

ANNUAL QUALITY ASSURANCE REPORT 2010 – 2011

Submitted to
National Assessment and Accreditation Council
Bangalore



**INTERNAL QUALITY ASSURANCE CELL (IQAC)
MANONMANIAM SUNDARANAR UNIVERSITY
TIRUNELVELI – 627 012.
TAMIL NADU**

ANNUAL QUALITY ASSURANCE REPORT (AQAR)

Name of the Institution: MANONMANIAM SUNDARANAR UNIVERSITY,
Tirunelveli – 627 012 TAMIL NADU

Vice – Chancellor : **Prof.Dr. R.T.SABAPATHY MOHAN**
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YEAR OF REPORT: July 2010 – June 2011

Section A:

The plan of action chalked out by the IQAC in the beginning of the report year towards quality enhancement.

- To build up more infrastructural facilities like constructing one more hostel for men, additional well equipped classrooms for Departments which have started new courses, providing generator facilities wherever needed, constructing more rooms for University Library etc.
- To implement Office automation in full sense so that time required to complete a task may be reduced and manpower could be consumed, resulting in an Office of sustainability.
- To increase the strength in Distance education still further by introducing several innovative practices in the existing system, thereby attracting the students.
- To have more tie-ups with industries to improve technology available in the campus.
- To expand the activities of the University by introducing student exchange programmes with leading Research institutions.
- To train the students in all aspects so that our University at par with Universities of International standards.
- To improve the Library Services
- To create recreation room for students
- To recruit teachers to the vacant positions
- To improve research and extension activities

Section B:

1. **Activities reflecting the goals and objectives of the institution**

GOAL OF THE INSTITUTION

“Knowledge is power”

VISION AND MISSION OF THE UNIVERSITY

In pursuit of Excellence

“by providing quality education, especially for the rural and the unreached,”

“through innovation in teaching, research and Extension activities”,

“by promoting human values for social Harmony. ”

Objectives:

1. To provide higher education to unreached sections of the society in Tirunelveli, Tuticorin and Kanyakumari districts.
2. To attain national goal of 15% GER in Education.
3. To offer new academic programmes
4. To organize collaborative programmes
5. To initiate Institution – Industry tie-ups
6. To improve quality culture in the University

2. New Academic Programmes Initiated (UG and PG)

(A) PG Courses offered in University Departments:

S. No	Name of the Course	Name of the University Department
1.	Five – year Integrated M.Sc. in Mathematics	Department of Mathematics
2.	M.A. in Coastal Resource Economics and Management	Department of Economics
3.	M.A.in Human Rights and Duties Education	Department of Criminology and Criminal Justice
4.	Post - Graduate Diploma in Human Rights and Duties – Part Time	Department of Criminology and Criminal Justice
5.	M.E. in Applied Electronics	Department of Computer Science and Engineering
6.	Certificate Course in Counselling for Children with Special Needs	Department of Psychology
7.	M.Phil. in InformationTechnology	Centre for Information Technology and Engineering

(B) New Courses offered through Distance Mode:

1. B.A. General
2. B.Sc. General (Maths, Physics & Chemistry)
3. B.Sc. General (Biology, Physics & Chemistry)

(C) New Courses offered in Affiliated Colleges:

1. M.Sc. in Nano Science & Nano Technology (UGC Innovative Programme)
2. P.G.Diploma Course in Bio-informatics
3. P.G.Diploma Course in Catering & Hotel Management
4. P.G. Diploma in Bio-Informatics (UGC Innovative Programme)
5. UGC Career Oriented Programme - Certificate/Diploma/Advanced Diploma Courses in Computer Science and Applications
6. Career Oriented Programme -Certificate /Diploma/Advanced Diploma Courses in Stock Market
7. UGC Career Oriented Programme-Certificate/Diploma/Advanced Diploma Courses in Lab Technology
8. UGC Career Oriented Programme - Certificate / Diploma / Advanced Diploma Courses in Tour & Travel
9. UGC Career Oriented Programme -Certificate/Diploma/Advanced Diploma Courses in communicative English
10. UGC Career Oriented Programme -Certificate/Diploma/Advanced Diploma Course in Herbal Medicines
11. UGC Career Oriented Programme - Certificate/Diploma/Advanced Diploma Course in Human Rights Education
12. Certificate Course in Entrepreneurship
13. Certificate Course in Library Science
14. Certificate Course in Vermiculture
15. Certificate Course in Personnel Management
16. Certificate Course in Computer Training & Construction
17. Certificate Course in Stock Marketing
18. Certificate Course in Herbal Medicine
19. Foundation Course in Human Rights Education

3. Innovations in Curricular Design and Transaction

1. New papers entitled – (a) Archeology and Culture (b) Comparative Literature and (c) Tamil Literary Anthropology were introduced in the Curriculum of M.A. in Tamil degree course.
2. A new paper entitled “History of Tamil Grammar works” was introduced in the Curriculum of M.Phil in Tamil degree course.
3. “Research Methodology” Paper is introduced in M. Phil to help the students in the preparation of theses/dissertations in Pre-doctorate and doctorate levels.
4. Participatory learning materials were developed for the paper “Advanced Educational Psychology” and issued to M.Ed Students.

5. Teaching –Learning activities took place on the thrust areas such as Issues of marginalized communities, Women, Aged and Children.
6. Nomenclature of two U.G. Courses were changed

S. No	Old Title	New Title
1.	B.A., Journalism and Mass Communication	Bachelor of Journalism and Mass Communication
2.	B.Sc., Advanced Zoology and Biotechnology	B.Sc., Zoology

4. Inter - disciplinary programmes started

1. M.A.degree programme on “Coastal Resource Economics and Management” was started by the Department of Economics under the scheme of innovative degree course with financial support from U.G.C. The course encompasses various disciplines such as Economics, Management Sciences and Marine Sciences.
2. M.A. degree programme on Human Rights and Duties Education was started by the Department of Criminology and Criminal Justice. The department has also launched a P.G.Diploma and a Certificate courses on Human Rights for the benefit of the students from other disciplines.
3. A new M.Phil. degree course was started with inter-disciplinary in nature by the Centre for Social Exclusion and Inclusive Policy.

5. Examination reforms implemented

- Special Supplementary Examination was conducted for the outgoing candidates who failed in only one paper.
- Field studies, case analysis are prescribed as criteria for evaluation under Internal Assessment by Department of Sociology.
- Questions conforming to the CSIR - UGC and NET pattern were introduced by Department of Chemistry.
- Examination was conducted by the Department and evaluated internally.
- Embedded tests were conducted.

6. Candidates qualified: NET/SET/GATE etc.

S.No	Name of the Candidate	Name of the Department	Examination
1	M. Anees Fathima	Mathematics	SET
2	Dr. L. Baranikumar	Mathematics	SET
3	R. Kavitha	Mathematics	SET
4	A. Mallika	Mathematics	SET
5	Dr. M.S. Muthurasu	Mathematics	NET

6	S. Nithya	Mathematics	SET
7	V. Ramanathan	Mathematics	SET
8	C. Sathya	Mathematics	SET
9	C. Sundararajan	Mathematics	SET
10	D.Thanga Rajathi	Mathematics	SET
11	S. Veeramani	Mathematics	SET
12	S.V.Shen Mers	Chemistry	NET- JRF
13	G. Chinnadurai	Chemistry	NET- JRF
14	Mr. M. Kathiresan	Geo-Technology	NET
15	Sweeshma P. Dev	Geo-Technology	NET
16	Neethu Susan Cherian	Criminology and Criminal Justice	NET
17	S. Gayathri Devi	Criminology and Criminal Justice	NET-JRF
18	J.Yuvarani	Bio-Technology	NET
19	Subbashini	Bio-Technology	NET
20	S. Paramasivan	Centre for Social Exclusion and Inclusive Policy	SET
21	S. Ponni	Sociology	NET

7. Initiative towards Faculty Development Programme

1. Centre for Social Exclusion and Inclusive Policy conducted "Participatory Curriculum Development Workshop on Social Exclusion " during August 23-28, 2010. Prof. Graham John Room, Department of Social & Policy Science, University of Bath, United Kingdom delivered special lectures in the workshop.
2. Internal Quality Assurance Cell organized, jointly with Centre for Social Exclusion and Inclusive Policy, "Workshop on Teaching and Learning of Research Methods in Humanities and Social Science" during November 08-13, 2010. Dr.WimDechering, The Netherlands delivered special lectures in the workshop.
3. Centre for Social Exclusion and Inclusive Policy organized "Workshop on European Union Funding Opportunities & Experimental Research and Report Writing" during November 22-27, 2010. Ms. Cecilia Costa, UDLINK Program Management Unit of European Commission, Brussels, Belgium was the resource person.
4. Centre for Social Exclusion and Inclusive Policy organized "Regional Workshop on NGOs and Employment Opportunities for Social Change" on December 22, 2010.
5. University Library conducted a meeting on "Information and Library Network Centre (INFLIBNET) User Awareness concerning N-LIST" on February 11, 2011. National Library and Information Services Infrastructure for Scholarly Content (N - LIST) is a joint project of UGC-INFONET Digital Library Consortium, INFLIBNET and INDENT-AICTE Consortium, IIT, New Delhi.

Objective of the meeting was to create awareness among University Departments and affiliated Colleges on (i) cross subscription to e-resources subscribed by the two Consortia, and (ii) access to selected e-Resources to the users in all disciplines other than agriculture, management, engineering, medical, pharmacy, dentistry and nursing.

6. Department of Sociology developed tie-up with the Department of Sociology at Budapest University, Hungary in terms of collaborative research and academic visits.
7. Mr. A. Chenthilnathan, Assistant Professor, Department of Pharmaceutical Chemistry has attended faculty development programme "IT for Non IT Teachers and Non-Teaching staff members organized jointly by ICT Academy of Tamilnadu and Department of Computer Science and Engineering, M.S. University, Tirunelveli-12 during 23-25 June 2011.
8. Dr. R. Sasikumar, Assistant Professor Department of Statistics attended Orientation course during 09-06-2011 to 06-07-2011 at UGC – Academic Staff College, Bharathiar University, Coimbatore.

8. Total Number of Seminars/Workshops conducted

S. No	Name of the Department / Faculty	Title/ Theme of the Programme	Period
1	Department of Tamil Studies	mz;zh mwf;fl;lisg; nghopT	September 22,2010
2	Department of Tamil Studies	kWgf;fk; ehty; Fwpj;j fUj;juq;fk;	October 08,2010
3	Department of Hindi	Hindi National Seminar organized by Department of Hindi, MSU	September 29, 2010
4	Department of History	" Socio and Religious Movements in Tamil Nadu"	March 28-30,2010
5	Department of Sociology	Child Abuse: Manifestations and Remedies	December15, 2010
6	Department of Sociology	Buddhism : Sacred and Secular Doctrines in Diverse context	December 20 & 21,2010
7	Department of Sociology	Health Care and Traditional Medicine	March 3 &4,2011

8	Department of Sociology Collaboratively with the Department of Sociology and Social Work, S.T.HinduCollege, Nagercoil.	Seminar on Community Heath	October 11&12, 2010
9	Department of Communication	UGC Sponsored National Conference on Grassroots Communication for Development	February 25 & 26, 2011
10	Department of Computer Science and Engineering	Workshop on - "Business Intelligence",	August 9, 2010
11	Department of Computer Science and Engineering	Workshop on - "Advanced Media Technology & Medical Image Processing"	August 9, 2010
12	Department of Statistics	Workshop on Role of Statistics in Health Organizations and Software Industries.	November 2 & 3, 2010
13	Department of Statistics	Workshop on Statistics and Computer Applications	January 27-28, 2011.
14	Department of Statistics	UGC sponsored Workshop on Stochastic Modeling and Its Applications & National Conference on Recent Trends in Statistics and Computer Applications	March 24 – 26, 2011.
15	Department of Mathematics	National Conference on Non-Linear Functional Analysis	March 3-5, 2011.
16	Department of Physics	National Seminar on Advances in Physics	March 10 & 11 2011
17	Department of Physics	National Seminar on Structural Bioinformatics	March 4, 2011
18	Department of Physics	One Day In House Seminar On Physics in Honour of Prof.Dr.N. Arunachalam	September 29, 2010
19	Department of Chemistry	National Conference on Current Trends in Chemistry	March 24 & 25 2011
20	Centre for Marine Science and Technology	National Tamil Conference on "Arivial Tamil"	October 7 & 8, 2010

21	Centre for Geo-Technology Collaboratively International Association of Geomorphologist (IAG)	International workshop on "Geomorphological Hazards"	July 21-23, 2010.
22	Centre for Geo-Technology	UGC Merged scheme workshop on "The Art of Research Grant Proposal Writing"	March 24 & 25, 2011.
23	Department of Management Studies	Seminar on Investors Awareness on Capital Markets	16 th September 2010
24	Department of Criminology and Criminal Justice	One Consultation for Multi Disciplinary Professionals on Response to Child Abuse	January 25, 2011.
25	Department of Criminology and Criminal Justice	First International Conference of the "South Asian Society Of Criminology and Victimology at Jaipur"	January, 14 & 16 2011
26	Department of Criminology and Criminal Justice	National Symposium on "Cyber Crime"	March 10-11, 2011
27	Department of Economics	Mining of River Sand and Its Impacts on the Environmental	March 10-11, 2011
28	Department of Commerce	Orientation Programme for Research Scholars	September 8, 2010
29	Department of Education	Workshop on Capacity Building Programme on Research Methodology	September 23, 2010
30	Department of Education	Workshop on UGC NET Examination	December 10 & 11, 2010
31	Department of Education	National Seminar on "ICT Resources in Education : Prospects & Challenges"	11 th & 12 th March 2011
32	Department of Education	Workshop on Applications of SPSS in Research	April 8-11, 2011
33	Department of Bio-Technology	National symposium on "Recent Developments in Environmental Science and Technology"	August 19 - 20, 2010
34	Department of Pharmaceutical Chemistry	National Seminar on " Recent Trends in Natural Products Chemistry "	March 18, 2011

