



UNIVERSITY OF MADRAS

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

Annual Quality Assurance Report (AQAR)

Academic Year 2009-10



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 2009 - 2010

CHAIRPERSON	<p>Col. Dr. G. Thiruvassagam Vice Chancellor (13-10-2009 onwards)</p> <p>Dr.S.RAMACHANDRAN Vice Chancellor (06.09.2006 A.N. to 06-09-2009.)</p>
EX-OFFICIO ADMINISTRATIVE OFFICER	<p>Dr. M. RANGANATHAM Registrar i/c (20.12.2006 A.N. to 31-08-2009)</p> <p>Dr.V.K. PADMANABHAN Registrar i/c (31-08-2009 to 23-09-2009.)</p> <p>Dr.P.DURASAMY Registrar i/c (23-09-2009 A.N. to 30-12-2009)</p> <p>Dr. P. SARAVANAN Registrar (31-12-2009 onwards)</p>
MEMBER SECRETARY	<p>Dr. P. Ramamurthy DIRECTOR – IQAC (since 07.01.2010) Professor, National Centre for Ultra Fast Processes</p>
SENIOR MEMBERS	EX-OFFICIO
	<p>Prof.M.R.Srinivasan Dean- Academic</p>
	<p>Prof.S.Sriman Narayanan Dean-Research</p>
	<p>Prof.P.T.Srinivasan Director, Planning and Development</p>
	<p>Prof.S.Karunanidhi Special Officer</p>
	<p>Prof.V.Thangaraj Dean-CDC</p>
	<p>Prof.M.Michael Aruldhas HOD, Dept of Endocrinology</p>
EXTERNAL EXPERTS	<p>Prof. Siniruddha Dash HOD, Dept. Of Sanskrit</p>
	<p>Prof.D.Kumaran HOD, Dept. of Education</p>
	<p>Ms. Sumitra Ghose Head, Learning Innovative & HR, Tata Consultancy Services</p> <p>CII</p>

IQAC Report for the Academic Year 2009 – 2010

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 collect the student feedback forms through the campus offices in time and the same was done.
- Planned to collect the answer scripts from the academic departments in time for academic audit and the same was done.
- Planned to enhance the student strength and it was achieved.
- Planned to establish the internet centres in the University hostels and established.

Section – B

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

Goal: To elaborate the quality of education at higher level

Objectives:

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

2. New academic programmes initiated :

Total number of programmes initiated: 14

Details:

SL.N O.	DEGREE	NAME OF THE PROGRAMME
1.	M.A.	Public Administration (Tamil Medium)
2.	M.SC.	Ocean Science & Technology
3.	M.SC.	Environmental Sciences
4.	M.A. (5 YEAR INTEGRATED)	Anthropology
5.	M.A. (5 YEAR INTEGRATED)	Post Modern Development Administration
6.	M.A. (5 YEAR INTEGRATED)	French Studies
7.	M.SC. (5 YEAR INTEGRATED)	Life Sciences
8.	M.PHIL.	Vaishnavism
9.	DIPLOMA	Travel & Tourism Management (Self- Supportive)
10.	CERTIFICATE	Blogging (Self- Supportive)
11.	CERTIFICATE	T.V. News Reading Comparing (Self- Supportive)
12.	CERTIFICATE	Web- Page Design (Self- Supportive)
13.	CERTIFICATE	Pre- Primary Education (Self- Supportive)
14.	CERTIFICATE	NGO Management (Self- Supportive)

3. **Innovations in curricular design and transaction :**
 - The syllabi of 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 students as per the job requirement.
 - Students are evaluated through various assignments and presentations.
 - The choice of elective papers in inter and intra department courses
4. **Interdisciplinary programmes started :** Nil
5. **Examination reforms implemented :** NIL
6. **Candidates qualified : NET/SLET/GATE etc.:** 73
7. **Initiative towards faculty development programme :**
 - University has conducted seven orientation courses and thirteen refresher courses to promote professional development and career advancement.
 - Nearly 986 teacher participants from various colleges/universities participated in these programmes and updated their skills and knowledge through the lectures delivered by eminent academicians, policy makers and administrators.
 - ASC-UOM conducted five special programmes for the benefit of researchers, academicians and administrators.

Course details as follows:

S.No.	COURSES	MEN	WOMEN	TOTAL
1.	Orientation courses	192	159	351
2.	Refresher courses	336	299	635
3.	Interaction programme(Ph.D./post doctoral) scholars	21	20	41
4.	Intensive training programme for lecturers working in self financing colleges	8	19	27
5.	Short term courses/workshops/training programme	107	61	168
	TOTAL	664	562	1222

8. **Total number of Conferences /Seminars/Workshops conducted/organized :** 257

9. Research projects :

(a) Ongoing :

No. of Projects: 136

Total outlay : 5,10,000

(b) Completed :

No. of Projects : 58

Total outlay : 11,55,600

10. Patents Generated : 2

11. New collaborative research programmes :

Research collaborations	Yes	✓	No
National			
If yes, how many?	15		
Overseas	Yes	✓	No
If yes, how many?	8		

12. Research grants received from various agencies :

No. of Projects : 136

Total outlay : 5,10,000

13. Details of Research Scholars :

Nature of Registration	On Roll	Newly Registered	Degree Awarded
Full-time/ Part-time	1347	295	155

14. Citation Index of faculty members and Impact factor : 0.163-6.546

15. Honours/ Awards to the faculty :

1.Prof. Dr. S. Ramachandran, Former Vice-Chancellor University of Madras	Conferred the “Stella della solidarieta’ Italiana” (The Italian Star of Solidarity) by his Excellency the President of the Republic of Italy.
2. Dr. L. Anthony Savari Raj, Senior Lecturer, Department of Philosophy, University of Madras	Awarded Fulbright- Nehru Visiting Lectureship 2009-10 by United States- India Educational Foundation (USIEF), New Delhi, to be pursued at George Mason University, Fairfax, USA, from 1st February 2010 to 31st May 2010.

3. Dr. S. Armstrong, Reader & Head i/c, Department of English, University of Madras	Awarded Fulbright- Nehru Visiting Lecturer Fellowship 2009-10 to teach a course at the University of California, Davis, United State of America.
4. Dr. J. Arunakaran, Lecturer, Department of Endocrinology, DR ALM PGIBMS, University of Madras.	Elected as a “Treasurer for Society for Reproductive Biology and Comparative Endocrinology”.
5. Dr. C. Balakrishnan, Professor, Department of History, Institute of Distance Education, University of Madras	Appointed as a Member of Advisory Committee of the Indian Council of Social Science Research, Southern Regional Centre, Hyderabad, w.e.f 10-02-2009 for a period of two years.
6. Dr. P. Duraisamy, Registrar i/c., University of Madras	Invited as Visiting Professor of the University of Paris, France, in May – June 2009; and also by the “World Health Organization” (WHO), Geneva, Switzerland to deliver a special Lecture in June 2009.
7. Dr. S. Kuppusamy, Lecturer, Department of Indian History, University of Madras.	Awarded Post- Doctoral Research Award by University Grants Commission.
8. Dr. M. Michael Aruldas, Professor & Head, Department of Endocrinology, DR ALM PGIBMS, University of Madras, Taramani, Chennai – 600 113	Elected as “Secretary for Society for Reproductive Biology and Comparative Endocrinology; and as a Executive Council/ Member of Asia Oceania Society for Comparative Endocrinology”.
9. Dr. R. Sahadevan, Professor, R.I.A.S.M. University of Madras	Awarded UGC National Hari Om Ashram Trust Award entitled “Meghanand Saha Award in Theoretical Science” for the year 2007, which carries a sum of Rs.50,000 and the citation, in recognition of his outstanding scholarly contribution in his field of work.
10. Dr. N. Srinivasan, Professor, Department Endocrinology, DR ALM PGIBMS, University of Madras, Taramani, Chennai – 600113	Elected as a “Member of the Executive Committee for Society for Reproductive Biology and Comparative Endocrinology”.
11. Dr. Utham Kumar Jamadhagni, Senior Lecturer, Department of Defence & Strategic Studies, University of Madras	Awarded Visiting Fellowship at the Centre for Politics and International Studies at the University of Hull, England, during 5th August to 30th August 2009.

