337. H.Index:18, ISSN:18184952,19916426.
2. V.Santhi, V.Sivakumar, A.Thangathirupathi and R.D.Thilaga, 2012. Analgesic,antipyretic, and anti-inflammatory activities of column fraction of *Babylonia zeylonica* (Bruguiera, 1789) in albino rats. International Journal of Pharmacy & Biological Sciences. 2(3):151-159,IF.0.47
3. M.Tamilselvi, H.AbdulJaffar Ali, R.D.Thilaga, 2012. Diversity and seasonal variations of class Ascidiacea in Thoothukudi coast, India. International Journal of Environmental Sciences.Volume 3, No 3.I.F: 4.69
4. P.Subavathy, V.Chandramathi, R.D.ThilagaandM.Tamilselvi, 2013.*Fusinusnicobaricus* – An excellent neogastropod for preparation of good recipes.InternationalJournal of Pharmacy and Biological Sciences. Vol.3,issue 1,432-436.
5. P.J.Joslin, S.Vimala, 2013. Screening, Isolation and Antibigram analysis of *Aeromonas* Species from infected fish and chicken sample. Marian quest, ISSN 2249 –7145 Vol2- 87-91.

Papers Published 2013 - 14

1. P.RamaNisha, A.Elezabeth Mary, M.Uthayasiva, S.Arularasan, 2014. Seaweed *Ulva reticulata* a potential Feed Supplement for Growth, colouration and Disease Resistance in Fresh Water Ornamental gold Fish, *Carassius auratus*. Journal of Aquaculture Research Development, Vol 5 Issue 5, ISSN: 2155- 9546,1000254.
2. P.Subavathy, V.Chandramathi, R.D.Thilaga and M.Tamilselvi, 2013.*Fusinus nicobaricus* – An excellent neogastropod for preparation of good recipes. International Journal of Pharmacy and Biological Sciences. Vol.3,issue 1,432-436.
3. R.D.Thilaga, S.Vimala and P.Subavathy, 2014. Isolation and characterization of bioactive compounds and antibacterial activity of marine gastropod *Phalium glaucum* (L) International Journal of Pure and Applied Zoology. Vol.2,issue 3, 218-223. ISSN(Print): 2320-9577.
- 4.Jemma HermelinJesy Diaz, R.D.Thilaga and S.Mary Baptista Janet, 2014.Cytotoxic activity of crude and partially purified ink of *L.duvauceli* towards HepG2 cell line. International Journal of Pharma Research and Review. 3(6):19-23. ISSN:2278-6074. Impact factor – 3.6
5. Jemma Hermelin Jesy Diaz, R.D.Thilaga and S.Mary Baptista Janet, 2014.Anticancer activity of marine cephalopod (*S.pharaonis*) from Gulf of Mannar. International Journal of Current Science.6(11):10009-10012.ISSN:0975-833X.
6. D.Jayaprabha, R.D.Thilaga and B.Bamini, 2014. Gut content analysis and SEM studies on Radula of *Turbo brunneus*. Marian Quest.2(2):48-57.ISSN: 2249-7145.

Papers Published 2014 -15

1. Jemma Hermelin Jesy Diaz and R.D.Thilaga 2014. Cytotoxic activity of crude and partially purified ink of *L.duvauceli* towards HepG2 cell line. International Journal of Pharma Research and Review. 3(6):19-23. ISSN:2278-6074. Impact factor – 3.6
2. Jemma Hermelin Jesy Diaz, R.D.Thilaga and S.Mary Baptista Janet, 2014. Anticancer activity of marine cephalopod (*S.pharaonis*) from Gulf of Mannar. International Journal of Current Science. 6(11):10009-10012. ISSN:0975-833X..
3. P.Subavathy, A.Uma Maheswari, R.D.Thilaga and Jemma Hermelin Jesy Diaz, 2015. Assessment of *in vitro* anticancer activity of the marine gastropod *Cypraea arabica*. International Journal of Advance Research, 3(3): 20-28. I.F:4.432.
4. S.Jesily and R.Rooslin 2015. A survey of gastropods from Tuticorin Coast, Golden Research Thoughts 5(1): 1-9 IF 3.4052 ISSN 2231-5063

Papers Published 2015-16

1. Jemma Hermelin Jesy Diaz, Thilaga R.D and V. Sivakumar 2015. In-vitro cytotoxic activity of squid and cuttlefish bone extract on Hep G2 cell line. International Journal of Pharmaceutical Sciences and Research 2015 Vol.6(2):778-782. Impact Factor 3.6
2. Jemma Hermelin Jesy Diaz, Thilaga R.D and C. Shibana, 2015. A study on antimicrobial activity of the internal shell of *L.duvauceli* and *S.pharaonis* from Thoothukudi Coastal Region. International Journal of Current Research Volume .7 (11): 22299-22302 ISSN: 0975-833X. Impact Factor 5.4.

