

Annual Quality Assurance Report 2008-09

Submitted by



Meenakshi College for Women (Autonomous)

Kodambakkam, Chennai 600 024

20th March, 2009

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Members of the IQAC

Dr. K. S. Lakshmi Secretary & Correspondent	<i>K. S. Lakshmi</i>
Dr. K. V. Ramanamma Principal	<i>K. V. Ramanamma</i>
Mr. C. R. Sivaramakrishnan Senior Administrative Officer	<i>C. R. Sivaramakrishnan</i>
Dr. C. Sethukarasi HoD, Department of Advanced Zoology and Biotechnology	<i>C. Sethukarasi</i>
Mrs. P. V. Geetha HoD, Department of Mathematics	<i>P. V. Geetha</i>
Dr. Rukmani Vathanam HoD, Department of History	<i>Rukmani Vathanam</i>
Ms. Karpagam M. HoD, Department of Economics	<i>Karpagam M.</i>
Dr. Sankari G. Associate Professor, Department of Physics	<i>Sankari G.</i>
Dr. N. Manju Associate Professor, Department of Physics	<i>N. Manju</i>
Ms. Meenakshi Lakshmanan HoD, Department of Computer Science	<i>Meenakshi Lakshmanan</i>
Mr. K. C. Raghavan National Expert, IDO Executive Member, QCFI Chennai Chapter	<i>K. C. Raghavan</i>
Mr. V. S. Vikram Director, Meenakshi Sundararajan School of Management	<i>V. S. Vikram</i>



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Institutional Vision and Mission

The Institutional Vision is to work towards the goal of continuous improvement in the discovery and sharing of knowledge by providing broad-based quality higher education on global standards to young women, particularly from the neighbourhood, in order to transform them into responsible and self-reliant individuals with a receptive mind for liberal arts & culture, and an empathetic attitude to societal problems.

The Institutional Mission:

- To provide quality higher education and sustain academic excellence.
- To provide all the physical, human and technological infrastructure for an effective learning process.
- To create a stimulating environment for motivating research and development.
- To foster institution-industry interface that ensures academic programmes appropriate to employment needs.
- To develop the aptitude for appreciating liberal arts and culture among students.
- To impart values of patriotism, integrity and compassion for the under-privileged in a conscious manner.

Preamble

IQAC Members

1. Dr. K. S. Lakshmi, Secretary & Correspondent
2. Dr. K. V. Ramanamma, Principal
3. Mr. C. R. Sivaramakrishnan, Senior Administrative Officer

Senior Teachers

4. Dr. C. Sethukarasi, HoD, Department of Advanced Zoology and Biotechnology
5. Mrs. P. V. Geetha, HoD, Department of Mathematics
6. Dr. Rukmani Vathanam, HoD, Department of History
7. Ms. Karpagam M., HoD, Department of Economics
8. Dr. Sankari G., Associate Professor, Department of Physics
9. Dr. N. Manju, Associate Professor, Department of Physics
10. Ms. Meenakshi Lakshmanan, HoD, Department of Computer Science

Eternal Experts on Quality Management

11. Mr. K. C. Raghavan, National Expert, IDO & Executive Member, QCFI Chennai Chapter
12. Mr. V. S. Vikram, Director, Meenakshi Sundararajan School of Management

Thrust Area for the Academic Year 2008-09

The thrust area for the institution for the academic year 2008-09, identified by the IQAC during its meeting held on 9 July, 2008, was **Fostering Global Competencies**.

The following **action plan for the year** was outlined by the IQAC:

- To frame strategies for using technology in teaching, learning and evaluation practices.

- Towards this goal it was decided to conduct online tests for the paper General Knowledge (Code: OGK) as a pilot study.
- To recommend to the College Management to enhance technological capability in each department.
- To improve the communication skills of the students by introducing two new papers titled “Communication skills for Enhancement of Language Skills’ across all disciplines involving effective use of the Language Lab.

Report for the Academic Year 2008-09

The Criterion-wise facts and achievements of the institution during the academic year 2008-09 are summarized below.

Criterion I: Curricular Aspects

1. Academic Council Meeting

- The Academic Council met on 07 August, 2008 and ratified the changes to syllabi for the following UG and PG Courses as recommended by the respective Boards of Studies.

