



UNIVERSITY OF MADRAS

**Internal Quality Assurance Cell (IQAC)
Chepauk, Chennai 600 005**

Annual Quality Assurance Report (AQAR)

Academic Year 2010-11



Submitted to

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)

BANGALORE

UNIVERSITY OF MADRAS

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UNIVERSITY OF MADRAS
Internal Quality Assurance Cell (IQAC)
Advisory Committee
Academic Year 2010 - 2011

CHAIRPERSON	Col. Dr. G. Thiruvassagam Vice Chancellor
EX-OFFICIO ADMINISTRATIVE OFFICER	Dr. P. SARAVANAN (31-12-2009 To 07-06-2011) Dr. T. LEO ALEXANDER(Registrar In-Charge from 08-06-2011) Registrar i/c
MEMBER SECRETARY	Prof. P.Ramamurthy DIRECTOR – IQAC Professor, National Centre for Ultrafast Processes
SENIOR EX-OFFICIO MEMBERS	Prof.M.R.Srinivasan Dean- Academic
	Prof.S.Sriman Narayanan Dean-Research
	Prof.P.T.Srinivasan Director, Planning and Development
	Prof.S.Karunanidhi Special Officer
	Prof.V.Thangaraj Dean-CDC
	Prof.M.Michael Aruldas HOD, Dept of Endocrinology
	Prof. Sriniruddha Dash HOD, Dept. Of Sanskrit
	Prof.D.Kumaran HOD, Dept. Of Education
EXTERNAL EXPERTS	Ms. Sumitra Ghose Head, Learning Innovative & HR, Tata Consultancy Services CII
	Mr S Seethramaiah Chairman & Managing Director, Susira Group of Industries. INDUSTRY
	Mr B Nirmal Exnora International LOCAL COMMUNITY

Section – A

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year

- Planned to introduce smart card system for student, faculty and administrative staff and achieved.
- Planned to constitute the new IQAC cell and achieved.
- Planned to enhance the library infrastructure and achieved.
- Planned to enhance the scholarships and achieved.
- Planned to initiate new academic programmes and achieved.
- Planned to involve students in the social activities and achieved.
- Planned to improve the network infrastructure and partially achieved.

Section – B

1. Activities reflecting the goals and objectives of the Institution:

Goal: To elaborate the education quality at higher level

Objectives:

- To provide quality education to disadvantaged people
- To sharpen the skills and character of the citizens
- To foster development of society at national level
- To modify the curriculum of various teaching programmes as per the necessity
- To coach students for the various competitive exams such as NET, SLET, GATE, UPSC by offering special classes.

2. New academic programmes initiated : 25

Details:

Sl. No.	Degree	Name of the Programme
1.	M.Com	International Business and Finance in lieu of M.Com Trade & Services
2.	M.Sc.	Nanoscience & Nanotechnology in lieu of M.Sc./M.Tech. Nanoscience & Nanotechnology
3.		Laboratory Technology (Medical) (Self-supportive)
4.		Energy and Materials Science
5.		Environmental Toxicology
6.	M.A.	Divyaprabandham
7.	M.Phil.	Commerce
8.		Neruo and Nanotoxicology
9.		Islamic Studies
10.	P.G. Diploma	Counseling Psychology
11.		Organizational Development and Management of Change
12.		Ambedkar Thoughts
13.		Digital Library Management
14.		Technical Writing
15.		Manuscriptology and Editing
16.		Folkloristic and Mass Media
17.		Inscription and Culture
18.		Functional Hindi and Translation
19.		Christian Spirituality and Counseling
20.	Diploma	Hindi
21.		Laboratory Technology (Self-supportive)
22.		Hospitality Management (Self-supportive)
23.		Skin Care and Beauty Therapy (Self-supportive)
24.	Certificate	Women's Studies
25.		Functional English and Public Speaking

3. Innovations in curricular design and transaction :

- The syllabi of all the programmes have been reorganized in various departments. The choice based credit system (CBCS) for all the PG courses has been highlighted by continuous internal evaluation which qualifies the students to face challenges in the new millennium.
- Rigorous Internship training within the institution and industries has been provided to the students as per the job requirement.
- Students are evaluated through various assignments and presentation.
- The choice of elective papers in inter and intra department courses

4. Interdisciplinary programmes started :

5. Examination reforms implemented :

6. Candidates qualified : NET/SLET/GATE etc. : 90

7. Initiative towards faculty development programme :

- University of Madras has conducted 5 Orientation and 15 Refresher courses during this academic year 2010-2011 in different disciplines with a view to enhance the teaching skills and knowledge, promote professional development and career advancement.

Details of the course Conducted

S.No	Course	Male	Female	Total
1	Orientation Course (5)	123	150	273
2	Refresher Course (15)	284	306	590
3	Short term courses / Workshops / Training Programmes	129	147	276
4	Interaction Programmes for Ph.D / Post-Doctoral Research	15	17	32
	Total	551	620	1171

- Through this Faculty development programme, 1171 teacher participants from various colleges / Universities participated in this programmes and updated their skills and knowledge.

8. Total number of Conferences /Seminars/Workshops conducted/organized : 100

9. Research projects :

(a) On going :

No. of Projects : 69

Total outlay : 21,70,73,973

(b) Completed :

No. of Projects : 128

Total outlay : 21,19,28,256

10. Patents Generated :

2 Patents

11. New collaborative research programmes:

Research collaborations	Yes	✓	No
National			
If yes, how many?	3		
Overseas	Yes	✓	No
If yes, how many?	7		

12. Research grants received from various agencies :

No. of Projects: 69

Total outlay : 21,70,73,973

13. Details of Research Scholars :

Nature of Registration	On Roll	Newly Registered	Degree Awarded
Full-time/ Part-time	1259	140	172

14. Citation Index of faculty members and Impact factor : 0.233 to 7**15. Honours/ Awards to the faculty :**

1. Dr.S. Armstrong, Associate Professor & HOD i/c, Department of English, University of Madras.	Nominated as a member of the Planning Board of Periyar University, Salem by His-Excellency The Governor of Tamilnadu for a period of three years.
2. Prof. S. Austin Suthanthiraraj, Professor and Head, Department of Energy, University of Madras	Awarded: 1. "Mother Teresa Excellence Award" by the Integrated Council for Socio-Economic Progress-India in June 2010. 2. Marquis Who's Who in the World-28 th Edition, 2011 by Marquis Who's Who, New Jersey, USA in August 2010. 3. Asia's Who's Who of Men & Women of Achievement, Revised Edition, 2010 by Rifacimento International, New Delhi-110 002 in August 2010.

3. Dr.S. Balasubramanian, Assistant Professor, Department of Inorganic Chemistry, University of Madras.	Awarded Common Wealth Academic Fellowship by Commonwealth Fellowship commission to visit Department of Chemistry, Oxford University for Six months from 1 st October 2010 to 31 st March 2011.
4. Dr. Chitra Krishnan, Professor and Head, Department of French, University of Madras.	Conferred the Chevalier Award by the Ambassador of the French Government on 13 th July 2010.
5. Dr.P. Duraisamy Professor and Head, Department of Econometrics, University of Madras.	Invited as Visiting Professor, University of Paris, France during May 2010.
6. Dr.M. Jayaprakash, Assistant Professor, Department of Applied Geology, University of Madras.	Awarded “Boyscast Fellowship 2009-10.”
7. Dr.M. Kandaswamy Professor and Head, Department of Inorganic Chemistry, University of Madras.	1. Received “Tamilnadu Scientist Award 2007” for his contribution in the discipline of Chemical Sciences from Tamilnadu State Council for Science and Technology, Chennai in the month of August 2010. 2. Elected “Fellow of Tamilnadu Academy of Science.”
8. Dr.S. Karunanidhi Prof. & Head, Department of Psychology, University of Madras.	1. Won the Prof. Dipak Bhat Award for the best paper presentation for the paper titled: <i>Development of the Occupational Stress Inventory for Women Police</i> in the International Conference of Indian Academy of Applied Psychology, Visakhapatnam, February 2010. 2. Awarded “P.A.Sharma Memorial Award” for contributing in the field of Applied Psychology and Uplifting the poor children in Education at the 13th National Conference on Best Practices in School Psychology Organized by Pondicherry Psychology Association on 22 & 23 January, 2011.
9. Prof. S.P. Mohan, Professor and Head, Department of Geology, University of Madras.	1. Nominated as the President of the XXII Indian Colloquium on Micropaleontology and Stratigraphy. 2. Elected as the Vice-President of the Paleontological Society of India. 3. Appointed as a member of the Advisory Council of Cauvery Basin of Oil and Natural Gas Corporation Ltd. Chennai.
10. Dr.E. Murugan, Associate Professor, Department of Physical	Awarded “Best Poster Presentation Award” in the International Conference on Nanoscience and Technology, ICONSAT 2010 held at IIT –