3. Jemma Hermelin Jesy Diaz and Thilaga R.D., 2015. GC-MS Analysis of methanolic extract from the internal shell of cephalopods. World Journal of Pharmacy and Pharmaceutical Sciences. Volume 5 (1) 820-831. Impact Factor 5.210.
4. P.J. Joslin and R.D. Thilaga 2016 Antipyretic activity of methylene chloride extracts of two marine Sponges *Axinella donnani* and *Clathira procera* from Thoothukudi Coast. (5)1-5 IF - 3.40
5. S.Selvi and P.J. Joslin 2016 Antibacterial activity of marine puffer fish *Chelonodon patoca* from Thoothukudi coast. Golden research thoughts –International recognition Multidisciplinary Research Journal. 2016 (5) 1-6 IF 3.40
6. P.J. Joslin, P. Kanthimathi and S.Selvi 2016 DNA-RFLP Profile for marine puffer fish *Arothron stellatus* from Thoothukudi coast Golden research thoughts –International recognition Multidisciplinary Research Journal vol.5, issue.10, p.28 Impact factor. 3.4052
7. P.J. Joslin and S.Selvi 2016 Proximate Composition and preliminary Screening of secondary from various tissues of puffer fish *Arothron stellatus* from Thoothukudi coast. International Journal : Golden Research Thoughts Volume - 6 (3) page -1 - 5

Papers Published 2016-17

1. Jemma Hermelin Jesy Diaz and R.D. Thilaga, 2016. Activation of cephalopods ink on Macrophages against RAW 264.7 cell line. World Journal of Pharmaceutical Sciences. Vol.5 Issue 6, 2478-2486, Impact Factor 6.041.

- 2.Jemma Hermelin Jesy Diaz and R.D. Thilaga,. 2016. Screening of Antimicrobial activities in the ink of cephalopods against human pathogens. World Journal of Pharmaceutical Sciences. Vol.5 Issue 6, 2359-2367 Impact Factor 6.041.
- 3.Jemma Hermelin Jesy Diaz and Vithya P. 2016Extraction characterization and assessment of therapeutic potential of the tissue extract of *Sepia brevimana* from Gulf of Mannar. World Journal of Pharmaceutical Sciences. Vol.5 Issue 12, 1137-1148. Impact Factor 6.041.
- 4.V.Santhi, V.Sivakumar, S.Jayalakshmi,R.D.Thilaga and M.Mukilarasi 2016. Isolating bioactive compounds from marine prosobranch *Purpura persica* from Tuticorin Coast. International Journal of Environmental Protection Policy, 4(3): 64-76
- 5.A.Bavani Saraswathy,R.D.Thilaga, S.Jeya Ruby and C.Shibana Assessment of antipyretic activity of the marine gastropod *Babylonia spirata* International Journal of Current Research Vol. 9, Issue, 02, pp.46476-46478, February, 2017
- 6..Sr.C. Shibana, R.D. Thilaga, JemmaHermelinJesy Diaz and T.Esther Elsie., 2017 Antioxidant activities of aqueous and methanolic extracts of the crab *Charibdis feriatus*.World Journal of Pharmaceutical Sciences.Vol.6(2) 8000-8004. Impact factor.6.647.

2017-1018

P.Subavathy¹, R.D.Thilaga², A.Bavani Saraswathy³ and S.Jeya Ruby⁴ Evaluation of Wound Healing Activity of Methanolic Extract of *Tonna dolium* (L.1758) IOSR Journal Of Pharmacy www.iosrphr.org (e)-ISSN: 2250-3013, (p)-ISSN: 2319-4219 Volume 8, Issue 3 Version. 1 (March 2018), PP. 47-51 Impact Factor **1.415** UGC Recognized journal

Annexure- IV

List of Research Guides

S.No	Name of the Faculty	Recognition order No. and Date
1	Dr.R.D.Thilaga M.Sc., M.Ed., M.Phil., Ph.D	MSU/RES/INT/ GUIDESHIP/R5/2008
2	Dr.A.Elezabeth Mary M.Sc., B.Ed., M.Phil., Ph.D	MSU/RES/INT/ GUIDESHIP/R5/2011
3	Dr. P.J.Joslin M.Sc., M.Phil., Ph.D	MSU/RES/INT/ GUIDESHIP/R5/2010
4	Dr.Jemma Hermelin Jesy Diaz M.Sc.,M.Phil., B.Ed.,Ph.D	MSU/RES/INT/ GUIDESHIP/R5/2017