35	Centre for Social Exclusion and Inclusive Policy	Participatory Curriculum Development Workshop on Social Exclusion.	August 23-28,2010
36	Department of Psychology	Future –Soft skills for University Students	August 4, 2010
37	Department of Psychology	Scope of Psychologist in Rehabilitation	September 2, 2010
38	Department of Psychology	Career Opportunities – University Students	September 17, 2010
39	University Library	Seminar – 1	Workshop – 1
40	National Service Scheme (NSS) jointly with Rajiv Gandhi National Institute of Youth Development, Sriperumbudur	Seminar on “International Year of Youth”	July 3, 2010
41	National Service Scheme (NSS) Collaboratively with District Health and Rural Development.	“World Population Day” Competitions	July 6, 2010
42	Department of Youth Welfare	Workshop for the Youth Co-ordinators	July 27,2010
43	Department of Youth Welfare	Residential Workshop for South Zone Inter University Youth Festival	August 12-18,2010
44	Department of Youth Welfare	Zonal Level Seminar for YRC Programme Officers	September 8, 2010
45	Department of Youth Welfare	Workshop on “ Enhancing Life Skills” for the students of the Departments of Education & Economics	September 15, 2010
46	Department of Youth Welfare	Workshop on “ Enhancing Life Skills ” for the students of the Departments of History, Statistics, Management Finance & Tamil	September 16, 2010
47	Department of Youth Welfare	Workshop on “ Enhancing Life Skills” for the students of the Department of Management Studies, Computer Science & Centre for Information Technology and Engineering.	September 17, 2010
48	Sri Paramakalyani Centre for	10 th Tamil Nadu Science Congress, Tirunelveli.	2010-11

	Environmental Sciences		
49	Sri Paramakalyani Centre for Environmental Sciences	National Conference on 'Nanotechnology: Applications and its Advantages in Natural Science',	Feb 4-5, 2011
50	Department of Physical Education and Sport	National Workshop on Principles of Athletics Coaching and Officiating.	March 4-5, 2011.
51	India-EU Study Center Programme	Expanding Horizons of History: Challenges & Relevance & Methods its Indian History	February 28-March 5, 2011.

9. Research Projects : Ongoing and Completed

S.No	Principal Investigator and Department	Title of the Research Project	Amount Sanctioned (Rs.)	Funding Agency	Completed/ Ongoing
1	Department of Tamil Studies	Major Project	2,50,000	CICT	Ongoing
2	Dr.S. Ravindranathan	UGC Emeritus Fellowship	4,80,000	UGC	On-going
3	Dr.S. Prabahar, Department of English	Narratives on Cultural Identity	25,000	MSU	
4	Dr.P.K.Kalyani Department of English	Women in Cankam Literature	One Lakh	Central Institute of Classical Tamil	
5	Dr.P.K. Kalyani Department of English	Diasporic Aesthetics	One lakh	UGC	
6	Dr.R. Ramesh Department of English	Developing Communicative Competence of English of MSU Area	5 Lakhs	UGC	
7	Dr. J. Jenitha Department of English	Psychology of Suffering and Recovery : A Study of the works of Amy Carmichael	25,000	MSU Seed money project	
8	Dr.R. Vasuhi Department of English	Marginalization of the Black African Women	40,000	MSU	
9	Dr. B. Maria John Department of	'Veiled Heroes of Tirunelveli District: A Study on Organized	4,61,200	UGC Major Project	Ongoing

	History	Indian National Movement 1820 – 1947'			
10	Dr.R.Rama subramanian Department of History	"Political Development of Depressed class in Tirunelveli 1947 – 1987"	40,000	Seed Money Project	Ongoing
11	Dr. R. Maruthakutti Department of Sociology	Filial Obligations, Role Relationship and Support for the Aged: A Comparative Study of Elderly Institution and Family.	4, 35,160,	ICSSR	Completed
12	Department of Communication	UGC-SAP-DRS (I)	16,63,966	UGC	On-going
13	Dr.R.S.Rajesh Department of CSE	Wavelet and VOI based on Authentication Scheme for Multidimensional Medical Images in Mobile Centric Communication using Fuzzy Clustering	12.15 lakhs	UGC	Completed
14	Dr.K. Senthamarai Kannan Department of Statistics	Major Project	7,47,000/-	UGC	Ongoing
15	Dr.A. Loganathan Department of Statistics	Major Project	6,28,300/-	UGC	Ongoing
16	Dr.A. Rajarathinam Department of Statistics	Major Project	5,62,800/-	UGC	Ongoing
17	Dr.P.Arumugam Department of Statistics	Major Project	5,87,800/-	UGC	Ongoing
18	Dr.R. Sasikumar Department of Statistics	Major project	5,61,800/-	UGC	Ongoing
19	Dr. T. Tamizh Chelvam, Department of Mathematics	Major Project	9,82,800	DST	Completed
20	Dr. S. Monikandan Department of	Major Project	8,99,280	DST	Completed

	Mathematics				
21	Department of Mathematics	UGC-SAP-DRS (I)	17,28,400	UGC	Ongoing
22	Dr. D. Pathinettam Padiyan, Department of Physics	i) Influence of Electron Beam Irradiation on the Properties of Conducting Polymer Composites	11,18,000/-	DAE BRANS	Completed 2010
23	Dr. D. Pathinettam Padiyan, Department of Physics	ii) Influence of Swift Heavy Ion Irradiation on the Structural, Transport and Gas Sensing Properties of Copper Ferrites and its Composites.	2,61,000/-	IUAC, New Delhi	Completed 2010
24	Dr. D. Pathinettam Padiyan, Department of Physics	iii) Photo – Induced Properties and Impedance analysis of Ge – chalchogenide Thin Films towards Optical / Resistive Switching Applications	9,27,800/-	UGC,	Ongoing
25	Dr. D. Pathinettam Padiyan, Department of Physics	iv) Fabrication of Titania Nanotubes Arrays with Polyoxometalates and their Hotoelectrochemical Hydrogen Generation Properties.	31,35,960/-	DST Nano Mission,	Ongoing
26	Dr. K. Veluraja, Professor	i) Establishment of Bioinformatics infrastructure Facility (BIF)	44.60 Lakhs	DBT for the promotion of Biology Teaching through Bioinformatics (BTBI) under the BTIS net program	On-going

27	Dr. K. Veluraja,	ii) Molecular Dynamics Simulation Studies on the Complexes of Lectin/ In-silico Modified Lectins and Sialic acid/ Sialyloligosaccharides.	27.36 Lakhs	DBT – India & AIST – Japan	Ongoing
28	Dr. K. Veluraja, Professor	iii) Translation of “Fundamentals of Physics” authored by Holiday / Resnick / Walker Book in Tamil	2.80 Lakhs	Government of Tamil Nadu	Ongoing
29	Dr. K. Veluraja, Professor	iv) Structural Investigations of Mucins by X-Ray Diffraction, Molecular Modeling and Molecular and Molecular Dynamics Simulation	19.75 Lakhs	DST	Ongoing
30	Dr. T.R. Rajasekaran, Professor	Investigation on shape – phase transitions and shape evolution in rapidly retelling nuclei.	7,95,267/-	UGC	Completed
31	Dr. B. Sundarakanann,	i) Development of Magneto electric Laminated Composites for Magnetic Field sensors Microwave Devices”	10.237 Lakhs	-	Ongoing
32	Dr. B. Sundarakanann,	ii) “Development of Lead – free Piezoelectric Ceramics”	14.5 Lakhs	CSIR	On going
33	Dr. K. Mohanraj,	“Influence of Agro Waste on Light Weight Cement Composite”	-	MSU	Completed
34	Dr. S. Shailajha,	Translation of “Fundamentals of Physics” Authorized by Holliday / Resnick / Walker Book in Tamil	19.75 Lakhs	DST	On-going
35	Dr. E. Subramanian Department of	Chemical Sensors	7,00,000	DST	Ongoing

	Chemistry				
36	Dr.C. Kannan Department of Chemistry	Green Approach for the Synthesis of High Molecular Weight Energetic Polymer Synthesis over Solid Acid Catalyst	13,00,000	DRDO	Completed
37	Dr. C. Kannan Department of Chemistry	Green Chemistry approach to Produce a Novel Dye Gas for Fuel from Organic Dye Effluent over Alumino Phosphate based Mesoporous Molecular Sieves	3,86,000	UGC	Completed
38	Dr.C.Kannan Department of Chemistry	Decolorisation of synthetic and Real Textile /Paper Wastewater by the use of Laccase from Pleurotus Florida (white-rotfungi): Production & Decolorization Optimization using Response Surface Methodology	Rs.9,00,000	DBT	Completed
39	Centre for Geo- Technology	Exploration and Evaluation of Alluvial Placer Deposits in the Cauvery Drainages around Musiri Taluk, Tamilnadu.	9,26,800	UGC	
37	Dr.K. Swarnalatha Department of Chemistry	Encapsulated RedoxCenters. Regulating the Redox Switching Quinones by Calixarenes”	75,000	MSU	Completed
40	Dr.K. Swarnalatha Department of Chemistry	“ Excited State Dynamics Ruthenium (II)-polypyridyl Complexes in	13.68lakhs	DST	Ongoing

		nanomicellar Cavities. Tuning the Light Harvesting Unit.			
40	Dr.A.G.Murugesan, Sri Paramakalyani Centre for Environmental Sciences	“Quality Assessment of Water and Sediment in Critical Locations of Gulf of Mannar”	7,34,000/-	GOMBRT	Ongoing
41	Dr.A.G.Murugesan Sri Paramakalyani Centre for Environmental Sciences	“Preservation and Safety evaluation Siddha /Ayurvedic Preparations applying Microtron Irradiation”	12,06,600	DAE - BRNS	Ongoing
42	Dr.S. Senthil Nathan, Sri Paramakalyani Centre for Environmental Sciences	“Effect of Enriched Co2 and o3 on Insect Plant Interactions: A Field Experiment and Greenhouse Analysis of Co2 and o3 Mediated Changes on plant Chemistry in specialist Herbivore performance	14,59,333	CSIR	Ongoing
43	Dr. D. Ganesh, Sri Paramakalyani Centre for Environmental Sciences	“Collection conser and Molecular characterization of wild and hybrid derivative of Amla (Phyllanthus emblica) Germplasm in TirunelveliDistrict. TamilNadu”.	5,81,800	UGC	Ongoing
44	Dr. P. Ravichandran , Sri Paramakalyani Centre for Environmental Sciences	“ Molecular Marker Assisted Genetic and Population Diversity Studies on Kingiodendron Pinnatum – A critically Vulnerable Timber Species of Southern Western Ghats”	28,41,000	DST	Ongoing
45	Dr. P.	“ Assessing Genetic	58,68,000	DBT	Ongoing

	Ravichandran , Sri Paramakalyani Centre for Environmental Sciences	Diversity, Propagation and Restoration of Elaeocarpus Blasloi and Kingiodendron Pinnatum – Ret species from Southern Western Ghats through Biotechnological Interventions “			
46	Centre for Geo- Technology	Sea Bed Mapping and Characterization of Sea Floor Facies using Multibeam Bathymetry between Gulf of Mannar and Marakanam Coast, Tamilnadu, India	2,29,99,600	DRDO- (Naval Research Board)	
47	Centre for Geo- Technology	FIST for development of Infrastructure	80,00,000	DST	

48	Centre for Information Technology and Engineering	“Design and Implementation of a New Class of Nonlinear Filters in 2D Signal / Image Processing”,	36, 19,000/-	DNRD/ DRDO	Ongoing
49	Centre for Information Technology and Engineering	“Data Mining to Predict Financial Markets using Quantitative Analysis”.	15,90,000	Money Tick, Inc. Cali fornia, USA.	Completed
50	Dr.S.Manickam Department of Economics	“A Study on Economic Feasibility, Value Addition and Marketing and Econometric Modeling of Heavy Minerals in Beach Placer in TamilNadu”	4.6 lakhs	UGC	Completed
51	Dr.J.Sacratees, Department of Economics	“Health impact of Tamirabarani River Water Pollution –An Economic Valuation”	4,71,200	UGC	Ongoing

52	Dr.C. Thilakam, Department of Commerce.	“Socio Economic Empowerment women through Micro Enterprises in Southern District of Tamil Nadu .	5,61,150	ICSSR	Ongoing
53	Dr.B. William Dharma Raja, Department of Education	Bringing Awareness on Basic Science, Basic Science Course & its Prospects among the Parents of Prospective Tertiary Level Students			Ongoing
54	Department of Bio-Technology		20 Lakhs	UGC	Completed
55	Dr. S. Sudhakar, Department of Bio-Technology	Characterization of Fundamental Cell and Molecular Biology of Lamin A Protein	45.732 Lakhs	DBT	Ongoing
56	Dr. S. Sudhakar, Department of Bio-Technology	Finding of Diagnostic Tool for Prostate Cancer	Rs.10lakhs	UGC	Ongoing
57	Dr. S. Sudhakar, Department of Bio-Technology	Silencing of gene Expression to Study Regeneration”-	54,49,000	DBT	Ongoing
58	Department of Bio-Technology Collaboratively with Prof. Kumarasen	Studies on the Syntheses, DNA Binding-, and Anticancer Activity of some 12 – Thiasterioids and Steroidal Analogues	Rs.10 Lakhs.	UGC	Ongoing
59	Dr.S.Umamahes wari , Department of Bio-Technology	Impact of Climate of on the Diversity Patterns of Earthworms Confined to Kalakad Mundanthurai Tiger reserve of Western Ghats, South India	8,94,300	UGC	Ongoing
60	Dr.S.Umamahes wari , Department of Bio-Technology	Emerging Environmental Challenges, Natural Resource Management and Suitable Crop selection in Dyeing Effluent Irrigation of Amaravathi River Basin, Karur District, Tamilnadu	23,00,000	CSIR,	Ongoing