UG Courses:

- B.A. History
- B.A. Economics
- B.Sc. Mathematics
- B.Sc. Physics
- B.Sc. Chemistry
- B.Com.
- B.Com. Banking Management

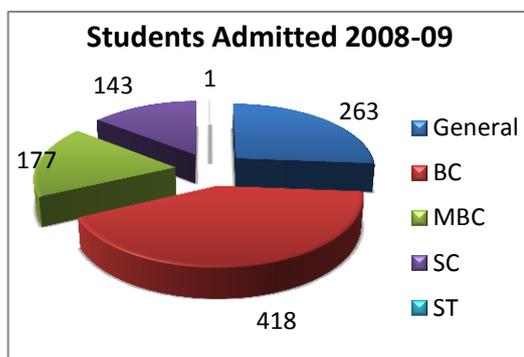
PG Courses:

- M.A. Economics
 - M.Sc. Mathematics
 - M.Sc. Physics
 - M.Sc. Information Technology
 - Master of Computer Applications
 - M.Com.
- The recommendation of the Board of Studies in Computer Science to condense the 3-semester skill-based course on Computer Fundamentals offered to B.A. History and B.A. Economics students into a 2-semester course with theory and practical papers, was ratified by the Academic Council.

Criterion II: Teaching-Learning and Evaluation

1. Student Admissions

Category	No. Admitted
General	263
BC	418
BCM	-
MBC	177
SC	143
SCA	-
ST	1
Total	1002



2. Demand Ratio Analysis

#	Programme	Applicants	Students admitted	Demand Ratio
1.	B.A. History	85	40	1 : 2.1
2.	B.A. Economics	94	38	1 : 2.5
3.	B.A. English Literature	68	23	1 : 3.0
4.	B.Sc. Mathematics	1003	70	1 : 14.3
5.	B.Sc. Physics	390	49	1 : 8.0
6.	B.Sc. Chemistry	210	50	1 : 4.2
7.	B.Sc. PBPBT	222	50	1 : 4.4
8.	B.Sc. AZBT	239	50	1 : 4.8
9.	B.Com. (General)	1148	70	1 : 16.4
10.	B.Com. (Banking Management)	421	70	1 : 6.0
11.	B.A. Economics*	40	19	1 : 2.1
12.	B.Sc. Mathematics*	95	40	1 : 2.4
13.	B.Com. (General)*	1787	210	1 : 8.5
14.	B.Com. (Corporate Secretaryship)*	310	64	1 : 4.8
15.	M.A. History	7	4	1 : 1.8
16.	M.A. Economics	5	3	1 : 1.7
17.	M.A. Public Administration*	2	1	1 : 2.0
18.	M.A. Tamil	6	3	1 : 2.0
19.	M.Sc. Mathematics	68	23	1 : 3.0
20.	M.Sc. Physics	28	11	1 : 2.5
21.	M.Sc. Biochemistry*	42	26	1 : 1.6
22.	M.Sc. Information Technology*	80	26	1 : 3.1
23.	M.Com.*	47	14	1 : 3.4
24.	Master of Computer Applications	90	15	1 : 6.0
25.	Master of Computer Applications*	72	15	1 : 4.8
26.	M.Phil. History	3	3	1 : 1
27.	M.Phil. Tamil	3	3	1 : 1
28.	M.Phil. Mathematics	12	4	1 : 3

* Self-financing course

3. Faculty recruitment

The following are the statistics of faculty recruitment to Government-aided posts as well as to posts filled by the College Management.

#	Department	No. of Faculty
1	History	1
2	Economics	2
3	English	2
4	Tamil	3
5	Mathematics	1

#	Department	No. of Faculty
6	Plant Biology and Plant Biotechnology	1
7	Advanced Zoology and Biotechnology	1
8	Computer Science	5
9	Commerce	2
	Total	18

4. Faculty Development

Orientation Courses:

#	Name	Department
1	S. Jeya	Advanced Zoology and Biotechnology
2	Lavanya Vedagiri Rao	Commerce

Refresher Courses:

#	Name	Department
1	P. Sathiyabama	Tamil
2	S. Geetha	Commerce
3	R. Seetha	Sanskrit

Faculty Development Programmes:

#	Faculty	Department	Programme	Conducted by
1	Sindhu Sabariraj	Computer Science	“Software Testing”	Meenakshi Sundararajan Engineering College
2	Suganya R	Computer Science	MPhasis Trainer Training Programme	MPhasis Technologies, Mangalore
3	Sujatha B	Computer Science	MPhasis Trainer Training Programme	MPhasis Technologies, Mangalore
4	Rajitha V	Computer Science	MPhasis Trainer Training Programme	MPhasis Technologies, Mangalore
5	Sridevi C	Computer Science	“Programming in C#” - 3-month training programme	Everonn Systems
6	Rajitha V	Computer Science	“Middleware technologies and Web Services” – 2 day FDP	Easwari Engineering College
7	Meenakshi R	Computer Science	“Mission 10X” – 5 day workshop	Wipro Systems Ltd.
8	Meenakshi R	Computer Science	“High Impact Teaching Skills” – 2 day workshop	Dale Carnegie & Associates Inc.