Chemistry, University of Madras.	Mumbai.
11. Dr.D. Nedumaran, Assistant Professor, Central Instrumentation Research & Service Laboratory, University of Madras.	<ol style="list-style-type: none"> 1. Awarded “Best Paper Award” in the National Seminar on Frontiers in Nanomaterials and Biosensors (NSFNMB’ 10) held at Alagappa University, Karaikudi in March 2010. 2. Presented a paper entitled “Specke filtering of ultrasound B-san images-A comparative study between spatial and diffusion filters” at IEEE conference on open system (ICOS2010) held in Kulalalumbur, Malaysia from 5th to 7th December 2010.
12. Dr.P. Nisar Ahmed, Prof & Head, Department of Arabic, Persian and Urdu, University of Madras.	<ol style="list-style-type: none"> 1. Awarded “Sri Syed Ahmed Khan Award” for the contribution to Education on the occasion of State Urdu Conference held at RajBhavan, Chennai on 27.09.2010 by His Excellency, the Governor of Tamilnadu. 2. Conferred for “The Best Citizens of India Award 2010” by International Publishing House, New Delhi.
13. Dr.M. Premeela, Chairperson, School of Fine and Performing Arts, Professor & Head, Department of Indian Music, University of Madras.	<p>Awarded:</p> <ol style="list-style-type: none"> 1.“Isai Selvam Award Commemorating 80th Birthday Celebration of Dr. M.L. Vasanthakumari” organized by Sri Sankaradas Kalai Manram, Chennai on 26th April 2010. 2.“Sangeetha Seva Mani Award” conferred by His Holiness Sri Jayendra Saraswathi at Sri Sankara Mutt, Kanchipuram on 8th August 2010.
14. Dr. N. Rajeshwara Rao, Assistant Professor Department of Applied Geology, University of Madras	Nominated as Life Member of Gondwana Geological Society.
15. Dr. (Mrs.). Rama Gopalan, Professor & Head, Department of Pathology, University of Madras.	<ol style="list-style-type: none"> 1. Invited to deliver the Keynote address at the Annual Conference of Tamilnadu & Pondicherry Chapter of Indian Association of Pathologists and Microbiologists held on 13 & 14th August 2010 at JIPMER, Pondicherry. 2. Presented a poster entitled “PTEN, MMP2 and HSP27 in invasive breast carcinomas and their interrelationship” at the XXVIII International congress of the International Academy of Pathology held in Sao Paula, Brazil during October 2010.
16. Prof. R. Raghunathan, Professor, Department of Organic Chemistry,University of Madras.	Awarded ‘Bronze Medal’ by Chemical Research Society of India (CRSI) in the year 2010-11 for contribution to Chemical Research.
17. Dr. R. Thilagaraj,	1. Nominated as a Non Official Member of the

Professor & Head, Department of Criminology, University of Madras.	of Tamilnadu State Legal Services Authority by the Chief Justice of Madras High Court. 2. Awarded “The ISC-Kumarappa-Reckless Award” is presented to a senior person who has made recognition of significant contribution to research, teaching and administration in the field of Criminology and Criminal Justice Administration by the Council of the Indian Society of Criminology on 18 th February 2011.
18. Dr. Siniruddha Dash Professor and Head, Department of Sanskrit, University of Madras	Nominated as a member of the Academic Council of Rashtriya Sanskrit University.
19. Dr. G. Venkataraman, Professor & Head, Department of Indian History, University of Madras	1. Nominated as a Member, Chennai Metropolitan Development Authority-Heritage Conservative Committee appointed by the Government of Tamilnadu for three years. 2. Nominated as a Member, Board of Studies in History, Sri Krishna Devaraya University, Anantapur, Andhara Pradesh for three years from 08.09.10 to 07.09.13. 3. Appointed as Vice-Presidency, Tamil Nadu History Congress.
20. Dr.S. Ananthi, Assistant Professor & Head i/c, Central Instrumentation Research & Service Laboratory, University of Madras.	Awarded “Corps of Electrical and Mechanical Engineer’s Prize” from the Institution of Engineers (India) on December 17th, 2010.
21. Dr.P. Karthe, Associate Professor, Centre of Advanced Study in Crystallography and Biophysics, University of Madras.	Awarded “National Bioscience Award” for Career Development 2010.
22. Dr.K.K. Sharma, Professor and Head, Department of Applied Geology, University of Madras.	Received “Life Fellowship” by Indian Geophysical Union, Hyderabad, on 8.12.2010.

16. **Internal resources generated:** Rs. 85.21 cr.

17. Details of Departments getting SAP,COSIST (ASSIST)/DST-FIST etc. assistance/recognitions :

S. No	Department	Infrastructure	Year	Amount
	SCHOOL OF HISTORICAL STUDIES			
1	Adult and Continuing Education	SAP/FIST/COSIST	2010-2011	15000 00
	SCHOOL OF POLITICAL AND INTERNATIONAL STUDIES			
2	Legal Studies	MHIRD-IPR-Chair		30000 00
	SCHOOL OF ECONOMICS			
3	Economics	UGC - SAP UGC - ASIHSS	2010 - 2011	30,00 0
4	Econometrics	SAP / FIST /COSIST	2005 - 2011	14000 0
	SCHOOL OF INFORMATION AND COMMUNICATION STUDIES			
5	Library & Information Science	SAP	2007-2012	16000 00
6	Ramanujan Institute for Advanced Study in Mathematics	SAP/FIST/COSIST	5 Years	32200 00
	SCHOOL OF EARTH AND ATMOSPHERIC SCIENCES			
7	Department of Applied Geology	SAP/FIST/COSIST	2007-2012	22000 0
8	Department of Geology	UGC/SAP/DSA	2007-2012	56000 00
	SCHOOL OF CHEMICAL SCIENCES			
9	Department of Inorganic Chemistry	DST-FIST	2008-2013	10100 000
10	Department of Organic Chemistry	DST-FIST	2003-2008	18000 0
11	Department of Physical Chemistry	DST-FIST	2010-2011	30000 0
	SCHOOL OF PHYSICAL SCIENCES			
12	Department of CAS in Crystallography & Biophysics	SAP/FIST/COSIST	2007-2012	60000 0
13	Department of Central Instrumentation Research & Service Laboratory	UGC		
	SCHOOL OF LIFE SCIENCES			
14	Department of Biochemistry	SAP/FIST/COSIST	2007-2012	31400 0
15	Department of Biotechnology	SAP/FIST/COSIST	2009-2014	34000 0

16	Centre for Advanced Studies in Botany	SAP/FIST/COSIS T	2009- 2014	12100 00
17	Department of Zoology	SAP/FIST/COSIS T	2007- 2012	51200 0
18	Department of Endocrinology	SAP/FIST/COSIS T	2009- 2014	79329 7
19	Department of Genetics	UGC-SAP	2007- 2012	30984 1
20	Department of Medical Biochemistry	UGC-SAP-DRS- II	2010- 2011	50000 0
21	Department of Pharmacology and Environmental Toxicology	SAP/FIST/COSIS T	2010- 2015	37000 00
			Total	34169 138

18. Community Services :

YEAR	2010-11
NO. OF UNITS	233
NO. OF COLLEGES	103
NO. OF PROGRAMME OFFICERS	233
NUMBER OF NSS VOLUNTEERS	23300

ACTIVITIES IMPLEMENTED IN THE REGULAR PROGRAMMES			
Name of the programme	Colleges involved	Volunteers involved	Number of beneficiaries
Malaria Eradication Camps	40	550	5500 Screened
Blood Donation Camps	80	8000	8000 Units Collected
Eye Camps	70	4500	3000 Screened
General Medical Camps	80	4000	2400 Villagers
Pulse Polio Camps	50	5500	12500 children
AIDS Awareness Programme	95	12000	33000 Persons
Eye Donation Awareness	30	2500	25000
Hospital visits (Regular)	15	300	1500 patients
Traffic Awareness Programme	80	4000	40000
ENVIRONMENTAL PROTECTION PROGRAMMES			
Campus Cleaning	70	7000	45 Campus
Tree Plantation	50	6000	12000 Saplings Planted
Public Place Cleaning and White Washing	15	700	12 Temple 30 Street 12 Schools 10 Buildings 5 White Washing

			Primary and Middle schools 2 Hospitals 15 Busstop
LITERARY PROGRAMMES			
Literary programmes (Both for school drop outs & adults)	25	2500	15000
SPECIAL CAMP PROGRAMME			
No. of colleges conducted the camp	74		
MEGA PROJECT 2010-2011: Kaithariku Kai Koduppom			
This project commenced on the 26 th January 2011 morning 10.00 am and ended at 5.00 pm. Our Vice-Chancellor, Professors and NSS Volunteers were involved in sale of handloom goods and support extended by our student's community to help the needy poor weaver's families. Under this novel project our NSS Volunteers have sold Handloom Products worth of 3,50,00,000/- Rupees Three Crores Fifty Lakhs. Though this project our Volunteers helped to light a candle in the darkened life of the poor weavers.			