12. Dr. G. Vijayakumar, Lecturer, Dept of Pharmacology & Environmental Toxicology, DR ALM PGIBMS, University of Madras, Taramani, Chennai.	Awarded Fellowship by Indian Association of Bio Medical Scientists (IABMS) in December 2008.
13. Rev. Dr. S. Ignaci Muthu, S.J. Former Vice-Chancellor of University of Madras and Director, Entomology Research Institute, Loyola College, Chennai – 600 034.	Awarded Fellow National Academy of Agricultural Sciences from 1st January 2009 For having been awarded – ‘Environment Award 2008’ from Tamil Nadu Government, Department of Environment on 5 th June 2009.
14. Dr. A. Joseph Jeyapaul, Head, Dept of Economics Loyola College, Chennai – 600 034.	Awarded the ‘Best Teacher Award” from Tamil Nadu State Council for Higher Education.
15. Dr. Ananthi.S Head i/c Central Instrumentation Research & Service Laboratory, University of Madras	Received the “Jawaharlal Nehru Memorial Prize’ from the Institution of Engineers (India).
16. Dr. Balaji.P.D Head i/c, Department of Ancient History and Archaeology, University of Madras.	Appointed as: 1. An expert for the State of Tamilnadu to implement the activities of National Mission on Monuments and Antiquities, New Delhi, under the Archaeological Survey of India, Government of India, by the Director General of Archaeology, Archaeological Survey of India. 2. One of the members of State Level Implementation Committee(SLIC) for Andaman and Nicobar, by the Government of India, to implement various activities of national Mission on Monuments and Antiquities under the Archaeological Survey of India, New Delhi.
18. Dr.Kapali,N.V.R Professor & Head, Department of Adult & Continuing Education, University of Madras	Awarded a “Fellowship by the International Institution, Adult and Lifelong Education at New Delhi on 13 th October 2009.
19. Dr.Manikandan.Y Assistant Professor Department of Tamil Literature, University of Madras	Awarded ‘Ilam Arignar Viruthu” (Rs.1,00,000)/- for 2005-06 from Her Excellency President of India, Semmozhi Tamil Award, Govt. of India, 2009 and ‘Mathi Nutpam Noozhodudiyar” award by Thirukkural Peravai, Chennai.

20. Dr.Mathivannan.N Assistant Professor, CAS in Botany, University of Madras.	Awarded ‘Outstanding Research Scientist’ by World Noni Research Foundation on 25.10.2009.
21. Dr.Muthumary.J, Professor, CAS in Botany, University of Madras	Awarded D.Sc in January 2010.
22. Dr.Palani.G Assistant Professor, Department of Tamil Literature, University of Madras.	Selected as a Member in the Tara Educational Research Society, Chennai.
23. Dr.Premeela.M Chairperson, School of Fine and Performing Arts, Professor & Head, Department of Indian Music, University of Madras.	Conferred 1. Smt. Sankari Narayanan Award by Sri V.Narayana Iyer Memorial Trust on 30th October 2009 at Asthika Samajam, Venus Colony, Alwarpet, Chennai. 2. Sangeetha Sudhamayee Award 2009 by Shree Prakash Cultural Research Centre, Chennai in recognition of her outstanding contribution to Indian Music. 3. Harikatha Rathna:Harikatha Award on 24th November 2009 commemorating the Centenary Celebration of Sangeetha Kalanidhi Embar S.Vijayaraghavachariar by Narada Gana Sabha Trust, Chennai.
24. Dr.Raaman, Professor, CAS in Botany, University of Madras	Awarded: 1. National Citizen Excellence Award 2009 in recognition of Sterling Merit, Excellent Performance & Outstanding Contribution for the Progress of the Nation (Invention of Herbal Remedy for Swine Flu along with Dr.K.Balasubramanian) by the Intellectual People and Economic Growth Association, New Delhi. 2. Bharath Gauraw Award 2010 for Meritorious Services, Outstanding Performance and Remarkable Role (Invention of Herbal Remedy for Swine Flu along with Dr.K.Balasubramanian) by the India International Friendship Society, New Delhi. 3. International Achiever’s Award 2009 for Invention of Ayusrem Swine Flu Remedy and in recognition of Sterling Merit, Excellent Performance and Outstanding contribution for the progress of the National & worldwide, at the International Achievers Summit, Bangkok, Thailand.
25. Dr.Rama Gopalan, Professor & Head, Department of Pathology, University of Madras.	Elected as the President of the Indian Society for Atherosclerosis Research (2010-11).
26. Dr.Rita John, Reader, Department of Theoretical Physics,	Received ‘Tamilnadu Young Women Scientist Award’ for the year 2008, given by Science City, Department of Higher Education, Government of Tamilnadu on

University of Madras	03.02.2010.
27. Dr.Sakthisekaran.D Professor & Head Department of Medical Biochemistry, University of Madras	1. Awarded “M.K.Nambiar Oration Award” in November 2009 from the Indian Association of Biomedical Scientists (IABMS) at Chandigarh, Punjab. 2. Attended and presented a paper (Poster) in the 21 st International Congress on Anticancer Treatment (ICACT) held at PARIS-FRANCE, from 1st Feb to 5th Feb’2010.
28. Dr.Siniruddha Dash, Professor & Head, Department of Sanskrit, University of Madras	Nominated as 1. Syndicate Member of the University of Madras by the Governor Chancellor for the period of three years. 2. A convener of the Linguistic Section by the Chairman of the Organising Committee, 15th World Sanskrit Conference will be held at New Delhi in 2010.
29. Dr.Tamil Selvi Head i/c, Dept. of Kannada, University of Madras	Awarded the: 1. ‘Indira Priyadarshini National Award’ by Priyadarshini Women & Children Development association, Bangalaoe, on 26.1.2010. 2. ‘Kempe Gowda Award’ by Sneha Association, Bangalore, on 1.2.2010. 3. ‘Karnataka Rajyotsava Award, by Sirigannada Samskritika Prathishtana, on 01.12.2009. 4. ‘Best Teacher Award’ by Karnataka Cultural Academy, Bangalaoe, on 13.10.2009.
30. Dr.Venkataraman.G Professor & Head, Department of Indian History, University of Madras	1. Received the Chancellor and Governor of Tamil Nadu’s appreciation certificate for bringing out a Book on “The Raj Bhavans of Tamil Nadu”. 2. Been nominated by South Indian History Congress for delivering Prof.B.C.Ray’s Endowment Lecture for the year 2010-2011.

16. **Internal resources generated:** Rs. 68.80 cr.

17. **Details of Departments getting SAP,COSIST (ASSIST)/DST-FIST etc. assistance/recognitions :** 37

18. **Community Services :**

YEAR	2009-10
No. of Units	233
No. of Colleges	101
No. of Programme Officers	233
No. of NSS Volunteers	23300

ACTIVITIES IMPLEMENTED IN THE REGULAR PROGRAMMES			
Name of the programme	Colleges involved	Volunteers involved	Number of beneficiaries
Conduct of career counselling & guidance programme to unsuccessful students of 10 th & 12 th std.	-	300	250 Screened
Malaria Eradication Camps	25	2500	2500 Screened
Blood Donation Camps	75	7500	7500 Units Collected
Eye Camps	40	2000	1500 Screened
General Medical Camps	80	4000	240 Villagers
Pulse Polio Camps	60	6300	13500 children
AIDS Awareness Programme	90	11600	32000 Persons
Eye Donation Awareness	35	2000	20000
ENVIRONMENTAL PROTECTION PROGRAMMES			
Campus Cleaning	65	6500	40 Campus
Tree Plantation	55	5500	11000 Saplings Planted
Public Place Cleaning and White Washing	12	625	10 Temple 25 Street 5 Schools 5 Buildings 2 White

			Washing Primary and Middle schools 1 Hospitals 10 Bus stop
LITERARY PROGRAMMES			
Literary programmes (Both for school drop outs & adults)	20	2000	12000
SPECIAL CAMP PROGRAMMES			
No. of colleges conducted the camp		86	
MEGA 2009-2010: Book Collection Project			
Mega Project book collection project "Padithathai Perirukku Padikka Kodupom", under this novel project used books were collected on 26 th January 2010 at 9 am to university department students, the affiliated college students of the University of Madras involved in mega project, under this novel project 3,70,572 books has been collected and given to the Anna Centenary Library, Chennai.			

