



THE MADURA COLLEGE (AUTONOMOUS)
Madurai – 625 011
Tamilnadu

Annual Quality Assurance Report



2008-09

**Annual Quality Assurance Report of the
Internal Quality Assurance Cell
Of
The Madura College (Autonomous)
Madurai – 625 011**

**Plan of Action
(2008-09)**

Section – A : Plan of Action and Section C : Outcome Achieved

- Proposed to start the following courses
 - a) B.Sc. Information Technology
 - b) B.Sc. Bio-technology
 - c) B.Sc. Electronics and Communication
 - d) M.Phil. Physics

Started the following courses in the Academic Year 2008-09

- a) B.Sc. Information Technology*
- b) B.Sc. Bio-technology*
- c) B.Sc. Electronics and Communication*
- d) M.Phil. Physics*

- Proposed to revise the existing CBCS for U.G. courses as per the TANSICHE norms.

Revised as per the TANSICHE norms.

- Proposed to introduce CBCS for P.G. courses as per the TANCHE norms.

Introduced CBCS for PG Courses as per the TANSICHE norms

- To submit to the UGC the proforma for extension of Autonomous status for the period 2007-12.

Prepared and submitted the necessary documents for extension of Autonomous status to the UGC and got extension up to 2014.

- Proposed to introduce UGC Career Oriented Programme in Medical Lab Technology.

Introduced the Course from the academic year 2008-09.

- Proposed to start a Centre of promotion of Ethics and Human Values under the funding of UGC.

Started functioning from the academic year 2008-09

- Proposed to submit FIST funding for the Department of Mathematics.

Submitted the proposal.

- Proposed to offer papers on Value Education and Environmental Studies to all First Year U.G. Students.

Introduced papers on Value Education and Environmental Studies to inculcate the moral values and create awareness of environment on life.

- Proposed to prepare study materials for the courses on Value Education and Environmental Studies.

Course materials for the above papers were prepared.

- To prepare Question Banks for the course on Environmental Studies and for selected paper in Physics.

Prepared question banks for Environmental studies and selected papers in Physics

- To conduct Orientation Programme for newly recruited teachers.

Steps are taken to conduct the Orientation programme for teachers in the year 2009-10

- Provision of Internet connectivity to all Departments for better ICT Learning.

Broadband internet connectivity is provided to all departments.

- To conduct Soft-Skill orientation programmes for Students.

Some departments have conducted soft skill training programmes. Other Departments are planning to conduct.

- Proposed to offer financial assistance to students attending International Conferences.

Financial assistance was provided to a research scholar of the Dept. of Philosophy to present a paper at a conference at Sydney, Australia.

- Proposed to continue the existing double valuation for papers of UG and PG courses.

Double Valuation is being continued.

- Proposed to give one-time permission for improvement of marks for students who have already been awarded degree but scored between 50% to just less than 60%.

Implemented for the first time in the college and five students got benefited.

- To submit proposals for Major and Minor projects from various funding agencies.

*Six proposals for major / minor projects have been submitted.
For details see **Annexure I***

- Proposed to apply to M.K.U for the approval of Research Centre in Mathematics.

Proposal was submitted to the MKU.

- To encourage the eligible teachers to apply for getting the guideship for Ph.D approval from the M.K.University.

Two teachers got approval and others' papers are under process at MKU.

- Proposed to conduct a one-day workshop on 'Semi Conductor Devices and Applications' for the Higher Secondary Physics teachers of Madurai in collaboration with Indian Association of Physics Teachers.

The workshop was successfully conducted on 21st November 2008.

- Proposed to start a Citizen's Consumer Club in the College.

Started the Citizen's Consumer Club in January 2009.

- Proposed to establish a separate building for Yoga Centre.

Construction work has started.

- Proposed to install an additional generator.

Installed and commissioned a 125 KVA generator.

- Proposed to provide Broadband Internet connectivity to all departments.

All departments are provided with Internet connectivity.

- Proposed to create an Internet Browsing centre for students.

Established an internet browsing centre.

- Proposed to establish a Lab for the proposed Bio-technology course.

Lab Established.

- Proposed to procure / develop e-content for all subjects.

E-content for the following subjects has been prepared / developed.

- a) English*
- b) Commerce*
- c) Tamil*
- d) Philosophy*

- Proposed to conduct a state level seminar on current topic.

A State-level seminar on “Development: Myths & realities” was conducted in March 2009

- Proposed to conduct at least two guest lectures in each department.

*Totally, 66 guest lectures were organized (See **Annexure – II**)*

- Proposed to conduct media awareness programme at the inter-collegiate level.

The department of Philosophy under its Media Research Center Activities conducted 5 media awareness programmes.

- Plan to collaborate with NGOs to conduct awareness programmes.

“Campaign against sex selective abortion” was organized by the NSS Girls units in collaboration with an NGO in January 2009.

To gain practical knowledge of how NGOs are working, the PG Sociology students visited an NGO at Sivakasi as part of the field visit in March 2009.

Section B

1. Activities reflecting the goals and objectives of the institution

To keep in pace with changing world, the college restructured the course pattern for UG and PG courses. The college encouraged the faculty to go for Refresher / Orientation courses and to apply for more projects.

2. New academic programmes initiated (UG and PG)

In the self-finance stream, three UG courses viz., B.Sc. (Bio-technology), B.Sc. (Information Technology) and B.Sc. (Electronics and Communication) and M.Phil. in Physics were started in this Academic Year.

3. Innovations in curricular design and transaction

To enhance the potentiality of students to face the stiff competition either in admission to Higher Educational Institutions or the job market, the entire course structure of UG and PG courses under the CBCS was revamped by the inclusion of Major Elective, Non-major elective and Skill-based elective papers. Also the students have the choice of choosing a number of courses provided as Certificate programmes.

4. Inter-disciplinary programmes started

Non-Major Elective papers and Skill-Based Elective papers cater to this aspect.

5. Examination reforms implemented

Provision for improvement examination is made for students of PG classes who were already awarded degree but scored between 50% to just less than 60%. The Academic Council gave a one-time permission from the academic year 2008-09 onwards for such students to sit for the improvement examinations in any 4 papers.