19. Teachers and officers newly recruited : Nil

20. Teaching Non-teaching staff ratio : 1:3

21. Improvements in the Library services :

4009 books were added to the Madras University Library (MUL) at Chepauk during the reporting year. The Library has received 89 books from individuals, Institutions- National and International and also from the State and Central Governments as donations. 128 periodicals were subscribed for Main Library and Departments grants and 150 periodicals were received as gratis during the year. 328 members were enrolled during the current year. About 1,89,000 books and journals were consulted by the users of our library. For better use of library collections, the readers are allowed to use OPAC (Online Public Access Catalogue).

- **Resource cell for competitive Examinations (RCE)**
A Resource Cell for Competitive Examinations has been established to cater the needs of the users appearing for various competitive examinations conducted by different organizations and institutions. Under UGC-XI Plan grant study/reading materials for IAS, IPS, NET/SLET and other competitive examinations conducted state and central government were purchased and added to the existing collections
- **Old and Rare collection:**
A closed Access Stack of Books published before 1960 has been organized separately. Books are arranged in classified order and bar-coded.
- **CD Search**
Researchers and PG Students are allowed to do CD search, where they could search Database on CDs like International Dissertation Abstracts and also book accompanying CDs

- **e- Resources**
Access to Digital Library Consortium (DLC) of UGC-Infonet is a boon to researchers and students. About 4500+ full text journals, Nine database and 10000 journals upto abstract level can be accessed by users through 23 publishers. In addition, the library has subscribed to 428 online reference books for the benefit of users, which can be accessed by the members of the Library. This facility has also been extended to the desk top of each faculty. In the Main Library, access to e-Resources is made possible only through NET ID which is provided to all members. About 500 Library Members have availed this service. An average 2000 users per month have accessed e-Resources centre.
- **Digital library (Theses collection)**
A separate section for Theses Collection which include Ph.D, M.Phil and P.G. dissertation has been organized. 3978 researcher scholars benefited by using Theses unit.
- **Training programmes**
User Orientation Programme is regularly conducted for the library users to make them familiar with Network usage, OPAC search, CD search, e-Resources search, etc.
- **Touch Screen Information Facility**
Touch Screen Information facility has been provided in our library to educate the members about library organization, activities and services.
- **SC/ S T Books Bank Scheme**
A separate collection of text books for the benefit of SC/ST students is made available.
- **Earn While You Learn Scheme**
15 students of Chepauk Campus Departments worked as Part-time Library Assistants in Main Library under Earn While Learn Scheme of the UGC Programme on “University with Potential for Excellence”.

Year	Efforts
2007-2008	Digitisation of thesis collections first phase work completed

22. New books/ journals subscribed and their cost :

Year	Books	Cost (A)	Journals	Cost (B)	E. Resources Subscribed*	Total Cost (A+B)
2010-2011	4,009	14,62,265	278	22,35,196	431	36,97,461

STATISTICAL INFORMATION – 2010-2011 - Main Library

1.	Documents Added during 2009-10			
	Books Added			4009
	Purchased		3920	
	Gratis		89	
2.	Periodicals received during the year			278
	Purchased		128	
	Gratis		150	

3.	New Members Enrolment P.G.Students Ph.D scholars M.Phil students Institution Affiliated college	275 19 24 07 03	328
4.	No. of Scholars consulted Thesis Campus students Other institutions	2781 1197	3978
5.	No. of scholars used e-Resources Centre		2000 per month
	No. of e-Resources subscribed		4500+ (Full text journals +10000 abstracts+ 9 databases)
6.	No. of Volumes Consulted		1,89,000

MARAIMALAI CAMPUS LIBRARY - GUINDY

1	Budgetary Provisions (Book & Journals)		Rs.43,16,000
	Madras University Grant	Rs.41,16,000	
	UGC	Rs. 2,00,000	
2	Total number of holdings		105133
3	Total No. of periodicals received during the year		42
	Print - National	16	
	International	22	
	Online-International	4	
	Journal American Journal of Botany Journal of Chemical Education		
	Database J-Gate		
	Book Series Methods in Enzymology		
4	Total No. of additions during the year		1091
	Books	770	
	Journal bound vols.	321	
5	No. of new members enrolled		510
	Ph.D,	58	
	M. Phil.	115	
	PG. Diploma	21	
	M. Sc.	305	
	Industrial, Institutional & Affiliated Colleges	11	
6	No. of Readers who made use of the Library		35221
	Affiliated colleges, institution & industry	665	
7	No. of documents issued		5289

8	No. of documents consulted in - house		107093
	Books & Jl. Back vols.	82174	
	Journal current issues	15518	
	Theses	9401	
9	Special services		
	a) Total No. of users accessed e-resources	375	
	MALIBNET facility		
	a) Total No. of scholars – University of Madras	168	
	b) Other institution Visitors (MALIBNET cards holders)	120	

SEKHIZHAR CAMPUS LIBRARY - TARAMANI

Sl. No	Contents		Total Nos.
1.	Documents Added: Books Books acquired	178	178
2.	Journals subscribed Indian Foreign CD ROM Book accompanied	7 33 6	40 6
3.	Library Holdings Books Back Volumes Current Titles Theses CD ROM	14,473 8,068 40 876 360	
4.	New Members Added Ph.D. M. Phil. M.D. M.Sc. PG Dip. Institutional Membership	66 20 5 157 1 3	252
5.	Library Users Madras University Members Other Colleges/Universities Private Institutions	23,264 1,987 457	25,708
6.	Books borrowed		7,576
7.	In House Use Books Journals Theses CD Search Online Information Zone	19,876 12,763 1,567 1,678 22,674	58,558
8.	Photocopies provided		55,675

PARITHIMAR KALAINAR CAMPUS LIBRARY - MARINA

Library Users and New Members:

1. Number of readers who made use of the Library	-	25,550
2. Number of books consulted	-	47,900
3. Number of books borrowed on loan	-	10,200
4. Number of new books added	-	3,000
5. Number of new members added	-	210

Earn While You Learn Scheme:

21 Post Graduate students of this Campus worked as part – time Library Assistants in the Marina Campus Library under Earn While Learn Scheme of the UGC Programme on “University with Potential for Excellence”.

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

All the Heads of the University Departments are instructed to obtain Filled-in Students Feedback forms for all PG courses on each teacher separately. Based on the students’ information, the scores are arrived department wise as well as on the entire University. The scores obtained by individual teachers are informed to them after due approval of the Syndicate

24. Feedback from stakeholders

Feedback forms obtained from the stakeholders (students) were kept on record.

25. Unit cost of education : (in thousands)

including salary	Rs.339
excluding salary	Rs.191

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

The process of administration is generally done by the respective departments using the technology awareness and the mark list received. Generally the computerisation of administration is being carried out in the processes of admissions by the respective departments through their departmental committees. The CBCS section using the hardcopy/softcopy of the admission detail will be further processed and got necessary approval from the authorities for onward information to the HODs concerned.

The entire process of examination results are undertaken by the CRPS Cell through computer programmes and the printing of Mark Statements, Consolidated Mark Statement, Provisional Certificate and Degree Certificate are carried by the CRPS cell using the data available with them. The CRPS Cell is equipped with the required programmers, technicians and System Analyst etc. to carry out the works through computers.

27. Increase in the infrastructural facilities : (Dept)

Sl. no	Department	2010-11
	SCHOOL OF SOCIAL SCIENCES	
1	Adult and Continuing Education	Smartboard LCD
2	Department of Education	2 desktop computers and laser printer -1
	SCHOOL OF TAMIL AND OTHER DRAVIDIAN LANGUAGES	
3	Department of Tamil Literature & Culture	Nil
	SCHOOL OF MATHEMATICS, STATISTICS AND COMPUTER SCIENCE	
4	Department of Computer Science	Nil
	SCHOOL OF LIFE SCIENCES	
5	Department of Medical Biochemistry	Purchased Stereotactic instrument, radial arm maze, Roarod apparatus
6	Department of Microbiology	Refrigerated centrifuge, spinwin, maxi submarine gel electrophoresis, HP deskjet printer, Electronic balance, micro pipets, waterbath, deep freezer, electronic clients (shimadzu) - UICIC
7	Department of Pathology	2 acer computers
	SCHOOL OF NANO-SCIENCE AND PHOTONICS	
8	National Centre for Ultrafast Processes	Nil

28. **Technology up-gradation :**

- Virtual University Data centre and studio is located at Chepauk campus. The education programme will be delivered from the studio at Chepauk campus and student can attend the lectures at any of the above virtual university nodal locations.
- The delivery of education programme in Virtual University set up is provided in both Synchronous as well as Asynchronous environment. The Synchronous learning environment stimulates real classroom situation wherein students can listen and view.
- The lectures will be in 11 virtual classrooms in real time and can also interact with the teachers. In a synchronous learning environment, students shall be able to retrieve the stored lectures for their review learning. 2 TB of storage has been provisioned for storage of lectures and other educational data.
- The platform harnesses the delivery of lectures by the scarcely resourced teachers to a very large number of students. A total of 500 students can attend the live lecture programs being delivered from Chepauk campus to the 10 remote colleges.
- The Virtual University environment helps the student to take education from the best of the teachers' resources

29. **Computer and internet access and training to teachers and students :**

Computer and Internet Access and Training to Teachers and Students	
Bandwidth : Chepauk Campus (ISP from BSNL 1:1)	10 Mbps
Bandwidth : Chepauk Campus (ISP from Tata Communications)	4 Mbps
Bandwidth : Marina Campus (ISP from BSNL 1:1)	4 Mbps
Bandwidth : Taramani Campus (ISP from BSNL 1:1)	4 Mbps
Bandwidth : Guindy Campus (ISP from BSNL 1:1)	8 Mbps
Internet Access : Students	1000-1300
Soft Skill Lab : Students	More than 500
Online Campus Placement : Students	30
Online Programmes : Students	1 Programme with 8 Students
Internet Access : Faculties	All Faculties are provided with Internet/Intranet/ e-journal access
Internet Access [Wi-Fi Access] : Students and Faculties	All Faculties and Students in Guindy Campus are provided with Wi-Fi Access. More than 600 Faculties/Students are benefited from this service.