Annexure – V

(i) Space for Research Scholars

(a) In the Department

Zoology Department has a spacious staff -room, tables with shelves 11, arm chairs 11, Computer 1, computer table 1, glass almirah 1, steel almirah 1 and a rack for records. There is a store room adjacent to our staff room with dissection table 1, chair 5, refrigerator 1, racks for microscope 2, small cabinet for slides 1, almirah for files and chemicals 3, small table 1 and ladder

Zoology Department has a spacious staff -room, tables with shelves 11, arm chairs 11, computer table 1, glass almirah 1, steel almirah 1 and a rack for records. There is a store room adjacent to our staff room with dissection table 1, chair 5, refrigerator 1, racks for microscope 2, small cabinet for slides 1, almirah for files and chemicals 3, small table 1 and ladder, Dissection table 44, Stools 100, Dissection Board 80, Dissection bowls 100, Pincups 40, Compound microscope 76, Dissection microscope 41

Class Rooms and Laboratory Spaces

No of Class Rooms : 6

No of Laboratories : 3

Staff Room	- 46' 0" x 16' 0"
U.G Laboratory (2)	- 18' 10" x 15' 11"
P.G Laboratory	- 23' 0" x 15' 11"
I B.Sc Room	- 23' 0" x 15' 11"
II B.Sc Room	- 44' 4" x 24' 11"
III B.Sc Room	- 15' 4" x 23' 8"
I P.G Room	- 12' 3" x 14' 9"
II P.G Room	- 12' 3" x 14' 9"

M.Phil Room - 8' 0" x 6' 0"

(b) In the Library for reading

(c) Storing study & research materials

(ii) Books (Title- Edition)

Total No. of Books : 2,185

Total No. of Journals : 19

List given Below

1. IND.JNL.OF BIOCHEMISTRY&BIOPHYSICS
2. JOURNAL OF GENETICS
3. JOURNAL OF BIOSCIENCES
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

17. JOURNAL OF MODERN SCIENCES

18. BULLETIN OF PURE & APPLIED SCIENCES- ZOOLOGY

19. INTERNATIONAL JOURNAL OF BIOLOGY RESEARCH

(a) **Indian** : 18

(b) **International** : 1

(c) **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 of NDL India

(iv) **Internet Facility**

: Yes

(v) **Computer facilities with essential software**

1	Computer	5
2	Laptop	1
3	Printer	2
4	I . Q. Board	1
5	L C D Projector	1

(vi) **Uninterrupted power supply**

(vii) **Water Supply**

(viii) **Others**

(ix) FOR SCIENCE AND TECHNICAL DISCIPLINES

Research Laboratory

LABORATORY: I

We have 3 well furnished laboratories for U.G and P.G classes which can accommodate 96 students at a time. Our laboratories have the following provisions.

S.NO	FURNITURE NAME	NO.OF FURNITURE
1	Dissection table	44
2.	Stools	100
3.	Dissection Board	80
4.	Dissection bowls	100
5	Pincups	40
6.	Compound microscope	70
7.	Dissection microscope & Eye piece	41

No.of U.G students doing practical at a time - 96

No.of P.G students doing practical at a time - 45

(a) An instrument room is also present in our department in which the necessary equipments are available

(b) Equipments

(i) Minor Equipments

(ii) Major Equipments

Department of Zoology
List of Major and Minor Equipments

S.No	Particulars	No
1.	Trinocular Microscope	1
2.	Cooker	1
3.	Incubator	1
4.	Distillation Unit	1
5.	Water bath	1
6.	Ultra Violet Torch	1
7.	Laminar Airflow Bench	1
8.	Digital Colorimeter	3
9.	Digital PH meter	6
10.	Olympus Phase Contrast Trinocular	1
11.	Binocular microscope	1
12.	Microscope- Compound microscope Dissection microscopoe	74 34
13.	Olympus Digital SLR Camera	1
14.	Muffle Furnace	1
15.	High Speed Centrifuge	1

