

ANNUAL QUALITY ASSURANCE REPORT 2012 – 2013

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 : Dr. A. K. Kumaraguru
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YEAR OF REPORT: July 2012 – June 2013

Section: A

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

- To strengthen the infrastructure facilities.
- To make the Campus eco – friendly.
- To sign MoUs with National and International organizations to launch satellite
- courses which generate employment opportunity .
- To bring in more funds through Research projects.
- To start new Departments with innovative Programmes.
- To concentrate more on research.

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 of the institution

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)

1. UGC – COP Certificate Course in Tax Procedure and Practice
2. UGC – COP Certificate Course in Rubber Technology
3. UGC – COP Certificate Course in Maintenance of Electrical and Electronic Equipments
4. UGC-COP Certificate Course in Air Ticketing and Cargo Management
5. UGC-COP Certificate Course in Computational Biology
6. UGC-COP Certificate Course in Data Structure and Computer Algorithm
7. Certificate Course in Human Rights Education
8. UGC-COP Certificate Course in Energy Science
9. UGC-COP Certificate Course in Journalism (Tamil)
10. UGC-COP Certificate Course in Computer Science
11. UGC-COP Certificate Course in Medicinal Plants
12. UGC-COP Certificate Course in Financial Management
13. UGC-COP Certificate Course in Indian Culture
14. UGC-COP Certificate Course in Economics and Statistics
15. UGC-COP Certificate Course in Industrial Analytical Chemistry
16. UGC-COP Certificate Course in Accounting
17. UGC-COP Certificate Course in Retailing (Commerce)
18. UGC- COP Certificate Course in Communicative English
19. UGC-COP Certificate Course in Journalism and Mass Communication
20. UGC-COP Certificate Course in Medical Laboratory Technician
21. Certificate Course in Mobile Phone
22. M.Com (Accounting and Finance) with PG. Diploma in Taxation Procedures and Practice
23. UGC - COP Certificate Course in Entrepreneurship (Commerce)
24. M.Sc. (Statistics with Informatics) degree course started during the academic year 2012-13 under the scheme of UGC Innovative Programme – Teaching & Research in Interdisciplinary & Emerging Areas and the course is offered collaboratively with Centre for Information Technology and Engineering, Manonmaniam Sundaranar University (Nodal

Department), and STQC, Chennai was continued and new batch students were admitted.

25. M.Sc. Nanoscience – UGC Innovative Programmes

26. PG Diploma in Immuno-technology a new course started – Innovative program.

3. Innovations in curricular design and transaction

- ▶ Changed the syllabus for M.A.(History) with the help of Curriculum Development Cell. The curriculum provides scope to expose the major shades of historiography and updating of it. In that case it includes the history of the marginalized sections through papers like Women through the Ages, Economic History, Dalit Movement, Contemporary India, History of USA, History of Europe, Dravidian movement, Environmental History of India and Global History (1600 - 1914).
- ▶ Curriculum for M.E. (CSE), M.Phil. M.C.A. is revised for the academic year 2012-2013. Job oriented Elective Subjects are introduced.
- ▶ A meeting of Board of Studies was held to revise the curriculum for M.Sc., (Statistics with Computer Applications) degree course. Revision of curriculum was made keeping in view of improving the employment opportunities to the students in India and abroad. In this respect calculator based practical papers were replaced with computer based practical papers. In addition a separate paper 'Data Analysis Using SAS' was introduced as core paper.
- ▶ A Meeting of Board of Studies was held to design curriculum for M.Sc., (Statistics and Information Technology), which is a new course launched under UGC Innovative Programme. Papers from the subjects of Statistics and Information Technology were introduced which made the course as an Inter disciplinary programme.
- ▶ In view of enriching the existing syllabus of M.Sc. Pharmaceutical Chemistry (CBCS) course, the Board of Studies was conducted in collaboration with Curriculum Development Cell (CDC) for two days on 10th and 11th May 2013 with the internal faculty members, Alumni including the foreign subject expert, Dr. Sivakumar Manickam, Professor of Chemical and Nano Pharmaceutical Process Engineering, The University of Nottingham Malaysia campus, Malaysia and the industrial expert, Dr. M. S. M. Mujeebur Rahuman, Director, Project Management – API, Dr. Reddy's Laboratories Ltd. , Hyderabad, in order to revise the syllabus for exposing and training the students to meet the present day of Industrial scenario .
- ▶ Peer tutoring is followed remedial coaching is given for the M.Ed

Students .

- ▶ Individual attention, slip tests and motivation talks are practiced for slow learners.
- ▶ Introduced Literary Anthropology and Cultural Anthropology in M.A English Programme.
- ▶ Department of Chemistry conducted a Workshop for Curriculum design for PG Chemistry.
- ▶ The Department of Communication invited subject experts Prof.Dr.Mohamed Zin Nordin from Malaysia and Dr.Sanjay Wadwalkar, Professor, School of Communication Studies, Punjab University, Chandigarh during 23-28, March 2013.
- ▶ New syllabus was framed for two year M.Sc., Mathematics and one year M.Phil programmes which came into effect from the academic year 2012-13 as per SCAA resolution dated 3.09.2012

4. Inter - disciplinary programmes started

- ▶ Supportive Courses are offered by all the University Departments for the benefit of students of other Departments.
- ▶ The Biotechnology department is offering the extra departmental courses as an inter-disciplinary programmes. Extra departmental courses are DNA finger printing and Vemini-Biotechnology papers.
- ▶ M.Sc. (Statistics with Informatics) degree course was started from the academic year 2012-13 under the scheme of UGC Innovative Programme – Teaching & Research in Interdisciplinary & Emerging Areas and the course is offered collaboratively with Centre for Information Technology and Engineering, Manonmaniam Sundaranar University (Nodal Department), and STQC, Chennai (Dr. K. Senthamarai Kannan, Professor, Department of Statistics as the Course Co-ordinator). The course curriculum consists of papers from the subjects of Statistics and Information Technology.

- ▶ As per the order of Tamilnadu Government, on 26.02.2013 Dr.A.Parasuraman Padmanaban from foreign University and Dr. Arockiasamy Arulanandu were invited to enrich the designed curriculum.

5. Examinations reforms implemented

- Field Studies, Case analysis are prescribed as criteria for evaluation under Internal Assessment.
- Peer group evaluation is introduced for students in the internal.
- Embedded tests were conducted.

6. Candidates Qualified : NET/SLET/GATE etc.

S.No	Department	Qualifying Test	Number
1	Hindi	NET	2
		SLET	2
2	English	NET	1
3	History	SLET	2
4	Bio-Technology	GATE	1
5	Commerce	NET/SLET	2
6	Chemistry	UGC-NET	3
7	CITE	TANCET	4
8	Education	SET	5
		NET	2
9	Geo-Technology	NET	1
10	Communication	NET	5

7. Initiative towards faculty development programme

- ▶ The following Visiting Fellows have interacted with Faculty Members, Research Scholars and Students of the Department of Sociology:

S.No	Topic of the Lecture	Name of the Guest / Delegate	Date
1	Education and Employment Opportunities in the United Kingdom	Mr.Kannamuthu Sithamparanathan, Lawyer & Consultant	15.02.2013

		on Immigration, London, United Kingdom	
2	Farmer's Suicide in India	Prof.Dr.Amarnath R. Das Professor, Department of Sociology, Sri Krishnadevaraya University, Anantapur, Andra Pradesh	12.03.2013
3	Status of Children: Social Work Perspective	Dr. Mrs. Linda, Sociologist, Italy Miss. Alessandra, Social Worker, Italy Miss.Stephnie, Social Worker, United Kingdom	08.04.2013
4	Aging and Health : Germany Experience	Prof. Detlef Briesen Professor of Social History Department of Contemporary History Justus- Liebig University Giessen, Germany	10.04.2013

- Teachers are encouraged to attend workshops and refresher courses from time to time. Individual research freedom was never interfered by other member.
- Two days International FDP Programme was conducted by Department of Commerce.

Department of Education:

Name of the Faculty	Programme	Date
Dr. A.Veliappan	UGC- ASC Refresher course	12.06.2013 – 12.07.2013

8. Total number of seminars/workshops conducted

S.No	Name of the Department / Faculty	Programme	Period
1	Department of English	Seminar / Workshop – 2	---
2	Department of Sociology	Seminar / Workshop : 10 Lecture Series : 4	---

3	Department of History Dr. B. Maria John	Economic History of Modern Tamil Nadu (Since Independence)	22,23 & 24 August 2012
4	Department of Chemistry	CDC workshop for PGF Chemistry course	March 21- 22,2013
5	Department of Hindi	One day National Seminar	30 th August 2013
6	Department of Economics Dr.J. Sacratees	National level three day Research workshop on “ Statistical Models employed in Social Science Research”	20-22 nd February 2013
7	Department of Education	International Conference on “ Revamping Quality in Higher Education ”	13-15 Feb 2013
		Two day Workshop on Reforms in Examination and Evaluation and Education Systems (CDC)	7-8 March 2013
8	Department of Communication	of A two day National Conference on ACT-TNP Annual Conference 2012.	14-15, December 2012
9	Department of Biotechnology Dr. S. Sudhakar	RESCB – 2013, National Level SL.NO workshop on REGENERATION & STEM CELL BIOLOGY	20 to 23 rd February 2013
10	DR.S. SUDHAKAR	CURRICULUM DEVELOPMENT CELL	26 th FEBRUARY 2013

Library:

- Number of Seminar – 1
- Number of Workshops – Eight

Department of Statistics

- ❖ UGC sponsored National Conference on Stochastic Modeling and Its Applications during September 26-28, 2012.
- ❖ Workshop on Applications of SAS Software during February 25-27, 2013.
- ❖ Workshop on Statistics and Computer Applications during March 11 & 12, 2013.

- ❖ Statistical Software Packages: Workshop for Beginners in Research during March 13-15, 2013.

Department of Chemistry

Sl. No.	Name of the Visitor / Country	Title	Period
1	Dr. S. Nagarajan Professor Department of Chemistry Annamalai University Annamalai Nagar Chennai	“Single Molecule Experiments using STM”	23.07.2012
2	Dr. Soosairaj Therese Assistant Professor Department of Chemistry & Chemical Technology 2155 University Ave Bronx, New York, USA	Bioorganic Chemistry	03.08.2012
3	Dr. P. Natarajan FNA, FASC Emeritus Professor & INSA Senior Scientist National Centre for Ultrafast Processes University of Madras CHENNAI	“Photoprocesses of Coordination Compounds and Dyes in solution and in Nanoporous Materials: Evolution from Millisecond of Femtosecond”	03.08.2012
4	Dr. S. Muthusubramanian Professor Department of Organic Chemistry School of Chemistry Madurai Kamaraj University Madurai	Abnormal Reaction in Organic Chemistry	08.08.2012
5	Dr. R. Ramesh Department of Chemistry School of Chemistry Bharathidasan University, Tiruchirappalli	Pincer Organometallic Complexes: Sensors Switches and Catalysts	10.09.2012

6	Dr. S. Sudhakar Associate Professor Dept. of Biotechnology Manonmaniam Sundaranar University, Tirunelveli	“Stem Cells”	26.09.2012
7	Prof. Dr. C. Srinivasam Emeritus Professor School of Chemistry Madurai Kamaraj University Madurai		01.02.2013
8	Prof. Dr. A. Manthiram Director, Texas Materials Institute, Director, Materials Science & Engg Program The University of Texas at Austin Austin, TX78712 USA	Materials for Clean Energy Technologies.	18.03.2013 to 22.03.2013 Renowned Professor

Department of SPKCES:

Name of the Staff	Details	Period
Dr. A.G. Murugesan	Workshop on Biological Control of Water Hyacinth and Sustainable Water Management - Tirunelveli	2012-2013

Department of Computer Science

Title of the Seminar etc.	Date	Sponsored by	Chief Guest
Entrepreneurial Opportunities in Website Development	22.3.2013	TEQIP	Mrs. Jeya priya
“Training Course in Spoken English”	20.3.2013	-	Mr. Manohar

Department of Tamil

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8.	7>8 – 09 – 2012	Nguhrpupau;	Nguh.M.F.FkuFU (J.Nt)>r.Nt.R>