5. College Schedule

The College Calendar and Hand Book was published and distributed to all faculty and students at the beginning of the academic year. The book contained details of college

working days and holidays, important college functions, all examination dates including those of the mid-semester examinations, model examinations and end-semester examinations..

6. Online Testing and Evaluation

Online testing for General Knowledge (OGK) was introduced for all internal tests also. This has ensured not only quick evaluation but also improving students' exposure to the use of ICT resources.

7. Virtual Classroom

The virtual classroom using satellite link-up set up in collaboration with Everonn Systems Pvt. Ltd. in 2006, was used to conduct many more virtual courses like Software Testing and Network Security. Students collaborated with not only the remotely located tutor but also with students from other colleges in other cities who were part of the virtual classroom. These courses also helped improve the students' employability quotient.

8. Evaluation

All examinations were conducted as per schedule and evaluations done centrally, with a few papers being sent for door valuation. The results were published within 2 weeks of completion of the examinations.

Criterion III: Research, Consultancy and Extension

1. Collaboration with National / International Organizations:

The Department of Economics collaborated with Malcolm and Elizabeth Adishesiah Trust on the project, "A Study on the Impact of Students' Socio Economic Background on Educational Attainment".

2. Minor Research Projects

Minor Research Project 1:

Project Title	Effectiveness of Environmental Management Systems in Industry
Principal Investigator	Dr. R. Geetha Associate Professor, Department of Commerce
Funding Agency	UGC
Period	2005-2008
Fund Amount	Rs. 42,000/-

3. Books Authored by Faculty Members

The following are contributions by faculty members to books published this year:

#	Faculty	Book	Publisher
1	K. N. Kalyani, N. Padma, Dr. Hemavathi Sekar	Text Book on International Economics (ISBN 81-8054-295-5)	Sultan Chand Publishers, Delhi, 2008

4. Research Publications

The following are the research publications of faculty this year:

a. National Journal Publications

Department of Computer Science

- Dr. N. Rama and **Meenakshi Lakshmanan**, *A GIS Solution for Tracking and Analysis of Public Transport*, International Conference on Digitalizing Administration: Challenges and Issues in E-Governance, March 2008.
- Dr. N. Rama and **Suganya R.**, *A Clustered Computing Solution for Fiscal Administration: e-SalesTax*, International Conference on Digitalizing Administration: Challenges and Issues in E-Governance, March 2008.
- M. K. Illampoornan, **V. Rajitha**, and V. Jayashankar, *Carbon-polyethelene composites as bench marks for breakdown studies in windings*, Proceedings of 2008 International Symposium on Electrical Insulating, Materials, 2008, Yokkaichi, Mie, Japan, ISBN (Print) 978-4-88686-005-7, E-ISBN 978-4-88686-006-4.
- **B. Sujatha**, *Lip reading using only visual features*, International Conference on Researching for Transforming the Society, 2008.

Department of Commerce

- **Lavanya Vedagiri Rao**, *Private Firms and Corporate Social Responsibility*, UGC sponsored International Seminar on Corporate Governance – Challenges & Strategies, January 2008.
- **Lavanya Vedagiri Rao**, *Life Insurance Sector in India (Globalisation)*, International Seminar on Globalisation - Its Impact, Challenges and Opportunities, March 2008.
- **Lavanya Vedagiri Rao**, *Innovation and New Service Development in Select Private Life Insurance Companies in India*, 10th International Seminar organised by International Business Information Management Association (IBIMA), USA, 2008.
- **Lavanya Vedagiri Rao**, *Challenges of Women in Management*, International Seminar on Global Challenges in Management, 2008.
- **R. Santhi**, *Impact of Globalisation on Retail Industry*, International Conference on Globalisation – Impact, Challenges and Opportunities, 2008.