The main objectives of the Network and Internet Operations at all the campuses [Chepauk, Marina, Guindy and Taramani] are to enable Researchers, Academics, Students and Administration to use information and communication technologies and expertise to achieve and maintain knowledge superiority essential for dominating the education space.

FUNCTIONS OF UNIVERSITY NETWORK OPERATING CENTRE:

- To provide better network connectivity with improved technology to all the four campuses.
- To develop better ICT infrastructure.
- To extend high-speed internet path for better access.
- To create internet centre in campuses.
- To be active in NME and NKN National Projects.

The NOC at Chepauk Campus providing DNS, Web, Mail, Database Services, e-resources and e-journal access to the Faculties and Students of the University. The Centre is also updating and uploading the day to day University information like Tenders, Results, Seminars, Workshop, Conference, Admissions, Appointments, Department Information, Course Syllabi and Time Tables with the help of the Web Server [www.unom.ac.in].

The Network Centre has provided with one number of Sonic Spam filter, one number of 5500 Sonicwall Firewall, Two number of Routers and three numbers of IBM Rack Servers for providing the following Services like Filtering the spam's and unwanted traffic / sites and sending mails through our Mail Server to the University Faculty Members and Officers for sending circulars.

More than 1000 numbers of systems are provided with Internet / Intranet Services through the Core Module Layer Switches fixed in the various locations. The Local Area Network was configured with VLAN using the Core Module Layer Switches fixed in the various locations for providing Internet/Intranet Services to the University Departments / Offices. The Core Module Switches are monitored and managed through remote access.

University Computing and Network Service Centre

The UCNSC (University Computing and Network Services Centre) is located in the Chepauk campus to provide Internet facility to the Post graduate students and Research scholars of the university departments and also provide technical support to the university student community for their research work and online programmes through internet/intranet. The UCNSC is equipped with 30 nos.of desktop computers, 3 nos. of 5KVA UPS, 1 no. of Network switch and 4 nos.of Air conditioners. The students use the centre for browsing the internet for research purposes and also for their Final year project work. On an average of 80 to 100 students/day uses the centre regularly.

The Centre is also utilized by the university departments for conducting Research Methodology courses, Refresher courses and also for online exams conducted for Campus placements for the students.

The University campuses are already provided / equipped with campus networking through the NOC's located in the various campuses. The Internet/Intranet Services are extended to all the departments, student's hostels as well as all offices of the university throughout the day. The Internet connectivity from M/s.BSNL (newly installed) is provided with all the departments / offices of the university campuses.

Soft Skill Lab:

A Separate soft skill lab with 40 numbers of computer systems is functioning in the different University campuses for the benefit of the students / faculties for the past 4 years. More than 1000 students have benefited each year with the use of the lab.

30. Financial aid to students:

INDIRA GANDHI PG SCHOLARSHIP FOR SINGLE GIRL CHILD:

Nine students were awarded the Indira Gandhi PG Scholarship for Single Girl Child for the academic year 2010-2011 irrespective of their financial status.

MOST BACKWARD AND BACKWARD CLASS SCHOLARSHIPS:

Most Backward and Backward Class Scholarships were sanctioned and released by the Government of Tamil Nadu to 320 students of the University Departments (Tholkappiar and Parithimar Kalaignar Campuses).

FELLOWSHIPS:

- National Board of Higher Mathematics (NBHM) - 01
- Indian Council of Historical Research (ICHR) - 09
- Indian Council of Philosophical Research (ICPR) - 07
- Indian Council of Social Science Research (ICSSR) - 05

- Council of Scientific & Industrial Research (CSIR) - 02
- Indian Council of Cultural Relation under Commonwealth Scholarship (ICCR) - 07
- Bureau of Police Research and Development (BPRD) - 02
- Dr. Ambedkar Foundation Scholarship - NIL

31. Support from Alumni association and its activities:

- The regular meeting has been conducted through which various reforms have been brought.
- The alumni link has been created in the university website
- Separate Gmail account has been created and the enrolment form has been modified.
- Certain departments such as commerce, management departments of the university have been giving their alumni details when called.

32. Support from Parent-Teacher Association and its activities:

- The parents come and meet the teacher during admission and results.
- The guidance has been given to parents on the student's future.

33. Health Services :

The University Medical Centre is Functioning in the new premises of the library Annex complex. The staff and employees of the Madras University visit the centre for various ailments like Diabetes, Hypertension, Heart disease, fever and any medical emergency medical centre also provided medications for the employees for various diseases, and is managed by a senior physician. The centre has facilities for computerized E.C.G. and Emergency blood glucose monitoring 'A' group 5000 patient's visit the medical centre every year. The medical centre is also managed by a experienced person who dispenses medicines and has the knowledge to take E.C.G. and determines blood glucose by glucometer. The medical centre also has an experienced staff nurse who would be handy in managing patients during emergencies especially the patient is female the centre also has a bed for temporary monitoring of Bp / chest pain and other emergencies before shifting to other hospitals. Till date these persons / patients attending on our department has not complained of any mistakes / inefficiency of the staff of our department such as the working capacity of our staff of medical department. This is a remarkable achievement in short time.

34. Performance in sports activities :

Achievements of Madras University teams in the All India Inter University & South Zone/ South West Zone Zonal Tournaments

S.No.	Year	Tournaments	Position				Total
			I Gold	II Silver	III Bronze	IV --	
1	2010-11	All India Inter University	12	13	8	2	35
		South / Southwest Zone	5	1	1	1	8
Total Grand							43

Players Represented World University Games

S.No	Year	Game	Name	Venue
1	2010 – 11	Badminton	M.Subramanian	Taipal – China

No of the Players Selected for the VIZZY TROPHY Cricket Tournament

S.No	Year	No of Players
1	2010 - 11	3

Seminars, Workshops and Refresher Courses organized by the Department of Physical Education and Sports sponsored by UGC.

S.No	Year	Activity
1	2010 - 11	Refresher Course in Physical Education, Dated from 18.11.2011 to 08.12.2011.
2	2010 - 11	UGC Sponsored National Workshop on Association Indian Universities Sports Organization on 25 th and 26 th March 2011.

35. Incentives to outstanding sports persons :

The medals and certificate are issued to the students with the following incentives

Medals	Incentives in Rs.
Gold	Rs.5000
Silver	Rs.4000
bronze	Rs.3000

36. Student achievements and awards :

Sl. No	Department	NAME OF THE STUDENT	ACHEIVEMENTS AND AWARDS
SCHOOL OF HISTORICAL STUDIES			
1	Ancient History & Archaeology	Mr. D. Vijay	University first rank in the M.A., Ancient Hist & Archaeology
2	Indian History	Mr. S. Ganesan	Periyar Endowment Scholarship for Ph.D Research Scholar 2010 – 2011
		Ms. G. Sathyabama	Madras University Merit Fellowship 2010 – 2011
SCHOOL OF SOCIAL SCIENCES			
3	Anthropology	S. JANAKI	L.K Anantha Krishna Iyer Prize
		S. JANAKI	Venugopal Endowment Medal
		S. JANAKI	Late Prof. Aiyappan Endowment Medal
4	Criminology	Ms. Gaythri	II M.A Criminology- Gold Medel for securing first rank in M.A
		Mr. M.Babu	II M.Sc Cyber Crime Forensics and Information Security: Gold Medel for securing first rank in M.Sc
5	Sociology	2 – M.A., 1 – PhD	