16.	Refrigerator	1
17.	Rotary Microtome:Spencer Type Feed adjustment	2
18.	UV Visible Spectro Photometer, SOXLET Extraction apparatus	1
19.	HaemocytometerRohem	1
20.	Stage and ocular micrometer	1
21.	Kymograph	1
22.	Chromatographic chamber	2
23.	Hot air oven	2
24.	Electrophoresis unit	1
25.	Gel electrophoresis	1
26.	Electrophoresis supply	1
27.	Centrifuge	1
28.	Autoclave	1
29.	Physical balance	4
30.	Electronic balance	2
31.	Rough balance	3
32.	Weighing machine	1
33.	Innoculation needle	4
34.	Glucometer	1
35.	Digital colony counter	1
36.	Stethoscope	1
37.	Sphgmomanometer	1
38.	Microbiological incubator	1
39.	Hot plate	1
40.	Electricity power supply	1
41.	Microtome	2

42.	Blood cell counter	1
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(c)Space per research scholar in the laboratory

M.Phil Room - 8' 0" x 6' 0"

Annexure – VI

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

Name of the Guide : Dr. R.D.Thilaga

S.No	Name of the Scholar	Register Number	Yearof completion	Name of the University
1	V.Chandramathi	3885	19.03.2015	M.S.University
2	Jemma Hermelin Jesy Diaz	4007	17.08.2012	M.S.University
3	D.Jayaprabha	4513	28.09.2012	M.S.University
4	P.Vimala	3884		M.S.University
5	P.Rama Devi	9140	18.01.2016	M.S.University
6	S.Mary Baptista Janet	1884	29.07.2016	M.S.University

Annexure – VII

Seminars/Conferences/ Symposia attended by the Faculty

Name of the Faculty: Dr. R. D. Thilaga

S. No	Name of the Seminar and Conference	Date/ No of days
1	Workshop on “Fabrication and Management of Aquarium” & Mrian Aqua Expo	18.10.2012/1
2	Seminar on “E-Resources-A must in today’s scholarly world”	19.10.2012/1
3	International Conference on “Global Meet of Biologists	26.12.2012 To 28.12.2012/2
4	National Workshop on Advanced Techniques in Fish Immunology and Immunotechnology	05.09.2013-09.09.2013/5
5	National Seminar on Marine Conservation	18.09.2013/1
6	State Level Seminar on Herbal Research Methodology	08.01.2014/1
7	National Seminar on Institutional Quality Improvement ; Role of Information and Communication Technology	31.01.2014& 01.02.2014/2
8	National level Workshop on Molecular Biotechnology& Bionanotechnology	12.09.2014- 13.09.2014/2
9	Seminar on Library Without Walls ((Electronic Resources)	20.09.2014/1
10	International Seminar on Herbal medicine and Neuro-endocrinology	13.10.2014/1
11	National Symposium on Marine Environmental Conservation	10.12.2014 To 12.12.2014/2
12	National Seminar on Interdisciplinary application of Biology	28.01.15& 29.01.15/2
13	International Conference on Solar Energy	11.02.2015/1
14	National conference on Bioprospecting, Conservation, and Sustainable use of Marine Resources	13.03.2015/1
15	National Workshop on KAUSHAL KENDRA	14.03.2015

16	National Symposium on Current Advances in Immunology Research	7.8.15-8.8.15/ 2
17	Seminar on Ornamental Fish Culture and Management	2.09.15/1
18	Quality enhancement in Higher Education-Teaching Learning and Evaluation	7.01.2016 & 8.01.2016/2
19	National Seminar on Multi-Disciplinary Research (Rapporteur)	20.02.2016/1
20	National Conference on Exploring Space	26.02.2016/1
21	National Seminar on Marine Bioresources; Prospects and Threats	11.02.2016 & 12.02.2016/2
22	Conference on Catholic Higher Education in India: Rethinking purpose and Context	10.05.2016 To 12.05.2016/2
23	International Seminar on Algal Biotechnology : An Eco-friendly Solution For Food , Fuel, and Health	14.10.2016/1
24	National conference on Cosmic concerns:: An Inter disciplinary Dialogue in Applied Ethics	27.01.2017 & 28.01.2017/2
25	Corrosion Awareness Day	6.04.2017/1
26	Inservice Training Programme for Secondary Grade Science Teachers	28.08.2017-01.09.2017/5
27	International Seminar on Global Climate Change-Current Trends and Management	12.09.2017/1
28	International Seminar on The Joy of Living- A Psychological Perspective	26.09.2017/1
29	Awareness Programme on Endangered Marine Organisms	02.03.2018

Name of the Faculty::Dr. A. Elizabeth Mary

S. No	Name of the Seminar and Conference	Date/ No of days
1	“ Research Awareness Programme”	09.03.2012 /1
2	Fabrication and Management of Aquarium	18.10.2012/1
3	National Seminar on Marine Conservation	18.09 .2013/1
4	National Seminar on Departmental Leadership for Heads of Departments	26.9.2013- 29.03.2013 / 4
5	National Seminar on Institutional Quality Improvement: Role of Information and Communication Technology	31.01.2014 & 1.02,2014/ 2
6	Solar Energy	11.2. 2015/1