Department of Tamil

- **R. Padmavathy**, முரண் தடைகாட்டும் சமுதாயம், பன்னாட்டு மாநாடு – கவிவளம், 2008.
- **T. T. Geetharani**, ஆழ்வார்கள் போற்றில் இயற்கை, பன்னாட்டு மாநாடு – செந்தமிழ் நாடெனும் போதினிலே, 2008.
- **T. T. Geetharani**, ஹைக்கூக் கவிதைகளில் சமுதாயம், பன்னாட்டு மாநாடு – கவிவளம், 2008
- **M. Vennila**, புவாடைக்கார சாமி – ஓர் அறிமுகம், பன்னாட்டு வளர் தமிழ் ஆய்வு மாநாடு, 2008.
- **M. Vennila**, எட்டுத்திக்கும் பரவட்டும் சங்கொலி, பதிற்றுப்பத்து பன்னாட்டு ஆய்வுக் கருத்தரங்கம், 2008

b. International Journal Publications

Department of Advanced Zoology and Biotechnology

- **Sethukarasi C**, Scanning Electron Microscopic investigation on the surface topography of the Didymozoan tetragynae, *Allodidymoazoancylicum* and *Didymocystis* n. sp. of the family *Didymozoidae*”, *International Journal of Scientific Transactions in Environment and Technovation* ,Vol. Issue-III, 2008, ISSN 0973-9157.

Department of Commerce

- **Lavanya Vedagiri Rao**, *Innovation and New Service Development in Select Private Life Insurance Companies In India*, Proceedings of the International conference of IBIMA, ISBN 0-9753393-9-7, Communications of the International Business Information Management Association, Volume 1, 2008, ISSN 1943-7765.

c. National Conferences / Seminars

Department of Economics

- **M. Karpagam**, *Corporate Environmental Responsibility – An Important Component of CSR*, National Seminar on Service Sector spectrum in the New Millennium, 2008.
- **K.N. Kalyani & N Padma**, *Life of the Elderly – An Inter State Comparison*, National Seminar on "Economic Growth, Poverty and Human Development", 2008.

Department of Physics

- S. Gunasekaran, **G. Sankari** and K. Sundar, *UV - Visible and FTIR spectroscopic methods in the analysis of normal and jaundice blood* , National Conference on Recent Advances in Physics, 2008.
- **G. Sankari**, E. Sailatha, S. Gunasekaran, A. Thirumagal, *Effect radiation on leather*, National Conference on Recent Advances in Physics, 2008.
- S. Gunasekaran, T.S. Renuga Devi, I. Monics Chandramalar, **G.Sankari**, *Analysis on acute lymphocytic leukemia blood samples – A spectroscopic approach*, National Conference on Recent Advances in Physics, 2008.
- S. Gunasekaran, T.S. Renuga Devi, K. Santhi, **G. Sankari**, *FTIR spectral analysis on malnutrition blood sample*, National Conference on Recent Advances in Physics, 2008.

Department of Commerce

- **Lavanya Vedagiri Rao**, *Self-help Groups and Women Entrepreneurs – Vision 2010*, National Level Symposium on Women Entrepreneurship in India, February 2008.
- **R. Geetha**, *Corporate Environmental Responsibility and Important Components of CSR*, National Seminar in Service Sector Spectrum in the New Millenium, 2008.
- **R. Santhi and S. Geetha**, *E-Banking-An overview*, National Conference on Changing faces of Indian Banking, 2008.
- **R. Santhi and S. Geetha**, *Customer-Banker relationship*, National Conference on Changing faces of Indian, 2008.
- **R. Santhi**, *Government Incentives and Subsidies in Promoting Women Entrepreneurs*, National level Symposium on Women Entrepreneurship in in India , 2008.
- **R. Santhi**, *Initiatives of EPC*, National Conference – CONECI 2008, 2008.

- **S. Geetha**, *Business Process Outsourcing (BPO)*, National level conference on Role of Information and Communication technology in SMEs, 2008.
- **S. Geetha**, *Globalisation in Banking Sector, International Conference on Globalisation –Impact, Challenges and Opportunities*, 2008.
- **S. Geetha**, *Women Entrepreneur in Various Fields*, National level Symposium on Women Entrepreneurship in India, 2008.