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

NET : -
 SLET : -
 GATE : -
 JEST : 1 (Kannan, M.Sc. Physics)

7. Initiative towards faculty development programme

	International	National / State level	Total
Seminars / Workshops / Conferences	-	2	2
Papers Presented	1	107	108

8. Total number of seminars/workshops conducted: For List See **Annexure – III**

9. Research projects

S.No.	Research Projects	Number
1	Major	4
2	Minor	-
3	Papers published	47
4	Award of Ph.D.	4 + 4

(See Annexure – IV)

10. Patents generated, if any: Nil

11. New collaborative research programmes: Nil

12. Research grants received from various agencies

Research grant received from various agencies: **Annexure – I**

13. Details of research scholars

Department	Full-time Ph.DScholars	Part-time Ph.D scholars	M.Phil.
Zoology *	2	4	4
Philosophy *	10	1	-
Tamil *	8	5	21
Botany *	1	-	-
Physics *	1	10	12

English	-	-	8
Maths	-	4	1
Sociology	-	-	1

**Research departments*

14. Citation index of faculty members and impact factor :

See Annexure - V

15. Honors/Awards to the faculty: National and International: *Nil*

16. Internal resources generated

By conduct of Certificate courses a sum of Rs.50,000/- was generated.

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

Agency	Department	Purpose	Amount
UGC	Zoology	Career Oriented Programme in Medical Lab Technology	7.0 lakh
UGC	English	Ethics and Human Values	1.4 lakh

18. Community services

The extension programme of the college includes NSS, NCC, Youth Red Cross, Blood Donor's Club. By conduct of various programmes, students were exposed to the needs of different sections of the society and how one can contribute to the upliftment of villages.

Extension Wing	Activity	Place
National Cadet Corps	National Integration Camp	Chennai
	All India Trekking camp	Nainital
	All India Shooting competition	Chandigarh
	National Integration Camp	New Delhi
National Service Scheme	10-day camp "Healthy youth for Healthy India" 23/09/08 to 02/10/08	C.Usilampatti
	Training programme on HIV / AIDS by RRC 8 th & 11 th August 2008	College Campus
	Anti-tobacco rally on 22 nd August 2008.	NSS, MKU
	one-day seminar on "Peace and Non-violence"	
Blood Donors' Club & Youth Red Cross	Blood Donation Camps – 3 camps	College Campus

Students' achievements through extension programmes

NSS :

1. The boys units have a combined strength of 206.
2. 50 students visited the Madurai Railway Station and seen Red Ribbon Express on 17th June 2008.
3. The college Red Ribbon Club has organized 10 hour module training programme on HIV / AIDS on 8th and 11th August 2008, by the RRC District Coordinator. 40 students participated in the training programme.
4. Independence Day program celebrated in the college campus on 15/08/08. 100 students participated. 40 students were deputed to help Samapandhi program for the distribution of free meals at Sri Meenakshi Amman temple, Madurai.
5. More than 60 students participated in the Anti-tobacco rally organized by NSS, MKU on 22nd August 2008.
6. All the three units jointly conducted a 10-day special camp with the theme of "Healthy youth for Healthy India". 120 NSS student volunteers participated in the programme at C.Usilampatti and Erukalai Natham Village held from 23/09/08 to 02/10/08.
7. 78 students participated in the one-day seminar on "Peace and Non-violence" organized by NSS, MKU and Rajiv Gandhi National Institute of youth development, Sriperambadur.
8. NSS students regularly assist police personnel in crowd control during festivals and other functions at places and temples around Madurai.
9. 40 tree saplings were planted in the College campus for this year.

NCC:

In this year our college NCC has 18 girl cadets along with 50 boy cadets.

Cpl. J. Selvakumar attended Pre-RDC training at Pallavaram, Madras.

40 cadets have appeared for their 'B' certificates examination on 28th February 2009.

35 cadets have appeared for their 'C' certificates examination on 7th March 2009.

BDC & YRC :

Three camps were conducted wherein 276 units of blood was donated. Further, 35 units of blood was given on request from Govt. Rajaji Hospital on various occasions. The club has received the shield for the 11th time for donating more number of blood units to the Blood Bank of Govt. Rajaji hospital.

To create AIDS awareness, an exhibition was conducted.

19. Teachers and officers newly recruited:

Category	No. of teachers
Aided	-
Self-financing	9
Total	9

20. Teaching – Non-teaching staff ratio: 1: 0.27

21. Improvements in the library services

a) *One internet connection is given to stand alone system for the library data security.*

b) *On request student and staff are provided the information which they seek on the Internet.*

c) *To make use of audio/video content of educational CDs, a TV and a DVD player are provided.*

22. New books/journals subscribed and their value

	Number	Value in Rs.
Books	1215	3,87,640
Journals	28	30,000

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

Feedback was obtained at the end of each academic year on course content, usefulness of the different papers, and also on teaching / teachers.

<i>No. of students providing the feedback</i>	<i>800</i>
<i>No. of teachers assessed</i>	<i>70</i>

24. Feedback from stakeholders: *NIL*

25. Unit cost of education

Aided Courses	
Total No. of students	1155
Total Expenditure	32359635
Unit cost of education	28017

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

- a) *Salary Bill*
- b) *Audit Statement Preparation*
- c) *Academic Council*
- d) *Admission Process*
- e) *Students Attendance,*
- f) *Examination results, Issue of mark statements, Bonafide certificates*
- g) *Environmental studies objective questions*

27. Increase in the infrastructural facilities:

- a) *Installation & Commissioning of 125 KVA generator*
- b) *Providing Internet Connectivity to all departments/library/Offices*
- c) *Installation of 10 Computers exclusively for Internet Browsing*

28. Technology upgradation

- a) *Broadband internet connectivity to all departments.*
- b) *Establishment of broadband internet browsing centre.*

c) *Installation of 125 KVA generator .in addition to the existing 50 KVA generator*

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

a) *Orientation programme to office staff.*

b) *Internet browsing facility to all students.*

30. **Financial aid to students**

Scholarship		
Category	No.	Amount in Rs
BC/MBC	462	5,34,892
PK/DNC	160	1,43,197
SC/ST	380	13,77,034
MKU Maruthupandiar Scholarship	3	3,750
MKU Sundaralingam Scholarship	4	6,000
Tamilnadu Educational Trust	2	8,000
Research Fellowship	1	3000

31. **Activities and support from the Alumni Association**

a) *Institution of an Endowment scholarship for the amount Rs 1,26,508 by 1970-73 batch B.Sc. (Special) Physics students. The interest earned will be given as scholarships to the first two rank holders in each year of B.Sc and M.Sc Physics courses.*

b) *Institution of an Endowment for the amount Rs 30,000/= for conduct of competitions in Meenakshi Ammai Pillai Tamil by an Alumnus Mr. P.S.Sekar*

c) *Institution of an Endowment for the amount Rs 30,000/= for conduct of competitions in Thiruppavai & Thiruvembavai by an Alumnus Mr P.S.Sekar*

32. **Activities and support from the Parent-Teacher Association**

One-day orientation programme to I year UG & PG students.