7	Bioprospecting Conservation and Sustainable use of Marine Resources	13.3.2015/1
8	Ornamental fish culture and management	02.9.2015/1
9	Quality Enhancement in Higher Education: Teaching, Learning and Evaluation	07.1.2016& 08.1.2016 /2
10	Marine Bioresources : Prospects and Threats	11.2.2016& 12.2.2016 /2
11	Multi Disciplinary Research	20.2 . 2016 / 1
12	Algal Biotechnology: An Ecofriendly Solution for Food, Fuel and Health	14.10.2016/1
13	“Cosmic Concerns: An interdisciplinary Dialogue in Applied Ethics”	27.1.2017& 28 .1.2017 /2
14	E-Waste Hazards and Management	09.3.2017/1
15	Corrosion Awareness	6.04.2017/1
16	“Inservice training programme for secondary grade science teachers”	28.01.2017-01.02.2017/5
17	Global Climate Change - Current Trends and Management	12.09.2017-/1
18	The Joy of Living -A Psychological Perspective	26. 09. 2017/ 1
19	Academic and Research Integrity in the Digital World	9.12.2017 /1

Name of the Faculty: S.Jesily

S. No	Name of the Seminar and Conference	Date/ No of days
1	Fabrication and Management of Aquarium	18.10.2012/1
2	Biodiversity and You	14.2.2013/1
3	Library without walls (Electronic Resources)q	20.9.2014/1
4	Solar Energy	11.2. 2015/1
5	Bioprospecting Conservation and Sustainable use of Marine Resources	13.3.2015/1
6	Ornamental fish culture and management	02.9.2015/1
7	Quality Enhancement in Higher Education: Teaching, Learning and Evaluation	07.1.2016& 08.1.2016 /2
8	Marine Bioresources : Prospects and Threats	11.2.2016& 12.2.2016 /2
9	Multi Disciplinary Research	20.2 . 2016 / 1
10	Algal Biotechnology: An Ecofriendly Solution for Food, Fuel and Health	14.10.2016/1
11	“Cosmic Concerns: An interdisciplinary Dialogue in Applied Ethics”	27.1.2017& 28 .1.2017 /2

12	E-Waste Hazards and Management	09.3.2017/1
13	Corrosion Awareness/ Corrosion Awareness Day	6.04.2017/1
14	Global Climate Change - Current Trends and Management	12.09.2017-/1
15	The Joy of Living -A Psychological Perspective	26. 09. 2017/ 1
16	Academic and Research Integrity in the Digital World	9.12.2017 /1

Name of the Faculty: Dr.N.Arokiya Mary

S. No	Name of the Seminar and Conference	Date/ No of days
1	Fabrication and management of aquarium	18.10.2012/1
2	E-Resources – A must in today’s scholarly world	19.10.2012/1
3	Institutional quality improvement – Role of information and communication technology	31.01.2014 & 01.02.2014/2
4	Bioprospecting, conservation and sustainable use of marine resources	13.03.2015/1
5	Ornamental fish culture and management	02.09.2015/1
6	Quality enhancement in Higher Education-Teaching Learning and Evaluation	07.01.2016/1
7	Marine Bioresources Prospects and Threats	11.02.2016& 12.02.2016 /2
8	Multidisciplinary Research	26.03.2016/1
9	Cosmic Concerns : Interdisciplinary dialogue in Applied Ethics	27.01.2017 & 28.01.2017 /2
10	Marine Research Forum from St.Mary’s Collegle Thoothukudi	07.03.2017/1
11	E-Waste Hazards and Management- Centre for Eco-Feminine Excellence St.Mary’s Collegle Thoothukudi	09.03.2017/1
12	Corrosion Awareness/ Corrosion Awareness Day	6.04.2017/1
13	Global Climate Change - Current Trends and Management	12.09.2017-/1
14	The Joy of Living -A Psychological Perspective	26. 09. 2017/ 1
15	Academic and Research Integrity in the Digital World	9.12.2017 /1