Department of Tamil

- **R. Geetha**, தற்கால மகளிர் இதழ்களின் உள்ளடக்கம், மகளிர் இதழ்கள் தேசிய கருத்தரங்கம், 2008.
- **R. Geetha**, திங்கள் வழிபாடு, தேசிய மாநாடு – இந்திய பல்கலைக்கழக தமிழாசிரியர் மன்றம், 2008.
- **S. Alamelumangal**, கம்பராமாயணம் – சூர்ப்பன்கையின் ஒட்பம், தேசிய மாநாடு – ஒப்பிலக்கியம், 2008.
- **T. T. Geetharani**, எழில் கொஞ்சம் திருவரங்கம், தேசிய மாநாடு –, 2008.
- **R. Kalavthi**, சமயம் கடந்த பொதுநிலை, தேசிய மாநாடு – இந்திய தமிழாசிரியர் மன்றம், 2008.
- **R. Kalavthi**, புத்தகம், தேசிய மாநாடு – சித்திரியல், 2008.
- **P. Sathiyabhama**, மகளிர் மேம்பாட்டில் அவள் விகடன் பெறும் இடம், தேசிய மாநாடு – மகளிர் இதழ்கள், 2008.
- **P. Sathiyabhama**, திருப்பாவை ஒரு சமுதாயக் கண்ணோட்டம், தேசிய மாநாடு – இந்திய தமிழாசிரியர் மன்றம், 2008.
- **P. Sathiyabhama**, சிற்பக்கலை அன்றும் இன்றும், தேசிய மாநாடு – தமிழியல், 2008.
- **M. Vennila**, கண்ணதாசன் பாடல்களில் சமூகச் சீர்திருத்தம், தேசிய மாநாடு – கல்வி இன்பம், 2008.

Department of PBPBT

- **Suji B**, *Fatty acid composition and protein profile of some marine algae*, National Symposium on Algae in Agriculture and food industry, 2008

d. International Conferences / Seminars

Department of Computer Science

- Dr. N. Rama and **Meenakshi Lakshmanan**, *A GIS Solution for Tracking and Analysis of Public Transport*, International Conference on Digitalizing Administration: Challenges and Issues in E-Governance, March 2008.
- Dr. N. Rama and **Suganya R.**, *A Clustered Computing Solution for Fiscal Administration: e-SalesTax*, International Conference on Digitalizing Administration: Challenges and Issues in E-Governance, March 2008.
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2008 International Symposium on Electrical Insulating, Materials, 2008, Yokkaichi, Mie, Japan, ISBN (Print) 978-4-88686-005-7, E-ISBN 978-4-88686-006-4.

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Department of Tamil

- **R. Padmavathy**, முரண் தடைகாட்டும் சமுதாயம், பன்னாட்டு மாநாடு – கவிவளம், 2008.
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- **M. Vennila**, எட்டுத்திக்கும் பரவட்டும் சங்கொலி, பதிற்றுப்பத்து பன்னாட்டு ஆய்வுக் கருத்தரங்கம், 2008.

5. Extension Activities

Awards and Recognitions for Extension Activities (2008-2009)

- PMJF. Ln. Dr. K. S. Lakshmi was elected Lions District Governor for District 324-A1.
- Best District Chairperson Award from Lions Club International awarded to Ln. Esther Kirubavathy for editorship of ‘Lions Touch’, the newsletter of Lions Clubs International.

Lions Clubs Activities

- This year, the College witnessed a quantum leap forward in terms of extension activities, through the **formation of 11 Campus Lions Clubs as planned last year**. The year saw hectic activity in the realm of social service both among staff and students. Extension services were thus streamlined since accountability and responsibility were integrated into the extension service system of the college through the Lions Clubs International's established system.
- The names of the new Campus Lions Clubs (L/C) are listed below:
 1. L/C Albert Einstein
 2. L/C Chennai Darwin
 3. L/C Chennai Homi Bhabha
 4. L/C Isaac Newton
 5. L/C Kepler
 6. L/C KSL
 7. L/C Marie Curie
 8. L/C MCW I
 9. L/C MSW II
 10. L/C Thomas Alva Edison
 11. L/C Meenakshi Sundararajan
- A **Road Safety rally** was conducted by the Campus Lions Clubs.
- A **Mega Health camp** was conducted under the aegis of the Campus Lions Clubs, to benefit the poor people in the neighborhood. This camp provided free medical checkups and medicines, free eye checkups, cataract surgeries and spectacles, free diabetes screening, free dental checkup and Ayurvedic checkup and medicines.
- The Lions Clubs organized a **free eye defect-screening camp** for about 400 children of Chennai School, Puliur in the year 2008. A team of optometrists from Elite School of Optometry, Sankara Nethralaya, headed by its Principal Dr. R. Krishnakumar, conducted screening tests for the children. The children diagnosed with eye defects were provided with spectacles free of cost.
- An **exhibition to create awareness of Eye Care and Eye Donation** was conducted. Charts and models educating the public on parts of the eye and their functions, prevention and cure of eye defects and the need for eye donation, were displayed and explained by the students of the Department.
- **Blood donation camps** were organized on important occasions such as the College Founder's birthday and remembrance day.
- The activities of the **KRS Free Medical Centre** continued as always, providing free medical services to the needy in the neighborhood.
- Programmes for the **adopted Corporation School** at Puliur too continued, with free school uniforms and other needs of the students being taken care of by the Management, faculty and students of the College.