61	Dr.S.Umamaheswari , Department of Bio-Technology	Biocontrol of Bacterial Blight Spot in Tomato caused by Xanthomonas Vesicatori using Bacteriophages,	50,000	MSU	Ongoing
62	Dr. D. Ganesh Department of Bio-Technology	Collection, Conservation and Molecular Characterization of Wild and Hybrid Derivatives of Amla (phyllanthus emblica) Germplasm in Tirunelveli, Tamilnadu	8,60,800	UGC	Completed
63	Dr.R.Jaya chandran Department of Hindi	Production of Documentary Film on Kudankulam Base Line Survey	16.19 Lakhs	BRNS - DAE	Ongoing
64	Dr.A.G. Murugesan, Sri Paramakalyani Centre for Environmental Science	Microbial Production of Bioplastic (Poly β -Hydroxy Butyrate) using Aquatic Weed,Water Hyacinth as a Substrate)	1,90,000	TNSCST	Completed
65	Dr.A.G. Murugesan, Sri Paramakalyani Centre for Environmental Science	Biological Removal of Heavy Metals from Aqueous Solution by Phytoremediation employing Aquatic Weeds	8,07,000	UGC	Completed
66	Dr.A.G. Murugesan, Sri Paramakalyani Centre for Environmental Science	Preservation of Jelly and Sauce employing Microtron Irradiation Technology and Toxicity Evaluation	17,72,650	DAE-BRNS	Completed
67	Dr.A.G. Murugesan, Sri Paramakalyani Centre for Environmental Science	Integrated Biological Control of the Nuisance Aquatic Weed Water Hyacinth in a Selected Area of Chittar for Sustainable Irrigation Management and Conservation of Water Resources.	9,97,000	NABA RD	Completed
68	Dr.G.Annadurai Sri Paramakalyani Centre for	Nano-porous adsorbent produced from fruits peel waste by using decolorization studies.	5,62,300	UGC	Completed

	Environmental Science				
69	Dr.G.Annadurai Sri Paramakalyani Centre for Environmental Science	Development, Characterization and utilization of a porous adsorbent from Pomelo fruits peel by using decolorization studies	75,000	M.S.Univ iversity	Completed
70	Dr.G.Annadurai Sri Paramakalyani Centre for Environmental Science	Development of Macroporous Chitosan Biofunctionalized membrane and its Application for Reversible Enzyme Immobilization	10,65,000	DST	Completed
71	Dr.G.Annadurai Sri Paramakalyani Centre for Environmental Science	Biosynthesis of nanoparticle by using response surface methodology and evaluation of its bactericidal activity	8,000	TNSC ST	Completed
72	Dr.G.Annadurai Sri Paramakalyani Centre for Environmental Science	A Novel biofabrication of nanoparticles using microbes and its potential effect against microorganisms isolated from contaminated	6,000	TNSC ST	Completed
73	Dr.G.Annadurai Sri Paramakalyani Centre for Environmental Science	Bio-engineering of nano particles using sulphur reducing bacteria isolated from rhizome soil of mangrove	6,000	TNSC ST	Completed
74	Dr.G.Annadurai Sri Paramakalyani Centre for Environmental Science	Preparation and Characterization of Silica coated Magnetic nanoparticles for rapid capture and detection of food borne pathogen	6,000	TNSC ST	Completed
75	Dr.S.Senthil-Nathan Sri Paramakalyani Centre for Environmental Science	Effect of elevated Co2 on biology and nutritional ecology of the rice leaf folder cnaphalocrocis medinails Guenee (Lepidoptera: Pyralidae) and its natural enemies, Pl.	10,76,000	UGC	Completed
76	Dr.S.Senthil-Nathan	Molecular characterization through	23,67,000	Dept. of Bio-Tech	Completed

	Sri Paramakalyani Centre for Environmental Science	RAPD-PCR technique of wide range of entomopathogenic fungal against the rice leaf folder complex with rice defense enzyme assay: Implication for integrated management of leaf folder population through novel Biotechnology technique PI.		nology	
77	Dr.S.Senthil-Nathan Sri Paramakalyani Centre for Environmental Science	Development of Environmental friendly biocontrol technology for the rice leaf folder by the induced defense of biotic and abiotic means in vivo with reference to high production of Jasmonic Acid.	25,90,000	Dept. of Bio-Technology	Completed
78	Dr.S.Senthil-Nathan Sri Paramakalyani Centre for Environmental Science	Effect of enriched CO ₂ and O ₃ on insect – Plant interactions. A field experiment and green house analysis of CO ₂ and O ₃ mediated changes on plant chemistry in specialist herbivore performance.	27,09,000	CSIR	Completed
79	Dr.S. Soranam Sri Paramakalyani Centre for Environmental Science	Genetic Diversity as indicator of freshwater ecosystem condition and sustainability-assessment of stream condition using Cypriniforms in KMTR, Southern Western Ghats.	29,000	UGC	Completed
80	Dr.M. Muralidharan Sri Paramakalyani Centre for Environmental Science	Investigation of the impact of invasive and alien fishes on native fish diversity in the river systems of Southern Western Ghats.	7,40,000	UGC	Completed

9 a) Funds Generated

Sl. No.	Name of the Research Project, the Principal Investigator	Duration	Total value of the Project	Grant Received so far
1	UGC Project on "Veiled Heroes of Tirunelveli District: a study an Organized Indian National Movement 1820-1947" (PI: Dr. B. Maria John, Professor and Head, Dept. of History.	2011-2013	Rs.4,61,200/-	Rs.2,65,200/-
2	DST Project entitled "Fabrication of Titanic Annotates Arrays with Polyoxometalates and their Photo Electrochemical Hydrogen Generation Properties"	2011-2014	Rs.31,35,960/-	Rs.21,78,000
3	UGC Project, 'Studies on the Synthesis, DNA Building, and Anticancer Activity of some 12-Thiasteroids and Steroidal Analogues" (PI: Dr.S.Kumaresan, Professor, Department of Chemistry	2011-2014	Rs.10,59,300/-	Rs.7,37,800
4	BRNS Project on "Preservation by Electron Beam and Nutritional Quality Assessment of Indian Goosberry – <i>Emblica officinalis</i> (Amla)" (PI; Dr.A.G.Murugesan, Professor, Sri Paramakalyani Centre for Environmental Science	2010-2012	Rs.15,72,600	Rs.11,12,900

5	BRNS project on 'Assessment of Terrestrial Flora and Fauna in 30 km Radius of Kudankulam Nuclear Power Project Area" (PI: Dr.A.G.Murugesan, Professor, Sri Paramakalyani Centre for Environmental Science	2010-2012	Rs.28,36,950/-	Rs.36,00,600
6	DBT project on "Silencing of Gene Expression to Study the Regeneration" (PI: Dr. S.Sudhakar, Reader & Head, Department of Biotechnology, Alwarkurichi	2010-2013	Rs.34,49,000	Rs.27,17,900
7	UGC Project entitled, "Investigation of the impact of invasive and alien fishes on native fish diversity in the river systems of southern Western Ghats" (PI: Dr.M.Muralidharan, Assistant Professor, Sri Paramakalyani Centre for Environmental Sciences	2011-2013	Rs.7,38,300	Rs.4,36,800/-
8	UGC Project entitled, "Genetic Diversity as Indicator of Freshwater Ecosystem Condition and sustainability-assessment of stream condition using Cypriniform fishes in Kalakad Mundanthurai Tiger Reserve, southern Western Ghats" (PI: Dr.R.Soranam, Assistant Professor, Sri Paramakalyani Centre for Environmental Sciences, Alwarkurichi.	2011-2013	Rs.2,92,000/-	Rs.2,75,000/-
9	DST-FIST Programme, Sri Paramakalyani Centre for Environmental Sciences, Alwarkurichi.	2011-2012	Rs.21,00,000/-	Rs.21,00,000/-

10	Sri Paramakalyani Centre for Environmental Science – Promoting - as Centre of Excellence in Environmental Sciences – One Crore Project sanctioned by Government of Tamil nadu, under XI Plan	2010-2011	Rs.1,00,00,000/-	Rs.1,00,00,000/-
11	MECON Consultancy Project, Bangalore (PI:Dr.A.Palavesam, Professor & Head, Centre for Marine Science and Technology	2011-2012	Rs.3,40,000	Rs.2,72,000
12	DRDO-CARS Project on 'Inspection and Characterization of Fouling organisms/metabolites, collection and screening of antifouling potential of bioactive compounds from marine invertebrates' (PI: Dr.A.Palavesam, Professor, Centre for Marine Science & Technology,	2012-2014	Rs.19,95,075	Rs.11,00,000
13	DST Project on “Impacts of Beach Placer Mining on the Coastal Aquifers of Southern Tamil Nadu Coast” (PI: Dr. N.Chandrasekar, Professor & Head, Centre for Geo-Technology	2010-2013	Rs.29,64,920/-	Rs.28,49,000
14	UGC Project entitled “Exploration and Evaluation of Alluvial Placer Deposits in the Cauvery drainages around Musiri Taluk, Tamil Nadu”. (PI: Dr. N.Chandrasekar, Professor & Head, Centre for Geo-Technology	2011-2014	Rs.9,26,800/-	Rs.5,57,800

15	UGC Project entitled “ Impact of SHG-Bank Linkage model on Employment generation, Poverty Alleviation and Empowerment of Rural Poor in Krishnagiri during 2001 to 2010 An Economic Analysis” (PI: Dr.C.Thilakam, Professor & Head, Department of Commerce	2011-2013	Rs.4,82,000/-	Rs.2,87,000/-
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9 b) Ongoing Projects: (Funds Generated)

S.No	Title of the Project	Name of the Funding Agency	Sanctioned Amount	Received Amount
1	CICT Project on “Canka Illakkiya Urai Aciriyankal Unarttum Ilakkanak Kurippukal –Tokkuppum ayuvu” by Dr.S.Alagesan, Professor and Head, Department of Tamil.	CICT	2,50,000	1,25,000
2	One Time Grant to Dr.K. Senthamarai Kannan, Professor, Department of Statistics for Augmenting Research Facilities to Further Research	UGC	7,00,000	7,00,000
3	“Bayesian Reliability Sampling Plans for Some Life Time Distribution” by Dr.A.Loganathan, Professor, Department of Statistics.	UGC	6,28,300	3,96,800
4	“Statistical Modeling on Production and Productivity of Major Crops” by Dr.A.Rajarathinam, Professor and Head, Department of Statistics.	UGC	5,62,800	3,68,800
5	UGC Project on “Some Contribution to Statistical quality control in Public Health and Epidemiology” by Dr.R. Sasikumar, Assistant Professor, Department of Statistics.	UGC	5,61,800	3,45,300
6	“Fuzzy stochastic models for socio-economic status of socially downtrodden people in the Southern Districts of Tamil Nadu” by Dr.P.Arumugam, Reader, Department of Statistics.	UGC	5,87,800	3,58,800