Departments that have conducted Parent-teacher meetings: Commerce, & Computer Science.

33. Health services

A general medical checkup to all I year students is conducted every year

34. Performance in sports activities

MADURAI KAMARAJ UNIVERSITY TOURNAMENTS - 2008 - '09

WINNERS:-

- 1 ATHLETICS
- 2 BALL BADMINTON
- 3 CHESS
- 4 CRICKET
- 5 FOOT BALL
- 6 TABLE TENNIS

RUNNER UP:-

- 1 BASKET BALL
- 2 HAND BALL
- 3 KHO-KHO
- 4 LAWN TENNIS

ALL INDIA INTER UNIVERSITY TOURNAMENTS PARTICIPATED

- | | | |
|---|----------------------|------------------------|
| 1 | C.JEYAPRAKASH | III B.SC. CS |
| 2 | R.KALAIYARASU | I B.COM. |
| 3 | M.MOHAMMED FAKRUDEEN | II B.SC. CS
I M.SC. |
| 4 | M.SIDDHAR | CHEM |

SOUTH - WEST INTER UNIVERSITY TOURNAMENTS PARTICIPATED

1	M.MANIKANDAN	III B.SC. MATHS	KHO-KHO
2	J.S.SENTHILKUMAR	III B.SC. CS	KHO-KHO
3	G.MUNEESWARAN	III B.COM.	HAND BALL
4	V.RAM SRINIVAS	I B.COM.	HAND BALL

SOUTH - ZONE INTER UNIVERSITY TOURNAMENTS PARTICIPATED

1	P.SIVACHANDRAN	I B.SC. CHEM	BADMINTON
2	M.ANAND KUMAR	II B.SC. CS	BASKET BALL
3	K.ARUN	III B.COM.	CRICKET
4	P.MUTHUKUMAR	III B.SC. CHEM	CRICKET
5	M.ALAGESWARAN	II B.COM.	FOOTBALL
6	T.PRAVEEN	III B.SC. MATHS	TABLE TENNIS
7	S.SURESHKUMAR	II B.SC. CS	TABLE TENNIS
8	P.KARPAGAVALLI	III B.SC. MATHS	TABLE TENNIS

STATE LEVEL PARTICIPATED

1	G.MUNEESWARAN	III B.COM.	ATHLETICS
2	R.K.MEHABOOB SHADIQ	I M.A. PHILO.	FOOTBALL
3	R.VINOTH KUMAR	III B.SC. PHY	FOOTBALL
4	M.RAMESH	II B.SC. ZOO. III B.SC.	FOOTBALL
5	M.MANIKANDAN	MATHS	KHO-KHO
6	J.S.SENTHILKUMAR	III B.SC. CS	KHO-KHO
7	K.SATHISH	I B.COM.	VOLLEY BALL
8	R.VINOTH	I B.COM.	VOLLEY BALL

DISTRICT LEVEL PARTICIPATED

1	K.THANGA SELVAM	I B.COM.	CRICKET
2	R.RAMKUMAR	I B.COM.	VOLLEY BALL BODY
3	A.SATHISKUMAR	III B.SC. CS	BUILDING BODY
4	T.VISHNU	II B.COM.	BUILDING
5	P.SIVA CHANDRAN	I B.S.C MATHS	BADMINTON

OPEN STATE LEVEL TOURNAMENTS PARTICIPATED

WINNERS:-

- 1 ATHLETICS [JAVELIN THROW]
- 2 BADMINTON
- 3 CHESS
- 4 VOLLEY BALL

35. Incentives to outstanding sportspersons

- a) *Tracksuits and kitbags are provided to University Players from the College.*
- b) *Shorts, Banians are provided to college team players.*
- c) *Food is supplied on the day of matches.*
- d) *Some teachers sponsor the tuition fees for players.*
- e) *On an average, the total incentives to outstanding sports persons is about Rs.40,000/- per year.*

36. Student achievements and awards

S.No.	Name of student	Class / Roll No.	Prize/award	Organization
1	S. Balaraman	I M.A. Tamil	Oratorical competition	Thiruvalluvar Kazhagam
2	V. Anthony Tamilarasi	I M.A. Tamil	Essay writing	Dept of Gandhi Ramalingar Philosophy, MKU
3	A. Anbukkarasi	III B.A. Economics	English debate on Regulated Market in India	Dept of Economics, Thiagarajar College
4	S. Shobarani	I B.A. Economics	English debate on Regulated Market in India	Dept of Economics, Thiagarajar College
5	R. Chandrasekar	III B.A. Economics	Dumb Charades	Dept. of Economics, Lady Doak College
6	A. Karthika	III B.A. Economics	Dumb Charades	Dept. of Economics, Lady Doak College