Name of the Faculty : Dr. Hermin Pasangha

S. No	Name of the Seminar and Conference	Date/ No of days
1	Fabrication and Management of Aquarium	18.10.2012/1
2	Institutional quality improvement – Role of information and communication technology	31.01.2014 & 01.02.2014/2
3	Solar Energy	11.2. 2015/1
4	Bioprospecting Conservation and Sustainable use of Marine Resources	13.3.2015/1
5	Quality Enhancement in Higher Education: Teaching, Learning and Evaluation	07.1.2016& 08.1.2016 /2
6	Marine Bioresources : Prospects and Threats	11.2.2016& 12.2.2016 /2
7	Algal Biotechnology: An Ecofriendly Solution for Food, Fuel and Health	14.10.2016/1
8	“Cosmic Concerns: An interdisciplinary Dialogue in Applied Ethics”	27.1.2017& 28 .1.2017 /2
9	“Inservice training programme for secondary grade science teachers”	28.01.2017- 01.02.2017/5
10	E-Waste Hazards and Management	09.3.2017/1
11	Corrosion Awareness/ Corrosion Awareness Day	6.04.2017/1
12	Global Climate Change - Current Trends and Management	12.09.2017-/1
13	The Joy of Living -A Psychological Perspective	26. 09. 2017/ 1
14	Academic and Research Integrity in the Digital World	9.12.2017 /1

Name of the Faculty: Dr. P.J. Joslin

S. No	Name of the Seminar and Conference	Date/ No of days
1	Fabrication and Maintenance of Aquarium	18- 10- 2012/1
2	E- Resources _ A must in today’s scholarly world	19- 10- 2012/1
3	Biodiversity and You	14-2-2013- 15-2-2013 /2
4	Herbal Research Methodology	8 – 1- 2014/1
5	Institutional Quality Improvement; Role of Information and Communication Technology	31- 1- 2014 to 1-2-2014 /2
6	Molecular Biotechnology and Bionanotechnology	12-9 -2014 to 13- 9- 2014 /2
7	Winning Strategies for Preparing Proposal and Impressive Presentation	19-11-2014-21-11- 2014/ 3
8	Sponsored by DST & TSCST	10-12-2014 to 12-12- 2104/ 3

9	Virtual Dissection	16-12-2014/1
10	Interdisciplinary application of biology sponsored by UGC	29-01-2015/1
11	Bioprospecting, Conservation and Sustainable use of Marine Resources	13-03-2015/1
12	Ornamental Fish Culture and Management	02-09-2015/1
13	Quality Enhancement in Higher Education: Teaching, Learning and Evaluation	07-01-2014 to 08-01-2014 /2
14	Marine Resources : Prospects and Threats sponsored by UGC	11-02-2016 to 12-02-2016
15	Algal Biotechnology: An eco friendly solution for food, fuel and health	14-10-2016/1
16	Benchmarking Procedures for Quality Enhancement in Higher Education	22-11-2016 to 24-11-2016 /3
17	Cosmic Concerns: An interdisciplinary Dialogue in Applied Ethics	27-01-2017 to 28-01-2017 /2
18	“Inservice training programme for secondary grade science teachers”	28.01.2017-01.02.2017/5
19	Sustainable Environment	09-03-2017/1
20	Corrosion Awareness Day(CAD 2017) by NCCI	06-04-2017/1
21	Global Climate Change-Current Trends and Management	12.09.2017/1
22	The Joy of Living – A Psychological Perspective	26.09.2017/1
23	Academic and Research Integrity in Digital World	09.12.2017/1

Name of the Faculty: Dr. S.Mary Baptista Janet

S. No	Name of the Seminar and Conference	Date/ No of days
1	Fabrication and Management of Aquarium	18.12.2012/1
2	E-Resources A Must In Today's Scholarly World	19.10.2012/1
3	Molecular Biotechnology & Bionanotechnology	12.9.2012-13.9.2012
4	Institutional Quality Improvement: Role of Information Technology and Communication	31.1.2014-1.2.2014 /2
5	Herbal Research Methodology	8.1.2014/1
6	Molecular Biotechnology and Bionanotechnology	12.09.2014-13.09.2014 /2
7	Ornamental fish culture and management	2.09.2015/1
8	Quality Enhancement in Higher Education: Teaching, Learning and Evaluation	7.01.2016-8.01. 2016 /2