7	DST Project on “Reconstruction of graphs and N-reconstruction of digraphs” by Dr.S.Monikandan, Assistant Professor, Department of Mathematics.	DST	8,99,280	3,00,000
8	Domination in Graphs from Algebraic Structures” (PI: Dr.T.Tamizh Chelvam, Professor and Head, Department of Mathematics).	UGC	10,22,663	10,14,226
9	“Photo introduced properties and impedance analysis of Ge-Chalcogenide thin films towards optical/resistive switching applications “by Dr.P.Pathinettam Padiyan, Professor, Department of Physics.	UGC	9,27,800	7,38,800
10.	“Development of magneto electric laminated composites for magnetic field sensor and microwave devices” (PI: Dr.B.Sundarakannan, Associate Professor, Department of Physics.	UGC	10,27,300	8,08,300
11	“Investigations on shape –phase transitions and shape evolution in rapidly rotating nuclei” (PI: Dr.T.R.Rajeseakaran, Professor, Department of Physics	UGC	8,31,800	7,60,120
12	“Development of Lead-free piezoelectric ceramic” by Dr.B.Sundarakannan, Associate Professor, Department of Physics.	CSIR	8,14,000 (1 st Installment)	8,14,000
13	“Development of analyze – specific multi component chemical sensors based on conducting polyaniline composites” by Dr.E.Subramanian, Professor, Department of Chemistry.	DST	13,41,200	11,20,000
14	DST-SERC Project on “Excited state dynamics of ruthenium (II) polypyridyl complexes in nanomicellar cavities tuning the light harvesting centers...., ”by Dr.K.Swarnalatha, Assistant Professor, Department of Chemistry.	DST-SERC	13,68,000	6,96,000
15	“Integrated Biological Control of the nuisance aquatic weed water hyacinth in a selected area of River Chittar for sustainable irrigation management and conservation of water resources” (PI: Dr.A.G.Murugesan, Professor, Sri Paramakalyani Centre for Environmental Sciences)	NABARD	9.97,000	4,23,000
16	“Development of environmental – friendly biocontrol technology for the rice leaf folder by the induced defense of biotic and a biotic means In vivo with	DBT	21,23,000	12,89,000

	reference to high production of Jasmonic acid” by Dr.S.Senthil Nathan, Assistant Professor, Sri Paramakalyani Centre for Environmental Sciences)			
17	“Assessing Genetic Diversity, Propagation and Restoration of Elaeocarpus Blaslcoi and Kingiodendron Pinnatum - Ret species from Southern Western Ghats through Biotechnological interventions” by Dr.P.Ravichandran, Associate Professor, Sri Paramakalyani Centre for Environmental Sciences)	DBT	58,68,000	39,66,000
18	“Impact of climate change in diversity pattern of earthworms confined to Kalakad Mundandurai tiger reserve of Western Ghats, South India” (PI: Dr.S.Umamaheswari, Assistant Professor, Sri Paramakalyani Centre for Environmental Sciences)	UGC	8,94,300	5,75,300
19	CSIR Project on “Effect of Enriched Co2 and o3 On Insect-Plant Interactions: A Field Experiment and Green House Analysis of Co2 and o3 Mediated Changes on Plant Chemistry in Specialist Herbivore Performance” (PI: Dr.S. Senthil Nathan, Assistant Professor, Sri Paramakalyani Centre for Environmental Sciences)	CSIR	14,59,333	14,59,333
20	“Studies on Immnostimulatory activity of brown seaweeds in Shrimp Penaeus monodon” (PI:Dr.G.Immanuel, Assistant Professor, Centre for Marine Science and Technology).	DBT	23,88,200	13,82,800
21	“A Comparative study on therapeutic efficacy of seaweed and terrestrial plant extracts in shrimp penaeus monodon culture system” (PI: Dr.G. Immanuel, Assistant Professor, Centre for Marine Science and Technology).	UGC	8,82,800	5,93,800
22	“Isolation and Characterization of bioactive compounds from the marine bacteria associated with the moll uses of Kanyakumari Coast” (PI: Dr.S. Mary Josephine Punitha, Assistant Professor, Centre for Marine Science and Technology)	UGC	8,31,800	5,87,800
23	BPR & D Project on “Measuring of Incidence of Crime Victimization & cost of Crime: An Exploratory Analysis in Tamil Nadu” by Dr.P. Madhava Soma	BPR&D	4,48,350	1,49,450

	Sundaram, Associate Professor and Head, Department of Criminology & Criminal Justice.			
24	“Health impact of Tamirabarani River Water Pollution – An Economic valuation” (PI: Dr.J. Sacrates, Department of Economics.	UGC	4,71,200	2,75,200
25	“Bringing Awareness on Basic Science, Basic Science Course and its Prospects among the Parents of Prospective Tertiary level students” (PI:Dr.B.Willam Dharma Raja, Assistant Professor, Department of Education.	UGC	4,12,000	3,12,000
26	“Influence of Cognitive Self-Management and Emotional intelligence on Teaching Competency of B.Ed. Students in distance education” (PI: Dr.C.Ramesh, Department of Education.	UGC	1,00,000	60,000
27	“ Influence of Emotional Intelligence and Thinking Styles on Decision Making among B.Ed. Distance Education Students” (PI: Dr.H.Deepa, Assistant Professor, Department of Education’s (DD & CE – B.ED)	UGC	1,50,000	1,05,000

10. Patents Generated, if any:

Name	Details
Dr.G.Annaduari	Paulkumar, K. Arunachalam, R. and Annadurai, G.2011, ‘Bacillus sp. Strain 16S rRNA gene, partial sequence’, GenBank (NCBI-USA) – Accession No. HQ876460.
	Shalinimol, C.R., Arunchalam, R. and Annadurai, G. 2011. ‘Serratia marcescens MTCC-10774 16S rRNA gene, partial sequence’, GenBank (NCBI-USA) - Accession No.JF310706.
	Paulkumar, K. Arunachalam, R., Gnana Jobitha, G., Vanaja, M., Rajeshkumar, S. and Annduari, G. 2011. Bacillus flexua KRG 16S rRNA gene, partial sequence’, GenBank (NCBI-USA) – Accession No. JF831121.

11. New Collaborative Research Programmes and Network Projects

- Studies on the Syntheses, DNA Binding, and Anticancer Activity of some 12- Thiasteroids and Steroidal – UGC- Rs.10 Lakhs by Department of Bio-Technology. (Collaborator: Department of Bio-Technology and Department of Chemistry)
- Co- Investigator in a Project entitled “Improving livelihood of scheduled caste population of Kanyakumari District by production and application of biofertilizer (Azolla) and Organic manure (Vermicompost)” funded by DST for the period 2010-2011.
- Centre for Social Exclusion and Inclusive Policy collaborated with University of Bath, UK.
- Prof. Detlef Briesen of Giessen University, Germany has come forward to link Centre for Social Exclusion and Inclusive Policy with the department of History, University of Giessen, Germany .

Dr. K. Veluraja, Professor , Department of Physics Collaborated with computational Biology Research Centre, National Institute of Advance industrial science and Technologies (AIST), Tokyo, Japan .

- Department of Psychology Collaborated with Department of Education under the Scheme of Cognitive Science Initiative with financial support from Department of Science and Technology , New Delhi.
- Department of Chemistry obtained financial support from DST, New Delhi for an Inter-disciplinary project involving both Department of Physics and Chemistry.

A Collaborative research Project of DST (India) and NSC (Taiwan) Development of Macroporous Chitosan Biofunctionalized membrane and its Application For Reversible Enzyme Immobilization. **(PI: Dr.G.Annadurai, Duration of the Project: April 2011 to March 2014. Total Value of the Project: Rs.10, 65,600**

- The Impact of natural Disasters and humanitarian aid on the livelihoods of older people in poor communities (funding from AXA).

12. Research Grants Received from Various Agencies and Consultative Programmes

S.No	Name of the Department	Purpose of Grant	Funding Agency	Grant Received
1	History	National Seminar on Socio and Religious Movements in Tamilnadu (March 28-30,2010)	ICHR	Rs.1,00,000
2	History	International workshop on Expanding Horizons of History:Challenges, Relevance and Methods in Indian History (February 28 March 5,2011)	ICHR	Rs.1,00,000
3	Statistics	Augmenting of research facilities to further research work	UGC	Rs. 7,00,000
4	Statistics	Ten Research Fellowships	UGC	Rs.18,00,000
5	Psychology	Minor Project	UGC	Rs. 1,20,000
6	Psychology	Certificate Course	UGC	Rs.10,00,000
7	Mathematics	NBHM – Library Grant	Department of Atomic Energy	Rs. 3,30,000
8	Mathematics	SAP	UGC	Rs.3.45,000
9	Sociology	SAP-DRS- I	UGC	Rs.34,00,00
10	Centre for Social Exclusion and Inclusive Policy	MRP Projects		Rs.5,00,000
11	Centre for Social Exclusion and Inclusive Policy	Slum Survey project		Rs.1,00,000
12	Management Studies	Development Assistance for Upgradation of Existing and New Management Department		Rs.20,00,000

13. (a.) Details of Research Scholars

University Departments	Full-Time	Part-Time	Total
Men			
Arts	09	24	33
Science	--	09	09
Women			
Arts	06	33	39
Science	05	19	24
COLLEGES			
Men Arts	10	153	163
Science	08	137	145
Women Arts	28	232	260
Science	20	179	199
TOTAL	86	786	872

13. (b) Inter – Disciplinary Courses:

University Departments	Full-Time	Part-Time	Total
Men			
Arts	-	01	01
Science	01	-	01
Women			
Arts	04	02	06
Science	02	03	05
COLLEGES			
Men Arts	-	03	03
Science	-	11	11
Women Arts	-	03	03
Science	-	10	10
TOTAL	07	33	40

**13. (C). Details of Research Scholars in University Departments
(Disciplinewise)**

S.No	Subject	Full Time	Part Time
1	Tamil	5	1
2	English	2	3
3	History	14	1
4	Sociology	1	2
5	Computer Science and Engineering	1	5
6	Statistics	1	---
7	Mathematics	4	3
8	Physics	5	4
9	Chemistry	4	1
10	Marine Biotechnology	2	---
11	Geophysics	---	1
12	Management Studies	4	---
13	Criminology & Criminal Justice	---	1
14	Economics	5	2
15	Commerce	1	5
16	Education	2	11
17	Biotechnology	15	1
18	Environmental Biotechnology	2	---
19	Microbiology	4	1
20	Pharmaceutical Chemistry	1	---
21	Library & Information Science	2	4
	Total	75	46

13.(d) . Details of Ph.D., Degree Awarded

S.No	Discipline	No. of Ph.D Awarded
1	Tamil	27
2	English	09
3	History	15
4	Sociology	01
5	Communication System – Computer Science & Engineering	01
6	Computer Science & Engineering	01

7	Instrumentation & Control Science – Computer Science & Engineering	01
8	Mechanical Engineering	02
9	Statistics	01
10	Mathematics	05
11	Mathematics – Statistics	01
12	Physics	08
13	Physics – Geology	01
14	Chemistry	01
15	Environmental Science	01
16	Bioengineering Technology – Environmental Science	01
17	Applied Microbiology – Environmental Science	01
18	Environmental Science – Marine Biology	01
19	Zoology- Environmental Science	01
20	Zoology – Marine Biology	01
21	Immunology & Microbiology – Environmental Science	01
22	Public Health Engineering – Environmental Science	01
23	Business Administration	01
24	Business Administration – Commerce	01
25	Economics	09
26	Commerce	12
27	Commerce – Economics	01
28	Education	07
29	Marine Biotechnology	01
30	Physical Education	04
31	Pharmaceutical Chemistry – Zoology	01
32	Botany	04
33	Zoology	08
34	Microbiology	02
35	Microbiology – Zoology	03
36	Microbiology – Environmental Science	01
37	Biochemistry – Zoology	01
38	Zoology – Bio chemistry	01
39	Forensic Science	01
40	Computer & Information Technology	02
41	Folklore	01
Total		138

14. Citation index and impact Factor of publications and H Index of Faculty Members

S.No	Faculty Member	Department	Citation Index/No. of citations	Impact Factor	H Index
1	Dr.T.Tamizh Chelvam	Mathematics	221		6
2	Dr.S. Somasundaram	Mathematics	320		10
3	Dr.J.Paulraj Joseph	Mathematics	165		7
4	Dr. R. Kala	Mathematics	109		6
5	Dr.K. Selvakumar	Mathematics	4		1
6	Dr.S. Monikandan	Mathematics	12		2
7	Dr.V. Sankar Raj	Mathematics	114		3
8	Dr. D. Pathinettam Padiyan	Physics	2	1.056 – 1.929	8
9	Dr. K. Veluraja	Physics	3	4.93	11
10	Dr. T.R. Rajasekaran	Physics	-	3.43	5
11	Dr. B. Sundarakannan	Physics	-	-	8
12	Dr.C. Kannan	Chemistry	115	7.171	6
13	Prof. N. Chandrasekar	Centre for Geo-Technology	35	28.525	7
14	Dr.Y.Srinivas	Centre for Geo-Technology	21	8.718	3
15	Dr. N. Krishnan	Centre for Information Technology and Engineering	160		7
16	Dr.A.G.Murugesan	Sri Paramakalyani Centre for Environmental Sciences			13
17	Dr.G.Annadurai	Sri Paramakalyani Centre for Environmental			22

		Sciences			
18	Dr.S.Senthil Nathan	Sri Paramakalyani Centre for Environmental Sciences			20
19	Dr.R. Soranam	Sri Paramakalyani Centre for Environmental Sciences			3
20	Dr.M. Muralidharan	Sri Paramakalyani Centre for Environmental Sciences			4

Department of Education

Dr. B. William Dharma Raja Published an article in “Disability & Society”–
Impact factor – 0.762

Integrating people with disabilities : their right-our responsibility	Disability And Society (UK) – (Impact Factor: 0.762)	Aug 2010, Vol.25(5): 627-630	Inter- national ISSN 0973 - 2217
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15. Honors/Award to the faculty

S.No	Name of the Faculty & Department	Award/Achievement/Recognition
1.	Dr.A.Bhawaani, Department of Hindi	Kerala Sahitya Academi – Excellency for Teaching & Education
2.	Dr.R. Jayachandran Department of Hindi	Kerala Sahitya Academi – Best Book

3.	Dr. B. Maria John, Department of History	Sectional president in the Political Section XXX South Indian History Congress Annual Session held at kannur, Kerala on 6 th -8 th February 2010.
4.	Dr. B. Maria John, Department of History	Best Service Award by Indian Red Cross Society, Tirunelveli
5	Dr. Beulah Shekhar Department of Criminology and Criminal Justice	Indo Hungarian Fellowship
6	Dr.T. Tamizh Chelvam Professor and Head	ICM – Session chair , ICM 2010 Hyderabad, August 19-27,2010
		Tamilnadu Scientist Award (TANSA)
		Life Time Achievement Award
7	Dr. S. Somasundaram Professor	Tamilnadu Scientist Award (TANSA)
8	Dr. J. Paulraj Joseph Associate Professor	Academic Excellence Award by Manonmaniam Sundaranar University
9	Dr. G. Stephen Department of Tamil	Faculty Excellence Award
		Literature Award
10	Dr. T.R. Rajasekaran Department of Physics	Academic Excellence Award by Manonmaniam Sundaranar University
11	Dr.B. William Dharma Raja Department of Education	Academic Excellence Award by Manonmaniam Sundaranar University
12	Dr.B. William Dharma Raja Department of Education	Best Faculty Award by Nehru Group of Institutions, Coimbatore
13	Dr.M.Kanmani Department of Education	Best Paper Presentation Award
14	Dr. B. Rajasekaran Department of Management Studies	Chairman, Editorial Advisory Board, INDIAN JOURNAL OF APPLIED RESEARCH, Ahmadabad
15	Dr. N. Rajalingam Department of Management Studies	Chairperson: - Second International conference on Globalization and consumer protection – Challenges & Strategies
16	Dr.D. Murugan Department of Computer Science and Engineering	MoU with University of Malaysia, New Jercoy.