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9.	19>20>21 – 12 – 2012	njhy;fhg;gpa ,yf;fzf; Nfhl;ghLfSk; gpe;jpa tsu;r;rpAk;	Nguh. r.Nt.R.> kP.fhRkhd;> R.Ntq;fluhkd;> j.Nty;kapy;> gh.n[a;fNz~;>i`r;.rpj;jpuGj;jpud;> R.muq;fehjd;> m.mwpTek;gp> ,uh.rPdpthrd;> rq;fup rPdpthrd;> nr.f];J}up> R.tpNtfyjh> rp.Rg;gpukzpagps;is> fl;lisifyhrk;> Nfh.rq;futPugj;jpud;> tP.NuZfhNjtp> fht;ah.R.rz;KfRe;juk;> Ng.khijad;> fp.n[aFkhu;> V.Mjpj;jd;> f.ehr;rpKj;J>
10.	07.02.2013	ngUk;Gytu; ,uhkhDrf; ftpuhau; fUj;juq;fk;	Kidtu; M. F. FkuFU

Department of Criminology and Criminal Justice

- **Dr. Syed Umarhathab organized a program on enriching the Curriculum of P.G. Syllabus of Criminology and Criminal Justice Science Course** held on 26th and 27th March, 2013
- **Dr. Syed Umarhathab organized a one Day workshop on “Entrepreneurial Opportunities in Private Security”,** on Thursday, the 21 March, 2013 at Si Pa Aditinar Hall, MS University.
- **Dr. Syed Umarhathab organized a one day Workshop on “Violence Against Women”** held on 30 January, 2013 at Si. Pa. Aditinar Hall, MS University Organized by Department of Criminology and Criminal Justice, **In collaboration with,** Centre for study of Social Exclusion and Inclusive Policy, Women’s Study Centre and South Asian Society of Criminology and Victimology (SASCV)
- **Dr. Syed Umarhathab was Session Chair of the Event Coordination committee** in the second International conference of the South Asian

Society of Criminology and Victimology, held at Kanyakumari, between 11-13 January, 2013.

9. Research Projects a) Ongoing; b) Completed

S.No	Title of the Project	Name of the Funding Agency	Sanctioned Amount	Received Amount
1	UGC Major Research Project on “Face recognition based driver’s alert system” by Dr. D. Murugan, Associate Professor, Department of Computer Science.(3 years)	UGC	11,27,800	7,91,300
2	UGC Major Research Project on “Structural and biological elucidation of antiproliferative bioleads from microbes of marine origin” by Dr. Krishanaveni, M.Assistant Professor, Centre for Marine Science and Technology, Rajakkamangalam. (3 Years)	UGC	8,34,000	4,99,000
3.	UGC Minor Research Project on “ Influence of Life Skills upon quality of life, Health practices & Prevention of Antisocial Behaviors among youths – An Empirical Approach” by Dr.T.Yuvaraj, Assistant Professor, Department of Psychology. (18 Months)	UGC	1,20,000	90,000
4.	UGC Major Research Project on “Graphs from Algebraic Structures” by Dr.K.Selvakumar, Assistant Professor, Department of Mathematics. (3 Years)	UGC	8,67,800	5,43,800
5.	UGC – DAE – CSR Project on “Electric field control of magnetization in FM/FE hybrid structures” by Dr.B. Sundarakannan, Reader, Department of Physics. (3 Years)	UGC-DAE-CSR	2,19,800 (I installment)	2,19,800
6.	DAE – BRNS Project on “Systematic study of super deformation and Hyper deformation of nuclei in the mass region A=40-100 by Dr.T.R. Rajasekaran, Professor, Department of Physics. (3 Years)	DAE-BRNS	17,96,250	9,08,275
7.	International Research Collaborative Project on “Shrimp Immnostimulant and	Consultancy Project	5,30,987	5,30,987

	Disease management” by Dr.G.Immanuel, Assistant Professor, CMST, Rajakkamangalm. (6 Months)			
8.	ICMR Project on “Diversity profile of salmonella specific bacteria – phages in Tamilnadu and screening potent phages to treat salmonellosis” by Dr.S.Umamaheswari, Assistant Professor, Department of Biotechnology. (3 Years)	ICMR	10,53,010 (I installment)	10,53,010

Department of English:

S.No	Title of the Scheme/ Project	Name of the Investigator	Sponsored by	Total Amount Sanctioned
1	Women in Cankam Literature	Dr.P.K.Kalyani	Central Institute of Classical Tamil	One Lakh - Completed
2	Diasporic Aesthetics	Dr.P.K.Kalyani	UGC	One Lakh - On Going
3	Narratives on Cultural Identity	Dr.S.Prabahar	MSU unassigned grant	25,000
4	Developing Communicative Competence of English of MSU area	Dr.R. Ramesh	UGC	Five Lakh – Completed
5	Psychology of suffering and recovery: A study of the works of Amy Carmichael	Dr.J.Jenitha	MSU Seed money Project	25,000

Department of Hindi:

S.No	Title of the Scheme/ Project	Name of the Investigator	Sponsored by	Total Amount Sanctioned
1	A Study of Eco-Aesthetics and Culture Depicted in the Contemporary Hindi and Malayalam Poetry	Dr.R. Jayachandran	UGC, New Delhi	8.32 Lakhs

Department of Bio-technology

SL.NO	TITLE OF THE SCHEME/PROJECT	NAME OF THE INVESTIGATOR	SPONSORED BY	TOTAL AMOUNT SANCTIONED
1	Ongoing: 04 1. DST funding for stem cell research in earthworm		DST	Rs. 20 lakhs

	<p>2. PG Diploma in Immunotechnology – UGC Innovative Program</p> <p>3. DBT funded gene silencing research in Earthworm</p> <p>4. DBT funding for metgenomics of earthworm gut microflora</p> <p>Collaborative Project: 02</p> <p>1. Studies on the Syntheses, DNA Binding-, and Anticancer Activity of Some 12- Thiasteroids and Steroidal Analogues</p> <p>2. Bioinformatics collaborative project with Professor. K. Veluraja</p>	DR.S.SUDHAKAR	<p>UGC</p> <p>DBT</p> <p>DBT</p> <p>UGC</p> <p>DBT</p>	<p>Rs.50 Lakhs</p> <p>Rs. 35 Lakhs</p> <p>Rs. 55 lakhs</p> <p>Rs.10 lakhs</p> <p>Rs.20 Lakhs</p>
2	<p>Ongoing: 3</p> <p>1. Emerging environmental challenges, Natural resource management and suitable crop selection in dyeing effluent irrigation of Amaravathi river basin, Karur District, Tamilnadu, a sustainable triangle</p> <p>2. Diversity profile of Salmonella specific bacterio phage in Tamilnadu and screening potent phages to treat Salmonellosis</p>	DR.S.UMAMAHE SWARI	<p>CSIR, NEW DELHI</p> <p>ICMR, New Delhi</p> <p>UGC, New Delhi</p>	<p>Rs. 23,00,000/-</p> <p>Rs 30 Lakh</p> <p>Rs. 8,94,300/-</p> <p>Rs.7 Lakhs.</p>

	<p>3. Impact of climate change on the diversity pattern of earthworms confined to western ghats, South India</p> <p>Collaborative: 1 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)"</p>		DST	
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Department of Commerce

Completed:

S.No	Title of the Project	Name of the Funding Agency
1.	Ten days Programme on Research Methodology and SPSS Program for Research Scholars in Social Sciences	ICSSR

Ongoing:

S.No	Title of the Project	Name of the Funding Agency
1.	Employment generation, poverty alleviation and empowerment of rural (Major Project) poor through SHG Bank Linkage Model in Krishnagiri District.	UGC

Department of Statistics

a. Ongoing:

Sl. No.	Faculty Name	Major	Minor	Amount Sanctioned	Funding Agency
1	Dr. K. Senthamarai Kannan	01	--	Rs. 34,84,000/-	DRDO
		01	--	Rs. 7,47,000/-	UGC

2	Dr. A. Loganathan	01	--	Rs. 6,28,300/-	UGC
3	Dr. A. Rajarathinam	01	--	Rs. 5,62,800/-	UGC
4	Dr. P. Arumugam	01	--	Rs. 8,37,186/-	UGC
		--	01	Rs. 40,000/-	UGC
5	Dr. R. Sasikumar	01	--	Rs. 7,62,333/-	UGC
		--	01	Rs. 40,000/-	UGC
Total		06	02	Rs. 71,01,619/-	

b. Completed:

Sl. No.	Faculty Name	Major	Minor	Amount Sanctioned	Funding Agency
1	Dr. K. Senthamarai Kannan	--	--	--	--
2	Dr. A. Loganathan	--	--	--	--
3	Dr. P. Arumugam	--	--	--	--
4	Dr. R. Sasikumar	--	--	--	--
Total		--	--	--	--

Department of Chemistry

Sl.No.	Title of the Scheme/Project	Name of the Investigator	Sponsored by	Total Amount Sanctioned
1	Development of Analyte-specific Multicomponent Chemical Sensors Based on Conducting Polyaniline Composites	E.Subramanian (PI) Dr. Pathinettam Padiyan (Co-PI) Professor of Physics	DST SERB Govt. of India completed by 31-12-2013	Rs. 13,41,200

Department of Economics:

Sl. No	Department & Faculty Name	Projects			Completed Projects	
		UGC	ICS SR	Other funding agency	Completed	Under progress
1	Department of Economics Dr. J. SACRATEES	UGC MRP Rs.4.71 lakhs	Nil	(i) State Planning Commission, Government of TamilNadu (ii) District Human Development Report,	Yet to be completed	

				Thoothukudi District, Rs.2,55,000/- State Balanced Growth Fund (SBGF), for 7 backward blocks in Thoothukudi district @ Rs.88,000/- (7X88,000=6,16,000)		Under progress
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Department of Education

Completed:

Title	Agency	Ongoing/ Completed	Period	Grant/Amount Mobilized (Rs.In lakh)
Bringing Awareness on Basic Sciences, Basic Science Courses and their Prospects among the Parents of Prospective Tertiary Level Students	UGC, NEW Delhi	Completed – January 2013	2 years (Feb.2011 – Jan.2013)	Rs. 4,12,000

Department of SPKCES:

S.No	Faculty Name / Title	Agency	Period	Amount	Grant/Amount Mobilized (Rs.in Lakh)
1	Dr.A.G.Muruagesan Biohydrogen production from sea weeds employing the natural anaerobic microflora	DRDO	2012-14	14,93,000	Completed
2	Application of Microtron Irradiation for Effective Storage of Groundnut Kernel and Quality	DAE-BRNS	2012-15	27,63,250	Completed

	Assessment (CI)				
3	Dr. G. Annadurai Non-SAP (Co-Ordinator)	UGC, New Delhi	2012-13		10,00,000

Department of History

S.No	Title of the Scheme/ Project	Name of the Investigator	Sponsored by	Total Amount Sanctioned
1	Veiled Heroes of Tirunelveli District: A Study on Organised Indian National Movement 1820-1947	Dr.B.Maria John	UGC	4,61,200

Department of Communication

a) Ongoing,

Title of the Project	Funding Agency	Grant sanctioned	Duration		Project Status completed / on-going	Project Type: Research/ Consultancy/ Action Research
			From	To		
Special Assistance Programme – DRS-I, Dept. of Communication	UGC	25.17 Lakhs	2007	2012	On going	Trust Area Research: 1. ICT & Women Empowerment. 2. Impact of ETV in Media
Production of Documentary Film on Kudankulam Base Line	BRNS-DAE	16.19 Lakhs	2006	2011	On going	Production of Documentary Films

b) Completed, C) Amount Sanctioned, d) Funding Agency

Sl. No.	Title	Principal Investigator	Funding Agency	Period	Grant Mobilized
1	Feed forward studies for FM Radios in Tamil Nadu & Kerala	Dr. P. Govindaraju	Technomedia Pvt.Ltd.,New Delhi	2006 to 2011	2 Lakhs
2	Survey of factories	Dr. P. Govindaraju	ESICI	2008 to 2008	1.25 Lakhs
3	Corporate Video	Dr. P. Govindaraju	Tuticorin Port Trust	2004	Rs.85,000/-