7	Annammal	II B.A. Economics	Tamil Elocution	Dept. of Economics, Lady Doak College
8	K. Meenambal	III B.Sc. Maths	Paper presentation	Sermathai Vasan College
9	J. Rajila	III B.Sc. Maths	Quiz	Sermathai Vasan College
10	R. Rajeswari	III B.Sc. Maths	Quiz	Sermathai Vasan College
11	K. Meenambal	III B.Sc. Maths	Quiz	Sermathai Vasan College
12	N. Sangeetha	III B.Sc. Maths	Mathematical Puzzles	Sermathai Vasan College
13	V. Dhanalakshmi	III B.Sc. Maths	Mathematical Puzzles	Sermathai Vasan College
14	J. Rajalakshmi	III B.Sc. Maths	Paper presentation	Vivekananda College
15	K. Meenambal	III B.Sc. Maths	Quiz	Vivekananda College
16	R. Rajeswari	III B.Sc. Maths	Quiz	Vivekananda College
17	J. Rajila	III B.Sc. Maths	Quiz	Vivekananda College
18	V Alamelu	III B.Sc. Maths	Mathematical Dumb Charades	Vivekananda College
19	S Hemalatha	III B.Sc. Maths	Mathematical Dumb Charades	Vivekananda College
20	M Revathi	III B.Sc. Maths	Mathematical Dumb Charades	Vivekananda College
21	E Anusuya	III B.Sc. Maths	Mathematical Models	Vivekananda College
22	M Kajeema	III B.Sc. Maths	Mathematical Models	Vivekananda College
23	K. Meenambal	III B.Sc. Maths	Paper Presentation	Lady Doak College
24	V Alamelu	III B.Sc. Maths	Mathematical DumbC	Lady Doak College
25	S Hemalatha	III B.Sc. Maths	Mathematical DumbC	Lady Doak College
26	M Revathy	III B.Sc. Maths	Mathematical DumbC	Lady Doak College
27	M Kajeema	III B.Sc. Maths	Mathematical Models	Lady Doak College
28	S Meenakshi	III B.Sc. Maths	Mathematical Models	Lady Doak College

29	K Srinivasan	III B.Sc. Maths	Mathematical Quiz	Lady Doak College
30	T Praveen	III B.Sc. Maths	Mathematical Quiz	Lady Doak College
31	K Saravanakumar	III B.Sc. Maths	Mathematical Quiz	Lady Doak College
32	B Abhiram Kaushik	I B.Sc. Physics	Quiz	Lady Doak College
33	S Sukumar	I B.Sc. Physics	Quiz	Lady Doak College
34	B Abhiram Kaushik	I B.Sc. Physics	Photo Presentation	Lady Doak College
35	S Sriram	III B.Sc. Physics	Lab Fun	Lady Doak College
36	V Krishnakumar	III B.Sc. Physics	Lab Fun	Lady Doak College
37	S Sriram	III B.Sc. Physics	Paper Presentation	Fatima College
38	R Sivaramakrishnan	III B.Sc. Physics	Quiz	Fatima College
39	V Krishnakumar	III B.Sc. Physics	Quiz	Fatima College
40	M Tamilarasi	III B.Sc. Physics	Dumb Charades	Fatima College
41	A Sriranganayaki	III B.Sc. Physics	Dumb Charades	Fatima College
42	S. Gandhimathi	III B.Sc. Physics	Refresher Course in Experimental Physics	MKU Physics
43	K. Preethi	III B.Sc. Physics	Refresher Course in Experimental Physics	MKU Physics
44	S Sriram	III B.Sc. Physics	Nobel Science Conclave	IIIT, Allahabad
45	R Sivaramakrishnan	III B.Sc. Physics	Nobel Science Conclave	IIIT, Allahabad

37. Activities of the Guidance and Counseling unit

- *A Lecture on “Role of Communication Skills in Personality Development” by Prof. A. Ibrahim, Dept. of English, MSS Wakf Board College, Madurai on 23/01/09.*

- A Workshop on “Resume Writing” by Dr. G. Jayakumar, Lecturer in English, Thiagarajar College of Engineering, Madurai on 23/01/09.
- A Lecture on “Inter-Personal Skills” by Ms. Gayathri, Lecturer in English & Soft Skills Trainer, Thiagarajar School of Management, Madurai on 23/01/09.
- A Lecture on “Soft skill development” by Mrs. Stella, Instructor, SRM Infotech on 09/01/09.
- Research awareness programme for PG students was conducted on 21/01/09 by Dr.L.Rajendran.
- Mathematics training classes for PG students to appear for GATE/NET/SLET conducted every week from 09/03/09 onwards.
- A lecture on “Empowerment of Young Women” by Mrs. Rajalakshmi, The Hindu was given on 11-03-09.
- A One-day seminar on “Developing Communication Skills” by Sri. Ravi Anand, TVS was conducted.
- A One-day seminar on “Enhancing Soft Skills” by SIGMAX was conducted.
- A lecture on “Career guidance for professional courses” by Dr. I. Ashok, Secretary, ICWAI, Chennai was organized.

38. Placement services provided to students

Date	Company Name	No. of students Placed
08-07-08	TMI-First	12
20-07-08	Wipro	10
10-08-08	Beam consultancy	13
28-08-08	Abray Infozis	11
30-08-08	Sure Soft	17
07-09-08	Sutherland	15
09-09-08	Absolute Energy	13
17-10-08	NIIT(Training programme)	07
03-03-09	Creators-Info-Tech	18
Total		116

39. Development programmes for non-teaching staff:

As the college office activities have been automated, basic computer training has been provided to the office staff

40. Good practices of the institution:

a) *Teachers who have successfully guided scholars for their M.Phil degree in the departments offering M.Phil programme are given a honorarium by the management as a token of appreciation of the good work.*

b) *Teachers and Non-teaching Staff who have put in 20 years of service are presented with wrist watches on the College day.*

c) *Each department is allocated a sum of Rs 3000/- to organize events to bring out the inherent talents of students in cultural related activities.*

d) *The College provides space free of cost to The Tamilnadu science forum to all its activities*

41. Linkages developed with National/ International, academic/research bodies

- *Magic Lantern Foundation, New Delhi*
- *Marupakkam – Documentary Film Movement*
- *Federation of Film Societies of India*
- *Turiya Ashram*
- *KOODU*
- *Theosophical Society, Tamilnadu*
- *Indian Association of Physics Teachers*
- *University of Wisconsin*
- *Dept of Applied Physics, Tohoku university, Sendai, Japan.*

- *Institute of Physics and Technology, National Academy of Sciences, Ukrain.*
- *Department of Chemistry, University of Oslo.*