17	Dr. S. Gopalakrishnan, Senior Professor & Head, Department of Pharmaceutical Chemistry	<ul style="list-style-type: none"> ▶ “The Best Citizens of India Award” from International Publishing House, New Delhi. ▶ “2010 Gold Metal India” from American Biographical Institute, USA.
18	Dr.P. Kannappan Professor cum Director Centre for Social Exclusion and Inclusive Policy	Received Academic Excellence Award Manonmaniam Sundaranar University, Tirunelveli
19	Dr.G. Karunanithi Professor Department of Sociology	Hungarian National Scholarship for Collaborative Research Program
20	Dr. M. Ramakrishnan Department of Sociology	<ul style="list-style-type: none"> ▶ Delivered Keynote Address for Sociology Panel in Tamilnadu Science Congress, Periyar University, Salem. ▶ Appointed by the Governor of Kerala as his Nominee for the Selection Committee in Sociology at University of Kerala, Trivandrum
21	Dr.K. Senthamarai Kannan Department of Statistics	▶ Awarded with a grant of Rs.7.00 lakhs for augmenting of research facilities to further research work by University Grants Commission as One Time Grant to the faculty members in science departments who continuously do active service.
22	Centre for Geo-Technology	Scopus – SciVerse Science Direct Top 25 hottest articles (April to June 2011) published in Agricultural and Biological Sciences, Estuarine Coastal and Shelf Sciences. http://top25.sciencedirect.com/subject/agricultural-and-biological-sciences/1/journal/estuarine-coastal-and-shelf-science/02727714/archive/33
23	Centre for Geo-Technology	Taylor & Francis – Number one most read articles in Top20 (24 th February 2007 to 29 th June 2011) published in Marine Geo-resources and Geotechnology http://www.tandfonline.com/doi/abs/10.1080/1064119X.2010.514244 .
24	Dr.N.Chandrasekar	<ul style="list-style-type: none"> ▶ Nominated as member in the Committee in The Reconstitution of Project Evaluation Group Under State Science & Technology Programme (SSTP), Technology Development & Transfer Division, Department of Science and Technology, New Delhi – July 2010. ▶ Vice-Chancellor’s Nominee for Selection of Assistant Professor Under UGC XI Plan. In

		the Department Environmental Remote Sensing And Cartography, Madurai Kamaraj University. At Madurai On 9 th July 2010. ► Chairman, Technical Session on Costal Aquifer Environment – Brain Storming Session On Sea Water intrusion in Coastal Areas under WAR FOR WATER programme of DST held at Andhra University from 27-29 August, 2010.
25	Dr. A.G.Murugesan	Shri. P.K. Das Best Faculty and Life Time Achievement Award – 2011 by Nehru Group of Institutions.
26	Dr.S.Senthil – Nathan	Young Scientist award under Fast Track- DST, Govt. of India, 2010. Young Scientist award under RGYI-DBT, Govt. of India, 2010.
27	Dr.D. Shunmuganathan	Academic Excellence Award from the University.

16. Internal Resources Generated and Facilities Created

No	Particulars	Budget Estimate (in Rs.)	Grand Total (in Rs.)
INCOME FROM LAND, BUILDING & OTHER PROPERTIES			
1	Bank Building	1,00,000	94,163
2	Canteen	90,000	61,920
3	Xerox (Room Rent)	7,000	8,190
4	Meeting Hall / Heli Pad	30,000	5,000
6	Sale of Vehicle	1,30,000	1,28,779
7	Coconut lease CMST	6,000	7,200
Publication:			
1	Sale of Text Books	3,50,000	2,42,166
2	Sale of Syllabus	20,000	19,788
3	Sale of Other Publication		
4	Royalty from Publishers	1,50,000	1,12,546.91
Auxiliary Charges:			
1	Electricity Charges	4,00,000	4,76,990
2	Van & Bus fare collection	3,00,000	1,84,181
3	Library overdue charges	50,000	62,407.50

4	Browsing Charges	20,000	100
5	Fuel Charges reimbursement	15,000	3,900
Miscellaneous:			
1	Sale of Applications	19,00,000	19,21,224
2	Sale of Tender Forms	2,000	25,000
3	Sale of Miscellaneous items	7,50,000	7,74,500
4	Recovery over Payment	1,50,000	3,78,964
5	FPF Contribution	-	4,957
6	Institutional Charges	-	3,22,107
7	Sale of Mango Compost/ Mushro	50,000	6,130
8	Right Information Act	1,000	2,470
9	Registration fee Two Days Workshop on Capacity building	13,00,000	17,87,520
10	Health Insurance	1,00,000	1,17,675

Department of Geo- Technology:

Sl. No	Equipment	Total Available Nos	Cost (Rs in Lakhs)
1.	Digital Seismograph 24 bits recorder with vertical component broad band sensor – Model CMG – EDU –V	9 Nos	20.20
2.	Solar Photovoltaic Hybrid power system	9 Nos	4.78
3.	Ore Microscope with camera indigenous	1. No	3.00
4.	Global Positioning System (Hand Held System	7 Nos	3.50
5.	Trimble Recon (with Softwares)	1. No.	1.15
6.	Current Velocity Meter	1. No.	2.85
7.	Computers P IV with 19 inches TFT monitor (Higher end)	1. No.	1.25
8.	Computers P IV with 17 inches TFT monitor (Higher end)	2. Nos.	80.00

9.	Computers P IV with 17 inches monitor (Higher end)	1. Nos.	60.00
10.	Computers P IV with 19 inch monitor	2. Nos.	1.20
11.	Computers P IV with 15 inches monitor	4. Nos.	1.20
12.	Computers P IV with 17 inches monitor with Inkjet printer	9 Nos	3.55
13.	HPLC Shimadzu preparatory cum analytical with Web	1 Unit	18.27
14.	Vertical Laminar Flow Bench (HEPA Filter)	1. Unit	1.57
15.	CO ₂ Incubator	1 Unit	3.66
16.	Low Temperature Freezer	1 Unit	2.93
17.	Phase Contrast Microscope With camera C-7070	1 Unit	1.92
18.	Geomedia Full module	35 Licenses	125.00
19.	Envi Software	1 License.	1.00
20.	ARC GIS	1. License	7.00

17. Details of departments getting assistance/ recognition under SAP, COSIST (ASIST)/DST- FIST and other programmes.

S.No.	University Department	Programme/Scheme	Recognizing Agency	Grant Awarded (inRs.)
I	Department of Communication	Special Assistance Programme (DRS-I)	UGC	25.17 Lakhs
ii (a)	Department of Mathematics	Special Assistance Programme (DRS-I)	UGC	20 Lakhs
ii (b)	Department of Mathematics	Centre for Excellence	Government of Tamil Nadu	250 Lakhs
ii (c)	Department of Mathematics	National Board for Higher Mathematics- Library Grant	DAE	3.30 Lakhs

iii (a)	Sri Paramakalyani Center for Environmental Studies	Centre for Excellence	Government of Tamil Nadu	100 Lakhs
iii(b)	Sri Paramakalyani Center for Environmental Studies	FIST	DST	39 Lakhs
iv	Department of Sociology	Special Assistance Programme (DRS-I)	UGC	34 Lakhs
v	Department of Management Studies	Development Assistance for Upgradation of Existing and New Management Department	UGC	20 Lakhs
vi(a)	Department of Statistics	Fund for Strengthening of Infrastructure under the Scheme of Improving Basic Scientific Research in Non-SAP Departments in Sciences, Bio-Sciences, Agricultural Sciences and Engineering Sciences	UGC	10 Lakhs
vi(b)	Department of Statistics	Special Assistance Programme (DRS-I)	UGC	36 Lakhs + One Project Fellow
vi(c)	Department of Statistics	Fund for Improving Basic Scientific Research in Universities to DRS Departments in Sciences, Bio-Sciences, Agricultural	UGC	40 Lakhs

		Sciences and Engineering Sciences		
vi(d)	Department of Statistics	UGC BSR Research Fellowships in Sciences, Bio-Sciences, Agricultural Sciences, Medical Sciences and Engineering Sciences	UGC	TEN BSR Fellowships
vii	Centre for Information Technology and Engineering as the Nodal Department and Dr.K.Senthamarai Kannan as the Course Coordinator	Financial support for conducting M.Sc.,(Statistics and Information Technology) degree course under the Innovative Programme – Teaching & Research in Interdisciplinary & Emerging Areas	UGC	43 Lakhs + TWO Assistant Professor posts
viii	Centre for Geo-Technology	FIST	DST	84 Lakhs

The Special Assistance Programme Departments:

1. Department of Mathematics
2. Department of Communication
3. Department of Statistics
4. Department of Physics
5. Department of Sociology
6. Department of Computer Science and Engineering
7. Centre for Marine Science and Technology

18. Community Services and Extension Programmes

- ▶ Training to Self Help Members on Vermi compost production, Mushroom cultivation with the aim of self-employment.
- ▶ Teachers and Students were involved in the Tirunelveli Corporation Slum Survey.
- ▶ Department is continuously organizing Quiz Programme for the students of affiliated colleges of Manonmaniam Sundaranar University.

- ▶ One day awareness program for Higher education teachers and persons with differently Abled on 1st March 2011(Dr. K. Mohanraj)
- ▶ One day awareness programme on “ Higher education system for Teachers and Differently Abled students (APHSTD –2011)” held on March 25th , 2011 (Dr. K. Mohanraj)
- ▶ Organized Street Play creating awareness on Mental Health.
- ▶ Providing Counseling services for the Juveniles Delinquents of Govt. Observation Home, Tirunelveli.
- ▶ Training and Counseling services being provided for 5000 employees of TNSTC, Tirunelveli.
- ▶ Training and Counseling services being provided for Police Trainees at Police Training Academy for Men and Women Trainees.
- ▶ Collaboration with Craft Council of India, for an extension services to the rural children of Veeravanallur.
- ▶ The Department in collaboration with NGO’s organized sensitization Programmes against child labour.

National Service Scheme:

The NSS Units of the University Departments provided opportunities to the students to involve themselves in social activities and ultimately developing their personality.

The University Departments have two male NSS units and one female NSS unit and they have adopted neighbour as follows:

NSS Unit No	Village Adopted
1 (Male)	Abishekapatti
166 (Male)	Thullukkar Kulam
167 Female)	Vallavan Kottai

The following activities are undertaken in the adopted villages.

- Pulse Polio immunization
- Motivation and development of Sports and Culture

- Child Welfare
- AIDS Awareness Programme
- Creating awareness about the welfare schemes of State Central Government
- Awareness against drugs
- Environment Awareness
- Sanitation Programme
- Eradication of Child Labour
- Rain Water Harvesting
- In view of **World Population Day**, District Health and Rural Development Department, Tirunelveli and University NSS Cell conducted Essay Writing competition on 16th July 2010. 21 NSS Volunteers participated from different Colleges.

- One day Workshop on “**Conflict Management**” was organized NSS Programme officers on December 14,2010 by NSS Cell jointly with Department of Criminology and Criminal Justice of Manonmaniam Sundaranar University at University Campus. Dr.John Chelladurai, Director, India Peace Center, Nagpur delivered a lecture on the Promotion of Human Values and Ethics. 120 NSS Programme Officers from affiliated colleges of Manonmaniam Sundaranar University actively participated in the workshop.

- State Level Youth Carnival – 2010 – “**University Level AIDS Awareness Cultural Competition**” was organized on July 29,2010 by the NSS Cell of Manonmaniam Sundaranar University jointly with Tamilnadu State AIDS Control Society, Chennai at University Campus, Abishekapatti. 960 NSS Volunteers from affiliated colleges of Manonmaniam Sundaranar University participated in the competition, V.O.C. College, Thoothukudi won the overall championship.

- Manonmaniam Sundaranar University won second and third prize in the Street Play and in the Group Dance Programme respectively in “**Illavattam – State Level Youth Carnival – 2010**” organized by Tamilnadu State AIDS Control Society from 10th to 12th August 2010 at Chennai.

- 8 NSS Volunteers from affiliated Colleges were selected to represent our university in the Pre-RD Parade Camp held during 11th to 20th October 2010 at M.A.M College of Engineering, Siruganur, Tiruchirappalli.

- Rajiv Gandhi National Institute of Youth Development, Sriperumbudur and NSS Cell of Manonmaniam Sundaranar University, Tirunelveli conducted a Workshop on **Pilot Testing of Training Manual of Youth Employability** from during December 15-19,2010 at Gramodaya Training Centre, Vittilapuramvilakku, Tirunelveli. 40 NSS Volunteers from affiliated colleges of Manonmaniam Sundaranar University actively participated in the workshop. A team of 8 trainers under the leadership of Thiru.B.R. Gowthaman, Consultant, Rajiv Gandhi National Institute of Youth Development handled the classes.

Participants were trained to gain more knowledge on Decision Making, Self Analysis, Self Confident and Personality Development. Such trained NSS are training other NSS Volunteers in the affiliated colleges.