SCHOOL OF ECONOMICS			
6	Economics		Award of Madras University Merit Fellowship for 2010 -2011
7	Econometrics		1- foreign Student, 20- Other Students - RBI Staff College debate - Winner
SCHOOL OF INFORMATION AND COMMUNICATION STUDIES			
8	Library & Information Science	Mr. Thuraiyappah Prath eepan	1st Rank holder
SCHOOL OF FINE AND PERFORMING ARTS			
9	Indian Music	Srividya	M.A, Indian Music
		Guru Bharadwaj	II rank M.A. Rhythmology
		M. Subhasree	I rank M.Phil
SCHOOL OF TAMIL AND OTHER DRAVIDIAN LANGUAGES			
10	Department of Tamil Language	Selvi N. Kalaiyarasi	UGC-JRF
		Selvan R. Raja & Selvan R. Anandakumar	M.A., students passed UGC-NET
		Tmt.R. Padma Mala	Ph.D. Scholar has got Thiruvalluvar Endowment Fellowship
		Selvi S. Yakana & Selvi U. Revathi	M.Phil. students of our department have got the Sambuvarayar Endowment Scholarship for the above period.
		Selvan R. Sasi Kumar, M.A	M.A. student of our department has got the Rotary Club of Madras City Scholarship for the above period.
		Selvi M. Nathiya, M.A	student of our department has got the Lady Willingdon Peace Endowment Scholarship for the above period.
		Selvan P. Suresh, M.A	student of our department has got the Tamilnadu Educational Trust award for the above period.
		Selvan C. Ramesh, M.A.	M.A. student of our department has got renewal award of the Tamilnadu Educational Trust for the above period.
11	Department of Tamil Literature & Culture	Selvan S. VEERAPANDIA N	UGC-JRF for the year 2009-10
		Selvan K. PRAKASH	UGC-JRF for the year 2009-10
		Selvi E. DEEPARANI M.Phil.,	UGC-NET for the year 2009-10
		Selvan P. KUMARESAN M.Phil.,	UGC-NET for the year 2009-10
		Selvan A. VENKATESAN	UGC-NET for the year 2009-10

		M.Phil.,	
12	Department of Malayalam	Harsha P.A	Kerala verma Gold Medal for M.A. First rank holder
SCHOOL OF BUSINESS AND MANAGEMENT			
13	Department of Management Studies	M. Govardhan	Report writing contest Conducted by Institute of Public Administration On 31.07.10 & 01.08.10 on the topic titled “What ails the youth – Lack of Self confidence or external pressure” 1st Prize Cash Prize: Rs. 1000/-
		Sabitha. T & Gayatri. P.S.M	National competition for management students -2010 Conducted by AIMA on 13th September Regional Winners National Level – Runner up Cash prize – Rs. 25,000/-
		Sathya. P Sangeetha. C. P.	Jaya Engineering College Management Meet– Horizon 2k On 24th September Paper presentation on “Challenges Ahead for Tomorrow’s managers I Prize Cash Prize: Rs 2,000/-
		Bharathy. S, Cindy Sierra Austin	Anna University – Paper Presentation – I Place
		Vijay Anand. A, Dinesh. M	ISBR – Stock Market – I Place
		Sidharth. V, Sridharan. G	ISBR –Monopoly – I Place
		Vijay Anand. A, Dinesh. M	Ethiraj College - Stock Market – II Place
		Asha. S	Ethiraj College - Corporate Show – I Place
		Saima Iqbal	Ethiraj College - Corporate Show – I Place
		Azhar Ali	Ethiraj College - Corporate Show – I Place
		Dominic Michael	Ethiraj College - Corporate Show – I Place
		Cindy Sierra	Ethiraj College - Corporate Show – I Place
		Vivin Joseph Raj. G	Ethiraj College - Corporate Show – I Place
		Vishnuvardhan. N	Ethiraj College - Corporate Show – I Place
		Ashwin Sridhar	Ethiraj College - Ad zap – I Place
		Ganesh Babu	Ethiraj College - Ad zap – I Place
		Hemalatha. S	Ethiraj College - Ad zap – I Place
		Vishnuvardhan. N	Ethiraj College - Ad zap – I Place
		Sakthi Priyanka. B	Ethiraj College - Ad zap – I Place
		Edwin. S	Ethiraj College - Ad zap – I Place
Vijay Anand. A, Dinesh. M, Sidharth. V	I.T.M. Business School – Stock Market – I place		
Vijay Anand. A, Dinesh. M, Sidharth. V	I.T.M. Business School – Marketing Game – III place		
Iniya. S,Shri Sharranya. V.G	Dhanalakshmi Engineering College – Knowledge Quest – I place		

Bharathy. S, Cindy Sierra Austin	St. Peters Engineering College – Paper presentation – I place
Khadir Ahmed	St. Peters Engineering College - Ad zap- I place
Irfan Basha	St. Peters Engineering College - Ad zap- I place
Kamal Raj	St. Peters Engineering College - Ad zap- I place
Arvind Arokiadoss	St. Peters Engineering College - Ad zap- I place
Mohamed Mustafa. R	St. Peters Engineering College - Ad zap- I place
Ashwin Sridhar	Hindustan University – Ad zap – I place
Ajmal Khan	Hindustan University – Ad zap – I place
Rajesh	Hindustan University – Ad zap – I place
Arun Prasad	Hindustan University – Ad zap – I place
Harish Kumar	Hindustan University – Ad zap – I place
Mahendar, Cindy Sierra Austin	Hindustan University – Rural Marketing – II place
Vijaya Narayana Bhoopathy	M.O.P. Vaishnav College – Business ICON – II place
Bharathy	M.O.P. Vaishnav College – Business ICON – II place
Cindy Sierra	M.O.P. Vaishnav College – Business ICON – II place
Edwin	M.O.P. Vaishnav College – Business ICON – II place
Mahendar	M.O.P. Vaishnav College – Business ICON – II place
Azhar Ali	M.O.P. Vaishnav College – Business ICON – II place

SCHOOL OF MATHEMATICS, STATISTICS AND COMPUTER SCIENCE

14	Ramanujan Institute for Advanced Study in Mathematics	Anjan Debnath,	Quiz State level –I Prize - Funding Agency - Bharathidhasan University,Trichy
		Jervis Ritesh Medonca	Quiz State level –I Prize - Funding Agency - Bharathidhasan University,Trichy
		K. Sabari	Quiz State level –I Prize - Funding Agency - Bharathidhasan University,Trichy
		Anjan Debnath	Quiz State level –I Prize - Funding Agency - Jamal Mohamud College, Tiruchirapalli
		Jervis Ritesh Medonca	Quiz State level –I Prize - Funding Agency - Jamal Mohamud College, Tiruchirapalli
		Anjan Debnath,	Quiz State level –III Prize - Funding Agency - IIT Madras
		Jervis Ritesh Medonca	Quiz State level –III Prize - Funding Agency - IIT Madras
		K. Sabari	Quiz State level –III Prize - Funding Agency - IIT Madras
		A. S. Mahamutha Thassnim	P.S. Rema Gold Medal

A. S. Mahamutha Thassnim	Sri Subramanian Memorial Medal
A. S. Mahamutha Thassnim	Prof. R. Vaidyanatha Swamy Prize
A. S. Mahamutha Thassnim	Prof. T.S. Bhanumathy, V. K. Balachandar and P.S. Rema Prize
S. Anil Kumar	First Prize - Lakshmi Charities Scholarship - Funding Agency - Dr. Vithal Rajan through Laxmi Charities
Kriti hazra	Lakshmi Charities Scholarship - Funding Agency - Dr. Vithal Rajan through Laxmi Charities
S. Jude Sentini	Lakshmi Charities Scholarship - Funding Agency - Dr. Vithal Rajan through Laxmi Charities
Anjan Debaath	Lakshmi Charities Scholarship - Funding Agency - Dr. Vithal Rajan through Laxmi Charities
S. Malar	Lakshmi Charities Scholarship - Funding Agency - Dr. Vithal Rajan through Laxmi Charities
K. Shaharbanu	Lakshmi Charities Scholarship - Funding Agency - Dr. Vithal Rajan through Laxmi Charities
S. Hari Priya	Lakshmi Charities Scholarship - Funding Agency - Dr. Vithal Rajan through Laxmi Charities
K. Sabari	Lakshmi Charities Scholarship - Funding Agency - Dr. Vithal Rajan through Laxmi Charities
S. Pavithra	Lakshmi Charities Scholarship - Funding Agency - Dr. Vithal Rajan through Laxmi Charities
R. Gopinath	Lakshmi Charities Scholarship - Funding Agency - Dr. Vithal Rajan through Laxmi Charities
J. Krishnan	Lakshmi Charities Scholarship - Funding Agency - Dr. Vithal Rajan through Laxmi Charities
M. Prabhavathy	First Prize - Lakshmi Charities Scholarship - Funding Agency - Dr. Vithal Rajan through Laxmi Charities
M. Parveen Banu	Lakshmi Charities Scholarship - Funding Agency - Dr. Vithal Rajan through Laxmi Charities
Kanmani Ganga	Lakshmi Charities Scholarship - Funding Agency - Dr. Vithal Rajan through Laxmi Charities
R. Ravi	Lakshmi Charities Scholarship - Funding Agency - Dr. Vithal Rajan through Laxmi Charities