19. Teachers and officers newly recruited : nil

20. Teaching Non-teaching staff ratio : 4:25

21. Improvements in the Library services :

The Madras University Library (MUL) at Chepauk has a collection of 533148 documents. 7267 books were added during the reporting year as purchase. The Library has received 54 books gratis from individuals, National and International organization and also from Governments agencies. 89 periodicals were subscribed for Main Library and Departments grants and 120 periodicals were received as gratis during the year. 441 members were enrolled during the current year. About 1,87,600 books and journals were consulted by the users of the 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 to the needs of the users appearing for various competitive examinations conducted by different Government organizations and institutions.

✓ **Old and Rare collection:**

A closed Access Stack of Books published before 1960 has been organized separately. Books are arranged in classified order and barcoded.

✓ **Database search through CDs**

All researchers and PG students are permitted to search the international dissertation abstracts and CDs accompanied along with documents for their literature survey.

✓ **Access to 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. A quiet member research scholars of the University and affiliated colleges are extensively used this service.

✓ **Digital Library (Theses Collection)**

A separate section for Digital Theses Collection which include Ph.D, M.Phil and P.G. dissertation has been organized, 1994 researcher scholars benefited by using this service.

✓ **Training Programme**

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/ST Book Bank Scheme**

A separate collection of text books for the benefit of SC/ST students is made available.

✓ **Earn While 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”.

22. New books/ journals subscribed and their cost :

SERVICES	AMOUNT in Rs.
BOOKS	7321
COST (A)	43,03,409
JOURNALS	209
COST (B)	16,63,165
E. RESOURCES SUBSCRIBED	431
TOTAL COST (A+B)	59,66.574

THOLKAPPIAR CAMPUS - CHEPAUK

STATISTICAL INFORMATION – 2009-2010		
1	Total Number of holding	533148
2	Documents Added	
	Books Added	7321
	Purchased	7267
	Gratis	54
	Periodicals received during the year	209
	Purchased	89
	Gratis	120
3	New Members Enrolment	441
	P.G.Students	303
	Ph.D scholar	63
	M.Phil students	62
	Institution	8
	Affiliated college:	5
4	No. of scholars consulted Thesis	1994
	Campus students	1451
	Other institutions	543
5	No. of scholars used e-Resources Centre	4939
	No. of e-Resources subscribed	425
6	No. of Volumes Consulted	1,87,600

MARAIMALAI CAMPUS LIBRARY - GUINDY

STATISTICAL INFORMATION (2009-2010)		
1	Budgetary Provisions : (Books & Journals)	Rs.60,89,000
	Madras University Grant	Rs.43,49,000
	UGC	Rs.17,40,000
2	Total number of holdings	104042

3	Total No. of Periodicals received during the year	40
	Print - National	22
	International	17
	Online- International	1
4	Total No. of additions during the year	1233
	Books	1067
	Jl bound vols	166
5	No. of new members enrolled	441
	(Ph.D., M.Phil., PG. Diploma, M.Sc.)	
	Other members :	15
	(Industrial, Institutional & Affiliated Colleges)	
6	No. of readers who made use of the Library	28835
7	No. of documents circulated	5102
8	Total No. of documents consulted	105975
	Books & Back Vols (Jls)	81255
	Journals	15400
	Theses	9320
9	Special Services	
	SciFinder Scholar accessed by users	400
	Online Jls+UGC-INFONET+ebooks+edatabase	15695
	Total No. of scholars who used the following:	
	MALIBNET cards	155
	Visitors (MALIBNET card holders)	112
	Affiliated Colleges, Institution & Industry	654

SEKHIZHAR CAMPUS LIBRARY - TARAMANI

HOLDINGS

Library Collection - 2010		
1	Books	14295
2	Periodical Titles	350
3	Current Journal Titles	40
4	Periodical Back Volumes	8068
5	Theses	876
6	Educational CDs	354
7	e-databases	16 (c)
8	e-books	29
9	e-journals	10 (P+O) + 6202 (c)
10	Newspapers	nil
P= Print, O=Online, (c)= UGC-INFONET consortia		

Statistical Information:

Sl. No	Contents	Total Nos.
1	Documents Added:	
	Books	891
	Books acquired	891
	Journals subscribed	40
	Indian	7
	Foreign	33
	CD ROM	23
	Book accompanied	23
	Library Holdings	
2	Library Holdings	
	Books	14296

	Back Volumes	8068
	Current Titles	40
	Theses	876
	CD ROM	354
3	New Members Added	200
	Ph.D.	33
	M. Phil.	13
	M.D.	5
	M.Sc.	146
	Institutional Membership	3
4	Library Users	22781
	Madras University Members	20786
	Other Colleges/Universities	1663
	Private Institutions	332
5	Books borrowed	6342
6	In House Use	52,977
	Books	18,520
	Journals	11,698
	Theses	1,423
	CD Search	1,658
	Online Information Zone	19,678
7	Photocopies provided	49,809

PARITHIMAR KALAIAGNAR CAMPUS LIBRARY – MARINA

Library users and new Members:	
No. of readers who made use of the Library	23,400
No. of books consulted	46,800
No. of books borrowed	9,000
New Members added	140

UGC – INFONET Facility:

Access to UGC – INFONET: Over 300 e – Journal titles related to Linguistics have been made available to users in the Internet centre of the Library.

Photocopying Service: Photocopying service is provided in the Library premises to students and staff of the Campus.

Earn while Learn scheme: This scheme is extended to four post – Graduate students of this Campus coming from poor families to work as part – time Library Assistants so as to earn an amount to utilize for their studies.

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 requested to obtain Filled-in student feedback forms for all PG courses on each teacher separately. Based on the student's 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.336
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 HOD's concerned.

The entire process of examination results are being 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 work.

27. Increase in the infrastructural facilities :

Sl.no	Department	Infrastructure Facilities
	SCHOOL OF SOCIAL SCIENCES	
1	Adult and Continuing Education	smart board LCD
2	Department of Education	ONE LAP TOP
	SCHOOL OF ECONOMICS	
3	Dr. Ambedkar Centre for Economic Studies	-
	SCHOOL OF ENGLISH AND FOREIGN LANGUAGES	
4	Department of French	3 computers
	SCHOOL OF SANSKRIT AND OTHER INDIAN LANGUAGES	
5	Department of Sanskrit	-
	SCHOOL OF CHEMICAL SCIENCES	
6	Department of Energy	Equipment Spares
	SCHOOL OF LIFE SCIENCES	
7	Department of Biochemistry	Rs 9,16,990
8	Department of Endocrinology	Nikon Trinocular Microscope (Model: 80i)
		biochemical analyzer with UPS- (model: ERBACHEM-5x)
		biochemical analyzer with UPS- (model: ERBACHEM-5x)
		dell laptop(1)
9	Department of Medical Biochemistry	-
10	Department of Microbiology	multipipette with combi plus tips, pH meter, deep freezer
		biosafety lab constructed
		Lyophilizer, Physical balance,
		mini and midi submarine gel electrophoresis unit
		deep freezer (Blue star)- UICIC
11	Department of Pathology	-
12	Department of Physiology	-
	SCHOOL OF NANO-SCIENCE AND PHOTONICS	
13	National Centre for Ultrafast Processes	Cary- 100 Bio UV- Visible Spectrophotometer

28. **Technology upgradation :**

- 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 ups is provided in both Synchronous as well as Asynchronous environment. The Synchronous learning environment simulates real classroom situation wherein students can listen and view.
- The lectures will be in 11 virtual classrooms in real time and students 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 programme 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 :**