Department of Computer Science

Sl. No.	Title of the Scheme / Project	Name of the Investigator	Sponsored by	Total Amount Sanctioned
1	"Face Recognition based driver's alert system	Dr.D. Murugan Associate Professor Department of CSE M.S. University	UGC, F.No. 41-625/2012(SR)	Rs. 11,27,800 /-

Research Projects Completed

Sl. No.	Title of the Scheme / Project	Name of the Investigator	Sponsored by	Total Amount Sanctioned
1	Wavelet and VOI based on authentication Scheme for multidimensional medical images in mobile centric Communication using Fuzzy Clustering	Dr.R.S.RAJESH Associate Professor, Department of CSE, M.S.University.	UGC, F No. 37 – 266 / 2009 (SR)	Rs. 12.15 lakhs (Revised)

Department of Tamil

Dr. S Alagesan Central institute of classical Tamil

Total grants received : 2,50,000/-

rq;f ,yf;fpa ciu Mrhpah;fs; czh;j;Jk; ,yf;fzf; Fwpg;Gfs; : njhFg;Gk; Ma;Tk;

Department of Mathematics

Sl.No.	Name of the Faculty	Ongoing	Completed	Amount sanctioned	Funding Agency
1	Dr. T. Tamizh Chelvam	-	1	10.96 lakhs	UGC
2	Dr. S. Monikandan	1	-	8.9 lakhs	DST
3	Dr. K.Selvakumar	1(2012-13)	-	8.67 lakhs	UGC

10. Patents Generated, if any

- “Enhanced photoelectrochemical activity of $TiO_2:Bi_2S_3$ nanotube arrays fabricated using anodization of Ti foil” filed on 27.03.2013 and the application number is 1355 / CHE / 2013 – Dr. D. Pathinettam Padiyan.
- **Dr. Sudhakar, S.** and Jegathambigai, J. Composition of mouthwash with the ethanol extract of *Glycyrrhiza glabra*. Indian patent filed on January. **2012.**
- **Dr. Sudhakar, S.** and Jegathambigai, J. Novel spread spectrum anti-substance. Indian patent filed on Sept. **2012.**
- **Dr. C. Kannan** - “Process for the conversion of dye molecules into Dye gas to eradicate the dye effluent pollution” – Published in official journal of the patent office for granting patent. Issue No. 45/2012 dated 09.11.2012.
- **Dr.A.G. Murugesan** - Noval Broad Spectrum Anti – Bacterial Substance Isolated from *Glycyrrhiza glabra* its Application as – Mouth wash (Submitted by Dr.S.Sudhakar,J.Jegethanbigai, Dr.Y.Christurajan, Dr.M. Vanjinathan, Dr.S. Emmanuel Joshua Jebasingh and Dr. A.G. Murugesan – submitted on 28.09.2012.

11. New Collaborative Research Programmes and Network Projects

- Dr. M. Ramakrishnan Collaborated with Navajeevan Trust participated in
- campaign against Exploitation of Women under “**Sumangali Scheme**”.
- Dr. S. Sudhakar collaborated with Dr. Kumaresan in the UGC project entitled “Studies on the Syntheses, DNA Binding-, and Anticancer Activity of Some 12-Thiasteroids and Steroidal Analogues” and an amount of Rs. 10 lakhs was sanctioned.

- Dr. S. Sudhakar collaborated with Dr. Veluraja in the DBT project entitled "The structural biology of Carbohydrate binding protein" and an amount of Rs. 20 lakhs was sanctioned.
- Department of Commerce sent proposals to NABARD, Ministry Forestry and Planning Commission.
- Dr. D. Pathinettam Padiyan, Professor, Department of Physics has done Collaborative Research with Dr.E. Subramanian, Professor & Head in Chemistry and Dr.B. Sundarakannan, Associate Professor in Physics, Manonmaniam Sundaranar University. The details are as follows:
 - (i) Development of indirectly coupled magnetoelectric multiferroic composites for magnetic field sensors and microwave transducers. (Total cost – Rs.10,27,300/- & Funding agency – UGC, New Delhi.)
 - (ii) Development of Analyte/specific Multicomponent Chemical Sensors Based on conducting Polyaniline Composites. (Total cost – 13,41,200/- & Funding agency – DST, New Delhi)
 - (iii) Development of Lead Free Piezoelectric ceramics (Total cost – Rs.11,33,000/- & Funding agency – CSIR, New Delhi)
- Department of Communication collaborated with the the department of Criminology and Criminal Justice in production of educational CDs on the themes Child rights, Victim rights and Dalit rights
- Department of Communication collaborated with the department of Sociology towards organising the extension programme on the International Women's day in the year 2013.

12. Research grants received from various agencies and Consultative Programmes

- The Department of Statistics was awarded Additional TEN Research Fellowships by University Grants Commission, New Delhi for meritorious students pursuing Ph.D., degree programme in Statistics in the Department of Statistics under the scheme of "UGC-BSR Research Fellowship in Sciences, Bio-Sciences, Agricultural Sciences, Medical Sciences and Engineering Sciences" to SAP-Science Departments in Universities.
- The Department of Statistics received the second installment grant of Rs.1,71,547/- (Rupees One Lakh Seventy One Thousand Five Hundred and Forty Seven only) from University Grants Commission towards fellowship to the Project Fellow under Special Assistance Programme at the level of DRS-I for the financial year 2012-2013.

- The Department of Statistics received the third installment grant of Rs. 3,40,000/- (Rupees Three Lakhs and Forty Thousand only) from University Grants Commission under SAP (DRS-I) under the scheme of Improving Basic Scientific Research in Special Assistance Programme (SAP) at the level of DRS-I.
- The Department of Statistics received the second installment grant of Rs.18,00,000/- (Rupees Eighteen Lakhs only) from University Grants Commission towards fellowship to the TEN meritorious students pursuing Ph.D., degree programme in Statistics in the Department of Statistics under the scheme of “UGC-BSR Research Fellowship in Sciences, Bio-Sciences, Agricultural Sciences, Medical Sciences and Engineering Sciences” to SAP-Science Departments in Universities.
- The Department of History has received a ICHR New Delhi grant of Rs.1,00,000/- to organize a National Seminar on “Economic History of Modern Tamil Nadu (Since Independence)” Organised by Dr. B. Maria John.
- The Department has received a ICHR New Delhi grant of Rs.1,15,000/- to organize a National Seminar on “ Growth of Education and Learning in Tamil Nadu” - Organised by Dr. B. Maria John.
- UGC Major Project in “Veiled Heroes of Tirunelveli District: A Study on Organized Indian National Movement 1820 -1947”. Amount Sanctioned Rs,4,61,200/-
- Department of Commerce received funde from ICSSR and UGC.

Department of Mathematics

Sl.No.	Name of the Research Grant	Name of the Agency	Grants Received
1	NBHM – Library Grant	Department of Atomic Energy	3,70,000(2012-2013) 4,10,000(2013-2014)
2	SAP Grant	UGC	5.4 lakhs (2013-2014)

13. Details of research scholars

S.No	Reg. No.	Name of the candidates	Name of the Guides	Title of the Thesis	Part time/Full time
1	9761	Mr.S.R. Godson (03.07.2012)	Dr.R. Ramesh	Enhancing communicative competence in English through varied discourse types : A study at the P.G.Level	Full Time
2	9612	Ms. Irish Kezia (21.08.2012)	Dr.R.Ramesh	Psycholinguistic strategies to improve communicative	Full Time

				competence in English: A Study at the post graduate level	
3	9651	Ms. D. Regis Prabakaran	Dr. J. Jenitha	Perspectives on relationships and attachment patterns in the select novels of anne Tyler and Karen Kingsbury	Full Time
4	10680	Mr.R. Ajith	Dr.S.Prabahar	Poetics and Politics : A comparative study of select works of Alexis Wright and Narayan	Full Time
5	10114	Ms.M.Devibala (27.02.2013)	Dr.J. Jenitha	Millennical Minds : A study of the plays of David Mamet and Tony Kushner	Full Time
6	10332	Mr. J.A. Richardson (23.05.2013)	Dr.J. Jenitha	Lyrics and Typicality: A study of the songs of the Beatles	Full Time

Department of Hindi:

S.No	Name of the Student	Name of the Guide
1	Noor Mohammed Haleema .K	Dr. A.Bhawaani
2	Chitra .K	
3	Kavitha. K.	
4	Balamurugan.P	
5	Jyothi Prakash.K.G.	Dr. R. Jayachandran
6	Radhika.K	

Department of Sociology:

Ph.D Scholars Full Time : 3

Ph.D. Scholars Part Time : 24

Department of Biotechnology

SL.NO	NAME OF THE TEACHER	TOTAL NO.OF STUDENTS REGISTERED
1	DR.S. SUDHAKAR	FT: 07 PT:01
2	DR.S. UMAMAHESWARI	FT:06 PT:02

Department of Statistics

- a. Full Time Ph.D. Research Scholars
Scholars
(29, in number)

S. No	Name (2012-13)	Reg. No.
1	S. Suresh	3018
2	S. Kalaiselvi	3019
3	K. Shalini	3020
4	P. Muthukrishnan	3103
5	M. Saral	3104
6	S. Selvakumar	3400
7	V. Deneshkumar	4514
8	M. Manikandan	4515
9	V.M. Arul Flower Mary	3069
10	Y. Jacob Vetharaj	3098
11	V. Anithakumari	7891
12	B. Vinoth	8369
13	A. Jawahar Farook	8370
14	K. Manoj	8525
15	E. Sakthivel	8497
16	M. Thirunavukkarasu	8496
17	A. Pradeepa	9002
18	S. Marichelvi	9003
19	S.R. Siva Ambika	9004
20	A. Jabarali	9005
21	V. Kalpana	9006
22	G. Muthu Esakkiammal	9007
23	N. Kavitha	9689
24	D. Balamurugan	9131
25	S. Bangusha Devi	9133
26	A. Radhika	9130
27	R. Vetrichelvi	9132
28	S. Gothai Nachiyar	9674
29	M. Manoharan	10101

- b. Part Time Ph.D. Research
(11, in number)

S. No	Name (2012-13)	Reg. No.
1	X. Esther Vimala	-
2	M. Ravi Shankar	3279
3	M. Syed Mohamed	3278
4	S. Zulaikha Beevi	3834
5	G. Pethanasamy	3441
6	S. Ananthalakshmi	4472
7	G. Suresh	4583
8	K. John Peter	5940
9	V. Christy	7607
10	T. Jothi	9365
11	S. Selvakumar	9553

**Dr. N. Krishnan of Center of Information technology and Engineering
has 8 Ph. D Scholars.**

Department of Education

S. NO	Name	Registration No.	Full Time/ Part Time	Date of Joining	Remarks
1.	V. Ramaswamy		Part Time	06.08.2012	Co- guiding
2.	N. Subramanian	9667	Part Time	07.07.2012	NET Holder
3.	R. Grace Sophia	9267	Full Time	09.07.2012	Maulana Abul Kalam Azad Fellowship
4.	S. Arockiasamy	9515	Part Time	07.07.2012	NET Holder

Department of History

Ph.D. Scholars Full Time: 24

Ph.D Scholars Part Time: 18

Department of Computer Science

Name of the Candidate	Name of the Supervisor
Mr. T.Ananth Kumar	Dr. R. S. Rajesh
Mr. C.Morris	
Mr. Sivanainantha perumal	
Mr.T. Diliphan Raj Kumar	Dr. A. Suruliandi
Mr. T.Sam Pradeep Raj	
Mr.P.Selva Perumal	
Ms. Poongothai	
Mr. T.Avudaiappan	Dr. R. Balasubramanian
Mr. V.Murugan	
Mr. Anabarasapandian	

Mr. T.Ganesh Kumar	Dr. D. Murugan
Ms.S. Maheswari	Dr. P. Arockia Jansi Rani
Mrs. Kavitha	
Mrs.P. Mohamed Fathimal	
Mrs. Sowmiyaani	

Department of Tamil

t.vz;	ngah;	Njpp
1.	[h. Fapd; gpsth;	03.07.2012
2.	e. n[a tre;jp	11.07.2012

14. Citation index and impact factor of publications and H Index of faculty members

Dr. M. Ramakrishnan, Globalization and Its Effects on Family in India, in Proceedings of the International Conference on Social Sciences, January 2013.