		V. Nandhini	Lakshmi Charities Scholarship - Funding Agency - Dr. Vithal Rajan through Laxmi Charities
		M. Divya	Lakshmi Charities Scholarship - Funding Agency - Dr. Vithal Rajan through Laxmi Charities
		N. Devi	Lakshmi Charities Scholarship - Funding Agency - Dr. Vithal Rajan through Laxmi Charities
		Jayanthi	Lakshmi Charities Scholarship - Funding Agency - Dr. Vithal Rajan through Laxmi Charities
		G. Priyadharshini	Lakshmi Charities Scholarship - Funding Agency - Dr. Vithal Rajan through Laxmi Charities
		D. Ramesh Kumar	Lakshmi Charities Scholarship - Funding Agency - Dr. Vithal Rajan through Laxmi Charities
		K. Thangam	Lakshmi Charities Scholarship - Funding Agency - Dr. Vithal Rajan through Laxmi Charities
15	Department of Statistics	Mr. G. Arunkumar	Third Prize – All India Essay Writing Competition organized by the Ministry of Statistics & Programme Implementation.
		Mr. B.Subhashini	Consolation Prize - All India Essay Writing Competition organized by the Ministry of Statistics & Programme Implementation
SCHOOL OF EARTH AND ATMOSPHERIC SCIENCES			
16	Department of Geology	ATHIRA.R.S	Sir T. Muthuswami Ayyar Endowment Scholarship
		NAMITHA MARY VARGHESE	Dr.A.L.Mudaliar Silver Jubilee Endowment Scholarship
		KULEEN ELIZABETH CASEY	Dr.A.L.Mudaliar Silver Jubilee Endowment Scholarship
		K.JISHA	Dr.A.L.Mudaliar Silver Jubilee Endowment Scholarship
SCHOOL OF CHEMICAL SCIENCES			
17	Department of Energy	Mr. M. Kumara Vadivel	awarded the CSIR SRF w.e.f.1-4-2011
SCHOOL OF PHYSICAL SCIENCES			
18	Department of Nuclear Physics	Mr. P. Santhana Raman	awarded Prof. V.N. Kulkarni memorial Award (Best Paper Prize) in the International Conference on Ion Beam Induced Nanopatterning of Materials held during Feb. 6-10, 2011 at IOP
		Ms.E.A.K. Nivethaa	was awarded Best Paper Award in the National Conference NANOMEET 2011, Anna University, Chennai, March 07-08,

			2011
		Mr K. Saravana Kumar	was awarded Dr Kalaignar M. Karunanitdhi Endowment Scholarship
		Ms B. Sharmila	was awarded Dr A.L. Mudaliar Silver Jubilee Endowment Scholarship
		Ms A.S. Indhuja	was awarded Arignar Anna Endowment Scholarship
		Ms R. Sumathi	was Awarded Sambuvarayar Endowment Scholarship
19	Department of Theoretical Physics	V. Yogesh	Prof. Seetharaman and Prof. Devanathan Endowment Prize
		S. Nagarajan	Prof. Seetharaman Endowment Prize
SCHOOL OF LIFE SCIENCES			
20	Department of Biochemistry	T. Mohana.	Best oral presentation award, in Indo-US workshop on translating molecular cardiology in to clinical practice- Vascular and Molecular Biology held on 6th-8th August 2010, organized by Rajiv Gandhi center for Biotechnology (RGCB), Kerala. Best oral presentation award
21	Department of Zoology	Jobin Thorian	Ph.D. Scholar has been qualified for CSIR-UGC (NET), 2010
		Sangeetha Kumari	P.G. Diploma (Immunotech) student has been qualified for CSIR-UGC (NET), 2010
		Shiny, A	P.G. Diploma (Stem Cell) student qualified for CSIR-UGC (NET) and GATE, 2010
		Soumya, C Iyer	Research Scholar qualified for CSIR-UGC (NET), 2010
		Karnan, C	M.Sc. – OST, II year has qualified for CSIR-UGC (NET), 2010
		Subashree	Former M.Sc. Student of this department (2007-2009) has been awarded INSPIRE fellowship by DS
		V. Vaishnavi	A former M. Sc. student of this department of (2008-2010) has been awarded INSPIRE fellowship by DST
		Radha S	Scholar has been qualified for GATE-2011 (Score 72 percentile).
		V. Vaishnavi	a former M. Sc. student of this department of (2008-2010) has been qualified for GATE-2011 (Score 86 percentile).
Geethanjali	P.G. Diploma (Stem Cell) student qualified for GATE, 2010		
22	Department of Anatomy	Mr.L.Ganesh	Won Best paper award for the Paper presented at the Tamilnadu Anatomist conference September. 2010 held at Karpagaviniyakar Medical College & Hospital

		Mr.Dinesh	Won Best paper award for the Paper presented at the Tamilnadu Anatomist conference September. 2010 held at Karpagaviniyakar Medical College & Hospital
		Ms.Kiruba	Won Best paper award for the Paper presented at the Tamilnadu Anatomist conference September. 2010 held at Karpagaviniyakar Medical College & Hospital
23	Department of Endocrinology	R. Gokulapriya II M.Sc	Selvi V. Saraswathi Memorial Endowment Scholarship
		M. Silambarasan II M.Sc	Madras University Free Education Scheme
		Ms. R. Jancy Merlin M.Phil	Samburvarayar Endowment Scholarship
		P. Rajesh Ph.D	Samburvarayar Endowment Scholarship
		A. Sathyavathy Ph.D	Dr. Kalaignar Endowment Scholarship
24	Department of Genetics	N.Jhansi Rani	UGC-RGNF
		J.Suganya	UGC-RGNF
		B.Saranya	LTMT- JRF
25	Department of Medical Biochemistry	Ms.N.Rajeswari	DST-INSPIRE Scholarship
		Ms.M.Shoba	Post-Graduate Indira Gandhi Scholarship for Single Girl Child for PG academic session 2010-12
26	Department of Microbiology	Mr. Naveen Kumar	Eric walker award
27	Department of Pharmacology and Environmental Toxicology	Mr. Ezhilarasan	DST-INSPIRE fellow was awarded the MAHEVA-ERASMUS MUNDUS Scholarship, to do research work in Health Sciences at University of Catholique de Louvain (UCD), Belgium in the field of liver toxicity for 18 months from June, 2011
		Mr. Ezhilarasan	received First Prize for best Poster Presentation in the 31st Annual Conference of IABMS, held at Thiruchengode, in October, 2011
		Mr. R. Rengarajan	received DST-Purse JRF
		Ms. R. Revathi	awarded URF
28	Department of Physiology	Dr. Namasivayam	Dr. Namasivayam medal from Univ. Of Madras (for the first rank holder in M.Sc., Physiology)
SCHOOL OF NANO-SCIENCE AND PHOTONICS			
29	National Centre for Ultrafast Processes	S. Sathish	Inspire Fellowship, DST
		M. Sharika	National Photonics Fellowship, Dept. of

			Information Technology, Govt. of India
		P. Divya	Senior Research Fellowship, CSIR Project
OTHERS			
30	Department of Physical Education and Sports	Miss. Priyanka Dixit (Department of Indian Music)	Gold Medal in Throw Ball held at Adudhabi, UAE
SCHOOL OF ENGLISH AND FOREIGN LANGUAGES			
31	Department of English		II Place in the Quiz Competition conducted in the Central University, Thiruvapur in February, 2011

37. **Activities of the Guidance and Counselling Cell :**
800 students were provided guidance and counselling.

38. **Placement services provided to students:**

- As per the announcement made by our Vice Chancellor the University Students Advisory Bureau is organizing Campus Recruitment for students of the University Departments and Students of affiliated Colleges every month in which, the corporate are invited to recruit our students for various categories of Job.
- The graduates and postgraduates registered in USAB office will be given temporary placements in Government / Private and Public sector organizations.
- The USAB gives placement for 2 P.G. Students of the Department of Management Studies, Specializing in Human Resources Management. The USAB for getting practical training in the professional service of career guidance to students

39. **Development programmes for non-teaching staff :**

NAME OF THE PROGRAMME	TOTAL NO. OF PARTICIPANTS
“Induction and E-governance Training Programme” for the newly recruited assistants of University of Madras FROM 07.02.2011 TO 18.02.2011	95

40. **Good practices of the institution :**

University Best Practices are defined as “Institutionalization of innovative self-regulated responsibilities which aim to promote academic growth of International quality in the University system”. Higher educational institutions are expected to build optimally seven healthy practices, if they are to answer professionally the requirements of societal transformation by Universities. They are:

1. Respecting diverse talents and ways of learning;
2. Communicating high expectations
3. Encouraging increased interaction between students and faculty members
4. Developing reciprocity and cooperation among students
5. Encouraging active learning with advanced teaching tools
6. Giving prompt feedback to faculties and students
7. Emphasizing task on time with total quality management.

While it has always been easy for the educationists to suggest innovations in the educational policy of the nation, pragmatism and implementability are the areas of concern. These concerns are addressed by putting in place a codified 'Ethics Policy' which is meant to serve as a guide to assist the Governing Councils/Boards of Governors, administrators, faculty and staff, collectively called as "Members of the University Community", in making ethical decisions and engaging in appropriate, lawful conduct. It is the intent of the University of Madras that compliance with the Code of Ethics will foster a work – environment that stimulates and encourages the development of abilities and pursuit of personal and professional growth while maintaining the highest ethical standards and goals of the University. The Governing Council of the University facilitates the members of the University Community to develop moral and ethical commitment to themselves, to work, to society and to the world.