Bandwidth : Chepauk Campus (ISP from BSNL 1:1)	10 Mbps
Bandwidth : Chepauk Campus ISP from BSNL from Guindy Campus through NME-ICT-NKN	-
Bandwidth : Chepauk Campus (ISP from Tata Communications)	2 Mbps
Bandwidth : Marina Campus (ISP from BSNL 1:1)	2 Mbps
Bandwidth : Taramani Campus ISP from BSNL from Guindy Campus through NME-ICT-NKN	-
Bandwidth : Taramani Campus (ISP from BSNL 1:1)	2 Mbps
Bandwidth : Taramani Campus ISP from BSNL from Guindy Campus through NME-ICT-NKN	-
Bandwidth : Guindy Campus (ISP from BSNL 1:1)	4 Mbps
Bandwidth : Guindy Campus ISP from BSNL from Guindy Campus through NME-ICT-NKN	-
Internet Access : Students	800-1000
Soft Skill Lab : Students	More than 500
Online Campus Placement : Students	
UGC Research Methodology Course for Research Scholars [Students]	-
Online Programmes : Students	-

Internet Access : Faculties	All the Faculties are provided with Internet/Intranet/ e-journal access
Internet Access [Wi-Fi Access] : Students and Faculties	All the 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 in all the campuses [Chepauk, Marina, Guindy and Taramani] is 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 provides 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 is 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 spams 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:

✓ **POST GRADUATE MERIT SCHOLARSHIP**

The post graduate merit scholarship was awarded to four university rank holders to pursue academic career irrespective of the student's financial status.

✓ **INDIRA GANDHI PG SCHOLARSHIP FOR SINGLE GIRL CHILD:**

The Indira Gandhi post graduate scholarships were awarded to the single girl child for the academic year 2007-2009 irrespective of their financial status. The students who are belonging to the Most Backward and Backward class were sanctioned and released by the government of Tamil Nadu to 204 students of the University Departments (Chepauk and Marina Campuses).

VARIOUS OTHER FELLOWSHIP	
National Board of Higher Mathematics (NBHM)	1
Indian Council of Historical Research (ICHR)	11
Indian Council of Philosophical Research (ICPR)	7
Indian Council of Social Science Research (ICSSR)	1
Council of Scientific & Industrial Research (CSIR)	1
Bureau of Police Research and Development (BPRD)	2
Commonwealth Scholarship (ICCR)	10

Post Matric Scholarship in University Department	350
(Total amount Sanctioned-Rs22,47,285/-)	
Higher Education Special Scholarship for hostel	78
Students (Rs 7000/- per head)	
(Total amount Sanctioned-Rs.5,46,000/-)	
Rajiv Gandhi National Fellowship (U.G.C)	21

31. Support from Alumni association and its activities:

- The regular meeting has been conducted through which various reforms have been effected.
- The alumni link has been created in the university website
- Separate Gmail account has been created and the enrolment form got 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 diseases, fever and any medical emergency. Medical centre also provides medications for the employees for various diseases and is managed by the senior physician. The centre has facilities for computerized E.C.G. and Emergency blood glucose monitoring. Nearly 5000 patients visit the medical centre every year. The medical centre has an experienced staff nurse who would be handy in managing patients during emergencies especially where 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.

34. Performance in sports activities :

Details of Achievements of the students in sports activities.

Sl. No.	Year	Tournaments	Position				Total
			I Gold	II Silver	III Bronze	IV --	
1	2009-10	All India Inter University	6	6	8	-	20
		South / Southwest Zone	3	4	1	-	08
Total Grand			9	10	9	-	28

No of the Players Selected for the VIZZY TROPHY Cricket Tournament

S.No	Year	No of Players
1	2009 - 10	8

All India and South Zone Inter University Tournaments organized by University of Madras under the Auspices of Association of Indian Universities (AIU)

S.No	Year	Game	Tournament
1	2009 - 10	Athletics – Men and Women	70 th All India Inter University Athletic Meet.

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

S.No	Year	Activity
1	2009 - 10	UGC Sponsored National Seminar on “Roll of Modern Training in Physical Education and Sports” on 19 th and 20 th March 2010.

35. Incentives to outstanding sports persons :

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

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

36. Student achievements and awards :

S.no	Department	STUDENTS ACHEIVEMENTS AND AWARDS	
		NAME OF THE STUDENT	ACHEIVEMENTS AND AWARDS
1	Indian History	Mr. S. Imayavaramban	ICHR Junior Research Fellowship
		Mr. N. Karthikeyan	University Research Fellowship
2	Anthropology	Malini. N	L. K Anantha Krishna Iyer Prize
		Malini. N	Venugopal Endowment Medal
			Late Prof. Aiyappan Endowment Medal.
3	Criminology	Ms. Vasundra – II M.A. Criminology:	Gold Medal for securing first rank in M.A.
		Ms. P.S.Lavanya – II M.Sc. Cyber Forensics & Information Security:	Gold Medal for securing first Rank in M.Sc.

4	Psychology	Karunanidhi. S., & Chitra. T. (2010).	Development of the Occupational Stress Inventory for Women Police. Paper presented in the International Conference of Indian Academy of Applied Psychology, Visakapatnam, February 2010. (Won the Best Paper Award – Prof. Dipak Bhat Award).
5	Politics and Public Administration	Thiru.Hari Prasad	Indian Police Service
		Tmt. Esha Sen	UGC-NET-JRF
6	Econometrics		RBI Staff College debate - Winner
7	Library & Information Science	Mr. J.Arumugam	Rank Holder
8	Christian Studies	Mr Daniel Manoharan Solomon	Scholarship from the Institute for Advanced Study in Asian Cultures and Theologies (IASACT), Hong Kong.
9	Indian Music	P. Jayaprakash and G. Arun Krishnan	University of Madras Merit Scholarship
		N.C. Ravali, C. Gayathri and G. Arun Krishnan	Medals and Cash prize at Convocation
10	Department of Tamil Literature & Culture		
		Selvan R. Kamalakannan - M.A.,	UGC-JRF
		Selvi S. Fathima - M.A.,	UGC-JRF
		Selvan Manicka Boopathi - M.A.,	UGC-JRF
		Selvan K. Mutharpavalar - M.A.,	UGC-JRF
		Selvan K. Amaresan - M.Phil.,	UGC-JRF
		Selvi B. Sankari - M.Phil.	UGC-JRF
		Selvan P. Thirugnanasambandam - Ph.D.,	CICT (Central Institute of Classical Tamil) Fellowship
		Selvan K.S. Senthil - Ph.D.,	CICT (Central Institute of Classical Tamil) Fellowship
		Selvi G. Abirami - M.A. II year	Jayagopal Garodia Scholarship
		Selvi R. Krishna Kumari - M.A., II year	Jayagopal Garodia Scholarship
		Selvi J. Girija - Ph.D.,	Jayagopal Garodia Scholarship
		Selvi P. Komala - Ph.D.,	Jayagopal Garodia Scholarship

Selvan K. Kalaivanan - Rs. 5000/-	Sambuvarayar Endowment Scholarship
Selvan K.S. Senthil - Rs. 5000/-	Sambuvarayar Endowment Scholarship
Selvi.P. Komala - Rs. 5000/-	Sambuvarayar Endowment Scholarship
Selvan P. Thirugnanasambandam - Rs. 5000/-	Sambuvarayar Endowment Scholarship
Selvan V. Kannadhasan - Rs. 5000/-	Sambuvarayar Endowment Scholarship
Tmt.J. Chandrika - Rs. 5000/-	Sambuvarayar Endowment Scholarship
Selvi.S. Rajalakshmi - Rs. 5000/-	Sambuvarayar Endowment Scholarship
Selvan R. Kamalakannan - Rs. 3000/-	Sambuvarayar Endowment Scholarship
Selvi S. Jagadheeswari - Rs. 3000/-	Sambuvarayar Endowment Scholarship
Tmt M. Sudha - Rs. 3000/-	Sambuvarayar Endowment Scholarship
Selvi M. Chitra, M.A.	The Lions International Endowment Scholarship
Selvan S. Veera Pandiyan - Rs. 2,000/-	The Lady Willingdon Peace Endowment Scholarship (C&UD)
Selvi D. Jeniffer - Rs. 2,000/-	The Lady Willingdon Peace Endowment Scholarship (C&UD)
Selvi. M. Chitra - Rs. 5000/-	The Tamilnadu Educational Trust Scholarship
Selvan. S. Praveen Kumar - Rs. 5000/-	The Tamilnadu Educational Trust Scholarship
Selvan K. Mutharpavalar - Rs. 5,000/-	A.L. Mudaliar Silver Jubilee Endowment Scholarship
Selvan J. Sanmathi - Rs. 5,000/-	A.L. Mudaliar Silver Jubilee Endowment Scholarship
Selvan S. Maria Reagan - Rs. 5,000/-	A.L. Mudaliar Silver Jubilee Endowment Scholarship
Selvi R. Krishna Kumari - Rs. 5,000/-	A.L. Mudaliar Silver Jubilee Endowment Scholarship
Selvi. G. Abirami	Madras University Merit Fellowship
Selvan. J. Sampath Kumar	Madras University Merit Fellowship
Selvan R. Kamalakannan, M.Phil.	King George V Memorial Prize-2009 & Chintadripet Arcot Thangavelu Mudaliar Memorial Prize-2009
Selvan K. Murugesan	His Holiness The Pope's