TEACHER'S NAME	ARTICLES TITLE	JOURNAL'S NAME	DATE OF PUBLICATION	NATIONAL/INTERNATIONAL
Dr.S. SUDHAKAR	Auto fluorescence in BrdU positive cells and augmentation of regeneration kinetics by riboflavin.	Stem Cells and Development. Impact factor: 5	July 20, 2012, 21(11): 2071-2083. doi:10.1089/scd.2011.0485	INTERNATIONAL
	Novel <i>Bacillus</i> sp causing Abscessation in Sheep and Goat population.	Current Science Impact factor: 0.8	October 25, 2012, 103(8).	NATIONAL
	Unique Phenotypes in the Sperm of the Earthworm <i>Eudrilus eugeniae</i> for Assessing Radiation Hazards.	Manuscript accepted for publication in the Journal of Environmental Monitoring and Assessment, Impact	2012. DOI: 10.1007/s10661-012-2901-9.	INTERNATIONAL

Department of Statistics:

SI · N o.	Faculty Name	Title of the Paper	Journal Name	Impact Factor
1.	Dr. K. Senthamarai Kannan	Clustering Algorithms using Different Distance Measures – A Comparison	CiiT International Journal of Data Mining and Knowledge Engineering, April 2013, p.140-143	0.621
2.	Dr. K. Senthamarai Kannan	Analysis of Liver Cancer DNA Sequence Data using Data Mining	International Journal of Computer Applications, January 2013, p. 23-25	2.52
3.	Dr. K. Senthamarai Kannan	Coal Burn Detection using Wireless Sensor Network with Evidence Combination	International Journal of Soft Computing and Engineering, November 2012, p. 35-38	1.177
4.	Dr. K. Senthamarai Kannan	Hybrid Compression of Cervical Images by Segmenting Nuclei- cytoplasm	ICTACT Journal on Image and Video Processing, 2012, p. 522-525	0.477
5.	Dr. K. Senthamarai Kannan	Outlier Analysis with Fuzzy Clustering Model	CiiT International Journal of Fuzzy System, November 2012, p. 350-354	0.441
6.	Dr. K. Senthamarai Kannan	An Efficient Method of Forest Fire Detection using Wireless Sensor Network with Yager's Modified Dempster's Rule	International Journal of Emerging Technology and Advanced Engineering, October 2012, p. 222-227	1.097
7.	Dr. K. Senthamarai Kannan	Security System Allocation with Terrorist Attacks	CiiT International Journal of Data mining and Knowledge Engineering, September 2012, p. 519-523	0.621
8.	Dr. K. Senthamarai Kannan	Vector Auto Regressive Model for Hydro Electricity Generation and Demand	International Journal of Agriculture and Statistical Science, 2012, p. 25-30	0.01

9.	Dr. Loganathan	A.	Determination of Single Sampling Plans by Attributes under the Conditions of Zero-inflated Poisson Distribution.	Communications in Statistics-Simulation and Computation, May 2013, 2014, vol:3, p.538-548	0.288
10.	Dr. Loganathan	A.	Selection of Minimum Sample Size Tightened-Normal-Tightened Sampling Inspection Schemes	Journal of Testing and Evaluation, 2013	0.349
11.	Dr. Rajarathinam	A.	Computations of Jump Points in Tobacco (Nicotiana Tabacum) Crop Production	Journal of Probability and Statistics, 02-02-2013 Vol:2(2); p:13-20	-
12.	Dr. Rajarathinam	A.	Fuzzy Time Series Modeling for Paddy (Oryza Sativa L) Crop Production)	Journal of Mathematics and Statistics, 05-03-2013 Vol:3(5); P:268-280	-
13.	Dr. Arumugam	P.	Stock Market Forecasting Using Hidden Markov Model with Clustering Algorithm	Journal of Business Trends and Technology, 2013 Vol:3(3); p:72-76	-
14.	Dr. Arumugam	P.	Seasonal Time Series and Transfer Function Modeling for Natural Rubber Forecasting in India	Journal of Computer Trends and Technology, 2013 Vol:4 issue:5; p:1366-1370	-
15.	Dr. Arumugam	P.	Computational Algorithm of Fuzzy Stochastic Model for Forecasting	Journal of Algorithms and Computational Technology, 2012 Vol:6; p:375-383	-
16.	Dr. Arumugam	P.	A Comparison of Refined Arithmetic and ARIMA Model for Taiwan Export Data	Proceeding of International Conference on Mathematical Modeling and Applied Soft Computing, Coimbatore Institute of Technology, July 11-13, 2012; Vol:2; p:210-220	-
17.	Dr. Arumugam	P.	A Hidden Markov Model for Global Warming	Proceeding of International Conference	-

		Entities	on Mathematical Modeling and Applied Soft Computing, Coimbatore Institute of Technology, July 11-13, 2012; Vol:2; p:1003-1014	
18	Dr. Arumugam P.	Detection and Extraction of Shadows for Visual Perceptible Image Enhancement	Proceeding of International Conference on Mathematical Modeling and Applied Soft Computing, Coimbatore Institute of Technology, July 11-13, 2012; Vol:2; p:317-326	-
19.	Dr. Sasikumar R.	Predicting the diabetic retinopathy through Markov model for diabetic patients	Emerging Trends in Applied Mathematical Science, March 2013, p:98-103	-
20	Dr. Sasikumar R.	Applications of Statistical Process Control charts to health care - Systematic Review	Mathematical Modeling and Applied Soft Computing, July 2012, Vol. II, p:195-209	-
21	Dr. Sasikumar R.	An Enhanced Applications of Brownian Motion to Mathematical Finance in Stochastic Modeling	Journal of Interdisciplinary Mathematics, May 2013, Vol. 14, (2011), p:471-481	-
22	Mr.A.CHENTHI LNATHAN	Qualification of equipment: Saizoner Mixer Granulator, Compression Machine and Coating Pan.	<i>Advance Research in Pharmaceuticals and Biologicals</i> , 2013; 3(2):438-443.	
23	Mr.A.CHENTHI LNATHAN	Process validation of Diclofenac sodium, Paracetamol and Chlorzoxazone tablets	<i>.. Int. J. Pharm & Ind. Res.</i> , 2013; 3(2):172-179.	0.29
24	Mr.A.CHENTHI LNATHAN	Simultaneous quantitation and validation of Salbutamol sulphate, guaifenesin	<i>Int.J.Inv.Pharm.Sci.</i> , 2013; 1(2):107-123.	

		and ambroxol hydrochloride by RP-HPLC in combined liquid dosage form.		
25	Mr.A.CHENTHI LNATHAN	Formulation development and evaluation of taste masked Cefuroxime axetil dry suspension	<i>DerPharmacia Sinica</i> ,2013;4 (2): 98-103.	
26	Mr.A.CHENTHI LNATHAN	Formulation, Optimization and In-Vitro evaluation of Felodipine extended release matrix tablets	<i>Indo American Journal of Pharm Research</i> , 2013, 3(3): 1178- 1188.	0.85
27	Mr.A.CHENTHI LNATHAN	Formulation and In-vitro evaluation of immediate release tablets of Losartan potassium using superdisintegrants	<i>Journal of Biochemical and Pharmaceutical Research</i> , 2013; 2 (2): 25-30	
28	Mr.A.CHENTHI LNATHAN	Formulation and evaluation of modified release matrix tablets of Trimetazidine Dihydrochloride	<i>.International Journal for Pharmaceutical Research Scholars</i> , 2013; 2 (1): 106-112	1.0285
29	Dr. T. Arumuga Maria Devi	Search in Unstructured Peer to Peer Networks based on Dynamic Topology Adaptation, VOL.12 No.11, November 2012, IJCSNS	International Journal of Computer Science and Network Security, ISSN : 1738-7906,1, Principal Author.	
30	Dr. T. Arumuga Maria Devi	Motion Detection and Object Tracking in Video frame sequence on IWT of Adaptive Pixel Based Prediction Coding, Vol.2, No. 4, August 2012, IRACST	Engineering Science and Technology: An International Journal (ESTIJ), ISSN: 2250-3498, 1, Co-Author.	
31	Dr. T. Arumuga Maria Devi	A High Compression Deflate Algorithm for Video Stream, VOL.12	International Journal of Computer Science and Network Security, ISSN :	

		No.8, August 2012 IJCSNS	1738-7906,2, Principal Author	
32	Dr. T. Arumuga Maria Devi	A Novel Technique in Fingerprint Identification using Relaxation labeling and Gabor Filtering, e-, Vol. 2, Issue 12 (Dec. 2012), V1 PP 34-40, IOSR	Journal of Engineering, ISSN: 2250-3021, p- ISSN: 2278-8719,1 Principal Author	
33	Dr. T. Arumuga Maria Devi	Symmetric Key Cryptography on Images in AES Algorithm and Hiding Data Losslessly, Vol.2, Issue.4, July-Aug. 2012 pp- 1951-1954	International Journal of Modern Engineering Research (IJMER) ISSN: 2249-6645, Principal Author.	
34	Dr.P.Kumar	“Vehicular Traffic Density State Estimation using Support Vector Machine” 2013	IEEE International Conference on Emerging Trends in Computing, Communication and Nanotechnology (ICE- CCN 2013) during 25 – 26March 2013, ISBN: 978-1-4673-5036- 5/13/\$31.00 © 2013 IEEE, pp.782 – 785.	
35	Dr.P.Kumar	“An Adapted Ontology Model for Web Information Gathering “	CiiT International Journal of Artificial Intelligent Systems and Machine Learning, ISSN 0974 – 9667 & Online: ISSN 0974 – 954, Vol 5, No 3, March 2013, pp.103-109.	
36	Dr.P.Kumar	“Insinuation of Adherence Calculation on Indian Healthcare Sector”	Journal of Science, Technology& Management, Volume – 06, No.4, October – December 2013, ISSN No. 0974-8334, pp.29- 35.	

37	Ms.C. Divya	Distributed Data Aggregation Based Energy Efficient Cluster Algorithm for Heterogeneous Wireless Sensor Network	International Journal of Application or Innovation in Engineering & Management (IJAEM), ISSN- 2319 – 4847, Volume 2, Issue 4, April 2013,pp-126-131	2.379
38	Ms.C. Divya	“Modified Low Energy Adaptive Clustering Hierarchy for Heterogeneous Wireless Sensor Networks”,	International Journal of Engineering and Technology (IJET),ISSN- 0975-4024, Vol 5 No 2 Apr-May 2013,pp-536-541.	
39	Ms.C. Divya	“Modified Distributed Energy –Efficient Cluster for Heterogeneous Wireless Sensor Networks”, in 2013	International conference on Emerging Trends in Computing, Communication and Nanotechnology(ICECC N 2013) organized by Infant Jesus College of Engineering and Technology, Tamilnadu on March 25-26,2013,ISBN-978-1-4673-5036-5,pp-611-615.	
40	Dr.R.S.Rajesh	“Particle swarm intelligence for channel assignment problem in mobile cellular communication system”	International Journal of Artificial Intelligence and Soft Computing, 2012, Vol.3, No.1, pp.16 – 28	
41	Dr.R.S.Rajesh	“K.Ponmozhi and Dr. R S Rajesh “A Framework for Context Driven service Provisioning in manets”	International Journal of Computer Science and Engineering (IJCSE), Vol.1,Issue 2,Nov 2012, PP 1-10 , ISSN:2278-9960	
42	Dr.R.S.Rajesh	Service Provisioning in MANETs using Service Provider’s Metrics,	Journal on Communication Technology,September 2012, vol. 03, Issue 03,	