42. *Any other relevant information the institution wishes to add.*

- The Rectorial address was given by Dr. Mool Chand Sharma, Former Vice-Chairman, University Grants Commission, New Delhi.*
- Dr. G. Pankajam, Former Vice-Chancellor, Gandhigram Rural University gave the Graduation Day address.*
- This year's Bharathy memorial lecture was give by Dr Ramasoundravalli of Pallatur College.*
- “ Prose, Poetry and Drama day” , known as Muthamil Vizha was celebrated with Mr S.Raja, a well known speaker and debater as the Chief Guest*
- V.S Suryanarayana Sastrigal “Parithimar Kalaignar “ endowment lecture was given by Prof. K.Jeyamoorthy of Senthamil College.*
- U.V.Swaminatha Iyer Endowment lecture was given by Prof. M. Thirumalai of MKU.*
- Mr R.Subramony, Lecturer in English published his short stories as book “Frying Pan & Other Stories” (ISBN NO: 81-88811-77-7 published by Frog Books, Mumbai)*
- 3 Teachers: Mr J. Suresh (Physics) , Mr P.Kannan (Economics), and I. Mohamed Shaw Alem (Commerce) were awarded Ph.D degree by the MKU.*
- Mr A.Chandra Bose of the English department was awarded Ph.D degree by the Bharthidasn University.*

- j) *Four research scholars: Mr Frederic Rajkumar of Zoology and Mr K.Murugesan, Mr P.velmurugan, and Mr P.Arumugam of Tamil were awarded Ph.D degree by MKU.*
- k) *To gain practical knowledge on “NGO & Social Development”, a field visit to an NGO – “SPEECH” at Sivakasi was arranged.*
- l) *Two students R.Sivaramakrishnan and S.Sriram of III B.Sc. Physics (evening) attended the “First National Science Enclave of Nobel Laurates” held 15-21 December 2008 at Indian Institute of Information Technology, Allahabad.*
- m) *Student tutor scheme for TVS Matriculation Hr. Sec. School, Madurai. 18 students from Language and Science departments rendered their services as tutors to evaluate weekly test papers of the Higher Secondary students.*
- n) *Four issues of the Online Magazine of the Madura College “MADURA MATRIX” were published.*
- o) *A collection of articles on Mathematicians and their work was published as a book by the students of M.Sc. mathematics.*
- p) *The Reader’s Forum of the college has conducted 14 book review meetings.*
- q) *Dr. C. S. Theenathayalan has been recognized as an approved Ph.D. guide in Economics by MKU.*
- r) *Dr. R. Thirumurugan has been recognized as an approved Ph.D. guide in Zoology by MKU.*
- s) *Dr. R. Eswaran has been selected as a central observer by the NCSTC, DST for the 16th National Childrens’ Science Congress.*
- t) *Dr. L. D. Devasree acted as a resource person in the 4th National level workshop on Immunological techniques sponsored by ICMR,CSIR, TNSCST, NCSTC.*

- u) Dr. S. Dinakaran has published the discovery of two new species each from May flies and Caddis flies.*
- v) Dr. S. Dinakaran coordinated the bicentenary birth year celebrations of Darwin organized across the state of Tamilnadu by TNSF.*
- w) Mr. S. Anbalagan has submitted his Doctoral thesis under the guidance of Dr. S. Dinakaran.*

Section D: Plans of the HEI for the next year

- Upgradation of Departments of Maths and Economics as Research Centres.
- Introduction of M.Phil. programmes in Maths & Economics.
- Proposal to be submitted for FIST funding for the departments of Maths, Botany and Chemistry.
- A talking library project for the benefit of visually challenged members
- Proposal to have peer review of the College “Salsearch” journal
- To organize a workshop on Research methodology for Research Scholars.
- To prepare a book on “Value Education”.
- To prepare e-content modules by the faculty for each and every department.
- Computer training programme to all Non-teaching staff.
- Soft-skill programmes for students.
- Eco-awareness programmes for students.
- Human Rights awareness for students.
- Orientation programme for teachers.
- To introduce a certificate course on Women studies.
- Gender sensitization programmes for students.
- To conduct documentary and short film festival through Media Research Centre.
- Offer exclusive “Yoga Therapy” programmes to women.
- Create a herbal garden around the Yoga centre.
- To organize programmes to develop scientific outlook.
- To conduct a seminar in association with Sahitya Academy.
- To build extra classrooms.
- Renovation of the administrative wing.
- Creation of project lab for maths.

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

*Name & Signature of the
Chairperson, IQAC*

Annexure – I : List of Projects

Dr S.Dinakaran Zoology	Gene banking and habitat inventorying of Caddisflies Trichoptera of hill streams of southern, western and eastern ghats	Rs 5,32,600 From 1.5.2006	UGC
Dr L.Rajendran Maths	Mathematical modeling and Analysis of diffusion process of enzyme substrate reaction	Rs.21,00,000/= From 1.2.2009	DST
Dr N.Pannerselvam Botany	Studies on the monitoring of human peripheral blood lymphocytes of traffic policemen	Rs.6,56,800/= From 1.2.2009	UGC
Dr S.Karuppusamy Botany	Studies on the essential oil composition and pharmacological screening of genus Haracleum from western ghats of southern India	Rs. 7,27,800/= From 1.2.2009	UGC
Dr. R. Saravanan Physics	Bulk growth and X-ray characterization of local structure in Silicon and germanium based dilute magnetic semiconductors	Rs.9,09,000/= Proposal submitted	CSIR
Dr. R. Saravanan Physics	Growth and Characterization of Bonding and local structure of Oxide Based Dilute magnetic semiconductors	Rs.9,32,000/= Proposal submitted	UGC
M.Karpagavalli	Generation of New Heterocyclic compounds from open chain compounds and their biological activities	Rs.10,50,000/= Proposal submitted	UGC Dec 2008
Dr.Sheela P. Karthik & Mr. V. Balakumar	Split and Complex identities in the fiction of select Indo-Caribbean Canadian writers.	Rs.10,00,000/= Proposal submitted	UGC Major Project
Dr.Sheela P. Karthik & Mr. V. Balakumar	An annotated Bibliography of Indo-Caribbean Canadian writers.	Rs.1,50,000/= Proposal submitted	UGC Minor Project
Dr.A.Chandrabose & Dr.R.Raja	Reparing an e-content for learning and assessing comprehensive skills in English	Rs.7,17,000/= Proposal Submitted	UGC Major Project