Criterion IV: Infrastructure and Learning Resources

1. Additions to Computing and Related Resources

- Major revamps to the IT infrastructure were carried out. A new server room was built in the Computer Center, housing state-of-the-art equipment for the central management of information for access and archival.
- A backup system for automatically drawing and backing up critical data from various installations on campus on a daily, weekly and monthly incremental basis was

deployed. The equipment uses a robotic arm to change tapes and a configuration scheme was put in place for backups to be automatically carried out at times when the network traffic in the college network is low.

- All data and enterprise-wide applications were deployed in the new central server system consisting of 7 physical servers, an additional 6 virtual servers and a storage area network for efficient data retrieval.
- All departments, library, the College Office and the Office of the Controller of Examinations were provided with high-configuration computers, all of which are connected through a robust, wired local-area-network.
- A major upgrade was carried out to the internet connectivity available on campus, with the college migrating from a 2 Kbps leased line to a 2 Mbps optical-fibre leased line. All departments now have 24-hour access to high-speed internet connectivity.
- A policy to ensure data security and protection was implemented through software by preventing flash-drive and other removable media access to users across the campus.
- Printers were provided in strategic locations in all floors of the building to facilitate the use of printing facilities by various departments.
- Central printing, scanning and reprographic facilities in the College Office and the Office of the CoE were enhanced through the purchase and deployment of state-of-the-art equipment.
- A process for systematic and speedy redressal of hardware and software issues for users across campus was put in place. All departments have been provided with call log sheets to raise requests and to follow up until closure. Closure was ensured within 1 hour in most cases and within a maximum of four days in case of part replacements.
- The college became part of the powerful Google Apps for Education capability and introduced mail access for all employees in the domain meenakshicollege.com.
- All the Departments, office, and library were connected through LAN facility.
- UPS systems of 2 KVA was installed in the Central Server Room
- Numeric UPS system of 12 KVA was installed in the Abhinava Vidyatheertha Computer Centre's UPS Room.
- Numeric UPS system of 15 KVA was installed in the Abhinava Vidyatheertha Computer Centre's UPS Room
- New computers were purchased and installed in various locations on campus.

2. Additions to Laboratories

Chemistry Laboratory

- Hot Plate 1500 Watts
- S.S.Top with energy regulator

Plant Biology and Plant Biotechnology Laboratory

- Deepvision Flame Photometer
- Hot air oven

Advanced Zoology and Biotechnology Laboratory

- Spectrophotometer Visible imported – USA Spectronic 20D+ single beam with 1200 lines/mm grating 325-1100 nm abs, wavelength accuracy 1-2 nm

Biochemistry Laboratory

- Horizontal deep freezer
- Fluorimeter
- Cooling centrifuge

Computer Science Laboratory

- All the above mentioned upgrades to computing infrastructure including a new server room with state-of-the art capabilities were carried out in the Abhinava Vidyatheertha Computer Center.
- UPS system of 2 KVA was installed in the Central Server Room
- UPS system of 12 KVA was installed in the Abhinava Vidyatheertha Computer Centre's UPS Room.
- UPS system of 15 KVA was installed in the Abhinava Vidyatheertha Computer Centre's UPS Room
- 4 network switches were installed in the Abhinava Vidyatheertha Computer Centre

Meenakshi Sundararajan Research Center

- Global Positioning System –GARMIN (USA) make-e Trex
- 8K multichannel analyzer
- 3"x3" NaI (TI) Detector Based Gamma Ray Spectrometer covered with Lead Shielding
- Alpha Counting System (ZnS(Ag) Scintillation detector with suitable PMT)
- Beta Counting System with GM tube
- Scintillometer - A Portable Radiation Survey Meter

3. Additions to the Library

The library procurements for the year 2008-09 are summarized below:

#	Department	New books purchased
1.	History	24
2.	Economics	59
3.	English	52
4.	Public Administration	26
5.	Tamil	95
6.	Mathematics	74
7.	Physics	100
8.	Chemistry	55
9.	Botany	18
10.	Zoology	17
11.	Biochemistry	25
12.	Computer Science	140
13.	Commerce	63
	Total	748

Total number of books in the library = **44,294**

The number of journals subscribed to this year is given in the table below:

National Journals	International Journals	Total number of journals
36	7	43

Criterion V: Student Support and Progression

1. Student Scholarships

The College goes all out to provide students with the maximum possible financial help to complete their studies. Towards this end, the College meticulously identifies eligible and deserving students, procures relevant scholarship amounts from the State and Central Governments and also private organizations, and disburses them promptly to the students. The summary of the Scholarships disbursed this year is provided below:

Government & University Endowment Scholarships

#	Scholarship Type	Students	Amount
1.	SC/ST & SCC Scholarship	335	9,55,804
2.	BC Scholarship	236	2,37,349
3.	MBC Scholarship	512	5,82,358
4.	Cine Worker's Children Scholarship	12	36,000
5.	Farmer's Security Scheme Scholarship	2	5,500
6.	University of Madras – Endowment Scholarship	14	35,000
Total		1,111	18,52,011

Private Scholarships

#	Details	Students	Amount
1.	Maharani Vidyavathi Devi of Vizianagaram Trust	184	4,60,000
2.	Dr.K.S.Lakshmi, District Governor Scholarship	183	3,66,000
3.	Jaigopal Garodia Scholarships	39	39,000
4.	Rajasthan Association Tamilnadu Scholarship	11	11,000
5.	Sree Venkateswara Students Hostel Scholarship	5	2,500
6.	Lions Club of Madras Host Scholarship	5	12,500
7.	Shirdi Sai Trust Scholarship	3	16,000
8.	Janaki Sundaram Trust Scholarship	3	15,000
9.	Tamilnadu Congress Committee Charitable Trust	2	5,000
10.	Lions Club of South Madras Scholarship	2	12,000
11.	Ms.Vasanthi Rajiv Scholarship	1	4,500
12.	The Tamilnadu Educational Trust	1	4,000
13.	Rotary Club of Madras Vadapalani Scholarship	1	6,600
14.	A.M.Farook Educational Trust	1	1,000
15.	Haji Ebrahim Sait Haji Musa Sait Trust	1	2,000
16.	B.S.Abdur Rahaman Zakaat Fund Foundation	1	4,500
17.	Bhuvanahan Memorial and Charitable Trust	1	5,000
18.	Individual Sponsors	3	14,000
Total		447	9,80,600

2. Academic Performance of Students

Given below is the programme-wise pass percentage in the academic year 2007-08.

#	Course	Pass Percentage
1.	B.A. History	90
2.	B.A. Economics	85
3.	B.A. English Literature	84
4.	B.Sc. Mathematics	95
5.	B.Sc. Physics	93
6.	B.Sc. Chemistry	100
7.	B.Sc. Plant Biology and Plant Biotechnology	100
8.	B.Sc. Advanced Zoology and Biotechnology	100
9.	B.Com. (General)	100
10.	B.Com. (Banking Management)	100
11.	B.A. Economics*	96
12.	B.Sc. Mathematics*	84
13.	B.Com. (General)*	100
14.	B.Com. (Corporate Secretaryship)*	100
15.	M.A. History	100
16.	M.A. Economics	100
17.	M.A. Public Administration	100
18.	M.A. Tamil	100
19.	M.Sc. Mathematics	100
20.	M.Sc. Physics	95
21.	M.Sc. Biochemistry	100
22.	M.Sc. Information Technology	100
23.	M.Com.	100
24.	M.C.A.	100
25.	M.C.A.*	100
26.	M.Phil. History	100
27.	M.Phil. Tamil	100
28.	M.Phil. Mathematics	100

* Courses offered in Shift II

3. Student Placements

Though by policy the College does not encourage placements at the UG level because its aim is to motivate girl students to pursue higher studies, it goes all out to woo recruiters to hire students from the PG courses. Further, the college also recognizes the compulsions of some students of having to take up jobs after their UG degree itself, and hence organizes placements for them too.

The Placement Cell of the College is an active body that arranges for various reputed companies to visit campus and recruit students every year. Meenakshi College has been the Campus of Choice for many renowned multinational companies. The student placement statistics of this year are presented below:

#	Company	No. of Students Selected
1.	Ajuba	3
2.	Allsec Technologies	11
3.	Cyber Slash Support Systems	8
4.	The Elitist	2
5.	Fidelity	5
6.	Ford India	60
7.	HCL Technologies	9
8.	Hexaware Technologies	3
9.	Pleasant Health Care	11
10.	Red Black Tree Technologies	4
11.	RR Donnelley	15
12.	RR Donnelley (Finance)	12
13.	Tata Consultancy Services	13
14.	TnQ Books and Journals	15
15.	United Software Ltd.	15
16.	Verizon Data Services India Pvt. Ltd.	4
17.	Wipro Technologies Pvt. Ltd.	5
Total		195

The following tables provide data regarding student progression in the academic year 2007-08 to higher studies, employment and entrepreneurship.