		ICTACT	pp. 580 – 586, ISSN 0976-0091.	
43	Dr.R.S.Rajesh	“ A Survey on Secured Key Management Scheme in Wireless Sensor Network”	International Journal of Emerging Trends in Engineering and Development. Issue 2, Vol.6. sep 2012.	
44	Dr.R.S.Rajesh	“Asymmetric Key Management and Authentication Technique in Wireless Sensor Network”	International Journal of Engineering, Science and Metallurgy. Dec 2012.	
45	Dr.R.S.Rajesh	“A Secure Mechanism against attacks in Wireless sensor Network”	International Journal of information and Network Security (IJINS),Dec 2012.	
46	Dr.R.S.Rajesh	“An Energy Aware Key establishment Frame work for Wireless Sensor Network Security ”	International Journal of Emerging Trends in Engineering and Development (IJETED), Jan 2013.	
47	Dr.R.S.Rajesh	“The Impact of Transmission Power on the Performance of MANET Routing Protocols”	“IOSR Journal of Engineering(IOSRJEN) e-ISSN: 2250-3021, p-ISSN: 2278-8719 Vol. 3, Issue 2 (Feb. 2013), PP34-41, www.iosrjen.org	
48	Dr.R.S.Rajesh	Multipath MANET Routing Protocols under Variable Range Transmission Power	Int. J. Advanced Networking and Applications (IJANA) Volume: 04 Issue: 05 Pages: 1737-1743 (APR 2013) ISSN: 0975-02 .	
49	Dr.A. Suruliandi	“A Combined approach using Textural and Geometrical Features for Face Recognition”,	ICTACT Journal on Image and Video Processing. Vol. 3 No. 4, pp 606 – 611. ISSN : 0976 – 9099.(Print), 0976 – 9102(Online)	

50	Dr.A. Suruliandi	“Local Binary Pattern and Its derivatives for Face Recognition”,	<i>IET Computer Vision</i> , Vol. 6, No. 5, pp 1 – 9. ISSN : 1751-9632. DOI : 10.1049/iet-cvi.2011.0228.	
51	Dr.A. Suruliandi	“Empirical Evaluation of Particle Filtering and Non Local Mean Method Image Reconstruction Techniques”,	International Journal of Digital Image Processing, Print ISSN :0974–9691.DOI : DIP072012022	
52	Dr.A. Suruliandi	“Color Image Segmentation Using Fuzzy Local Texture Patterns”	IJCA, Vol. 41, No. 18, pp 16 - 23, Print ISSN 0975 – 8887. DOI : 10.5120/5641-8021	
53	Dr.A. Suruliandi	“Rotation Invariant Texture Classification Fuzzy Local Texture Patterns”,	JCST, Vol. 3, pp 653 - 657, Print ISSN 2229 - 4333.	
54	Dr.A. Suruliandi	“Performance Analysis of Encryption Algorithm for Information Security”	International Conference on Circuit, Power and Computing Technologies (ICCPCT), Nagercoil, India. Pp 840 – 844. Available online at IEEE Xplore. Print ISBN : 978-1-4673-4921-5 Digital Object Identifier: 10.1109/ICCPCT.2013.6528996	
55	Dr.A. Suruliandi	“Performance Analysis of Various Color Local Texture Models for Face Recognition”,	International Conference on Circuit, Power and Computing Technologies (ICCPCT), Nagercoil, India. Pp 1206 – 1210. Available online at IEEE Xplore. Print ISBN: 978-1-4673-4921-5 Digital Object	

			Identifier: 10.1109/ICCPCT.2013.6528996 .	
56	Dr.A. Suruliandi	“Performance Analysis of Feature Extraction and Classification Techniques in CBIR”,	International Conference on Circuit, Power and Computing Technologies (ICCPCT), Nagercoil, India. Pp 1211 – 1214. Available online at IEEE Xplore. Print ISBN: 978-1-4673-4921-5 DigitalObject Identifier: 10.1109/ICCPCT.2013.6528996 .	
57	Dr.A. Suruliandi	“Performance Analysis on Road Sign Detection, Extraction and Recognition Techniques”	“International Conference on Circuit, Power and Computing Technologies (ICCPCT), Nagercoil, India. Pp 1167 – 1173. Available online at IEEE Xplore. Print ISBN : 978-1-4673-4921-5 Digital Object Identifier: 10.1109/ICCPCT.2013.6528996	
58	Dr.A. Suruliandi	“Performance Evaluation of the Energy Efficient Localization Techniques in WSN”,	International Conference on Computing Communication & Networking Technologies (ICCCNT), Coimbatore, India, pp 1 – 7, Available online at IEEE Xplore. Digital Object Identifier: 10.1109/ICCCNT.2012.6395952	
59	Dr.A. Suruliandi	“Empirical Evaluation of Reconstruction Techniques”	Third International Conference on Computing Communication & Networking Technologies (ICCCNT), Coimbatore,India,	

			pp 1 – 8, Available online at IEEE Xplore. Digital Object Identifier: 10.1109/ICCCNT.2012.6395984	
60	Dr. R. Bala subramanian	“Performance Analysis on Normalization Techniques and Recognition of face images under uncontrolled Illumination”	International Conference on Advanced Computing, Machine and Embedded Technology “ICACT – 2013”, March 2013	
61	Dr. R. Bala subramanian	“Performance Analysis on Texture Based Image Retrieval Using Perceptual Model and GLCM”	International Conference on Advanced Computing, Machine and Embedded Technology “ICACT – 2013”, March 2013	
62	Dr. R. Bala subramanian	“K-Anonymity Privacy Preservation for unrealized data set using decision tree learning”	National Conference on Emerging Trends in Computer Engineering and Technology “ETCET 13”, 8 th March 2013.	
63	Dr. R. Bala subramanian	“Investigation on Advanced Clustering Technique using Bregman distance function for Iris Database”	National Conference on Emerging Trends in Computer Engineering and Technology “ETCET 13”, 8 th March 2013	
64	Dr. R. Bala subramanian	“Robust Digital Image Watermark Protection By Selecting The Optimal Feature Region Set”	National Conference on Advanced Computing 15 th March 2013	
65	Mrs.G. Muthulakshmi	“Image Compression using Self-Organizing Feature Map and Wavelet Transformations”,	Journal on Image and Video Processing, August 2012, Volume 03, Issue 01, ISSN 0976-9099(Online), PP.445-451.	
66	Mrs.G.	Adaptive Directional	Recent Trends in Computer Science and	

	Muthulakshmi	Wavelet based Self Organization for Vector Quantizer Design”,	Engineering, Publication Manonmaniam Sundaranar University, ISBN:978-93-81402-15-3, 2011, PP.37-57.	A of
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Department of Physics

S. No	Faculty Members	Citation Index	Impact Factor	H- Index
1	Dr. D. Pathinettam Padiyan, Professor	2	11.339	8
2	Dr. T.R.Rajasekaran Professor	2	1.765	5
3	Dr.B. Sundarakannan Associate Professor	-	-	10
4	Dr. K. Mohanraj Assistant Professor	-	4.571	-

Department of Chemistry

Dr. E. Subramanian

H- index – 12
 Total citations – 663
 Impact factor maximum – 75
 Average Impact factor – 1-5
 Total no. of publications – 53

Dr. C. Kannan

	Citation Index	Since 2009
Citations	199	160
H-index	9	8
i-10 Index	8	6

	All	Since
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Dr. K. Swarnalatha

		2009
Citations	24	18
h-index	3	3
i10-index	1	0

Department of CITE:

Dr. N. Krishnan

Citation Index : 288

H Index : 10

Department of Economics

Sl. No	Department & Faculty Name	Publication			Conference/Seminars Participated / Paper Presented	
		Books/ Monographs	National	International	National	International
1	Department of Economics Dr. J. SACRATEES		7	1	2	1

Department of History

Teacher's Name	Articles Title	Journals's Name	Date of publication	National/ International
Dr. B. Maria John	Empowerment of Women in the Era of Globalization: Chanlenges and Opportunities	"Empowerment of women in Tamil Nadu in the present content"	Centre for Women studies, Pondicherry University.	14-15 Dec 2012

”	“E-Expression of Resistance: A Critical Analysis of E-Space Criticisms Against the State”	Asian Academic Research Journal of Social Science & Humanities.	May 2013	International
”	“Impacts of the Victimization: A Study of Victims of Financial Institution Frauds in Kanya Kumari District”	Journal of International Academic Research for Multidisciplinary.	June 2013	International
Dr. P. Sermakan i	“Social ideas and activities of Dewan Bahadur Rettaimalai Srinivasan in Colonial Tamil Nadu”.	Golden Research Thoughts	01 Jan 2013	International
”	“Education of Depressed classes in the pre-Independent Tamil Nadu – A Bird’s view.	Golden Research Thoughts	01 March 2013	International
Dr. K. Murugiah	“Kudiarasu, the Mouthpiece of Periyar E.V. Ramasamy Naicker”	Indian Streams Research Journal	Aug 2012	National
”	“C.P.Ramasamy Iyer and Annie besant: Madras Politics and Madras Mock Parliament”	Indian Streams Research Journal	Sep 2012	National
”	“Kasturiranga Iyengar – a versatile National Leader Shinde Sanjay”	Golden Research Thoughts	Sep 2012	National
”	“Historians Views on the Origin of madras	Indian Streams Research Journal	Aug2012	National
”	“Air Pollution”	Environmental concerns for Human Development.	Dec 2012	International
Vinod Vincent Rajesh	“Time, Space and Life: Early Parathavars of the Pearl Fishery Coast”	Indian Historical Studies.	Sept 2012	International

”	“Varalathru Ayvukana Thuvakka Pulli”	India Today	06 Feb 2013	National
”	“Oru Veeran, Oru kalai, Oru Niragarippu”	India Today	22 May 2013	National

Department of Mathematics

Sl. No.	Name of the Faculty	Citation Index	Impact Factor	H Index
1	Dr. T. Tamizh Chelvam	30	0.5	13
2	Dr. S. Somasundaram	35	0.4	10
3	Dr. P.Thathabai Nowroji	-	-	-
4	Dr. J. Paulraj Joseph	25	0.35	7
5	Dr. R. Kala	30	0.3	6
6	Dr. K. Selvakumar	10	0.3	3
7	Dr. V. Sankar Raj	8	0.2	3
8	Dr. S. Monikandan	12	.4	3

15. Honors/Award to the faculty

Department of Hindi

S.No	Name of the Staff	Position	Organization Period	Remarks
1	Dr.A. Bhawaani	Professor & Head	Member – Standing Committee of Academic Affairs (SCAA), Manonmaniam Sundaranar University, April 2012	
			Senate Member - Manonmaniam Sundaranar University , April 2012	
			UGC- Panel Member for Major & Miner Projects	
2	Dr.R. Jayachandran	Associate Professor	Major Research Project – 2012 - 2014, UGC, New Delhi	
			Member, Board of Faculty	

			of Indian Languages, Annamalai University, Annamalai Nagar, TN 2012- 2015	
			Member – Standing Committee of Academic Affairs (SCAA), Manonmaniam Sundaranar University, April 2012	

Department of Sociology:

Dr.M. Ramakrishnan

Glory of India Award with a Gold Medal, and a certificate of Excellence presented by Mr.Korn Dabbaransi, The former Deputy Prime Minister of Thailand.

Dr. R. Maruthakutti

Nominated as Adhoc Committee Member to enquire into the basic characteristics synonymous of the Kuruma, Kurumba Gounder, Kurumban and Kurumbar in Tamil Nadu as per the G.O (Ms) No. 460 dt: 26.10.2012.

Department of Biotechnology

Dr.S.Sudhakar has been selected as a Board member for Innovative Program in St.Xavier's College, Palayamkottai.

Department of Commerce

Bharath Shiksha Award – Dr.C. Thilakam

Best Paper Award - Dr.C. Thilakam

Department of Statistics

- Dr. K. Senthamarai Kannan, Professor, Department of Statistics awarded with a grant of Rs.7.00 lakhs from University Grants Commission to further facilitate in research work under the scheme of UGC-BSR One Time Grant.

Department of Chemistry

Sl.No	Name of the Staff	Position	Organization Period	Remarks
1	K. Swarnalatha	National Seminar on Expanding the Frontiers in Chemistry organized by Department of	14-15 Feb 2013	"Molecular Engineering of Photosensiti

		Chemistry, Arul Anandar College, Karumathur, Madurai Resource person in a National Seminar,		izers for Solar Energy Conversion” Invited Talk
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Department of CITE

Dr. T. Arumuga Maria Devi

1. Served as **Session Chair** for the ICCCT '13 Second INTERNATIONAL CONFERENCE ON COMPUTING AND COMMUNICATION TECHNOLOGY held on March 1st and 2nd March 2013 at Immanuel Arasar JJ College of Engineering Edavilagam, Nattalam, Marthandam-629195, INDIA.
2. Served as **Session Chair** for the ICE-CCN 2013 is the IEEE First International Conference in Emerging Trends in computing, communication and Nanotechnology held on 25-26 March 2013 organized by the Department of Electronics and communication Engineering, Infant Jesus college of Engineering and Technology, Tuticorin, Tamilnadu, India.