			Endowment Scholarship
		Selvan J.Sanmathi - Rs. 2,000/-	The Lady Willingdon Peace Endowment Scholarship (C&UD)
		Selvi S. Fathima - Rs. 2,000/-	The Lady Willingdon Peace Endowment Scholarship (C&UD)
		Selvan V. Manicka Boopathy - Rs. 2,000/-	The Lady Willingdon Peace Endowment Scholarship (C&UD)
11	Department of Malayalam	Harsha	Kerala Verma Gold Medal for M.A. First rank holder
12	Department of Management Studies	Krithika & Pushpa Bhagiyam	Event Management – I Prize - Ethiraj College for Women
		Harikumar & Kavitha	Mediagraphy – I Prize - Ethiraj College for Women
		Pushpa Bhagiyam	Paper Presentation – I Prize - SKR Engineering College
		Pushpa Bhagiyam	Best Manager Award - I Prize – D.G. Vaishnava College
		Pushpa Bhagiyam	Block & Tackle – II Prize - D.G. Vaishnava College
		Pushpa Bhagiyam & Gayatri	Talent Search – I Prize – Vels University
		Krithika & Jayanthi	Business Plan Event –Runner up – SSN College
		Muthu Kumar & Hari Shankar	COGNITO – 2010 – Face painting – III prize – Madras Christian College
		Hari Kumar	Stress Interview – III prize – Madras Christian College
		Pushpa Bhagiyam	Extempore – III prize – Madras Christian College
		Kavin Mary	Paper presentation – I prize – Women‘ Christian College
		Lavanya & Thirupura Sundari	Debate – I prize – Jeppiar Engineering College
		Sangeetha & Soofia Banu	Paper presentation – II place – RMD Engineering College
		Chandilyan	Mediagraphy – vision 75 – II prize - CII
		Hari Kumar	Mediagraphy – vision 75 – II prize - CII
13	Department of Geology	David Lalmingliana Chowngthu – Ph.D Research Scholar –	Rajiv Gandhi Fellowship
		A. Sonia Nathan - M.Phil Student –	Rajiv Gandhi National fellowship, UGC, New Delhi
14	Department of Energy	Mr. B. Joseph Paul	CSIR SRF w.e.f.1-4-2009.

		Mr. R. Kumar	CSIR SRF w.e.f.1-4-2009.
15	Department of Central Instrumentation Research & Service Laboratory	Mr.Balasubramanian -	ICMR-SRF -Submitted Ph.D Thesis
		Mr.R.Gowri Shankar Rao -	URF-UGC -Submitted Ph.D Thesis
		Mr.R.Hariprakash (Ph.D.-PT),	IEEE Best paper Award-@ the IEEE-ICENTRIC-09 Conf., Athens, Nov. 2009)
16	Department of Nuclear Physics	Mr. E. Thirumal (Ph.D. Student)	Best Paper Award for the paper entitled —Synthesis, stabilization, structural, magnetic and electrical properties of FeCo alloy nanoparticles and their silica composites authored by E. Thirumal, D. Prabhu and V. Ravichandran and presented at the National Conference on Multifunctional nanomaterials and Nanocomposites, Bharathiar University, Coimbatore held during 4th and 5th Feb. 2010.
		P. Manimuthu (Ph.D. Student)	Best Paper Award for the paper entitled “Phase stabilization of SrFeO _{3-d} prepared by thermal decomposition method” authored by P. Manimuthu, D. Paul Joseph, S. Philip Raja, K. Saravanakumar, and C. Venkateswaran and presented at the National conference on Recent Advances in Magnetic Materials & Applications (MAGMA 2010), Thiagarajar College of Engineering, Madurai, held during January 20-21, 2010.
		Mr. S. Philip Raja (Ph.D Student)	DST Travel Grant Award for paper entitled —Study of magnetic and electrical properties of nanocrystalline Mn-doped NiO authored by S. Philip Raja and C. Venkateswaran, in the International Conference on Materials for Advanced Technologies (ICMAT 2009) held at Suntec Singapore International Convention and

			Exhibition Centre, Singapore during June 28- July 3, 2009.
		Mr. P. Santhana Raman (Ph.D. Student)	DST Travel Grant Award for presenting a paper entitled ‘Nano-patterning on silica by accelerated In ²⁺ ion beam and its stability under thermal treatment and ion irradiations’ authored by P. Santhana Raman, K. G. M. Nair, M. Kamruddin, A. K. Tyagi, J. Ghatak, U. M. Bhatta, P. V. Satyam, B. K. Panigrahi and V. Ravichandran at the XVIII International Materials Research Congress 2009, Cancan, Mexico, 16th to 21st August 2009.
17	Department of Biochemistry	Dr V.Sivaramakrishnan (Sweden) , Dr S.Kamraj (Sweden) ,	Post-doctoral fellowship
		Dr Jagan (USA),Dr Palsamy (USA) S.Sureshkumar (USA),M. Divya Georget Josephine (ICMR-SRF), M. Daisy Glory (UGC-RFMS), Gopinath (LTMT-SRF),Prakash (CSIR-SRF),V.Saradha (RFMS), S.Umadevi (CSIR-SRF) , P.Madhan kumar (LTMT-SRF).	
18	Centre for Advanced Studies in Botany	K.Saravanakumar, R. Aruna and V. Kaviyarasan	Second Prize - a poster entitled on ‘Response surface Optimization of Extra cellular Laccase Production by using Lentinus sp.l in NATIONAL SEMINAR ON BIOTECHNOLOGY 2009, held at SRM University, Department of Microbiology, Chennai.
		Manjunathan.J , M. Kumar and V. Kaviyarasan	First prize - poster entitled on ‘Taxonomy, Optimization, Antioxidant and Antimicrobial properties of Lentinus tuberregium’, in NATIONAL SEMINAR ON — FUNGAL BIOTECHNOLOGY held at the Department of Biotechnology, Vels University, Chennai, India on 4th and 5th March, 2010.