Student progression from UG

#	UG to PG %	Employed %		Entrepreneurs %
		Campus	Off Campus	
1.	39.39	27.06	18.55	1.78

Student progression from PG

#	PG to MPhil %	PG to Ph.D. %	Employed %		Entrepreneurs %
			Campus	Off Campus	
1.	18.79	4.85	29.70	29.70	1.82

Student progression from M.Phil.

#	M.Phil. to Ph.D. %	Employed %	Entrepreneurs %
1.	22.22	66.67	0.00

Number of students who took up competitive examinations

#	NET / SLET	GATE / CAT	GRE / TOEFFL / GMAT	Govt. Services
1.	58	38	3	325

4. Student Achievements

- Ms. N. Purnima (Department of Physics) bagged the first prize for paper presentation during the XI State level technical Seminar for P.G and M.Phil students at Ethiraj College.

- C. Swathi and G. Hema (Department of Biochemistry) have presented a poster in the National level symposium conducted by Rajalakshmi Engineering College on Transcriptomics.
- H. Suganya, Silvia Christy, J. Kalpana, P. Amudha (Department of Biochemistry) participated in poster and paper presentations in the national level seminar conducted by M.G.R. Janaki College.
- C.Swathi (Department of Biochemistry) presented a poster on “Stem cell Research ethics” and G. Hema presented a poster on “Therapeutic cloning” in the international conference on “Bioethics” at Mother Teresa University, Kodaikanal.

Some recent achievements of students in sports

#	Sport	Contest Level	Achievement
1.	Table Tennis	University – Inter-zone	II Place
2.	Tennis	University – Inter-zone	II Place
3.	Kabaddi	State	II Place
4.	Badminton	National	Represented the University

Cultural Activities

- Madhumitha, Sowmya Mahadevan and Sucharita participated and won prizes in the Vijay TV Super Singer contest.

Criterion VI: Governance, Leadership and Management

Approval was granted by the UGC for further extension and continuation of autonomous status from the academic years 2008-09 to 2013-14.

A major fillip was given to technology infrastructure to help students and faculty meet global competency standards. The College Management spared no effort in ensuring that state-of-the-art technology facilities are available on campus, as detailed above.

Criterion VII: Innovation and Best Practices

The College has implemented major overhauls and upgrades to its IT infrastructure and has made the campus a truly online one. The College now boasts of a dedicated and powerful leased-line capability, a sturdy wired internal network, powerful servers, backup solution, etc. that form the College’s IT backbone.

All Departments have reduced the use of paper and most data exchanges among Departments as well as with the College Office and the Office of the Controller of Examinations are online.

Conclusion

In its meeting held on 16 March, 2009, the IQAC reviewed the achievements of the institution on the basis of the goals set by the IQAC at the beginning of the academic year.

The IQAC was particularly impressed with the technological leaps that the College has taken during the year in its bid to meet the goal of increasing global competencies among students, and placed on record its gratitude to the College Management for making this possible.

The Department of Computer Science was appreciated for its special contribution to making online tests in the General Knowledge paper possible, through the software developed by the faculty members. The software has proved to be effective and fast. The online tests for all undergraduate students have helped increase the familiarity with computers for students across disciplines, and in fact have helped eliminate their fear of anything electronic.

The IQAC appreciated the Department of English for helping enhance the communicative abilities of students through the introduction of two extra papers for all undergraduate students, along with a practical component for these papers using the Language Laboratory. The IQAC noted that communicative skill would go a long way in increasing the global competencies of students.

The seminars and workshops conducted by the departments also came up for appreciation, and the IQAC members acknowledged their importance in fostering global competencies through knowledge upgrades.

The IQAC members also welcomed the increased number of research publications by faculty members and credited the initiative of the past year for this qualitative and quantitative improvement in research output.

The Secretary of the College, Dr. K. S. Lakshmi, was lauded on her contributions to social service through her becoming elected as the Lions District Governor, District 324-A1 this year. Her contributions for student progression in terms of scholarships to deserving and needy students during the year have caused the steep increase in the number of students who benefitted and the quantity of financial aid extended to students. The IQAC recorded its deep sense of appreciation and gratitude for this yeoman service rendered. Further, it was her efforts that bore fruit in terms of the introduction of Campus Lions Clubs exclusively for students so that the students would imbibe the spirit of service and also of leadership in a professional and regulated way.

The IQAC also appreciated all the Departments and the Institution as a whole for the activities and achievements during the year.

The IQAC also held preliminary discussions on evolving a consistent, institution-wide quality process for teaching-learning and evaluation.