Annexure – II : List of Guest Lectures

Department	Date	Topic	Guest
Tamil	24-02-09	தமிழகக் கோயில்கள்	Dr.V.Vedachalam, Dept of Archeology, Govt of TN
	25-02-09	ஊடகத்தமிழ்	Dr.S.Avudaiappan, AIR, Madurai
	25-02-09	விடுதலைப் போரில் தமிழ் இதழ்கள்	Dr.V.Gopal, Yadava College
	07-03-09	தமிழ்ப் பண்பாட்டுக்கூறுகள்	Dr.R.Jegadeesan, Asst. Director, Dept. of Culture and Arts, Govt of TN
	07-03-09	இலக்கணக் கோட்பாடுகள்	Dr.I. Petchimuthu, Thiagarajar College
English	22-01-09	Mathew Arnold as a Critic	Prof.V.SankaraSubramanian
	26-02-09	Commonwealth Literature	Dr.J.Samuel Kirubakar, VHNSN College, Virudhunagar
	26-03-09	Contemporary Critical Theories	Dr.G.Dominic Savio, American College, Madurai
Hindi	23-01-09	Hindi Yesterday, Today and Tomorrow	Dr. Karimulla, Lecturer in Hindi, Jamal Mohammed College , Trichy
	06-03-09	Hindi in Daily Use	Ms. Preethi Latha, Lecturer in Hindi, Fatima College, Madurai
	07-03-09	Hindi as a National Language	Dr. Rohini Pandian, Lecturer, American College, Madurai
Sanskrit	30-03-09	Importance of Sanskrit	P.P.Sudarsan, Sourashtra College
	31-03-09	Works on Neelakanda Deekshita	C.R.Anantharaman, Vivekananda College
Economics	22-01-09	WTO and India	Dr.Mathiazhagan, National College, Trichy
Sociology	22-01-09	Employment : Scope and Opportunities	Mr.P.Suresh Kumar, Director, District Employment Office, Tiruchi Region
	19-02-09	Human Resource Management trends and challenges	T.M.Venkatamurugan, MISS, Madurai
	23-02-09	Effects of life style of health	Dr.M.Muthukumar, Asst. Surgeon, Govt. Rajaji Hospital
	25-02-09	NGO Registration norms and procedures	Mr.N.Sekaran, District Registrar, Madurai North
	05-03-09	Changing power structure in local governance	Dr.R.Mangaiyar Karasi, Dept. of Political Science, MKU

	13-03-09	Construction of News in media	Dr.V.Natarajan, Reader, Dept. of Communication, MSU.
	17-03-09	Understanding Fundamentalism	Mr.Chistopher Sherwood, American College, Madurai
Philosophy	06-01-09	The Philosophy of Theatre	Dr.S.Murugaboopathy
	28-01-09	Resume Writing and Interview Skills	Prof.B.P.Pereira
	11-03-09	The Philosophy of Dr.S.Radhakrishnan	Prof. Christopher Sherwood, American College, Madurai
Maths	23-03-09	Vaishnavism and Indian Culture	Prof.L.Muthukumarasamy, Tamil University, Tanjore
	18-03-09	Beauty of Mathematics	R.Sridharan, ICFAI, Madurai
Physics	21-02-09	Parallel Worlds	Dr.Philominathan, Sri Pushpam College, Poondi
	21.02.09	Introduction to Non-linear dynamics	Dr.Philominathan, Sri Pushpam College, Poondi
	04-03-09	Thin film characterisation	Dr.S.R.Srikumar
	06-03-09	Non-linear Optical materials	Dr. S. Asath Bahadur
Chemistry	02-01-09	NMR Spectroscopy and Imaging	Prof. N.Chandra kumar, IIT, Chennai
	28-02-09	Aromacity	Dr.J.Shankar, Kyoto University, Japan
Botany	22-01-09	Role of Agmark in human welfare	R.Mohana Sundaram, Sr.Marketing Manager,Ministry of Agriculture.
	22-01-09	Basic tests to find out Food Adulterants.	P.Shanthi,Agriculture Officer,Agmark.
	20-02-09	Biodiversity informatics	Dr.N.Ayyapan,French Research Institute,Pondicherry.
	23-02-09	Diversity,Evolution, Energy-Ensemble.	Dr.K.Raman,Rtd.Professor,The Madura College.
	28-02-09	Bioinformatics and Drug Designing	Dr.R.Murugappan,Reader, Thiagarajar College,Madurai.
	02-03-09	Plant names in Tamil Poets	Dr.D.K.Subramanian, Retd.Prof. of Tamil, The Madura College, Madurai.
	03-03-09	Plant tissue Culture and its applications	Prof. S.Baburaj, Thiagarajar College,Madurai.
	13-03-09	Gene Regulation in Prokaryotes.	Dr.K.K.Natarajan,.Reader&Head,S.N.College,Madurai
	30-03-09	Shore to hill tops	Dr.D.Stephan,The American College.
Zoology	09-01-09	Culture of crabs	Dr.P.Soundarapandian, Annamalai University

	26-03-09	Cloning in Animals	Dr.S.Kannan, Bharatiar University, Coimbatore
Commerce	01-02-09	Emerging trends in Cost Management	Dr.I.Ashok, Treasurer,South India Regional Council Institute of Cost and Works Accountants of India, Chennai.
	18-02-09	Developing Communication Skills	Srinivasan, Manager,TVS Community College,Madurai.
	21-02-09	Role of family Business in the Global Market	Dr.R.Gopal Samy, Professor, Institute of Cooperative Management,Madurai.
	25-02-09	Management of Change	Ravi Anand, TVS School,Madurai.
	28-02-09	Role of Business Education in the changing Environment	Dr.I.Ashok, Treasurer,South India Regional Council Institute of Cost and Works Accountants of India, Chennai.
	07-03-09	Career guidance for professional courses	Dr.I.Ashok, Treasurer,South India Regional Council Institute of Cost and Works Accountants of India, Chennai.
Computer Science	23-01-09	Recent Trends in I.T.	Mr.B.Srinivas
	18-02-09	Industrial applications of multimedia	Mr.N.M.Adinarayana
	21-02-09	Net Programming and & silverlight	Mr. V. Hilbert, Microsoft Student Partner
	11-03-09	Computer and Communications	Mr.S.N.Karmresh
	18-03-09	Computer and Animation	Mr.S.Karthick
	20-03-09	Open source code &its implementation	Mr.K.Ahamed
	09-01-09	Soft Spoken Skill development	Mrs. Stella, SRM Infotech.
	06-02-09	Networking	Mr. Athideera Pandian, Pandian Systems and Solutions, Madurai
	27-02-09	Computer Animation Techniques	Mr. Balakrishnan, Chief Executive, iGATE total solutions, Chennai
	21-02-09	OS Security and dot net programming	Mr. V. Hilbert, Microsoft Student Partner
Micro-Biology	28-02-09	Bio-Informatics	Dr. R. M. Murugappan, Thiagarajar College, Madurai
	27-03-09	Vaccines	Dr. C. Sankara Narayanan, SN College, Madurai