Dr.P. Kumar

1. Served as **Session Chair** for the ICCCT '13 Second INTERNATIONAL CONFERENCE ON COMPUTING AND COMMUNICATION TECHNOLOGY held on March 1st and 2nd March 2013 at Immanuel Arasar JJ College of Engineering Edavilagam, Nattalam, Marthandam-629195, INDIA.
2. Served as **Session Chair** for the ICE-CCN 2013 is the IEEE First International Conference in Emerging Trends in computing, communication and Nanotechnology held on 25-26 March 2013 organized by the Department of Electronics and communication Engineering, Infant Jesus college of Engineering and Technology, Tuticorin, Tamilnadu, India.

Ms. C. Divya

- Reviewer in international journal of Engineering and Research Technology
- Reviewer in international journal of Electronics and Communication Engineering Research
- Reviewer in International Journal of Computer Science and Business Informatics

- Board members in International Association of Scientific Innovation and Research (IASIR), United States.
- Reviewer in Defence Science Journal(IF-0.304), Govt. of India
- Associate Member in Universal Association of Computer and Electronics Engineers i.e UACEE . Membership number : AM1003652.
- Member in International Association of Computer Science and Information Technology (IACSIT). Member NO.: 80346441
- Reviewer in World Scientific and Engineering academy and society(Referred journal in anna university, Chennai)
- Reviewer in International journal of computational intelligence and information security(IJCIIS)
- Editorial Board Member in International Journal of Advanced Computer Research-**EB210682827**
- International association of engineers(IAENG)-member number - 121989

Department of Economics

Dr. J. Sacratees

- **Best Research Paper Award**, Indian Institute of Science, Bangalore.
Research paper entitled, “**Estimating Economic Costs of Municipal Solid Waste Management: Using Contingent Valuation Method**”

Department of Education:

S.No	Name	Award/Honour	Date
1	Dr.B. William Dharma Raja	State Level Proposal Approval Research Committee (SPARC) member of the SCERT, Chennai for 2012-13 & 2013-14 (4772/E2/ 2013 dt. 16.07.2013)	2012-2014
		Editorial Committee member of an International Journal – i-manager’s Journal on School Educational Technology (ISSN- 0973-2217)	2012-2013
2	Dr.A. Veliappan	Appointed as Chief Superintendent for conducting Special Supplementary University Examination.	18.07.2012
		Appointed as Convener for B.Ed Practical Examination by TNTEU, Chennai at Annammal College of Education.	27&28 Feb 2013
3		Appointed as Observer for the National Eligibility cum Entrance Test (NEET)1 Entrance Examination of Central Board of Secondary Education held on 01.04.2012 (F.10/CBSE/NEET/OBSVR/2013/OTH/1300808)	5.5.2013

Department of Geo-Technology

Dr. N. Chandrasekar, Professor and Head has received the following awards:

- Dr. Radhakrishna gold medal award in the field of Teaching and Research.
- Identified as national expert in the field of mine environment (Ministry of Environment and Forest) – 2014.
- Identified as national expert in the field of marine hazards, National Institute of Disaster Management (Ministry of Home affair) – 2014.
- National Environmental Science Academy (NESA) Fellowship of the Year - 2012.
- Indian Geophysical Union Fellowship award – 2014.
- Scopus – SciVerse Science Direct Top '25 hottest articles (April to June 2012) published in Earth and Planetary Sciences, Quaternary Research.

<http://top25.sciencedirect.com/subject/earth-and-planetary-sciences/9/journal/quaternary/-research/00335894/archive/39>

- Scopus – SciVerse Science Direct Top 25 hottest articles (January to March 2012)

published in Earth and Planetary Sciences, Geoscience Frontiers.

<http://top25.sciencedirect.com/subject/earth-and-planetary-sciences/9/journal/geosciences-frontiers/1674987/archive/38>

- Scopus - SciVerse Science Direct Top 25 hottest articles (October to December 2013)

Published in Earth and Planetary Sciences, International Journal of sediment Research.

<http://top25.sciencedirect.com/subject/earth-and-planetary-sciences/9/journal/international-journal-of-sediment-research/10016279/archieve/48/>

Department of Communication

S. No.	Name of the Faculty & Department	Award / Achievement/ Recognition
1	Department of Communication	Received the STARS of the Industry AWARDS 7 th INDY'S, Awards for Excellence in Mass Communication, Marketing Communication, Public Relations, Corporate Social Responsibility, Advertising, Branding & B-School. BEST B-SCHOOL ACADEMIC INPUT SYLLABUS IN MASS COMMUNICATION on 14 th February 2014.

Department of Tamil

Dr. S. Alagesan

- 1) Tholkappiyar Award, 2012 by Kavitarasar Kalai Tamil Sangam, Namakkal.

Department of Criminology and Criminal Justice

Dr. Beulah Shekhar

Commonwealth Academic Staff fellowship from 2013- 2014.

Visiting Fellow to The International Centre for Comparative Criminology (ICCC)
From 1st April to 20th May, at University of Montreal, in Montreal, Canada

Dr. K. Jaishankar

- Recipient of the "NASI Scopus Young Scientist Award 2012 – Social Sciences". (Key notes given by the panelists in support of my award: *Pioneering and collaborative research work, Clarity and grasp on the subject work domain and high awareness of related contemporary issues.* The award includes a trophy, a citation & 75,000/-)
- Appointed as Member of the Advisory Board of the ACPRN (Asian Consumer Protection Research Network), Singapore.
- Appointed as Member of the International Cybercrime Research Centre, Simon Fraser University, Vancouver, Canada.
- Appointed as Member of the Program Advisory Committee of the *Third Annual Conference of the Victimology Society of Serbia "Victims and contemporary social context: theory, practice, and activism"* held in Belgrade, Serbia during 22nd and 23rd November 2012.
- Coordinator – Meetings and Election Section, Manonmaniam Sundaranar University, November 2012 – Present.

16. Internal resources generated and facilities created

Department of Statistics:

- Two Laptops and Three Desktop Computer Systems, One Color Inkjet Printer, Two Class Paneled 4 Door Book Case and Ten SF StandRed350: 12v/100Ah Tubular Batteries are purchased for the academic year 2012-13 by the Department of Statistics for Internal resources.

Department of Geo- Technology:

Available Infrastructure created through Prof. N. Chandrasekar,

Project.

S.No	Equipments
1	Magnetometer PM 600 and Susceptibility meter
2	Resistivity Meter DDR3 with accessories – 2 Nos
3	Digital Seismography 24 bits recorder with vertical component broad band sensor – Model CMG-EDU-V
4	Solar Photovoltaic Hybrid power system
5	Ro Tap Sieve Shaker
6	ASTM Sieve Meshes 5 -270 (22Nos.)
7	Hand Auger
8	Helly Smith Sampler
9	Theodolite
10	Ore Microscope with Camera indigenous
11	Global Positioning System (Hand Held System)
12	Trimble Recon (with Softwares)
13	Current Velocity Meter
14	Computers P IV with 19 inches TFT monitor (Higher end)
15	Computers P IV with 17 inches TFT monitor (Higher end)
16	Computers P IV with 17 inches monitor (Higher end)
17	Computers P IV with 19 inches monitor
18	Computers P IV with 15 inches monitor
19	Computers P IV with 17 inches monitor with Inkjet printer
20	A 4 Scanner

21	Electronic Balance (0.0001 readability)'
22	pH Meter
23	Salinometer
24	HPLC Shimadzu preparatory cum analytical with web
25	Vertical Laminar Flow Bench (HEPA Filter)
26	Co2 Incubator
27	Low Temperature Freezer
28	BOD Incubator
29	Phase Contrast Microscope With camera C-7070
30	Refrigerator
31	Millipore filtration
32	Revolutionary Table top research cooling Centrifuge
33	Universal oven with natural air circulation
34	Cryocan transport 10 liters storage capacity 20.5 litres storage capacity
35	ERDAS – Licensed Version
36	Geomedia Full module
37	Envi Software
38	ARC view
39	Dumpy level with stand
40	Flame Photometer
41	Analytical Balance
42	Atomic Absorption Spectrophotometer'
43	Water level Indicator with CM – 100m
44	Digital UV-VIS Spectrophotometer
45	HCL-INTEL CORE13-450 and HCL-INTEL CORE15
46	Research Grade Meter with Calibration check pH/ORP/ISE
47	Trimble M3 (5") Total Station
48	Soil Teat Kit. Model 1160
49	G-856 AX Magnetometer

Department of Communication:

Department building is sponsored by industrial collaboration with 'Dinamalar'. As part of the CSR activity of Dinamalar, a leading Tamil Daily, they had contributed towards the development of a media institution. Dr.R.Krishnamurthy, Editor - *Dinamalar* donated *Ramasubbaiyer Krishnamurthy Media Block* in an area of 10,000 Sq.ft at the cost of Rs 60.00 lakhs. The acoustically treated studio complex houses three sound proof cubicles for audio recording; a multi-camera setup for online transmission with live editing facility, fully controllable lighting at the high roof of the studio and fully air-conditioned studio with cool lights for a full fledged studio production. The post production facility in the studio has nonlinear edit suite with graphics work station complete with titling and special effects generation. **In addition, further extension of the building was sanctioned in the year 2013** and the work is in process.

Department of Tamil

Cultural Museum is developed.

Department of Mathematics

Computer lab has been created to improve the computer skill of the students of the Mathematics Department. In addition to this Xerox Machines, Printers are also provided for the welfare of the students of the Department of Mathematics.

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

S.No	UGC- Special Assistance Programme (SAP)	Amount Received July 2012-June 2013
1	Dept. of Computer Science & Engg.,	19,00,000
2	Dept. of Sociology	14,80,000
3	Centre for Marine Science & Technology	48,70,000
4	Dept. of Physics	1,92,506
5	Dept. of Statistics	3,39,564
6	Dept. of Mathematics	0
7	Dept. of Communication	0

Department of Statistics:

- The Department of Statistics has been awarded a grant of Rs.36.00 lakhs + One Project Fellow by University Grants Commission, New Delhi under SAP (DRS-I) for strengthening of infrastructure, under the scheme of improving Basic Scientific research in Special Assistance Programme (SAP).
- The Department of Statistics has been awarded a grant of Rs.40.00 lakhs by University Grants Commission, New Delhi under the scheme of Fund for Improving the Basic Scientific Research in Universities to DRS Departments in Sciences, Bio-Sciences, Agricultural Sciences and Engineering Sciences for strengthening of infrastructure in terms of power supply, water supply, safety equipments, laboratory working tables and infrastructure required for including the component of research at P.G. level.
- Approved and sanctioned with a grant of Rs.43.00 lakhs + TWO Assistant Professors for conducting M.Sc. (Statistics and Information Technology) degree course under UGC Innovative Programme – Teaching & Research in Interdisciplinary & Emerging Areas with Centre for Information Technology and Engineering as the nodal department Dr. K. Senthamarai Kannan, Professor, Department of Statistics as the Course Co-ordinator.
- The Department of Statistics has been Awarded TWENTY Research Fellowships by University Grants Commission, New Delhi for meritorious students pursuing Ph.D., degree in Statistics in the Department of Statistics under the scheme of “UGC BSR Research Fellowship in Sciences, Bio-Sciences, Agricultural Sciences, Medical Sciences and Engineering Sciences” to SAP-Science Departments in Universities.

Department of Chemistry

FIST Level I Phase II was sanctioned in May 2013 and an amount of Rs.1.03 crore was allotted.

Department of SPKCES:

Assistance: Title NON-SAP (Coordinator). Agency: UGC, New Delhi. Period : 2012-13. Amopunt : Rs.10 lakhs.

Department of Geo-Technology

The Centre has generated the revenue grant nearly Rs.5.00 Crore from extramural research projects. Now the centre is elevated to FIST sponsored Department of DST and got a fund Rs.84,00,000/- for development of infrastructure (SR/FST/ESI-001 /2011).

Thereby the centre has reached a level of maturity to enable their facilities for potential entrepreneurs.