The highest ethical standards set for the members of the University Community are:

- i. **Selflessness:** Holders of public office should take decisions solely in terms of the public interest. They should not do so in order to gain financial or other material benefits for themselves, their family, or their friends.
- ii. **Integrity:** Holders of public office should not place themselves under any financial or other obligation to outside individuals or organizations that might affect them in the performance of their official duties.
- iii. **Objectivity:** In carrying out University activities including making public appointments, awarding contracts, or recommending individuals for rewards and benefits, holders of public office should make choices on merit.
- iv. **Accountability:** Holders of public office are accountable for their decisions and actions to the public and must submit themselves to whatever scrutiny is appropriate to their office.
- v. **Openness:** Holders of public office should be as transparent and open as possible about all the decisions and actions that they take. They should give reasons for their decisions and offer information, when the wider public interest clearly demands.
- vi. **Honesty:** Holders of public office have a duty to declare any private interest relating to their public duties and to take steps to resolve any conflict arising in a way that threatens the public interest.
- vii. **Leadership:** Holders of public office should promote and support these principles by leadership and setting themselves as examples.

Other details of Healthy Practices introduced in the University of Madras could be classified as

- **Best practices adopted by the university of madras for improving academic excellence**
- **Best Practices followed to Improve the Efficiency of the Administration**

BEST PRACTICES ADOPTED BY THE UNIVERSITY OF MADRAS FOR IMPROVING ACADEMIC EXCELLENCE

1. Introduction of New Programmes

The University has instituted and introduced the following new & innovative UG & PG Degree programmes in the University of Madras during the year under report:-

1. B.Com. (Honours) Degree course
2. B.Sc. Degree course in Mathematics with Computer Applications

3. B.Sc. Degree course in Physics
4. B.A. Degree course in Performing Arts (Muthamil Iyal, Isai and Natakam)
5. M.A. International Relations
6. M.Sc. Physics to be offered at the Departments of Theoretical Physics & Nuclear Physics
- *7. M.Sc. Degree in Geographic Information and Science System
- *8. M.B.A. Part time - [*Evening programme under Self-supportive mode]

2. The Erasmus Mundus Maheva Scholarship

Erasmus Mundus Maheva Scholarship aims to contribute to the strengthening co-operation between European Union Higher Education Institutions and Asian Institutions, facilitating the mobility of students, researchers and academic staff through a scholarship scheme, curriculum development of the individuals, the transfer of know-how in international mobility and the exchange of best practices. The Erasmus Mundus Maheva Project undertaken by the University has been functioning efficiently and during the year under report 8 students from our University at the UG, PG and Doctoral levels have been selected under this project and they have left for various European destinations for varying length of time.

3. Internet Centre

The University has INTERNET Centres in all the four campuses, open to all the students of the University departments. As of now the Network Operating Centre has now been enhanced with 10 Mbps Internet Services from M/S BSNL and 6 Mbhs service from M/s. Tata Communications as back up service. The Centre mains the Domain Name system server (DNSO, Mail Server, WEB server, Mirror Server, Network Monitoring Server, Inventory Server, Firewall, Mail Spam Filter, Routers and Network Core manageable switches fixed at various locations.

4. Soft Skill Programme

In tune with the goals and vision of the University, the authorities of the University devised new methodology for successfully conducting Soft Skill courses in the four campuses. The University of Madras has been offering the Soft Skills programme to all its students. It is mandatory for every student of the University to acquire 8 credits from this program to successfully complete their post graduation degree. In order to enhance the employability, the University of Madras has introduced the soft skills courses as a mandatory for every student to qualify the degree programme. To achieve 100% success of the programme it has been outsourced to private agency. To attract every student many soft skills courses like essentials of language and communication, Essentials of spoken and presentation Skills, Language and Communication (Advanced level), Spoken and presentation Skills (Advanced level), Personality Enrichment, Life and Managerial skills, Computing skills (Basic & Advanced), French for Beginners (Level 1 & 2), German for Beginners (Level 1& 2) are offered.

5. Language Laboratories

Four Language Laboratories has been established under XI th plan period in all the campuses. The aim of the language laboratory is to facilitate students to acquire and improve language proficiency through computer aided multi-media instruction. The laboratory acts as a platform for learning, practicing and producing language skills through interactive lessons and communicative mode of teaching.

BEST PRACTICES FOLLOWED TO IMPROVE THE EFFICIENCY OF THE ADMINISTRATION

The practices for institutional health, which have made a big difference in the academic structure of University of Madras, nationally and internationally exude in Academic audit & Internal Quality Assurance System. Academic audit is an educational exercise of accountability linking autonomy to assess and improve the performance of teachers / students / administrative staff and the whole institution in a holistic manner and to have a pragmatic view about what is the present status of academic standards of Higher Education in a given institution.

- 1) A post of Dean- Research has recently been created with independent functions to look after the registration and processing of the Ph.D thesis and expedite the award of the degree.
- 2) The University has taken pro-active steps by nominating Dean Students, Dean Academics, Dean Examinations, Dean Administration, Dean Legal Affairs, Dean Extension Activities and Dean Endowments to de-centralize the powers and facilitate speedy functions of the various activities of the Administration.
- 3) A post of Dean –Grants has been created to closely monitor and regulate the utility of various grants/funds received from funding agencies.

4) Single Window Admission Centre

A new Single Window Admission Centre for the students of distance education facilitates issue of their identity cards, study materials and other formalities within 30 minutes. University offers a discount of 20 per cent in the tuition fees for women and Defence personnel.

- The University efforts have yielded a fruitful result regulating the appointment of Principals of the affiliated colleges. The present status is 70% of the Principles are approved by University.
- Consultancy projects with official eligibility of a percentage of grants received as consultant's share as per the consultancy rules of the University is encouraged.

5) Equal Opportunity Cell

Madras University has established an Equal Opportunity Cell for the persons belonging to scheduled castes, scheduled tribes, other backward class and other minorities in order to enhance their employability.

6) Active Implementation of Tele- education in stages using EDUSAT-INTERNET & WEB

Edusat is the first Indian satellite built exclusively for serving the educational sector and was launched successfully by GSLV-F01 on 20-9-2004. It is mainly intended to meet the demand for an Interactive satellite based distance education system for the country. An exclusive Tele-EDUSAT is functioning at present in the University of Madras.

41. Linkages developed with national / international , academic / research bodies :

Interacting Agencies

- AIU, ICCR, Ed Cil, ELI, FRRO Consulates and Embassies and Foreign Universities with whom we have signed MOU
- No. of Foreign Student in UCIR: 2010-2011 – 62+295=357

Categories of Foreign Students:

- **Research and post doctoral research:** Mostly in the sciences. We have here ICCR scholars and students who are joining on their personal initiative.
- **Full-time Masters:** (i) ICCR scholars (ii) Students who are joining through MOU signed (iii) students who join through agencies like Ed Cil (iv) Students who are joining on their personal initiative (Tibetan are included here)
- **Part-time students:** (i) students who come for one or two semesters only based on reciprocal MOU signed and who are exempt from paying tuition fees (ii) Students who come for one or two semesters but who have to pay tuition fees as the MOU does not offer exemption.
- **Casual research / visiting scholars:** (i) for short period of time and attached to a specific department.

MOU SIGNED WITH FOREIGN UNIVERSITIES AND INSTITUTIONS:

S.No	Name of the University	Department	Date of the approval of the Syndicate
1.	University of Salford, Salford, U.K.	French	22 nd Oct' 2010
2.	Naresuan University, Thailand	Adult and Continuing Education	26 th Nov 2010
3.	Illinois State University, Normal, USA	Criminology	31 st Dec 2010
4.	University of California, Davis,	English	20 th Jan 2011
5.	Cyber Trust, New Delhi	Technology Business Incubator, (TBI), Sekhizhar Campus	20 th Jan 2011
6.	University of Salzburg, Austria	Geography	11 th Feb 2011
7.	Inter-University Co-operation agreement amongst the Partner University	VC's Secretariat	11 th Feb 2011
8.	Institute D'Etudes Politiques De Paris, France (Sciences Po)	French	11th Feb 2011
9.	Institute D'Etudes Politiques De Lyon, France	French	11th Feb 2011
10.	French Institute of Pondicherry, (Institute Francais de Pondicherry – IFP)	French	11th Feb 2011
11.	University of Maine, Le Mans, France	General	21 st April 2011
12.	Universite Lumiere, Lyon 2, France	General (Renewal)	21 st April 2011
13.	Em Strasbourg Business School, France	General (Memorandum of Understanding)	6 th June 2011

EVENTS RELATED TO FOREIGN DELEGATIONS:

1.	His Excellency the Ambassador of France Mr. Jerome Bonnafont	July 13, 2011	Delivered an Address in the Senate House
2.	International Students Summit 2011 (Mr. Andrew T. Simkin, Consul General, Consulate of United States of America, Mr. Nikolay A. Liztopadov, Consul General, Consulate of Russian Federation Mr. David Holly, Consul General.	March 2, 2011	Inauguration of the UCIR Name, Conference Room and Website
3	DIES Seminar – Dr Brigit Barden, Leibniz University, Hannover, Germany	March 29-30, 2011	International Workshop on Internationalization in collaboration with Leibniz University, Hanover, Germany