		M. Kumar and V. Kaviyarasan	First prize - a poster entitled on —Taxonomy and distribution of Pleuroflammula natrajiana – a pathogenic basidiomycetes in Tamilnadul, in NATIONAL CONFERENCE ON —Advances in Plant Pathology held at the CAS in Botany, University of Madras, Chennai, India on 11th and 12th March, 2010.
19	Department of Anatomy	Kathiravan (M.Sc student)	Best paper award for the Paper presented at the Tamilnadu Anatomist conference 2009 held at Chettinad University, Chennai
20	Department of Endocrinology	R. Gokulapriya	Madras University Merit Scholarship
		G. Bindhu	Sarswathi Memorial Endowment Scholarship
		G. Sangeetha	Samburvarayar Endowment Scholarship
		S. Bavithra	Samburvarayar Endowment Scholarship
		P. Rajesh	Samburvarayar Endowment Scholarship
		M. Silambarasan	Madras University Free Education Scheme
		M. Silambarasan	Tamil Nadu Educational Trust
		M. Silambarasan	Maharaja Sri Ganga Singh Endowment scholarship
		S. Karthikeyan	CSIR - JRF
		G.Sharmila	TRF
		C.S.Benson	DST –INSPIRE
		R.Arunkumar	DST –PURSE
		S.Sharmila	UGC - RFSMS
		P.Rajesh	DST-INSPIRE
		S.Sathish	CCRH – SRF
A.Sathyavathy	Best paper award at the national Symposium of SRBCE held at JNU, New Delhi during 4th to 6th February 2010		
A.Pavithra	Awarded Certificate of Completion of MSC7000Y Regenerative Medicine (Training Progame on Regenerative Medicine) for the Academic year 2008-2009, granted by University of Toronto, Ontario, Canada, on May 21, 2010 -		

21	Department of Genetics	Mr.S.Kumaran, II – M.Sc., Medical Biochemistry.	Madras University Free Education Scheme-2009
22	Department of Medical Biochemistry	Ms. P. Anto Jeniffer and Ms. K. Ponshanmugha lakshmi, II M.Sc. Medical Biochemistry.	Madras University Merit Fellowship - 2009
		Ms. Divya Bajoriya, M.Sc	Eric Walker Award
		Mr. D. Ezhilarasan (Research Scholar)	Second Prize for the Poster presentation of a research paper entitled —Silymarin protects liver against diethylnitrosamine and ethanol induced hepatic necrosis and oxidative stress in rats in the XXX Annual conference of Indian Association of Biomedical Scientists held in Chandigarh between 18th 20th Nov. 2009.
23	Department of Microbiology	Mr Vasanthan	Dr. Namasivayam medal from Univ. of Madras (for the first rank holder in M.Sc Physiology)
24	Department of Pharmacology and Environmental Toxicology	Ms G.Gajalakshmi	Nageswara Pantalu award for her research paper from University of Madras
25	Department of Physiology	K. Duraimurugan	Senior Research Fellowship, CSIR
		M. Sharika	Summer Research Fellowship, IAS, Bangalore
26	National Centre for Ultrafast Processes	A. Ajith	SC/ST Scholarship, University of Madras

37. Activities of the Guidance and Counselling Cell :

725 students were provided guidance and counselling.

38. Placement services provided to students:

The unemployed graduates and post graduates those who are registered in USAB office were given temporary placement in Government/ Private and Public sector organization. The USAB organized Campus Recruitment for the University department students and students of affiliated colleges. About 450 students got recruited between April 2010 and December 2010.

39. Development programmes for non-teaching staff:

NAME OF THE PROGRAMME	TOTAL NO. OF PARTICIPANTS
Work shop for Administrative staff of the UoM Theme: “Excellence in the University Administration” From 1.3.2010 to 5.3.2010	40
Training programme for administrative staff members of UoM on “Debit, Credit and Balance (DCB)” FROM 13.7.2010 TO 16.7.2010	40

40. Good practices of the institution :

University healthy 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;
4. Developing reciprocity and cooperation among students;
5. Encouraging active learning with advanced teaching tools;
6. Giving prompt feedback of staff and students, and
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 commitments 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 influence 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 –

- A. Institutional Health
- B. Healthy practices for Teachers which have academic, service related, motivational and quality upgrading efforts
- C. Health Practices for Students as academic, infrastructural and financial and health support oriented efforts
- D. Healthy Practices for Administrative, Technical and Other Non-Teaching Staff Members.

A. INSTITUTIONAL HEALTH:

The University of Madras has institutionalized this Academic Audit & Internal Quality Assurance System in 2005 with due approval of the authorities of the University and established an operational Internal Quality Assurance Cell (IQAC) for both University departments as well as the affiliated colleges. The Academic Audit Committee of the University developed the following ten Quality Assessment Indicators (QAI) covering teaching, research, infrastructure and extension credentials based on which Quality Assessment Scores (QAS) on an 100 point scale based on which software based Quality Assessment Radars(QAR) were developed for each University Department / Affiliated institution.

Academic Audit System of University Departments, affiliated colleges and recognized research institutions through the Internal Quality Assurance Cell (IQAC) can be elaborated as:

THE TEN QAIs FOR UNIVERSITY DEPARTMENTS

- i) Demand for courses / Programmes of the department.
- ii) Teaching-Learning intensity per faculty / department.
- iii) Research guidance at the M.Phil. and Ph.D. levels.
- iv) Research fellowships and publication output from scholars.
- v) Faculty Research and Publications.
- vi) Faculty participation in Conferences / Seminars / Workshops etc.
- vii) Foreign visits by faculty and Foreign visitors to the Department.
- viii) Sponsored Research and Consultancy.
- ix) Conferences / Seminars / Workshops / Symposia organized by the department.
- x) Special recognitions / awards to the faculty / department.

THE TEN QAIs FOR THE AFFILIATED COLLEGES / RESEARCH INSTITUTIONS:

- i) Demand for UG & PG Programmes.
- ii) Students' performance in UG examinations.
- iii) Students' performance in PG examinations.
- iv) Teachers' qualifications and QIPs undergone by the teachers.
- v) Conferences / Seminars / Symposia / Workshops / organized by the college.
- vi) M.Phil. / Ph.D. Programmes being conducted.
- vii) Research Projects conducted and publications made.
- viii) Institutional Infrastructure developed and Sports facilities.
- ix) Student support services and Extension.
- x) The Grade acquired through NAAC.

OTHER INSTITUTIONAL HEALTHY PRACTICES ARE:

1. International Centre of the University of Madras (ICOM) for Promoting Indian Higher Education Abroad (PIHEAD) scheme of UGC to bring about international collaboration, students and faculty exchanges.
2. Statutory provision for inviting non-academia experts from outside the University system as regular experts in all Boards of Studies in the University to the level of 30% in order to bridge the 'gap' between man-power produced by Universities and manpower required by stakeholders.

3. Inter-Institutional Collaborations through Memoranda of Understanding (MoU) with Foreign Universities across the world and National Level Universities / Institutions.
4. University – Industry Consultancy agreements for innovative teaching programmes development of drugs / processes with eight pharmaceutical / Biotech / IT / Management companies.
5. Revival of the Madras University Alumni Association.
6. IT – Networking for all campuses of the University.
7. Modernisation of the Main and Campus Libraries with INFONET / e-Journals / Video-Library facilities.
8. Introduction of e-governance for University Administration.
9. Bringing about inter-departmental work-culture in Education & Research through the University with Potential for Excellence programme both under “Herbal Sciences” and under “Holistic programmes”.

B. HEALTHY PRACTICES FOR TEACHERS (ACADEMIC, SERVICE-RELATED, MOTIVATIONAL & QUALITY UPGRADING EFFORTS)

1. Filling of vacancies of teachers and effecting promotions in order to maintain proper teacher student ratio and provide teachers more time for research and experimentation in teaching – learning process.
2. Video-Conference Interview methodology in the teacher selection process for candidates applied from foreign countries to facilitate larger number of well qualified candidates to take part in the selection process.
3. Yearly Self-appraisal report of teachers for Internal Quality Assurance Cell of the University.
4. ‘Research Starter Grant’ for all the newly appointed faculty members, especially for those at the lecturer level.
5. Reimbursement of Research project proposal preparation expenses of faculty for submitting them for extra-mural grants.
6. Travel fare support for faculty who are invited for presentation of Research project proposal by central funding agencies.
7. Performance linked incentive scheme which includes cash incentive (10%) and infrastructure incentive (90%).
8. Internet facility for faculty members.
9. 50% travel fare support for attending Conferences / Seminars both within India and outside India.
10. Consultancy projects with Official eligibility of a percentage of grants received as consultant’s share as per the consultancy rules of the University.