9	Marine Bioresources: Prospects and Threats	11.02.2016-12.02.2016 /2
10	Multidisciplinary Research	20.02. 2016/1
11	Cosmic Concerns: An interdisciplinary Dialogue in Applied Ethics”	27.01.2017-28.01.2017
12	E-Waste Hazards and Management	9.3.2017/1
13	Corrosion Awareness Programme	6.4.2017/1
14	Benchmarking Procedures for Quality Enhancement in Higher Education	22-11-2016 to 24-11-2016 /3
15	Cosmic Concerns: An interdisciplinary Dialogue in Applied Ethics	27-01-2017 to 28-01-2017 /2
16	The Joy of Living – A Psychological Perspective	26.09.2017/1
17	Benchmarking Procedures for Quality Enhancement in Higher Education	22-11-2016 to 24-11-2016 /3
18	Cosmic Concerns: An interdisciplinary Dialogue in Applied Ethics	27-01-2017 to 28-01-2017 /2
19	“Inservice training programme for secondary grade science teachers”	28.01.2017-01.02.2017/5
20	Global Climate Change-Current Trends and Management	12.09.2017/1
21	Academic and Research Integrity in Digital World	09.12.2017

Name of the Faculty: Sr. C. Shibana

S. No	Name of the Seminar and Conference	Date/ No of days
1	Workshop	05.01.2011/1
2	National Level Seminar on Ensuring the Sustainability of Coastal Environment	15-01-2011& 16-01-2011 /2
3	Workshopm on Fabrication and Management of Aquarium	18-10-2012/1
4	E-Resources A Must In Today’s Scholarly World	19-10-2012/1
5	Library without walls (Electronic Resources)	20.09.2014/1
6	Seminar on National Symposium on Marine Environmental Conservation	10.12.2014- 12.12.2014 /3
7	International conference	11.02.2015/1
8	National Seminar on Bioprospecting, Conservation and Sustainable use of Marine	13.03.2015/1

	Resources	
9	National Symposium on Current Advances in Immunology Research	07.08.2015 to 08.08.2015 /2
10	Seminar on Ornamental fish culture and management	02.09.2015/1
11	Symposium on	29.11.2015/1
12	National Seminar on Quality Enhancement in Higher Education: Teaching, Learning and Evaluation	07.01.2016-08.01.2016 /2
13	National Seminar on Marine Bioresources: Prospects and Threats	11.02.2016-12.02.2016
14	National workshop	7.09.2016 – 10.09.2016/ 4
15	Inter National Seminar on Algal Biotechnology: An Ecofriendly Solution for Food, Fuel and Health	14.10.2016/1
16	National Conference on Cosmic Concerns: An interdisciplinary Dialogue in Applied Ethics	27.01.2017-28.01.2017 /2
17	National Seminar on Sustainable Environment	9.03 2017/1

Name of the Faculty: Dr. Jemma Hermelin Jesy Diaz

S. No	Name of the Seminar and Conference	Date/ No of days
1	Recent Trends in Pest Management and Conservation of Our Natural enemies	15.03.2012 & 16.03.2012 /2
2	Fabrication and Management of Aquarium	18.10.2012/1
3	Global Convergence on a finite Planet	21.02.2013 & 22.02.2013 /2
4	Institutional Quality Improvement: Role of Information and communication Technology	31.01.2014- 1.02.2014 /2
5	Molecular Biotechnology & Bionanotechnology	12.09.2014- 13.09.2014 /2
6	Faculty Development Programme	17.09.2014- 19.09.2014 /3
7	Funded Projects: Winning Strategies for Preparing Proposal and Impressive Presentation	19.11.2014- 21.11.2014/ 3
8	Virtual Dissection	16.12.2014/1
9	Bioprospecting, Conservation and Sustainable use of Marine Resources	13.03.2015/1
10	Ornamental fish culture and management	02.09.2015/1

11	Quality Enhancement in Higher Education: Teaching, Learning and Evaluation	07.1.2016-08.1.2016
12	Marine Bioresources : Prospects and Threats	11.02.2016-12.02.2016 /2
13	Multi Disciplinary Research	20.02.2016
14	Capacity Building Workshop on E-Content Development	11.04.2016-16.04.2016/5
15	Effect of National Education Policy 2016 In the Present Scenario	8.09.2016-9.09.2016 /2
16	Algal Biotechnology: An ecofriendly solution for food, fuel and health	14.10.2016/1
17	Cosmic Concerns: An interdisciplinary Dialogue in Applied Ethics	27.01.2017-28.01.2017 /2
18	“Inservice training programme for secondary grade science teachers”	28.01.2017-01.02.2017/5
19	Human Values Development Programme	02.02.2017
20	Biology for sustainable Environment	06.03.2017-07.03.2017 /2
21	E-Waste Hazards and Management	09.03.2017/1
22	Corrosion Awareness Day	6.04.2017/1
23	Planning Meeting of Mentors (Training to PG teachers)	5.09.2017/1
24	Content Enrichment Training for PG Teachers	22.09.2017/1
25	Global Climate Change-Current Trends and Management	12.09.2017/1
26	The Joy of Living – A Psychological Perspective	26.09.2017/1
27	Orientation Programme for Research Supervisors of M.S. University	1.11.2017/1
28	UGC sponsored 99 th Orientation Programme	15/11/2017-12.12.2017/28
29	SMART SUMMIT-2017 (Science, Medicine, Agriculture, Research and Technology) SMART SUMMIT-2017 (Science, Medicine, Agriculture, Research and Technology)	10/12/2017/1