- District Level Workshop on “**C Life Training**” for NSS & RRC Programme Officers was jointly organized by TANSACS, Chennai and NSS Cell of Manonmaniam Sundaranar University during February 10&11, 2011 in University Campus, Abishekapatti,. Thiru. Muthaiah, Regional Manager and Mr.Manikandan, Tirunelveli District RRC Manager, TANSACS and delivered lectures on the various issues of HIV/AIDS. 60 NSS and RRC Programme Officers from the affiliated colleges of Tirunelveli District participated in the workshop.

District Level Two days Workshop on “**C Life Training**” for NSS & RRC Programme Officers was jointly organized by TANSACS, Chennai and NSS Cell of Manonmaniam Sundaranar University. During 22- 23 February 2011 at S.T.Hindu College, Nagercoil Thiru.Muthaiah, Regional Manager and Mr.Mosespaul, Kanniyakumari District RRC Manager, TANSACS participated and delivered a lecture on the various issues of HIV/AIDS. 40 NSS and RRC Programme Officers from the affiliated colleges of Kanniyakumari District participated in the workshop.

District Level Two days Workshop on “**C Life Training**” for NSS & RRC Programme Officers was jointly organized by TANSACS, Chennai and NSS Cell of Manonmaniam Sundaranar University. during 7- 8 April 2011 at V.O.C. College, Thoothukudi Thiru. Muthaiah, Regional Manager and Mr. Basker Paniraj, Thoothukudi District RRC Manager, TANSACS participated and delivered a lecture on the various issues of HIV/AIDS. 45 NSS and RRC Programme Officers from the affiliated colleges of Thoothukudi District participated in the workshop.

- **Voters Awareness Rally** was organized by NSS Units of M.S.University at Palayamkottai on 24-3-2011. The Rally was inaugurated by Dr.R.T.Sabapathy Mohan, Vice-Chancellor 320 NSS volunteers participated in the rally from academic Departments of University.
- An Award giving function was held in the University Campus on April 20,2011, Dr.R.T.Sabapathy Mohan gave the awards to University Level Best NSS Programme Officers, NSS Volunteers and NSS Units of the years 2008-2009 and 2009-2010.
- **National Integration Camp** was organized during June 4-10, 2011, by NSS Regional Centre, Chennai jointly with NSS Cell of Manonmaniam Sundaranar University, Tirunelveli at Vivekananda College, Agasteeswaram, Kanyakumari. 150 students from Six States Nagaland, Karnataka, Andra Pradesh, Kerala, Puducherry, Tamilnadu participated in the Camp. Communal Harmony Rally, Seminars, Group Discussions and Cultural Programmes were organized .

- A Residential Training Camp on “**Youth Employability**” for NSS Volunteers was jointly organized by NSS Cell and Rajiv Gandhi National Institute of Youth Development, Sriperumbudur from June 20-24, 2011 at Vivekananda Kendra, Kanyakumari.

SPECIAL CAMP ACHIEVEMENTS

- Eight NSS Units of N.M. Christian College, Marthandam (Units Nos: 82, 83,135,139,188,189) constructed 8 **houses for poor Homeless people** at Viricode, Suriyacode, Kuzhasel during NSS Special Camps. These houses were opened by NSS Coordinator, Manonmaniam Sundaranar University. The value of all the eight houses was about Rs.14 lakhs.
- The NSS Units of Women’s Christian College, Nagercoil constructed a house for **Disabled person** at Nagercoil during NSS Special Camp. The house was opened by NSS Coordinator, Manonmaniam Sundaranar University on 18.8.2010. The value of all the eight houses was about Rs.1.5 lakhs.

Department of Physical Education and Sports

• Department is continuously doing extension activities to the community by organizing sports tournaments, conducting fitness camps, and sports day programmes to affiliated colleges and schools etc.,

Library Services

- **N-List:** National Library and Information Services Infrastructure for Scholarly Content (N-LIST) provides access to E-Resources to students, researchers and faculty from recognized under the 12 (B) / 2 (F) colleges can access more than 2,100 e-journals and 51,000 e-books. We are intimated to the each and every affiliated colleges, this result is now seven colleges are joined the N-List program and access e-resources on payment of annual membership fee of Rs.5,000. We are encouraging remaining colleges to the member of N-List.
- **Member of American Library :** Our University Library got membership in the American Library, Chennai. By that Research scholars, faculty members visited the American Library consulate. We can got accurate and up to date information of American government and non governmental information, constitution, Socio Economic developments, global issues, Literature contemporary life etc.
- **Memorandum of understanding (MOU) for Shodhganga:** Manonmaniam Sundaranar University has agreed to take part in the process of digitization

of old theses and dissertation and building-up of digital repository and to promote, share and host its ETD in 'shodhganga: A reservoir of Indian Theses submitted to the universities in India' and other universities in open access.

- **Subscription of ProQuest international theses and dissertation abstracts** :ProQuest Dissertations & Theses Abstract & Index . This database is the world's most comprehensive collection of dissertations and theses from around the world, spanning from 1861 to the present day. We have access to:

ProQuest Dissertations & Theses A&I: Business

ProQuest Dissertations & Theses A&I: Health & Medicine

ProQuest Dissertations & Theses A&I: History

ProQuest Dissertations & Theses A&I: Literature & Language

ProQuest Dissertations & Theses A&I: Science & Technology

ProQuest Dissertations & Theses A&I: Social Sciences

ProQuest Dissertations & Theses A&I: The Arts

Subject coverage: Multidisciplinary

19. Teachers and Officers Newly recruited

S.No	Name of the Staff & Designation	Department	Date of Joining
1	Dr.K. Murugiah	History	06.01.2011
2	Dr. S. Balasubramania Raja Reader	Communication	01.12.2010
3	Dr.P. Arumugam Reader	Statistics	08.10.2010
4	Dr.R.Sasikumar Assistant Professor	Statistics	03.11.2010
5	Dr. A. Rajarathinam Professor	Statistics	27.01.2011
6	Dr.S. Monikandan Assistant Professor	Mathematics	03.11.2010
7	Dr.B. Sundarakannan Reader	Physics	08.10.2010
8	Dr.K. Muthu Assistant Professor (UGC Scheme)	Chemistry (UGC Scheme)	13.10.2010
9	Ms.C. Divya Assistant Professor	CITE	08.10.2010
10	Mr.D. Tamilarasu Assistant Professor (UGC Scheme)	Centre for Social Exclusion and Inclusive Policy	14.10.2010

20. Teaching-Non-Teaching Staff Ratio

Number of Teaching Staff = 147

Number of Non-teaching Staff = 289

Teaching : Non-Teaching = 1:2

21. Improvements in the Library Services

- ▶ **DELNET Service:** University became a member in the Developing Library Network, which provides access to the books and journal available elsewhere. Students and research Scholars can request through the mail for research, articles and rare books. The same were made available to their use by the service.
- ▶ University Library has registered as a member in American Library, Chennai. Students and faculty members of the University can use all the resources in the American Library with 5 membership cards sanctioned to the University.
- ▶ Membership in American Library, Our students/Faculties can use the American Library resources. We registered as member in this institution. They are giving us 5 cards. With this card we can enter into the American library, Chennai.
- ▶ University Library conducted Orientation Programmes to Students and faculty members of each academic department on obtaining reference materials from various resources including e-sources through INFLIBNET.
- ▶ University Library provided Wi-Fi connection in and around the Library campus due to which 200 students can access Internet facility simultaneously.
- ▶ University Library was providing access to e-resources through Epoxy software within University campus only. University Library extended this facility to students and faculty members so as to utilize the e-resources of our University from their residence. Manonmaniam Sundaranar University is the First State University in Tamilnadu to provide this facilities.
- ▶ Manonmaniam Sundaranar University has taken part in the process of digitization of old theses and dissertations and building-up of digital repository in order to promote, share and host its ETD in 'shodhganga: A Reservoir of India Theses submitted to the Universities in India' and other universities in open access.

- ▶ University Library enhanced the usage of INFLIBNET services 25 computer systems in the library.
- ▶ University Library modernized administering the records of users of the Library and the e-journals through a software. It has to Library administration paperless maintaining the records of library visitors as well as e-journal users electronically.
- ▶ Department of Tamil has a separate library with 3000 books and 150 journals. Also the library has a good collection of back volumes and very important old rarely available journals of 1960 such as kalkuthirai, Eluthu etc. Also it has a collection of hand written manuscripts of few Eminent Tamil writers such as T.M.C. Rangunathan, Ponneelan and Thopil Mugamad Meeran.
- ▶ Department of Sociology has a separate Departmental Library. The Department Procured books published on identified thrust areas.
- ▶ Department of Statistics Library has 990 Books, 3 Dailies, One Weekly.
- ▶ Department of Mathematics has a Department Library Open accession system has been introduced to the students, research scholars studying in the affiliated colleges of Manonmaniam Sundaranar University for the accession of books and journals.
- ▶ Department of Physics purchase and installed Library Automation software in the Departmental library for the purpose of classification, coding, assigning Accession numbers, monitoring, distribution etc.
- ▶ Centre for Social Exclusion and Inclusive Policy has a separate Library with – 120 (E-Books), 105 books, 300 – Research Papers and 2 Journals.

22. New books/journals subscribed and their value

S. No	Department	Books		Journals	
		Number	Value	No.	Value
1	Mathematics	415	Rs. 2 lakhs / year	24	Rs.1 lakh + NBHM Grant
2	Statistics	91	1,00,235	-	-
3	Centre for Information Technology and Engineering	60	90,000		
4	Department of Psychology		3 lakhs	-	-
5	Centre for Social Exclusion and Inclusive Policy	56	41,980	-	-
6	Sri Parakalyani Centre for Environmental Sciences	40	1 lakhs	15	Rs. 1 lakh

7.	Management Studies	319	71,965	-	-
8.	University Library	3698	20,23,381	89	2,00,380

23. Courses in which students assessment of teachers is introduced and the action taken on student feedback

Assessment of Teachers by Students is in practice in all the University Departments. Students submit their assessment reports for each course teacher. Reports were processed applying Statistical reports. Individual teachers were informed about the feedback.

24. Feedback from stakeholders :

Feedback from the stakeholders such as parents/guardians, alumni and the employers is obtained by inviting suggestions through suggestion box, communicating with them through website and placing them as members in the Board of Studies while framing the Syllabus. Alumni of Departments who are in reputable positions are invited to give special lectures to students and to motivate them.

25. Unit cost of education

Expenditures:

1.Salary to Staff	Rs. 21,36,15,345
2. Expenditure for Conducting Examinations	Rs. 1,00,67,146
3. Common Services & General Charges	Rs. 21,02,56,692
4. Capital Expenditure for Departments &Others	Rs. 6,74,09,843
5. M.S.University Constituent College,Sathankulam	Rs. 28,48,773
Total Expenditure during 2010 -11 (including Salary)	Rs. 50,41,97,799
Total Expenditure during 2010-11 (excluding Salary) (Rs.50,41,97,799 – Rs.21,36,15,345)	Rs. 29,05,82,454
Total No. of Students	74011

Unit Cost of Education (Inclusive of Total Salary) = 50,41,97,799

= Rs. 6812.47

Unit Cost of Education (Exclusive of Total Salary) = 29,05,82,454

= Rs.3926.20

26. Computerization of administration and the process of admissions and examination results, issue of certificates

The examination system has been fully computerised with a software , specially suiting to the requirements of the affiliated colleges. The processing of results, DTP printing of Certificates/Degrees etc .,are all done without delay.

27. Increase in the infrastructural facilities

Department of Management Studies:

A Language Lab was established in the department.

University Library:

- ▶ Seating facilities are available for 90 students in the reading room.
- ▶ Fifty students can access Internet facilities at a time.
- ▶ Two hundred and Fifty small trees are planted around the University Library.

Department of Hindi

Department was equipped with the facilities like LCD and interactive board.

Department of History

Smart classrooms was established with interactive Boards, LCD Projector and Lap Top facilities.

Department of Sociology:

Smart classrooms was established with interactive Boards, LCD Projector and Lap Top facilities.

Department of Communication:

The Department of Communication improved its infrastructural facilities in view of conducting its academic programmes with upgraded technical equipments such as ONE HD Video camera, and 27 Computer Systems. List all these items in verbal form :

S.No	Details	Numbers
-------------	----------------	----------------

1.	HD Video Camera	1
2.	Laser Printer	2
3	Laptop	2
4	Interactive Board	1
5	Digital Podium	2
6	LCD Projector	1
7	UPS- 10 KVA	1
8	Computer	4
9	Imac- Computer	1
10.	RAM Upgradation – Computer	27 sys

Department of Statistics

- DST – FIST Computer Laboratory with 10 Computers with one Server, one Printer and One Scanner
- Non-SAP Computer Laboratory cum Seminar Hall with 27 Computers with two Printers, Two LCD Projectors, One Hitachi Interactive Board, Two Podiums and One LED TV Both labs are availed Six Statistical Software (SAS, SPSS, SYSTAT, S-PLUS, STATA and MATHEMATICA) with Internet facility.

Department of Management Studies:

One Computer Laboratory was established with 35 computer systems, 1 printer and 1 Server for conducting its academic C programmes with technically upgraded equipments.

Department of Criminology and Criminal Justice

PA system and Smart Board

Department of Education

- Canon Digital Copier cum Printer, Scanner with Accessories Model
- 5KV UPS.

University Library:

- Wi-Fi connection was installed in the Library campus. Which enables 200 students to access the Internet facility simultaneously.
- Two servers and 25 systems with three UPS were purchased.
- Forty-eight surveillance cameras were fitted in various places of University Library for monitoring purposes.