	27-03-09	Genomics and Proteomics	Dr. V. Parthasarathy, Vivekananda College, Tiruvedakam
	27-03-09	Prokaryotic Genome	Dr. K. Lingakumar, ANJA College, Sivakasi
	27-03-09	Immunological aspects of HL4	Dr. K. Balakrishnan, BDU, Trichy
	27-03-09	Bioremediation	Dr. P. Rajendran, Vivekananda College, Tiruvedakam

Annexure – III

List of Seminars / Workshops Conducted

S.No.	Seminar / Workshop	Title	Date
1	State-level	Development : Myths and Realities	20, 21 March 2009
2	National	Ethics and Values : Bridging differences and Building Understanding	20, 21 December 2008
3	State-level	Film Appreciation Workshop	14 th – 17 th August 2008
4	State-level	Women International Film Festival	10, 11 October 2008
5	State-level	Diamond Jubilee of Films Division	22 October 2008
6	State-level	Documentary Film Festival	3 rd – 7 th December 2008
7	Inter-collegiate	Tamil seminar	30 th March 2009

Annexure – IV : Papers Published

K.Muthan	தமிழ் மன்னர்களின் ஒற்றுமைக் குறைவால் ஏற்பட்ட சீரழிவு	2008 செந்தமிழ் இதழ், மதுரைத் தமிழ்ச் சங்கம், மதுரை-1.
S.Dhanasamy	நாட்டுப்புறவியல் மருத்துவக் கூறுகள்	குறிஞ்சி 2008 தமிழ்த்துறைப் பன்னாட்டுக் கருத்தரங்கம், திருச்செங்கோடு
N.Rathinakumar	திறனாய்வில் வடிவம் சார்ந்த புதிய பரிமாணங்கள்	மே 2008 புத்திலக்கிய ஆய்வுகள் ஞாலத் தமிழ்ப் பண்பாட்டு ஆய்வு மன்றம்.
N.Rathinakumar	கிறிஸ்தவாவும் ஊடிழைப் பிரதியும்	2008 ஆய்வுக் கோவை இ.ப.த.ம. மதுரை.
N.Rathinakumar	எழுபதுகளுக்குப் தமிழ்த் திறனாய்வும்	2008 தமிழய்யா வெளியீட்டகம், திருவையாறு
P.Padmini	Eco Consciousness in R.Parthasarathy's A River and K.N.Dharuwalla's Death of a Bird	Diviner International Journal, July 2008
P.Padmini	Why and How of Literature in Language Classroom	Literature and Language (National), October 2008
R.Subramony	Evolution of Conscious in Sri Aurabindo's Philosophy	National Level Seminar 2008-Madura College, Madurai.
P.Kannan	State Level Seminar	Arumugam Seethai Ammal College, Tirupattur
	“Small Scale Industrial Sickness and Rehabilitation – An Analysis”	National Seminar on Sree Saraswathi Thyagaraja College, Pollachi – 17 th October 2008.
V.Srimannarayanan	“The working of Micro Financial Institutions in India – A Critical Analysis”	UGC StateLevel Seminar at Arumugam Pillai Seethai Ammal College, Tirupattur. – 27 th August and 28 th August 2008.
	“Small Scale Industrial Sickness and Rehabilitation – An Analysis”	National SeminarAt Sree Saraswathi Thyagaraja College,Pollachi –17 th oct2008.
C. Natarajan	New Derivative product on the anvil	Journal of Banking and Finance, Nov 2008.
C.Gopinathan	Structural Analysis of ZnS by MEM Method	International Conference – Material Science Research and Nano Technology – Mother Theresa University, Kodaikanal, 27-29, 2008

R.Saravanan	Electron density distribution in Si and Ge using multipole, maximum entropy method and pair distribution function analysis	Pramana (Indian Academy of Sciences), Vol.70(4), pp.679-696, 2008
	X-ray determination of charge transfer in solar grade GaAs	J.Phys. Chem. Solids (Elsevier), Vol.69, pp.83-86, 2008
	X-ray characterisation of Ag impurities in $\text{Na}_{1-x}\text{Ag}_x\text{Cl}$	Defects & Diffusion Forum (DDF) (Trans Tech Pub.), 278, pp.33-34, 2008
	Local structure of the thermoelectric material Mg_2Si using XRD	J.Alloys and Compunds (Elsevier), in press
	Local structure of the high temperature thermoelectric material PbTe using maximum entropy method (MEM) and pair distribution function (PDF)	J.Phys. Chem. Solids (Elsevier), in press, 2008
	Growth of novel diluted magnetic semiconductor material $\text{Ge}_{1-x}\text{Mn}_x$ and X-ray characterization by maximum entropy method (MEM) and pair distribution function (PDF)	J.Crystal Growth (Elsevier), in press, 2008
	Structural analysis of Al, Ni and Cu using MEM, Multipole and pair distribution function	Zeitschrift für Naturforschung Reaktion (Germany) in press, 2008
	Comparison of electronic structure of solar and as grown silicon samples	Submitted, 2008
J.Suresh	Hexaazinc (II) diprate	Acta Cryst, E64, m581, 2008
	(3R*, 4R*, 5S*)-4-(4-Methylphenyl)-2,3-diphenyl-7-[(R*)-1-phenylethyl]-1-oxa-2,7-diaspiro[4.5]decan-10-one oxime	Acta Cryst, E64, o590, 2008
	(5S, 6S, 10R)-10-(2,4-Dichlorophenyl)-14-[(E)-(2,4-Dichlorophenyl)-methylidene]-3,9-diphenyl-12-[(R)-1-phenylethyl]-1,4,7-trioxa-2,8,1-triazadispiro [4.0.4.4]tetradeca-2,8-diene	Acta Cryst, E64, o199-o200, 2008
	(1R,4R,5R)-1,3,4-Triphenyl-7-[(R)-1-phenylethyl]-2-oxa-3,7-diaspiro[4.5]decan-10-one	Acta Cryst, E64, o343, 2008