Name of the Faculty: Dr. S.R.T. Sherly cross

S. No	Name of the Seminar and Conference	Date/ No of days
1	Diversity and Distribution of Shore Birds in Tuticorin Coastal Area of Gulf of Mannar – Advances in Applied Science Research – Pelagia Research Library	2015
2	Science Day Programme – Marine Campus Rajakamangalam	28.02.2017
3	“Inservice Training Programme for Secondary Grade Science Teachers”	28.08.2017- 01.09.2017
4	Global Climate Change - Current Trends and Management	12.09. 2017
5	The Joy of Living – A Psychological Perspective	26.09.2017
6	Academic and Research Integrity in Digital World	09.12.2017

Name of the Faculty: Mrs. Selvi

S. No	Name of the Seminar and Conference	Date/ No of days
1	Fabrication and Management of Aquarium	18.10.2012/1
2	Institutional Quality Improvement: Role of Information and communication Technology	31.01.2014-1.02.2014 /2
3	Quality Enhancement in Higher Education: Teaching, Learning and Evaluation	07.1.2016-08.1.2016
4	Marine Bioresources : Prospects and Threats	11.02.2016-12.02.2016 /2
5	Multi Disciplinary Research	20.02.2016
6	Cosmic Concerns: An interdisciplinary Dialogue in Applied Ethics	27.01.2017-28.01.2017 /2
7	Human Values Development Programme	02.02.2017
8	“Inservice training programme for secondary grade science teachers”	28.01.2017-01.02.2017/5
9	Global Climate Change - Current Trends and Management	12.09. 2017
10	E-Waste Hazards and Management- Centre for Eco-Feminine Excellence St.Mary’s College Thoothukudi	09.03.2017/1
11	Academic and Research Integrity in Digital World	09.12.2017/1

Annexure VIII

Budget for the Research Centre

(Item wise)

2012-2013

1. Equipments - 2,00,000
2. Books & Journals - 25,000
3. Miscellaneous - 15,000

2013-2014

1. Equipments - 2,00,000
2. Books & Journals - 25,000
3. Miscellaneous - 15,000

2014-2015

1. Equipments - 2,00,000
2. Books & Journals - 25,000
3. Miscellaneous - 15,000

2015-2016

1. Equipments - 2,00,000
2. Books & Journals - 25,000
3. Miscellaneous - 15,000

2016-2017

1. Equipments - 2,00,000
2. Books & Journals - 25,000
3. Miscellaneous - 15,000

2017-2018

1. Equipments - 2,00,000
2. Books & Journals - 25,000
3. Miscellaneous - 15,000

MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI – 12
PROFORMA FOR RECOGNITION/ RENEWAL OF RESEARCH CENTRE

- | | | |
|--|--|------------|
| 1. Name of the college | St.Mary's College (Autonomous) Thoothukudi | |
| 2. Name of the Department | Department of Zoology | |
| 3. Courses offered | Annexure- I | (Enclosed) |
| 4. List of faculty members now working | Annexure – II | (Enclosed) |
| (Approved by the University) | | |
| 5. List of Publications of Faculty members
with impact factor (During the last 5 years) | Annexure – III | (Enclosed) |
| 6. List of Research Guides | Annexure – IV | (Enclosed) |
| 7. Facilities available in the Research
Centre | Annexure – V | (Enclosed) |
| 8. List of Ph. D's awarded under the
guidance of existing Guides | Annexure – VI | (Enclosed) |
| 9. List of Conferences/ Seminars
attended by Faculty Members | Annexure – VII | (Enclosed) |
| 10. Budget for the Research Centre
(Item wise) | Annexure – VIII | (Enclosed) |


SIGNATURE OF THE HEAD OF THE DEPT
HOD
PG & Research Department of Zoology
St. Mary's College (Autonomous)
Thoothukudi - 628 001.


SIGNATURE OF THE SECRETARY
Secretary
St. Mary's College (Autonomous)
Thoothukudi - 628 001.


SIGNATURE OF THE PRINCIPAL
Principal
St. Mary's College (Autonomous)
Thoothukudi - 628 001.