C) HEALTHY PRACTICES FOR STUDENTS (ACADEMIC & INFRASTRUCTURAL):

1. Credit Based Semester System (CBCS) in Under graduate / Post graduate courses of the affiliated colleges of University of Madras.
2. Choice Based Credit System (CBCS) in all Post graduate programmes of University Departments with inbuilt flexibility, transparency and horizontal mobility of students across the departments of the University.
3. CBCS in all Post graduate programmes of the autonomous and other colleges of University of Madras.
4. New Post graduate courses of global demand in cutting edge areas like Bio-technology, Nanoscience & Nanotechnology, Computer Science, Bioinformatics, Biomedical Sciences, Neurosciences, Molecular Biology, Corporate Sociology, Intellectual Property Rights, Cyber Crimes & Information Security, Actuarial Science, Sustainable Development, Specialisations in Commerce, Economics & Management.
5. Providing parallel Post graduate degree and Diploma Programmes in the two years period of their course through University Departments to improve employability.
6. Conversion of the Institute of Correspondence Education (ICE) of the University as Institute of Distance Education (IDE) with additional facilities for e-learning / interactive education programmes.
7. Introduction of Post graduate Science courses in the University of Madras through the Institute of Distance Education.
8. Publication of Examination results on the Website with downloadable printouts of results.
9. Active implementation of Tele-education in stages using – EDUSAT – INTERNET & WEB BASED Learning facilities.
10. Introduction of internet centres / connectivity to students of the University.
11. Students feed-back mechanism and assessment of teachers in University Departments.
12. 'Earn While You Learn Scheme' for students of University Departments.
13. 'Summer Projects' in University Departments for Graduate students to spot talents among young for attracting them for post-graduate studies.
14. NET / SLET training for P.G. students to gain eligibility for Lectureships in University system.
15. Tatkal scheme for Certificates.
16. Accident-cum-Group Insurance scheme for students.
17. Provision of copies of answer scripts, Revaluation facility and computerization of examination division & Ph.D. Section.
18. Additional security features for degree certificates.
19. Call Centre & Information Kiosks (Touch Screen facility) for the IDE students.
20. Centralised Placement Cell in University of Madras.
21. Additional / New Hostels in University Campuses
22. Students amenity Centres in each of the University Campuses.

D) HEALTHY PRACTICES FOR ADMINISTRATIVE, TECHNICAL & OTHER NON TEACHING STAFF MEMBERS:

1. Free Computer based I.T. Training for all administrative staff members to facilitate smooth transition to e-governance programme of the University.
2. Time bound promotions to all eligible staff on the very same day of vacancy.
3. House Building / Vehicle loan facilities to all eligible non-teaching staff.
4. Group – Insurance scheme for all the staff.
5. Reimbursement of school fee for children of staff – increase of slabs.
6. Liberal provision of over-time allowances and examination duty allowances.
7. Lump sum Medical Grants / Soft loans as per eligibility to all staff.
8. Outsourcing of non- core work like security staff and conservancy staff.
9. Acceptance of the proposal of “Performance Linked Incentive Scheme for the Non-Teaching Staff of the University”.

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

Categories of Foreign Students:

- Research and post doctoral research: Mostly in the sciences. We have ICCR scholars and students who join on their personal initiative.
- Full-time Masters: (i) ICCR scholars (ii) Students who join through MOU signed (iii) students who join through agencies like Ed Cil (iv) Students who join on their personal initiative (Tibetans 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:

Sl. No.	Name of the University	Department	Date of the approval of the Syndicate
1.	Youngsan University, Korea	Dept of French	14 th Aug 2009
2.	University de Cergy Pontoise, Paris, France	Dept of French	14 th Aug 2009
3.	University de Cergy Pontoise, Paris, France	Dept of English	14 th Aug 2009
4.	University of Malaya, Malayasia	General	21 st May 2010

EVENTS RELATED TO FOREIGN DELEGATIONS:

S.No	Event	Date	Purpose
1.	Italian film festival at south Indian film Chamber	July 08, 2010	In collaboration with Indo cine appreciation foundation
2.	His Excellency Roving Ambassador for France, Jacques Valade	January 18, 2010	Lecture at Senate Hall
3	Hon'ble Rob Norris – Minister of Advanced Education Employment and Labour + 5 members	June 03, 2010	Visit to meet and interact with faculty regarding possible

FOREIGN VISITORS

S.No	Date of visit	Name/Country of the Delegates
1.	July 15, 2009	Team from University of Newcastle, Australia, Jamshed A Siddique – Country Director, India, Chief Representative, South Asia, International Office
2.	July 20, 2009	Team from University of South Australia, Adelaide, Pal Alhuwalia – Pro- Chancellor, Anna Cicarelli – Pro Chancellor, Adrian Vicary – HOD Dept of Psychology
3.	July 29, 2009	Team from Renault : Philippe Cusinier and Didier Ballagny
4.	August 06, 2009	Mr Simakov, Director, Russian Cultural Centre
5.	August 17, 2009	Visit of Prof Andrew Farmer from Oxford University
6.	September 7, 2009	Team from Holland, - meeting with Prof. P.T. Srinivasan, MBA Department, UNOM
7.	October 15, 2009	Prof. J.F.M Smith, Director, Centre for Research Innovative and supportive policy and Dr Dorine Collijin, HOD C RISP
8.	December 16, 2009	Talk by Ms Marta Dvorak at Senate Hall

9.	December 17, 2009	Visit of Consul General, French consulate Pondicherry
10.	January 8, 2010	Mr. Christian Lecot, Université de Savoie, France
11.	January 21, 2010	Team from Regions Centre et Pays de la Loire and Tours University headed by Giacometti. And John Webb respectively
12.	January 27, 2010	Team from WVU, Morgantown, USA accompanied by Naina Lal, Associate Provost, Dr Michael Lastingen. Associate Dean for Academic Affaris: Prof. Warren e Myers and Dept of English, Prof. Donald E Hall
13.	January 28, 2010	Russian Prof. Tatiana Perova, Ms Eliena Palistskaya from Moscow State University, Russia
14.	February 1, 2010	Arrival of Interns, l'IUFM de Montpellier, France
15.	February 8, 2010	Prof Andrew Philominaraj (Chile) with a group of Students of Psychology & Commerce from University of TALCA (Chile).
16.	February 13, 2010	Arrival of Prof. Jean Peter, Prof. Sandra Vessier, Radie from Universite de Bretagne Sud
17.	February 22, 2010	Mr Benoit – Jean Bernard, Canadian Consul for commerce-Mumbai
18.	February 24, 2010	Prof. Masanon Tonegwa from Kyoto University, Japan
19.	March 2, 2010	Mr Oscar Pujol, Director Instituto Cervantes, New Delhi
20.	March 10, 2010	Mr Ian Jones, Nottingham University, UK
21.	March 10, 2010	Malaysian Consulate: Mr. Khairuddin Bin Haji Abdullah and his entourage
		• Delegation from the University of Malaya led by the Vice-Chancellor – Dr Jasmon Ghauth, Prof. Rasiah Rajah, Dean Economics, Prof. Moh Sofrain – Dean Sciences, Prof. Ikram Shah Ismail – Dean Medicine, Prof. Hamdi Abdul Shukor – Dean English, Mr. Yusuf Musa – Head International Centre

22.	March 11, 2010	and Dr Evelyn Khor – Deputy Director, Int. Centre. • Canadian High Commission – Mr. Simon Cridland and Mr Omar Allam – Consul and Trade Commission
23.	March 12, 2010	Dr Florence Rodhaim, Montpellier 2- Erasmus Project
24.	March 22, 2010	Team from Northampton University, UK
25.	March 29, 2010	Team from University of Newcastle, Australia and PSB Academy Singapore – Prof. Andrew Low Kin Khoo, Prof. Vincent Peh Weijie, and Mr. Vicki Brew, Deputy Academic Registrar.
26.	April 09, 2010	Meeting with Krista Knopper, Maastricht University, Netherlands
27.	April 28, 2010	Meeting with Director and Deputy Director, Russian Cultural Centre
28.	May 22, 2010	Arrival of Delegation from Cameroon, Africa
29.	May 25, 2010	Ms. Joan Reilly, International Director, Queen University, Belfast, UK
30.	May 26, 2010	SIM University, Singapore, Prof. Neelam Agarwal, Dr K. Shamugam
31.	May 27, 2010	Mr. Omar Allam & Ms. Shubha, Canadian High Commission, Canada
32.	May 31, 2010	Pan African project - Dr Guy Tsala, Dr Tonye Emmanuel, Cameroon, Africa
33.	June 02, 2010	Visit of Ms Celine Champilou, Représentative, Region Centre
34.	June 04, 2010	Consul General of France Pierre Fournier and Honorary Consul for France Ms M Kausalya Devi
35.	June 28, 2010	Meeting with Dr Asko Parpole, Kalaignar Semmozhi Award
36.	June 29, 2010	Meeting with Prof Vignesh Hookoomsingh from Mauritius and Prof Murugaiyan from Paris, France

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

Feedback forms were collected from the Post graduate students and analysed and placed in the Syndicate for approval and distributed to the Faculty.