	Crystal Structure of 2,6-Bis(4-chlorophenyl)- 3-azabicyclo [3.3.1] nonann-9-one	Analytical Sciences, Vol.24, x133, 2008
	Crystal structure of 4,8,9,10-tetraphenyl -1,3-diazadamantane	Analytical Sciences, Vol.24, x24, 2008
M.Premarani	Structural analysis of Al, Ni and Cu using MEM, Multipole and Pair Distribution Function	Z. fur.Nutar (2008)
	X-Ray characterization of Ag impurities in Na _{1-x} Ag _x Cl	Defect and Diffusion Forum, Vol.278, pp.33-34, 2008
S.Dinakaran	Macroinvertebrate colonization and breakdown of two leaves species of in an astatic pond in south India.	International JJournal of Environmental Biology, 29 (2): 249-252, 2008..
	Habitat aptness and spatial heterogeneity of aquatic insects in Western Ghats: linking multivariate analysis.	The Ecoscan, 2(1): 51-60, 2008.
R.Eswaran	Renewable and Non-renewable Energy	Environmental Studies- PP-11-21, 2008,
P.Kannan	TDZ induced shoot multiplication of E.travenoricum	Indian J.of Biotechnology, 2008
	Rapid clonal multiplication of medicinal Cegune C.bonduc	Asian J.of Micro, biokch, Environment Science, 2008
Karuppasamy	Callus culture and plant regeneration from seedling Explants of perularia daemia (forsk) Chiov.	J.Plant Biochemistry & Biotechnology (2008).17:99-101.
	Two new varieties of Caralluma stalgmifera Fisch.from South India	Rheedia (2008).Vol.17/No.182/41-45
G.Marimuthu	Superior domination in graphs	Utilitas Mathematica 16, pp.173-182, 2008
R. Murali	The political economy of social justice	www.articlebase.com
M. Susitra	Derrida and Nagarjuna	International Conference on "Derrida Today" at Macquire University, Sydney, Australia
L.Rajendran	Modelling of non-linear reaction – diffusion processes of amperometric polymer-modified electrode	Journal of Theoretical and Computational Chemistry , Vol 7, No1 (2008) 113-138

	A comparison of diffusion limited current at micro-electrodes of various geometries for EC' reaction	Electrochimical Acta 53 (2008)3566-3578
	A comparison of diffusion limited current at microelectrodes of various geometries for E' reaction	Journal of Theoretical and Computational Chemistry (in press)
	The Application of He's variational iteration method to nonlinear boundary value problems in enzyme-substrate reaction diffusion processes : Part 1.The steady-state amperometric response	Journal of Mathematical Chemistry (in press)
	Analytical expression of transient chronometric current at ultramicroband electrode	Russian Journal of Electrochemistry (in press) of
V.Ananthaswamy	On sequences in a Banach Algebra	Acta ciencia indica xxxivM.No.2 (2008) pp. 729-731
I.Sahul Hamid	Simple Graphoital covers in graphs	JCMCC,(2008) 79-95

Annexure – V : Citation Index and Average Impact factor

S.No.	Name	No. of Papers Published (Including presentation in conferences)
1	Dr. K. MUTHUVEL	10
2	Dr.K.MUTHAN	3
3	Dr. N. M. V. RAVI	3
4	Dr.S.DHANASAMY	4
5	Dr.N.RATHINAKUMAR	5
6	A. ATHEESWARI	4
7	P.PADMINI VISWANATHAN	3
8	SHEELA P KARTHIK	1
9	K SHANMUGARAJ	1
10	R.SUBRAMONY	3
11	S. SUDHA	1
12	R. ATHISETHURAMANATHAN	1
13	DR. MAYIL MURUGAN	2
14	P.KANNAN	4
15	Dr.V.SRIMAN NARAYANAN	4
16	S. KARTHIKEYAN	1
17	Dr.R.MURALI	7
18	Dr. M. SUGUMARAN	1
19	P. S. HARIKRISHNAN	2
20	P. GAJENDRAN	1
21	M MALARVIZHI	2
22	Dr.C.GOPINATHAN	1
23	Dr.R.SARAVANAN	7
24	J.SURESH	6
25	M.PREMARANI	2
26	Dr.S.DINAKARAN	7
27	Dr.R.ESWARAN	1
28	Dr. PANEERSELVAM	1
29	P. KANNAN	1
30	Dr.KARUPPASAMY	6
31	Dr.G.MARIMUTHU	1
32	Dr. K. M. Dharmalingam	1
33	Dr.L.RAJENDRAN	5
34	V.ANANTHASWAMY	1
35	Dr.I.SAHUL HAMID	4

Average Impact Factor : N.A.

Orientation courses Attended

Dates		University
S.Dhanasamy	14-05-2008 to 10-06-2008	Madurai Kamaraj University
S.Balakumar	14/05/08 to 10/06/08	Madurai Kamaraj University
V.Meenakshi Sundaram	24.09.2008 to 21.10.2008	Madurai Kamaraj University
Dr.M.Karpagavalli	14.05.2008 to 10.06.2008	M.K.University
Dr.R.Thirumurugan	19.08.08-15.09.08	Madurai Kamarajar University
P.Kannan	24.09.08 to 21.10.08	M.K.U.
Dr.K.M.Dharmalingam	24.09.2008 to 21.10.2008	M.K.University

Refresher courses Attended

P.Padmini	15.09.2008 to 07.10.2008	University of Kerala
P.Kannan	11.11.2008 to 01.12.2008	M.K.University
R.Gopi	11.11.2008 to 01.12.2008	M.K.University
Dr.R.Anbzhagan	11.11.2008 to 01.12.2008	M.K.University
R.Punitha	06.11.2008 to 26.11.2008	M.K.University
Dr.N.Paneerselvam	6.11.08 to 16.12.08	MKU
S.Muthukumar	24.07.2008 to 13.08.2008	M.K.University