Department of Communication

Sl. No.	Name of the Scholar	Fellowship (JRF/SRF/PDF/RA)	Date of Joining	Sponsoring Agency
1.	M. Maani Mabel	Project Fellow	03.12.2007	UGC-SAP (DRS-I)
2.	M. Kalavathy	Project Fellow	03.12.2007	UGC-SAP (DRS-I)

Department of Computer Science

Sl.No	Name of the programme	Year	Amount	Installment
1.	SAP	2011	Rs.40,00,000	First
2.	FIST	2013	Rs.39,00,000	First
3.	TEQIP	2012-14	Rs.2,00,00,000	First
Total			Rs.2,79,00,000	First

Department of Mathematics

Sl.No.	Assistance	Amount
1	UGC-SAP (DRS-II)	Rs.57 lakhs for 2013-14
2	Govt. of Tamil Nadu	2.5 crores
3	NBHM	4.1 lakhs

18. Community services and Extension Programmes & Outreach Programmes

The Department of Sociology organized an Outreach Programme for creating awareness on “ Women’s Rights and Protection” by distributing pamphlets and enacting a street play on 8th March 2013 in a village in the eve of International Women’s Day, in collaboration with the Department of Communication, Manonmaniam Sundaranar University.

Dr.M.Ramakrishnan

Delivered keynote address in 12th Tamil Nadu Science Congress at Periyar University, Salem on 24th August 2012.

Dr. N. Kannan

Delivered keynote address in a Seminar on “Violence against Women” at S.T.Hindu College, Nagercoil on 11th March 2013.

Department of Management Studies

- **10 Short term course on topics like:**

1. Spoken English
 2. Personality Development
 3. Office Management
 4. Photography
 5. Fashion Technology
 6. Travel and Tourism Management
 7. Instruments music
 8. Tailoring and Dress Making at Colleges was conducted.
- 4 – one day workshop on Entrepreneurial Opportunities at University Departments.

Department of Chemistry

2012-2013 – Educational tour to M.K. University- March 2012

Department of History

Tirunelveli Corporation Slum Survey Remedial classes were taken to the students.

Department of Communication

1. Extension program on International Women’s Day on 8th March 2013 program of the Department of Communication in collaboration with the Department of Sociology of our university. Ten thousand educational pamphlets on prevention of violence against women and children were distributed to the public on the day through the students.
2. Village Extension program in commemoration of the International Women’s Day on 12th March 2013 of the Department of Communication in collaboration with the Department of Sociology of our university. In nearby village Abishekapatti the students gave an awareness program on Women’s Rights through street plays, songs and speeches.

Department of Mathematics

Department is continuously organizing Quiz Programme for the students of affiliated colleges of Manonmaniam Sundaranar University.

19. Teachers and officers newly recruited :

- ▶ Mr. K. Selvam and Ms.C. Josephine Gladys were appointed as , temporary Lecturers in the Department of English for the period 31.08.2012 to 30.04.2013.
- ▶ Dr. B. Maria John, Professor and Head, has been appointed as a Member Syndicate, Manonmaniam Sundaranar University, Tirunelveli.
- ▶ Dr.B. Maria John, Professor and Head, has been appointed as Campus Development Officer, Manonmaniam Sundaranar University, Tirunelveli for the period of three years.

20. Teaching-Non-Teaching staff ratio

Number of Teaching Staff = 145
Number of Non- teaching Staff= 284
Teaching : Non-Teaching = 1:2

21. Improvements in the library services

University Library:

Procured books published on identified thrust areas. Infrastructure facilities have been created by procuring book racks, additional furniture items such as conference table, student chairs.

Two workshops were organized. One is to create an awareness among Research scholars on the importance and application of statistical tools and the other is on DSpace , an ideal software for different types of libraries for building open institutional repositories.. National Workshop on “Research Data Analysis with SPSS Packages” was organized on 27th and 28th February 2013. Workshop on “Design and Development of Digital Libraries using DSpace” was jointly organized with the Curriculum Development Cell on 11th to 13th March 2013.

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 in and around the University Library.

	July 2012 to June 2013	
	No. of Users	Books Issue/Return
July	3817	5966
August	5036	6523
September	4821	6934
October	5567	8495
November	4755	9216
December	4727	4389
January	4801	8754
February	6618	10313
March	4659	8451
April	5638	10446
May	2441	2788
Total	52880	82275

E-Resources Downloaded from Manonmaniam Sundaranar University

Usage Period	Number of Records Downloaded
July 2012 - June 2013	97,485

Department of History:

Infrastructure facilities have been created in Department library by procuring book racks.

Department of Hindi

Dr. Paraswaran from Tiruvananthapuram, Kerala donated books and they are kept in the Department.

Department of Physics

A Library Automation software has been purchased and installed in the Departmental library for the purpose of classification, coding, assigning Accession numbers, monitoring, distribution etc.,

22. New books / journals subscribed and their value

Details of Books purchased

S.No	Name of the Department	No. of Books	Amount (in lakhs)
1.	Department of management Studies	174	1
2.	Department of Bio-Technology	51	1

3.	Department of Pharmaceutical Chemistry	97	1
4.	Department of Physics	53	1
5.	Department of Chemistry	10	1
6.	Center for Information Technology and Engineering	30	0.32
7.	Sri Paramakalyani Center for Environmental Science	150	4
8.	Department of communication	375	1
9.	Department of Computer Science	269	2
10.	Department of Mathematics	137	3
11.	University Library	8,598	20.84665

Details of Journals purchased

S.No	Name of the Department	No. of Journals	Amount (in lakhs)
1	Department of Mathematics	23	5.3
2	Department of Pharmaceutical Chemistry	12	1
3	Sri Paramakalyani Center for Environmental Science	15	1
4.	Department of Computer Science	2	1
5.	University Library	129	7.84241

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

Centralized student's feedback is got every academic year and the teachers are intimated of their performances. Apart from this teachers also get individual feedbacks to improve themselves further.

24. Feedback from stakeholders (Alumini, PTA)

The alumini of the department of mathematics are well placed in IIT's, Engineering Colleges and other Research Institutions.

25. Unit cost of education

Expenditures:

1.Salary to Staff	Rs. 27,03,83,183
2. Expenditure for Conducting Examinations	Rs. 2,25,40,076
3. Common Services & General Charges	Rs. 11,19,12,339
4. Capital Expenditure for Departments &Others	Rs. 11,35,79,354
5. M.S.University Constituent College,Sathankulam	Rs. 35,74,174

**Total Expenditure during 2012-13
(including Salary) Rs. 52,19,89,126**

**Total Expenditure during 2012-13
(excluding Salary) Rs. 25,16,05,943**

Total No. of Students 80,009

Unit Cost of Education (Inclusive of Total Salary) = $\frac{521989126}{80009}$
= Rs. 6524.13

Unit Cost of Education (Exclusive of Total Salary) = $\frac{251605943}{80009}$
= Rs.3144.72

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. Steps are taken to print photos of the candidates in the degree Certificates.

[

27 . Increase in the infrastructural facilities :

Department of Communication

Computers, server, UPS and required software are available in the department. Various equipments are available in the lab to perform laboratory based work. The infrastructure of the department is supported with SMART class room, LCD projector, OHP etc., Internet facilities are also available. A Satellite Library of the AMIC, Singapore is established by signing a MoU with our university. This has resulted in their resources being stacked in our premises for active use. By this agreement, a copy of all their publications is sent to us for reference

28. Technology up gradation

University Library:

Introduce Wi-Fi connection in and around the Library campus. By that 200 students can access the Internet at a time. We purchased two Servers and 25 systems with three UPS. 48 closed circuit televisions (CCTV) are fixed in the University Library.

Department of Biotechnology

Molecular and cell biology & Bioinformatics laboratory has been established. The three viewer microscope, Dissection fluorescent microscope and fluorescent microscopes have been instated for the research and teaching purposes in the department of Biotechnology.

The Department of Statistics has,

- 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.
- Six Statistical Software SAS, SPSS, SYSTAT, S-PLUS, STATA and MATHEMATICA in the Department Computer Laboratories.
- Department Library with 1120 Books, 3 Dailies, One Weekly and 6 Statistical Software.
- Teaching through educational kit models, internet and power point presentation introduced.

Department of CITE:

All Computers have been loaded with IDL Image Processing Software.

Department of History :

Smart Classrooms, filled with interactive Boards, LCD, Lap top, Inventor and Ro Plant facilities have been provided.

Department of Geo-Technology

Indian Space Research Organisation, Department of Space, Government of India has identified the centre for Off-Campus Outreach Certificate Programme.

Department of Communication

Sl. No.	Details	Nos.	Remarks
1	Laptop	2	
2	Bar Code Scanner	1	
3	Bar Code Lable Printer	1	
4	Ladder	1	
5	Drilling Machine	1	
6	Mini HD Video Camera and Accessories	1	
7	Zoom Lens for Canon 5D	1	
8	Tripod	1	
9	Split AC (1.5 Ton)	2	
10	Split AC (2 Ton)	1	
11	Projection Screen	1	
12	Aluminum Partion	1	
13	Professional Digital Audio Voice Recorder	2	
14	UPS Batteries	8	

15	Fans	2	
16	Smart Phone	1	

Department of Tamil

Internet connections are provided to all faculties and two common nodes are provided for students.

29. Computer and Internet Access and Training to Teachers , Non-Teaching Staff and Students

- ▶ Internet Centre provides internet access to all the faculty members in each department of this university. It also has given internet connectivity to all the administrative section of this University. A student Internet Centre is functioning in the University for students of the University.
- ▶ Each class of Department of Biotechnology has internet and Inffinet facility.
- ▶ A team from University Library visits each and every department to conduct orientation about downloading the e-resources of INFLIBNET and other resources.
- ▶ Workshop on Applications of SAS Software was organized during February 25-27, 2013.
- ▶ Statistical Software Packages: Workshop for Beginners in Research was organized during March 13-15, 2013.

30. Financial aid to students

Department of Chemistry

For Scholars :

- DST fellowship support – Three Scholars.
- UGC fellowship support – Three Scholars.

For PG students

1. M.S. University merit scholarship
2. TN Govt. community based scholarship/loans Beedi scholarship, Uzhavar attai scholarship

31. Activities and support from the Alumni Association

Alumni Association meetings are conducted once in a year. Alumni are in good contact with the departments and are in support of placements and internship opportunities for the current students.

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

At present one Health centre (First Aid) is functioning in this M.S. University Tirunelveli-12 with a Doctor and a staff Nurse. This University is situated in a rural area and nearby there are no private or Government Hospitals. The Medical college Hospitals and some major hospitals are at Palayamkottai. The distance between this university and Palayamkottai is about 18 km. One can reach that place by half-an-hour because, there are old house and markets, temples and hectic traffic to reach the major hospitals and Government hospitals with adequate staffs and other infrastructures.

In the university there are more than 2000 persons including students, teaching faculties and Administrative staffs. Both Gent's hostel and Women's hostel are in this university campus. For any emergencies and other ailments we have to provide proper medical aid. Qualified persons are appointed in this hospital, as per the National Health Policy stated.

The facilities available in this Health center:

Sufficient furniture's are provided including patient cot, important surgical instruments etc. Other instruments like B.P apparatus, Glucometer, infrared lamps and oxygen cylinder are being used. Sufficient financial sanctions are made for purchasing medicines. Student with all type of diseases are properly treated for free of cost. Three cots are available and if necessary the patients are admitted and render suitable treatment.

Future expansion:

The construction of the patients ward was started and it will be completed within three months. We have already given one proposal for setting up Laboratory for blood analysis and other examinations. In this proposal we have requested one ECG Machine. After construction of inpatient ward one physiotherapy unit will be provided with qualified person. Other medical staffs are also requested to the University authorities.

34. Performance in sports activities

Our students have taken part in several sports activities.

35. Incentives to outstanding sportspersons

They are given separate quota in admissions to the courses they wish to join.