Answer scripts were collected from the Departments for academic audit.

43. Any other relevant information :

- In the earn while you learn scheme the students have been designated to work as part time laboratory assistants, library assistants, technical assistants and tutorial assistants for specified hours every month.

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

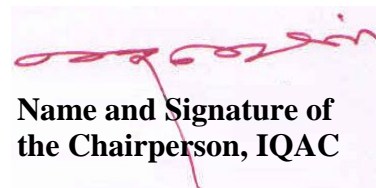
- Introduced full fee exemption scheme for differently-abled students under PG and Ph.D programmes.
- 20% tuition fees concession has been introduced for women, differently-abled and defence service personnel under IDE programme.
- 10% enhancement in the student intake in the colleges functioning the rural areas.
- Reservation policy has been extended for the Ph.D programmes.
- Students strength has been enhanced for all courses in the University Departments.
- Madras University Free Education Scheme has been introduced for University Departments and Affiliated colleges.
- Corpus of Rs.10 Lakh has been created to facilitate talented poor students to pursue research studies in the Universities abroad.
- Internet Centres have been created in the University Hostels.
- Innovative and Inter-disciplinary Boards of Studies have been constituted to initiate new courses.
- PAN African e-network Programme has been launched.

Section – D: Plans of the HEI for the next year

- Planned to revamp the Soft Skill programme
- A compulsory “Students Safety Insurance Scheme” for the students of affiliated colleges and University Departments was planned.
- To overcome the ragging, a black complaint box system was introduced and ragging redressal committee 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 Library, Chennai and The Connemara Library, Chennai to enable the scholars to access these valuable note books.
- Introduced the Single Window system of admission to the IDE programme.
- Introduced the smart card system for students.
- Planned to provide the one desk-top computer to 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 2009 – 2010**

S.no	Department	seminar	national/international/regional
SCHOOL OF HISTORICAL STUDIES			
1	Indian History	Social Justice and Higher Education of OBC"s in India: Some Issues and Strategies	National
SCHOOL OF SOCIAL SCIENCES			
2	Anthropology	Health is the Basic Right-Challenges to Humanity: Current Strategies of Public Health and Medicine	National
3	Adult and Continuing Education	Adult and Continuing Programme „Retrospect and Prospect	International
		Sensitization Programme on “Saakshar Bharath” for Opinion Makers – Media Personnel/Writers/Activists/ Educationists and other Stakeholders	National
4	Criminology	Training Program on “Economic Crimes”, University of Madras	National
		Inter National Conference on Cyber Criminology	International
		Value, Ethics and Human Rights: Contemporary Challenges to Criminal Justice	National
5	Psychology	Sexuality: A Holistic Approach	International
SCHOOL OF POLITICAL AND INTERNATIONAL STUDIES			
6	Anna Centre for Public Affairs	Regional Media"s Changing Face	International
		One day National Children Science Congress focusing on “The Planet Earth – Our Home: Explore, Care and Share	National
7	Defence & Strategic Studies	Coastal Security of India, Coast WATCH 2010 (Wherewithal, Attitudes, Technology, Coordination, Human Resources)	National
8	Legal Studies	Right to Information Act 2005	National
		National Seminar on Science Technology & Law	National
9	Politics and Public Administration	Multidisciplinarity and Methodology: American Studies	National
SCHOOL OF ECONOMICS			
10	Dr. Ambedkar Centre for Economic Studies	Relevance of Socio-Economic Thoughts of Dr. Ambedkar Today	National
11	Econometrics	Orientation cum Refresher Course for the newly recruited Government College Teachers in Economics	regional

SCHOOL OF PHILOSOPHY AND RELIGIOUS THOUGHT			
12	Christian Studies	Terminal Illness and Religion on Oct 22 and 23rd 2009	National
		Religion, Ethics and Media	National
13	Jainology	Social Consciousness and Jainism	National
14	Philosophy	Reinterpretation of Karma in the Modern Age	National
		Democracy, Secularism and Modernity	National
SCHOOL OF FINE AND PERFORMING ARTS			
15	Indian Music	A Composition of My Choice	International
SCHOOL OF TAMIL AND OTHER DRAVIDIAN LANGUAGES			
16	Department of Tamil Language	Tamil Computing	International
	Department of Telugu	Mahakavi Sri Sri: Jivitam, Sahityam, Drikpatham	International
18	Department of Kannada	Mutual impacts among major Dravidian Languages : Kannada, Tamil, Telugu and Malayalam	National
19	Department of Malayalam	Pre-Modern Malayalam literature in Post Modern Literature	National
SCHOOL OF SANSKRIT AND OTHER INDIAN LANGUAGES			
20	Department of Arabic, Persian and Urdu	The Hadeeth Literature of Modern Period	International
	Department of Hindi	Empowerment of Women Depicted in Modern Hindi Fiction	International
SCHOOL OF BUSINESS AND MANAGEMENT			
22	Department of Commerce	21-day Refresher Course on _Recent Trends in Banking Trends and Financial Services	
SCHOOL OF MATHEMATICS, STATISTICS AND COMPUTER SCIENCE			
23	Ramanujan Institute for Advanced Study in Mathematics	One day colloquium	National
		3rd Summer Training Programme in Mathematics	National
SCHOOL OF EARTH AND ATMOSPHERIC SCIENCES			
24	Department of Applied Geology	Local Climate and Disaster Resilience in Chennai	International
25	Department of Geology	Natural hazards and Climate changes	National
26	Department of Geography	Urban Sustainability and Issues	National
		Water resources management-World Water Day,	National
		Geo-literacy for Sustainable Development	National

		World Habitat Day - Better City – Better Life	National
		Geo-spatial Technology for Natural Resource Management	International
SCHOOL OF CHEMICAL SCIENCES			
27	Department of Physical Chemistry	International Conference on Climate Change and Environmental Sustainability In India and Canada- Approaches and Strategies	International
		empowerment of women in science	National
SCHOOL OF PHYSICAL SCIENCES			
28	Department of CAS in Crystallography & Biophysics	International Symposium on Recent Trend in Macromolecular Structure & Function	International
		Recent Trends in bioinformatics & Molecular Modeling	National
29	Department of Central Instrumentation Research & Service Laboratory	Latest techniques in Electronics for use in Scientific Research	National
30	Department of Nuclear Physics	Summer Training Program in Physics	Regional
31	Department of Theoretical Physics	National Seminar on Empowerment of woman in Science and Technology	National
SCHOOL OF LIFE SCIENCES			
32	Department of Biochemistry	Prevention of Colon Cancer Using Natural Products	Regional
33	Centre for Advanced Studies in Botany	National Conference on Advances in Plant pathology	National
		Organized orientation course for the newly recruited Govt. College lecturers	Regional
34	Department of Zoology	Looking Forward: Challenges of Climate on Water and Land	National
		Summer Training Programme in Biological Sciences for Post graduate students in Life sciences	National
SCHOOL OF ENGLISH AND FOREIGN LANGUAGES			
35	Department of English	Climate Change and Environmental Sustainability in India and Canada: Approaches and Strategies	International
		Two Orientation courses conducted by Dr. Armstrong and Dr. Azhagarasan for the newly recruited teachers for the	National

		government colleges	
36	Department of French and Foreign Languages	Italian Film Festival in collaboration with Indo Cine film Appreciation society at the South Indian Film Chamber of Commerce and IIC, New Delhi	
		Conference: Le français dans le monde, Thomas Sineux, Ancien Attacheé de co-operation, BCLE, Pondichery, Evreux, France	
		Madras Day –Multi Media presentations by Mr. S Muthiah, Historian and Dr Ram Seshan; Chief Guest : Vice Chancellor , Special Invitee: Ms Kausalya Devi, Hon Consul for France at Chennai	National