FOREIGN VISITORS

S.No	Date of Visit	Name / County of the Delegates
1.	July 16, 2010	Visit of delegation from Region Centre, France, Agnes Sinsoulrier-Bigot, Conseillere regionale, Presidente dela commission relations internationaux, Pascal Meyer, Directeur de la cooperation interntionale, Laure Benopit, Charogee de mission Europe et Asie, Directeur de la cooperation internationale, Cecile Champilou, Coordinatrice de project pour la region centre
2.	July 21, 2010	Visit of Dr Brigit Barden, Director, International Office, Leibniz University, Hanover, Germany & Dr Balasubramanian Ramani, Advisor, India Relations, Institute for Botany, Leibniz University, Hanover Germany.
3.	August 10, 2010	Visit of the Consul General of Singapore Mr. Ajit Singh who paid a courtesy visit to the Vice-Chancellor
4.	September 13, 2010	Visit of team of American University and College representatives organized through Linder Tours.
5.	September 21, 2010	Drake University, Des Monies, Iowa representative regarding activation MOU
6.	September 28, 2010	Visit by Consul General of France
7.	October 08, 2010	Meeting of Mark Ginsberg of the US Department for Energy
8.	October 25,2010	Meeting of German DAAD delegation with Vice-Chancellor
9.	October 27, 2010	Meeting with Ritika Nandkeolyar, II Secretary, Public Affairs, High Commission of Canada, New Delhi
10.	November 1, 2010	Meeting with Dr. Supanee Sengui, HOD dept of Education, Naresuan University, Thailand
11.	November 8, 2010	Visit by delegation from Salford University led by the Vice-Chancellor Martin Hall who signed an MOU
12.	November 12, 2010	Visit by delegation from Queen’s University, Ireland: Prof. Keith Bennet Head of School Geography and Archaeology with Profl Julien Orford, Physical Geography

13.	November 12, 2010	Visit of delegation of University of Dublin associated with Dr Wilfred Felix, Professor ICCR Chair, University of Dublin, Ireland
14.	November 26, 2010	Visit of delegation from University of Dublin Ireland Registrar and Prof; Juergen Barkhoff and Vice Provost Prof. Michael Marsh
15.	December 10, 2010	Meeting with Regine Serra and Gilles Vernier of Sciences-Po Paris
16.	December 27, 2010	Meeting with Team of three faculty from Hiroshima University and Juntendo University, Japan
17.	January 3, 2011	Arrival of Team from Region Centre and Pays de la Loire, France
18.	January 4, 2011	Meeting of Angers University team headed by John Webb with the Vice-Chancellor
19.	February 18, 2001	Team from Australia John Webb and David Holly
20.	March 2, 2011	Visit of Prof. Aaron Gael, HoD, Dept of Religious Studies and Mr. Ken Enoch, IR office, University of West Virginia, USA
21.	May 7, 2011	Visit of Michael Auslin and Ratna Mukerjee, Consulate of the United States
22.	May 9, 2011	Representative of the Region Centre – Carole Bodenan
23.	May 25, 2011	Visit by Japanese Consul General Masanori Nakano and Japanese Cultural counselor Kayoko Furukawa
24.	June 16, 2011	Visit of delegation of University of Salford, Vice-Chancellor Martin Hall and International Officer Michael Lurie
25.	July 4, 2011	Visit of Dr Christine Ennew, University of Nottingham and a representative of the University of Loughborough, UK
26.	July 13, 2011	Visit of delegation from Pays de la Loire : Philippe Papin, Regional Councilor G. Moguedet, Vice President of Administrative Council, Angers, Prof. G. Bedouelle, rector, University Catholique de l'ouest, Prof P. Daniel, Vice president RI, Maine

42. Action Taken Report on the AQAR of the previous year

- Student feedback forms were collected in time through the campus offices
- Answer scripts from the academic departments were collected in time for academic audit.
- Student strength in the all the departments were enhanced.
- Internet centres were created in the University hostels.

43. Any other relevant information :

The free education scheme with complete fee waiver for one poorest student whose parental income is less than Rs 72000/- per annum in each programme of the university departments.

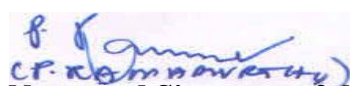
The full fee exemption will be given including examination fees for differently abled students in PG and MPhil programmes in the University Study and research.

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

- Soft-Skill programme was revamped.
- A compulsory “Students Safety Insurance Scheme” for the students of affiliated colleges and University Departments was introduced.
- To overcome the ragging, a black complaint box system was introduced and ragging redressal committee was formed.
- University has joined the 19 international Universities that have won the Erasmus Mundus project “MAHEVA” [Man, Health, Environment, Bio-diversity for Asia] with the funding of 300,000 Euros.
- Great Mathematician, Srinivasa Ramanujan’s own handwritten note books preserved in the Madras University Library have been microfilmed and distributed to Institute of Mathematical Sciences, Chennai, Tata Institute of Fundamental Research, Mumbai, Raja Muthaiah Libraray, Chennai and The Connemara Library, Chennai to enable the scholars to access these valuable note books.
- Introduced the Single Window system of admission to IDE programme.
- Introduced the smart card system for students.
- One desktop computer was provided to every teaching faculty of the University.

Section D: Plans of the HEI for the next year

- Planned the provision of Desk-top computers to all administrative staff with internet facilities to speed up the work.
- Free IT training programme for the administrative staff.
- Online registration for examination.
- Online downloading of nominal roll/seating plan/hall ticket introduced.
- Online entry of marks for internal and practical marks for the affiliated colleges.
- Online mark entry system of the University Departments under CBCS system was initiated.
- Planned to provide a laptop for every teaching faculty of the University.



**Name and Signature of the
Coordinator/Director, IQAC**



**Name and Signature of the
Chairperson, IQAC**

**Major International/ National/ Regional Seminars organised for Improvement
Academic Year 2011 - 2012**

Sl.No	International and National Seminars/ Conferences	National / International	Department
1	UGC Course on Research Methodology for Research Scholars	National	Adult and Continuing Education
2	Third South Zone Conferences on Vocational Education & Training Challenges & Opportunities	National	Adult and Continuing Education
3	Seminar on Researching Lifelong Learning Techniques and Perspectives	National	Adult and Continuing Education
4	UGC National Workshop on Lifelong Learning for Skill Development	National	Adult and Continuing Education
5	Workshop on Career Guidance for PG Students	National	Adult and Continuing Education
6	Placement Function for the M.Sc., Cyber Forensics students	-	Criminology
7	One Refresher Course on "Educational Technology" - 21 days for Assistant Professors in College of Education in India.	National	Education
8	Workshop on "Counselling Skills"	National	Psychology
9	Democracy and Human Rights in South India	International	Psychology
10	Discussion on "Social Exclusion"	-	Dr. Ambedkar Centre for Economic Studies
11	2.Discussion on "Issues and Challenges"		Dr. Ambedkar Centre for Economic Studies
12	Workshop on Preksha Meditation (International Seminar and Workshop on Buddhism conducted)	Regional	Jainology
13	National Seminar on "The Contributions of Vethathiri Maharishi to Philosophy, Science, Yoga, and World Peace"	National	Philosophy
14	Teachers Day Celebration and Seminar on "The Philosophy of Dr. S. Radhakrishnan"	Regional	Philosophy
15	National Seminar on "Historiography, Culture and Civilization"	Regional	Philosophy
16	Extension Activity Visit to Vadalur	Regional	Philosophy

		1	
17	Inter-collegiate Students' Workshop" on "Knowledge-Building"	Regional	Philosophy
18	November 17, 2010: Campus France Interaction with 15 French Universities and Institution of FLE	---	French & Other Foreign Language
19	February 4, 7-9, 2011 : LINGUA FEST –Annual Three day International workshop organized by the Department for faculty and students of French of city colleges	International	French & Other Foreign Language
20	The Concept of Women In Urdu Literature ”	International	Arabic, Persian and Urdu
21	Emerging Trends in E-commerce	International	Commerce
22	One day colloquium	National	Ramanujan Institute for Advanced Study in Mathematics
23	Seminar on Better city Better Life on World Habitat Day	National	Geography
24	Two-day Faculty Development Workshop on GIS for college level Geography Teachers	Regional	Geography
25	Orientation Course for Newly recruited Government College Teachers by TRB.	National	Inorganic Chemistry
26	Summer Training Programme in Chemistry STPIC-2011 for I year M.Sc., students studying M.Sc. Chemistry in all over Tamilnadu.	National	Inorganic Chemistry
27	“To Motivate and promote the culture of Research at the undergraduate level for Department of Engineering and technology, from 24 th jan- 2 nd feb 2011	State level	Biotechnology
28	DST Women Scientist Program -organized Sensitizing meeting – Exposure to Women Scientists of career and funding opportunities.	National	Zoology
29	Modern Tools and Methodology in Neurotoxicology including Metallomics.	National	Pharmacology and Environmental Toxicology