36. Student achievements and awards

Activities of NSS

S.No	PROGRAMME	PERIOD
1	University Level Pre-RD Parade Preliminary Selection held at Anna Stadium, Palayamkottai. 4 NSS Volunteers from different Colleges have been selected to represent our University in the Pre-RD Parade Camp during 28 th September to 7 th October 2012 at NSS Bhavan, Banglore.	10-09-2012
2	One day Dental Camp was jointly organized by the NSS Cell of Manonmaniam Sundaranar University and Charley Dental Hospital, Tirunelveli at University Campus.	18-11-2012
3	Voter's Awareness Rally was jointly organized by the NSS Cell and NSS Units of Manonmaniam Sundaranar University, Abishekapatti.	24-01-2013
4	One day Programme Officers Meeting was organized by NSS Cell of Manonmaniam Sundaranar University at University Campus.	15-02-2013
5	Tree Plantation Programme was jointly organized by the NSS Cell and NSS Units of Manonmaniam Sundaranar University at University Campus.	24-02-2013
6	One day Workshop on Consumer Awareness for the NSS Volunteers was jointly organized by NSS Units of Manonmaniam Sundaranar University at University Campus.	15-03-2013

1. **Special Camping Coverage** : Achievements : 86

Male: 1590 Female: 2710 Total: 4300

2. **Plantation of Samplings:**

No. of Saplings Planted : 11560

Volunteers involved :

Male: 4560

Female: 7000

Total: 11560

3. **Blood Donation:**

No. of Blood Donation Camps : 164

No.of Donors - Male: 4800

Female: 5090

Total: 9860

4. **Pulse-Polio Immunization :**

No. of Immunization Drives: 5

No. of Children Immunized: 7800

Volunteers Involved – Male: 650

Female: 910

Total: 1560

Department of Statistics:

- Mr. S. Suresh, Ph.D., Research Scholar was awarded INSPIRE Senior Fellowship by the Department of Science and Technology for his Ph.D. degree programme in Statistics with a grant of Rs.2,50,400/- for Research Fellowship and Contingency grant of Rs.20,000/- per annum.
- Mr. A. Jawahar Farook, Ph.D., Research Scholar was awarded INSPIRE Junior Fellowship by the Department of Science and Technology for his Ph.D. degree programme in Statistics.
- Ms. K. Shalini, Ph.D., Research Scholar was awarded Senior Research Fellowship by University Grants Commissions for her Ph.D. degree programme in Statistics with a grant of Rs.4,34,000/- for Research Fellowship and Contingency grant of Rs.25,000/- per annum.

- Ms. N. Kavitha, Ph.D., Research Scholar was awarded Junior Research Fellowship by University Grants Commissions for his Ph.D. degree programme in Statistics with a grant of Rs.4,34,000/- for Research Fellowship and Contingency grant of Rs.25,000/- per annum.
- Two Research Scholars (Ms. S. Kalaiselvi and Mr. S. Selvakumar) were awarded Rajiv Gandhi National Senior Research Fellowships for their Ph.D. degree programme in Statistics.
- Three Research Scholars (Mr. E. Sakthivel, Ms. V. Anithakumari and Mr. K. Manoj) were awarded in the Rajiv Gandhi National Junior Research Fellowships for their Ph.D. degree programme in Statistics.
- Ms. M. Saral, Ph.D., Research Scholar was awarded Mowlana Azad Research Fellowship for her Ph.D. degree programme in Statistics.
- Two Students (Mr. R. Jeromia Muthuraj and Mr. A. Mohamed Ashik) of II M.Sc., participated in the one-week training programme on “Official Statistics” held during 21st – 25th January, 2013 at National Academy of Statistical Administration (NASA), Ministry of Statistics & Programme Implementation.

Department of Chemistry

INSA Summer fellowship – M. Divya – May 2012 to June 2012

Department of CITE

Overall Champions in Cultural and Sports activities of MSU

Department of SPKCES

Name of the Faculty	Student Name	Achievements	Duration
Dr. S. Senthil-Nathan	Mr.A.Ponsankar	DST-JRF	2012-15
	Ms.S. Selin Rani	DST-Inspire Fellow	2012-17

Department of History:

2 Students passed in SET Exam.

Department of Geo-Technology

All our Post graduate students have scored distinction in all the subjects of the university examinations. Our Students have placed in different sectors based on their qualifications. The post graduate Students of Geophysics have been appointed in Indomar Coastal Hydraulics, Chennai which has good reputation.

The students were assigned to carryout offshore geophysical investigations in India and abroad. Our students to have earned good accreditation from their training institutes during their project work.

Department of Mathematics

Quiz Competitions	Name of the Edu./Other Institution conducted Quiz Competitions	2012-13
	St. Xavier's College	Second Prize
	St. Mary's College	First Prize
	Bharathidasan University	-

37. Activities of the Guidance and Counseling unit

S.No	Activities Performed	Date & Reason	Participants
1.	150 th Birth Anniversary of Swami Vivekananda	23.04.2013 "Social Role of Youth in the Knowledge Era: Lessons from Swami Vivekananda"	Centre for Study of Social Exclusion and Inclusive Policy (CSSE & IP) Department Students
2.	HDS India Limited	11.05.13 Job fair for 100 Vacancies	Students of Affiliated Colleges

Department of Mathematics

Students are given special coaching classes for NET/SET exams. Students are divided into groups and are allocated to staff members. The concerned faculty member gives essential counseling.

38. Placement services provided to students

S.No	Name of the Course	Year	Name of the Student	Passed / Selected
1	TNPSC Batch - X	2012-2013	G. Muthulaksmi	VAO

The Department has placed the students for their IV semester Project-cum training through collaboration with top Pharmaceutical Industries during 2012-2013.

Sl.No.	Name of the Candidate	Company Name and Address
1.	KAVITHA RAMALAKSHMI S.	THE MADRAS PHARMACEUTICALS Karappakkam, Chennai-600 096.
2.	UMA MAGESWARI M.	
3.	MUTHULAKSHMI C.	SAIMIRRA INNOPHARM PVT. LTD., Ambattur, Chennai – 600 098.
4.	MUTHULAKSHMI V.	
5.	LINGASELVI R.	SURIEN PHARMACEUTICALS (P) LTD. Kovur, Chennai - 602 101
6.	YOGALAKSHMI K.	
7.	SAI KESAVAN M.	CAPLIN POINT LABORATORIES LTD. Kommudipondi, Chennai - 601 201.

Department of Geo – Technology

a) In Public Sector:

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 Corporatoin	Assistant Manager (Geophysics)	Once in 3 year or 4 year
5	Coal India Limited Neyveli Lignite, Corporation	Junior Geophysist	Every year
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	Indian 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,Bhunaswar	Scientist – B Desirable Geophysics	Every year
14	PRL, DST,ISRO,Railway	Scientist – B Desirable Geophysics	Every year

b) In Private Sector:

S.No	Organisation	Possession	Year
1	L and Mining	Geophysist	Every year
2	TATA Birla	Geophysist	Every year
3	Reliance	Geophysist	Every year
4	Geostar	Geophysist	Every year
5	INDOMER	Geophysist	Every year
6	Geomarine Technologies	Geophysist	Every year

► **Earth Science Knowledge Mission**

In consonance with the founding principles Centre for Geo-Technology will continue to generate analyse, and assimilate earth science related information as required by the state Tamil Nadu to attain livelihood and environmental security, to broaden knowledge base and to enhance quality of life. This centre endeavor will integrate itself with the knowledge mission for the purpose it was started. During this process, it shall rise to the status of a Centre of Excellence.

► **Understanding Earth Systems and their Dynamics**

This institute is located in the vicinity of the Achankovil shear zone fault zone. Further, the most part of the region is now experiencing mild tremors and flow eruptions. So the Centre for GeoTechnology will take part in national and international efforts to understand the geodynamic history of the region through detailed geo investigation and understanding of the surface processes of land, coastal and marine including origin and development of the Indian sub continent so.

► **Enhancing the resource frontiers and raising productivity**

Natural resource potential of Tamil Nadu is yet to be fully explored. The centre for Geo-Technology will take up an appropriate programme to enhance the natural resource management and productivity of land and water and also broaden the horizon of carrying capacity.

Department of Communication

Students were recruited through Campus Interview by Dinamalar and SUN TV. Students are placed in leading Media Industries such as SunTV, Raj TV, JAYA TV, Vijay TV, Zee Tamil, Dinamalar, Dinathanthi, Dinakaran, Kumudam etc.,

Department of Mathematics

All our students are well placed immediately after completing M.Sc./M.Phil. They secure jobs in banks, Schools, Engineering colleges and Arts and Science colleges.

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.

40. Good practices of the institution:

- ▶ Celebration of all festivals by all students irrespective of the race, religion & caste.
- ▶ Good practices of the Department of Biotechnology is operating the laboratory for 24 hours in a day.
- ▶ Fun day is being organized every year by the department of biotechnology to offer opportunity for augmenting the interaction with students, teaching and nonteaching faculty members.
- ▶ Career counseling is provided.
- ▶ Students are encouraged for Summer fellowships, UGC – CSIR – NET
- ▶ Students are encouraged to maintain Garden in front of the Department.
- ▶ Education tour with industrial visit conducted every year.
- ▶ In the Department of Communication, Karisal Thirai Vizha – annual state level inter-collegiate cultural event was organized by the initiatives of students of this department.
- ▶ Students have got an opportunity to receive incentive under 'earn while you learn' 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.

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

Dr. S. Sudhakar, Department of Bio-Technology

1. Member of stem research around of NIH (National Institute Health), USA
2. Secretary of animal ethical committee
3. Reviewer of African Biotechnology journal
4. Reviewer of Current Science, India

Dr. E. Subramanian, Department of Chemistry

Linkage developed for collaborative research work on Solar Energy Conversion and H₂ production, Chemistry department - Warsaw University, Poland

Dr. K. Swarnalatha, Department of Chemistry

Developed Collaborative research work on molecular architectures for Hydrogen production and artificial photosynthetic reaction centres with Health and Biological Sciences department, Linneaus University, Sweden.

Department of Hindi

Dr. A. Bhawaani – Panel member in Funding Body in the Rajbhasha Session UGC – New Delhi (For the development of Rajbhasha Department in Universities)

Department of Education

Associated with KAAS (Kanyakumari Association of Arts and Sciences) for disseminating the research findings through Conferences and subsequent proceedings.

Department of SPKCES:

Dr.A.G.Murugesan developed link with Defense Research Development Organization.

Department of Geo – Technology:

Linkages are developed with the following:

1. Department of Archaeology, University of Southampton, UK.
2. Centre for Disaster Management, PRIST University, Thanjavur.
3. Department of Earth and Environmental Sciences, University of Sabaragamuwa, Sri Lanka.
4. INDOMER Coastal Hydraulics Pvt. Ltd., Chennai.
5. Central Mining Research Institute, Dhanbad.
6. Oklahoma State University, Oklahoma.
7. University of Hawaii, Honolulu.
8. University of Malaysia Sabha, Malaysia.
9. National Geophysical Research Institute, Hyderabad.
10. National Institute of Oceanography, Goa.
11. Indian Institute of Geomagnetism, Mumbai & Tirunelveli.
12. Institute of Seismological Research, Gandhi Nagar.
13. INCOIS, Hyderabad.
14. Indian Institute of Science, Bangalore.
15. Helsinki University, Finland.
16. Oil and Natural Gas Limited.

Department of Communication

Membership in the International Association of Media and Communication Researchers (IAMCR) by faculty and participation in its annual conferences.

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

- Proposals were sent to build Quarters for Higher Officials .
- More infrastructural facilities are made by laying foundations for constructing more buildings.
- More tie-up's were with industries.
- Steps are taken to send results of individual students of University departments and affiliated Colleges through SMS as soon as the results are published.
- Office automation is implemented partially in the Administrative Office so that paper consumption is reduced.

43. Any Other Relevant Information

- ▶ **Free** Coaching for UGC NET Programme is given in the Department of Mathematics after Class hours for 3 days a week.
- ▶ As per the G.O.No.80 dated. 28-05-2012, the Tamil Nadu Government has upscaled the Department of Mathematics of Manonmaniam Sundaranar University as a PG Centre with High Tech Laboratory at an expenditure of 2.5 crores. The Department of Mathematics has been sanctioned Rs.57 lakhs under UGC-SAP (DRS-II) for the five year 2013-2018.

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

- Foundation was laid to construct new buildings.
- Many trees are planted . Students are prohibited from using plastic papers and plates so as to make the Campus eco – friendly.
- More MoUs are signed with National and International organizations to launch satellite courses which generate employment opportunity .

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 combine Departments and form Schools with 2 or more Departments.


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.