28. Technology upgradation

Department of Hindi

ICT oriented Language Teaching is adopted. Department was equipped with the facilities like LCD and interactive board.

Department of History

Smart classrooms was established with interactive Boards, LCD Projector and Lap Top facilities.

Department of Sociology:

Smart classrooms was established with interactive Boards, LCD Projector and Lap Top facilities.

Department of Communication:

The Department of Communication improved its infrastructural facilities in view of conducting its academic programmes with upgraded technical equipments such as ONE HD Video camera, 27 Computer Systems, Laser Printer - 2, Laptop - 2, Interactive Board -1 , Digital Podium – 2, LCD Projector - 1, UPS-10 KVA -1, Computer – 4, Imac -Computer, RAM Upgradation .

Department of Statistics:

- DST – FIST Computer Laboratory with 10 Computers with one Server, one Printer and One Scanner
- Non-SAP Computer Laboratory cum Seminar Hall with 27 Computers with two Printers, Two LCD Projectors, One Hitachi Interactive Board, Two Podiums and One LED TV Both labs are availed Six Statistical Software (SAS, SPSS, SYSTAT, S-PLUS, STATA and MATHEMATICA) with Internet facility.

Centre for Information Technology and Engineering

All Computer systems have been loaded with IDL Image Processing software.

Department of Management Studies:

One Computer Laboratory was established with 35 computer systems, 1 printer and 1 Server for conducting its academic C programmes with technically upgraded equipments.

Department of Criminology and Criminal Justice

PA system and Smart Board

Department of Education

- Canon Digital Copier cum Printer, Scanner with Accessories Model
- 5KV UPS.

Department of Bio-Technology

- New TB drug has been found and patent filed
- Efficient mouth was designed and patent filed

University Library:

- Wi-Fi connection was installed in the Library campus. Which enables 200 students to access the Internet facility simultaneously.
- Two servers and 25 systems with three UPS were purchased.
- Forty-eight surveillance cameras were fitted in various places of University Library for monitoring purposes.

29. Computer and internet access and training to teachers, non-teaching staff and students

No. of Students / Staff Benefited – 3150

Internet access was given to the teaching staff of all University Departments and an Internet centre was functioning in the University for the use of students. It benefited 3150 students and teaching staff.

Department of Tamil

Internet Connection was provided to all faculty members and two common nodes were provided for students. The Department has LCD with LED (52") Televisions for the purpose of enhancing the knowledge of students on current events.

Department of History

Every teaching staff is provided a Personal Computer and internet connections.

Department of Sociology:

All the Faculty Members have been provided with Computer and Internet facilities.

Department of Geo – Technology:

All the teachers, non-teaching staff, research scholar and students were provided the internet connection.

Department of Criminology and Criminal Justice

A Computer Laboratory has been established access for the usage of students.

Department of Economics

Training on usage of the software SPSS and other packages were given to the teachers and students.

Center for Study on Social Exclusion & Inclusive Policy

Workshop:

Workshop on Teaching and Learning of Research Methods in Humanities and Social Science on (**08-13 November 2010**) by Dr. Wim Dechering, the Netherlands. This is to train on internet access the teachers, Students and non teaching staff .

Department of Commerce:

- In addition to 12 DTP Systems already available, 3 more DTP systems and one 5 KVA UPS were installed in Department Computer Laborating.

Department of Bio-Technology

- All teaching and nonteaching staff of Department have internet access facility.
- Each class room in the department has been equipped with internet and influent facility.

Department of Psychology

Computer and Internet access being provided to students and teachers.

Centre for Information Technology and Engineering

Internet connections were provided to all Staff.

Department of Physical Education and Sports

Internet facilities were provided to the faculty and Students.

University Library:

Orientation Programmes were conducted to the students and the faculty member son downloading the e-resources from INFLIBNET and other resources.

30. Financial aid to students, Principal Investigation

UGC- Junior Research Fellowship

S. No	Name of the Scholar	Name of the Department	Date of Joining	Date of Ending
1	D. Rufus	Criminology and Criminal Justice	26.05.2006	18.7.2010
2	P. Eswaran	Computer Science & Engineering	24.04.2008	
3	Dejay	Dept of Computer Science & Engg	15.05.2008	--
4	A. Anitha	CITE	22.05.2008	11.07.2012
5	C. Chidambaranathan	Sociology	04.05.2009	03.05.2014
6	K. Sankara Narayanan	Tamil	16.07.2009	15.07.2014
7	S. Anandaraj	Education	26.04.2011	Till Date
8	T. Ranjith Kumar	Education	29.04.2011	"
9	N. Ananthaveni	Tamil Studies	26.05.2011	"
10	P. Retnamala	Chemistry	01.07.2011	"
11	J. Mohammed Khan	History	13.06.2011	"
12	S. Rajeswari	Tamil	13.06.2011	"
13	R. Sunitha	Tamil	13.06.2011	"

UGC- Junior Research Fellowship (Rajiv Gandhi)

S. No	Name of the Scholar	Name of the Department	Date of Joining	Date of Ending
1	D. Vellaiammal	History	21.02.2006	20.02.2011
2	S. Kalaiselvi	Statistics	01.04.2007	31.03.2012
3	R. Karpagajothi	History	15.09.2008	--
4	S. Ananatha Ambeth Selvi	Criminology and Criminal Justice	01.04.2008	--
5	S. Selvakumar	Statistics	01.04.2009	02.11.2012
6	S. Anbu	Tamil	13.04.2009	12.04.2014
7	C. Malarkodi	Sri Paramakalyani Centre for Environmental	21.08.2009	20.08.2014

		science		
8	C. Jeyasri Ushananthinidevi	Economics	01.04.2010	Till Date
9	S. Kavitha	Mathematics	31.08.2010	Till Date
10	V. Suresh	Management Studies	09.08.2010	21.03.2014
11	V. Anithakumari	Statistics	12.05.2011	Till Date
12	E. Sakthivel	Statistics	01.07.2011	Till Date

UGC-MANF

S. No	Name of the Scholar	Name of the Department	Date of Joining	Date of Ending
1	S. Ayesha Raihan	Economics	01.04.2009	31.03.2014
2	M. Saral	Statistics	01.04.2009	31.03.2014
3	S. Ashok Kumar	Tamil	01.04.2009	31.03.2014

UGC-RFSMS

S. No	Name of the Scholar	Name of the Department	Date of Joining	Date of Ending
1	A. Sinduja	Computer Science	21.01.2009	20.01.2014
2	B.N. Prathiba	Computer Science	12.02.2009	30.10.2012

UGC-Post Doctoral Fellowship

S. No	Name of the Scholar	Name of the Department	Date of Joining	Date of Ending
1	A. Masanam	Centre for Gandhian Studies	06.04.2009	05.04.2014

CSIR – UGC Junior Research Fellowship

S. No	Name of the Scholar	Name of the Department	Date of Joining	Date of Ending
1	M. Indrani	Dept of Chemistry	01.04.2008	--
2	C. Sathesh Prabu	"	01.04.2010	--
3	P. Esakkiraj	CMST	01.04.2010	--
4	Fermin Angelo Selvin	Dept of Physics	01.04.2010	--
5	Bala Amutha	SPKCES	01.04.2011	--

Bureau of Police Research and Development

S. No	Name of the Scholar	Name of the Department	Date of Joining	Date of Ending
1	M.D. Uthirnayagam	Dept of Criminology	25.09.2009	24.09.2013
2	R. Anil Kumar	"	20.08.2007	Till Date
3	J. Sasikumar	"	29.09.2010	"
4	A. Subbulakshmi	"	20.12.2011	"

DST-INSPIRE Fellowship

S. No	Name of the Scholar	Name of the Department	Date of Joining	Date of Ending
1	P. Malaïammal	SPKCES	01.09.2010	"
2	G. Jesslin	"	01.09.2010	"
3	T. Asir	Dept of Mathematics	01.02.2011	30.09.2012
4	A. Jawahar Farook	Dept of Statistics	01.07.2011	Till Date
5	S. Kaliraj	Dept of Geotechnology	01.07.2011	"
6	S. Suresh	Dept of Statistics	01.04.2011	31.12.2012
7	S. Sharmin Vini	CMST	01.07.2011	Till Date

ICHR

S. No	Name of the Scholar	Name of the Department	Date of Joining	Date of Ending
1	S. Karpagaselvi	Dept of History	07.08.2010	"
2	K.P. Wilson	"	29.07.2011	--

ICSSR

S. No	Name of the Scholar	Name of the Department	Date of Joining	Date of Ending
1	G. Paramasivan	Dept of Economics	09.09.2008	--
2	E. Enanalap Periyar	Dept of Criminology	07.12.2010	Till Date

31. Activities and support from the Alumni Association

- ▶ Alumni of the Department of Communication actively participated in the State Level Competition organised by the Department “Karisal Thirai Vizha 2011” during 1-3, Feb.2011.
- ▶ Alumni Associations are formed in each University Department. Meetings of the Associations are conducted periodically.

32. Activities and support from the Parent-Teacher Association

Every Department conducts Parent-Teacher meeting on the first day of the academic year.

33. Health services

The Health centre of this university has been functioning with One Doctor and one staff nurse appointed on temporary basis. Health Problems of the Students, teaching faculties and the administrative staffs of this University are attended as per Medical Ethics with administered very safety medicines. They were treated with I.V.fluids for speedy recovery and proper surgical dressings whenever they required. Record of the attending person’s names, Age, Sex, department in which they are working and their complaints and the names of the medicines are maintained in a register. Approximately 30 to 40 persons were taking treatment every day.

34. Performance in sports activities

23 teams from University participated Interuniversity sports competitions organized by AIU, New Delhi.

35. Incentives to outstanding sportspersons

Outstanding Sports Persons are admitted through Sports Quota. They are given special permissions to participate in Sports events even during examinations and separate examinations were conducted for them.

36. **Student Achievements and Awards**

Department of Hindi:

Both M.A. and M.Phil students participated in the Neo-Hindi writers Workshop organized by Central Hind Directorate, New Delhi, Bangalore and Erode.

Department of History:

Students achieved Runner place in sports. Two students passed in SET Exam.

Department of Sociology:

Students of the Department took active participation in the cultural events and won prizes and medals.

Department of Statistics:

- One of the research scholars, Mr. S. Suresh was awarded INSPIRE Senior Fellowship by the Department of Science and Technology for his Ph.D. Programme.
- One of the research scholar, Mr. A. Jawahar Farook was awarded INSPIRE Junior Fellowship by the Department of Science and Technology for his Ph.D. Programme.
- Two Research Scholars, Mr. S. Suresh and Ms. K. Shalini were awarded Senior Research Fellowships by University Grants Commission for their Ph.D. Programme.
- One Research Scholar, Ms. N. Kavitha, was awarded Junior Research Fellowship by University Grants Commission for her Ph.D. Programme
- Two Research Scholars, Ms. S. Kalaiselvi and Mr. S. Selvakumar were awarded Rajiv Gandhi National Senior Research Fellowship for their Ph.D. Programme.
- Three Research Scholars, Mr. E. Sakthivel, Ms. V. Anithakumari and Mr. K. Manoj were awarded Rajiv Gandhi National Junior Research Fellowship for their Ph.D. Programme.
- One Research Scholar, Ms. M. Saral was awarded Mowlana Azad Research Fellowship for her Ph.D. Programme.
- The students were placed in different sectors based on their qualifications. The post graduate students of Geophysics were appointed in the reputed Indomar Coastal Hydraulics, Chennai. The students were assigned to carry

out offshore geophysical investigations in India and abroad. The students earned good accreditation from their training institutes during their project work.

Department of Mathematics:

Students of the Department of mathematics Won several prizes in the Literary/ cultural events organized during the MANO DAY celebrations.

Quiz Competitions	Name of the Institution conducted Competition	2010 - 2011
	Alagappa University	Second Prize
	St.Xavier's College	Second Prize
	St. John's College	First Prize

Sri Paramakalyani Centre for Environmental Scieces

S.No	Faculty Name	Student Name	Achievements/ Award
1	Dr.A.G. Murugesan	K. Bala-Amutha	CSIR-SRF

Department of Bio-Technology

- A new disease outbreak was characterized in sheep & goat population in the Alangulam area and the causative pathogen was identified. Since it is a new pathogen, it is named as **Corynebacterium alwarkurichiae** and the strain was named as **062011MSU** and the effective antibiotics for the disease also has been found out. The pathogen is registered officially. The research work was completed by M.Phil scholar Mr. Mariappan under the guidance of Dr. S. Sudhakar.
- A Product patent on Mouthwash has been filed.
- A patent on novel TB drug has been filed.
- One of the Papers presented by the Students of the department was award. Best oral presentation award in National Seminar on Microbes and Man held at Sri Paramakayani College, Alwarkurichi.

Participation in National Level Events:

S.No	Students Name & Name of the College	Events	Date
1	V.Lakshmanan – Sri Paramakalyani College, Alwarkurichi	NSS Summer Camp Sholinganallur, Chennai	8 th to 19 th June 2010
2	T.Lokesh – Sadakathullah Appa College, Palayamkottai	Summer Camp Batch I – Patnitop (J&K)	8 th 17 th June 2010
3	A. Marimuthu - Sadakathullah Appa College, Palayamkottai	Summer Camp Batch II – Patnitop (J&K)	8 th 17 th June 2010
4	K. Sunder Rajan – M.D.T.Hindu College, Tirunelveli.	Mega Camp – New Delhi	19 th to 30 th Sep.2010
5	T.K.A. Abdul Kalam Azad - Sadakathullah Appa College, Palayamkottai	National Youth Conversion and Suvichar – Udaipur (Rajasthan)	12 th to 16 th January 2011
6	A. Arunkumar – St. Xavier's College, Palayamkottai	Winter Adventure Camp – Utterkashi (Uttarakhand)	16 th to 25 th January 2011
7	P. Sivasankar - Aditanar College of Arts and Science, Tiruchendur	Republic Day Parade Camp – New Delhi	1 st to 31 st January 2011
8	S. Aravindh - Sri Ram Nallamani Yadava College, Tenkasi	Inter State Youth Exchange and Home Stay Programme – Aizawl (Mizoram)	17 th to 26 th April 2011
9	V. Lakshmanan – Sri Paramakalyani College, Alwarkurichi	--- do---	--- do---
10	G. Frankiln Zechariah – Mano College, Govindaperi	National Integration Camp – Puducherry	23 rd to 29 th May 2011
11	P. Siluvai Franko Francis – Vivekananda College, Agasteeswaram	Mega Summer Camp –Junnar (Maharashtra)	18 th to 29 th June 2011
12	R. Allwin - Mano College, Sankarankovil	Summer Adventure Camp – Shimla	23 rd June to 2 nd July 2011

13	R.Maruthapandi- C.S.I.Jeyaraj Annapackiam College, Nallur	--- do---	--- do---
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UNIVERSITY LEVEL NSS AWARDS (2010 – 2011)

PROGRAMME OFFICERS:

S.No	Programme Officer	Unit No	Name of the College
1	Mrs.S. Mariammal	22	Sri Parasakthi College, Courtallam
2	Sis. K. Mangala Sundari	17	Sarah Tucker College, Palayamkottai
3	Mr.D.Rajendran Ravikumar	35	TDMNS College, T. Kallikulam
4	Dr.E.L.C.Thiruvaranganathan	191	Kamarajar Govt. Arts College, Surandai
5	Mr.T.Sathia Thiruvalan	192	J.P. College of Arts and Science, Ayikudi
6	Prof. K. Thangam	102	S.T.Hindu College, Nagercoil
7	Ms. T. Anitha	96	Sree Ayyappa College for Women, Chunkankadai
8	Dr.T.M.Padmanabhan	100	S.T.HinduCollege, Nagercoil

VOLUNTEERS:

S.No	Volunteers	Unit No	Name of the College
1	J. Anitha	17	SarahTuckerCollege, Palayamkottai
2	J. Jenita Merlin	17	SarahTuckerCollege, Palayamkottai
3	S. Meena	17	SarahTuckerCollege, Palayamkottai
4	P. Muthu Lakshmi	22	SriParasakthi College, Courtallam
5	A. Priya dharshini	21	SriParasakthi College, Courtallam
6	S. Petchimuthu	186	Sri KGS Arts College, Srivaikuntam
7	U. Sundar	101	S.T.HinduCollege, Nagercoil

NSS Units

S.No	Students Name	Unit No	Name of the College
1	Ms.M.R.Meera	162	Sree Ayyappa College for Women, Chunkankadai
2	Ms.S.Sofia	164	Women's Christian College, nagercoil

Department of Physical Education and Sports

S.No	Name	Year	Course	Game
1.	M. Murugan	2010-11	M.P.Ed	Cricket
2.	G. Kanagaraj	2010-11	M.P.Ed	Cricket
3.	D. Chandru	2010-11	M.Phil	Cricket
4.	G. Kanagaraj	2010-11	M.P.Ed	Kabaddi
5.	E. Murugan	2010-11	M.P.Ed	Kho-Kho
6.	R. Sivaraja	2010-11	M.P.Ed	Kho-Kho
7.	S. Kannan	2010-11	M.P.Ed	Kho-Kho

37. **Activities of the Guidance and Counseling unit** (USAB) Vinodh Off-Campus

Special coaching classes for NET and SET examinations were organized.

38. **Placement services provided to students**

- ▶ Campus Interview from Dinamalar Daily – 6 Students selected. Feb 14, 2011.
- Advertisement suitable to graduates of economics is displayed in the notice board. Interview techniques are taught in the class room.
- The department aids students in getting suitable placement by means of proper counseling and by providing them information on career opportunities.
- Students are given first and information on competitive examination.
- Conducted Campus Interview periodically through edusports, leaf start and other organization.

S.No	Name of the Course	Year	Name of the Student
1	TNPSC Batch -IV	2010-2011	M. Arulselvi

Department of Pharmaceutical Chemistry

The Department has placed the following of its students for their IV semester Project-cum Training through collaboration with leading Pharmaceutical Industries during 2010-2011.

NAME OF THE STUDENT	Name of the Industry
1. K.Suganya Jayashree 2. A.Sivaprabhu 3. M.Saravanan	Orchid Chemicals & Pharmaceuticals Ltd Orchid Towers, Chennai - 600 034,
4. S.Mageswari 5. C.Muthulaksmi	ATOZ Pharmaceuticals Private Limited, Ambattur, Chennai - 600 053,
6. M.Bharathi Sofana 7. K.Kavitha	Sai Mirra Innopharm Private Limited Adyar, Chennai 600 020,
8. S.Bakia Laksmi 9. A.Ramalaksmi 10.M.Thenmozhi	The Madras Pharmaceuticals Chennai - 600 017,
11.N.Banumathi 12.T.Vadakasi	Global Pharma Healthcare Pvt Ltd Mylapore, Chennai - 600 004.

Centre for Geo-Technology

S. No	Organisation	Possession	Year
1	Geological Survey of India	Junior Geophysist, Assistant Geophysist Senior Scientific Assistant	Every Year through UPSC
2	Mineral Exploration	Junior Geophysist Mining Geophysist	Alternate year
3	Central Water Resources	Junior Geophysist Assistant Geophysist	Every year
4	National Mineral Development Corporation	Assistant Manager (Geophysics)	Once in 3 year or 4 year
5	Coal India Limited Neyveli Lignite,	Junior Geophysist	Every year

	Corporation		
6	ONGC	Junior Geophysist Reservoir Engineer Mudrock Geologist	Every year
7	Private Oil Exploration company. Shaw walaace, Oil Field India, Zindal, Schlumberger	Junior Geophysist Reservoir Engineer Mudrock Geologist	Every year
8	Indian Meteorological Department	Geophysist	Every year
9	Inidan Institute of Geomagnetism	Scientist - B Desirable Geophysics	Every year
10	Wadia Institute of Himalayan Geology	Scientist – B Desirable Geophysics	Every year
11	AMD	Scientist – B Desirable Geophysics	Every year
12	Indian Rare Earths University	Scientist – B Desirable Geophysics	Every year
13	NGRI, NIO, RRL, Bhunawar	Scientist – B Desirable Geophysics	Every year
14	PRL, DST, ISRO, Railway	Scientist – B Desirable Geophysics	Every year
15	L and T Mining	Geophysist	Every Year
16	TATA Birla	Geophysist	Every year
17	Reliance	Geophysist	Every year

39. Development programmes for non-teaching staff :

Common development programmes are rare. Non-teaching staff are given training in using all the features of MS Office. They are permitted to pursue higher education. Some of them have completed their Doctorate Degree.

40. Good practices of the institution (Research Assistance, Research Associates)

- ▶ Students were provided opportunities to receive incentives under Earn while you learn scheme concept for anchoring Gyanvani FM Educational Radio Programmes. Every month a sum of Rs.10,500/- disbursed to students towards honorarium for anchoring Gyanvani FM Radio.
- ▶ Students was allowed to do laborating works twenty four hours for seven days a week in the Department of Biotechnology.
- ▶ Teacher and Students interacting day was organized every year.

- ▶ Students was given training to meet the challenges in their personal and social life.
- ▶ Student's Grievances of Students were addressed at the department level
- ▶ Moral and ethical values was taught.
- ▶ Cordial relationship is established between staff and students
- ▶ We prepare students to meet the challenges in their personal, familial and social life.
- ▶ Cordial and positive relationship within the students of the department and also with other department students.
- ▶ Celebration of all festivals by all students irrespective of the race, religion & caste.
- ▶ The Centre is maintaining the premises as zero plastic zone.
- ▶ Two New Colleges were started to cater to the higher education needs of people in Tirunelveli and Kanyakumari Districts:
 - (i) Mahatma Gandhi College of Arts & Science for Women
V.R.NaiduNagar,Solaiseri,ReddiapattiRoad,Sankarankovil, Tirunelveli.
 - (ii) St. Jerome's College, Ananthanadarkudy, Kanyakumari - District.

41. Linkages Developed with National / International / Academic / Research Bodies

Department of Economics – The department has established linkages with the Coastal Resource Centre, University of Rhode Island, USA. Department of Tamil

S.No	Name of the Department	Name of the Visitor / Country	Programme	Period
1.	Department of Tamil	1. Prof. R. Udhayanan Canada 2. O.K. Gunanathan Ceylon	Seminar on the novel "Marapakkam"	8.10.2010
2.	Management Studies	Prof.Kably P. Subramanian, Head of Academic section, Department of Business Studies, AL Musanna College of Technology, Sultanate of Oman	Guest Lecture on Growth through Innovating Value	13.08. 2010
3.	Statistics	Prof. G. Bala Mc Gill University, Canada	Guest Lecture Programme	15.10.2010
4.	Centre for Study of Social Exclusion &	Prof. Dr. Graham John Room, University of Bath, UK	Workshop on Participatory Curriculum	22.08.2010 to 29.08.2010

	Inclusive Policy		Development	
5.	Sri Paramakalyani Centre for Environmental Sciences	1. Board of Research in Nuclear Sciences (DAE) 2. Microtron Centre of the Mangalore University for advanced research in Food Irradiation.		

42. Action taken report on the AQAR of the Previous Year

- ▶ New courses were started in the University departments. Five year integrated M.Sc. Mathematics is started with high perspective to catch the minds when they are young.
- ▶ Four inter-disciplinary courses were started.
- ▶ Wi-Fi facility was given to the library campus. 200 students can access internet and facilities are provided around the library to sit and access internet.
- ▶ 28 colleges got membership in the N-LIST consortium.
- ▶ Department of Sociology was sanctioned financial support of 34 lakhs at the level of DRS-I by UGC for its Special Assistance Programme.
- ▶ More internet facilities were added to the Library. Seating Capacity in the Reading Room was enhanced to accommodate 90 readers, simultaneously. 250 saplings planted were around University Library.
- ▶ Students strength in Distance Education mode was increased by admissions to the new courses B.A. General, B.Sc., General (Maths, Physics and Chemistry) and B.Sc. General (Biology, Physics and Chemistry).
- ▶ Collaborative research programmes were initiated with leading research institutions. It is only in the level of resource exchange and not up to the level of student exchange.
- ▶ Process of Office Automation is in progress. It is expected to be completed by next year.

43. Any Other Relevant Information

- As per the G.O.No.80 dated.28-05-2012, the Tamil Nadu Government has upscaled Department of Mathematics of Manonmaniam Sundaranar University as a PG Centre with High Tech Laboratory at an expenditure of 2.5 crores.
- Department of Tamil has developed a Heritage Museum and it has added the following items in the report year: Burial urn with ritual pots, Stone Pillar Part with inscriptions Brama Rakshashi idol (stone), Nagaraja idol (stone), oil granting stone and more than sixty artifacts of clay, mud and wood.
- Department has brought out an edited volume on “**Social Capital and Social Resource: Concept and Reality**”.
- Department of Tamil has an extension centre at Ettayapuram, the birth place of the National Poet Bharathi with Archives to preserve the works of Bharathi and on Bharathi. Common Public as well as Scholars visit the centre. The Department conducts Seminars on Bharathi every year in this centre.
- Many Teaching faculty in the University Departments extend their service to peer-reviewed journals of international repute as Members in the Editorial Board and reviewers.
- Dr. Senthil – Nathan has been serving as Associate Editor in following Journals of international repute:
 1. Nature- Scientific reports (Nature.com)
 2. Florida Entomologist (Florida, USA)
 3. Archives of Phytopathology and Plant Protection
(Taylor & Francis, UK)
 4. Journal of Asia-pacific Entomology (Elsevier , US).

Section –C : Outcomes achieved by the end of the year

- Several new courses were started thereby increasing the student’s Strength.
- Students in the University Departments and affiliated Colleges are permitted to write Supplementary examinations if they have failed in exactly one paper at the verge of completing the course.

- Several new courses were started in the distance education mode.
- Several MOU's were signed.
- CCTV's are installed in many places.
- Wi-fi Connection is given in front of the Library and several desk top tables with Chairs are constructed.

Section -D : Details of the plans of the HEI for the next year


- To build Quarters for Higher Officials .
- To build up more infrastructural facilities by constructing more buildings.
- To have more tie-up's with industries.
- To promote all eligible staff under CAS.
- To fill up all the vacant teaching and non-teaching positions.
- To send results of individual students of University departments and affiliated Colleges through SMS as soon as the results are published.
- To implement Office automation in full sense so that paper consumption is reduced.

R. Kala
 14/9/16
 (Dr. R. KALA)
 Name and Signature

of the Director/Coordinator,

IQAC

Co-ordinator
Internal Quality Assurance Cell (IQAC)
Manonmaniam Sundaranar University
Tirunelveli - 627 012
Tamil Nadu


 14/09/16

Name and Signature

of the Chairperson

IQAC

Prof. K. BASKAR
VICE CHANCELLOR
Manonmaniam Sundaranar University
Tirunelveli - 627 012.
Tamil Nadu, India.