

THE ANNUAL QUALITY ASSURANCE REPORT (AQAR) OF THE IQAC

Name of the Institution: Dr.M.G.R Educational and Research Institute,
(Deemed University Decl u/s 3 of UGC Act 1956)

Date of Report: 20.07.2008 & 28.08.2010 (2008 & 2010)
(July/Aug 2008 – Aug 2010)

Part - A

The NAAC Peer Team visited the institution and certification issued on Jan 2007. The Internal Quality Assessment cell was constituted thereafter as per the directives of the NAAC with the following composition, on the 15th Feb 2007.

The committee constituted in Feb 2008 continued to control the quality initiatives. The following were the initial members of the committee, as on Feb 2008.

Chairperson: **Dr. G. Gopalakrishnan, Head of the Institution**

Faculty: Prof. Dr. V. Cyril Raj, Head, Dept of Computer Science Engineering
Prof. Dr. S. Ravi, Head, Dept of Electronic & Communication Engineering
Prof. Mr. M. Ganesan, Head, Dept of Mechanical Engineering
Prof. Mr. L. Ramesh, Head, Dept of Electrical & Electronic Engineering
Prof. Mr. R. Ramasamy, Head, Dept of Electronic & Instrumentation Engineering
Prof. Dr. S. Arivalagan, Head, Dept of Civil Engineering
Prof. Dr. Rama Vaidhyanathan, Head, Dept of Industrial Biotechnology Engineering
Prof. Dr. Ramalingam, Head, Dept of Master of Business Administration
Prof. Dr. Uma Rajaram, Dean, Engg & Tech, as coordinator IQAC

Senior Administrative Official:

Dr. S. Dinakaran, Registrar

External Experts:

1. Quality Management: Dr. Aswinin Ravi, Prof. of Management,
D. G. Vaishnav College, Chennai.
2. Industry: Dr. Sivarama Krishna Sastry, CEO Allied Electronics
3. Local Community: Mr. G. Dhananjayan, Chief Manager (Indian Bank)

Director / Coordinator of IQAC: Prof. Uma Rajaram

NAAC / IQAC – NOMINATIONS

1. ACADEMIC PROGRAMMES COMMITTEE

S.NO	NAME	DESIGNATION	DEPARTMENT	FUNCTIONAL DESIGNATION
1	Dr. G. GOPALA KRISHNAN	RECTOR	MECHANICAL	CHAIRMAN
2	Dr. V. CYRIL RAJ	PROFESSOR	CSE	MEMBER
3	Dr. S. ARIVALAGAN	PROFESSOR	CIVIL	MEMBER
4	Mr. L. RAMESH	AP	EEE	MEMBER
5	Mr. R. RAMASAMY	PROFESSOR	E&I	MEMBER
6	Dr. RAMA VAIDHYA NATHAN	PROFESSOR	IBT	MEMBER
7	Dr. S. RAVI	PROFESSOR	ECE	MEMBER
8	Mr. M. GANESAN	PROFESSOR	MECHANICAL	MEMBER
9	Dr. RAMALINGAM	PROFESSOR	MBA	MEMBER
10	Dr. N. PADMANABHAN	PROFESSOR	CHEMICAL	MEMBER
11	Dr. VASUDEVAN	PRINCIPAL	DENTAL COLLEGE	MEMBER
12	ADITYA KUMAR		MECHANICAL	STUDENT REPRESENTATIVE
13	ABHISHEK KUMAR GUPTA		ECE	STUDENT REPRESENTATIVE
14	MIRTUNJAY KUMAR SINGH		MBA	STUDENT REPRESENTATIVE
15	BHAWANI SHANKAR		MCA	STUDENT REPRESENTATIVE

2. TEACHING AND EVALUATION PROGRAMMES

S.NO	NAME	DESIGNATION	DEPARTMENT	FUNCTIONAL DESIGNATION
1	Dr. G. GOPALA KRISHNAN	RECTOR	MECHANICAL	CHAIRMAN
2	Dr. ARAVINDAN	DEAN RESEARCH	MECHANICAL	MEMBER
3	Dr. S. PADMASANI KANNAN	PROFESSOR	ENGLISH	MEMBER
4	Mr. L. RAMESH	AP	HOD / EEE	MEMBER
5	Mrs. E. SHEEBA PERCIS	AP	Deputy HOD / EEE	MEMBER
6	Dr. SIVAKESAN	CONTROLLER OF EXAMINATIONS	COE	MEMBER

7	Mr. N. ETHIRAJ	Joint. CONTROLLER OF EXAMINATIONS	COE	MEMBER
8	SANTOSH KUMAR MAHATO		ECE	STUDENT REPRESENTATIVE
9	DHANJEE KUMAR MAHTO		MECHANICAL	STUDENT REPRESENTATIVE

3. CO-CURRICULAR PROGRAMMES

S.NO	NAME	DESIGNATION	DEPARTMENT	FUNCTIONAL DESIGNATION
1	Dr. G. GOPALA KRISHNAN	RECTOR	MECHANICAL	CHAIRMAN
2	Dr. S. VAIRAMANI	DIRECTOR	PHYSICAL DIRECTOR	MEMBER
3	Mr. R. KALAIANAN	AP	CIVIL	MEMBER
4	Mr. VIJAYAKUMAR	AP	MBA	MEMBER
5	Dr. RAMA VAIDYANATHAN	PROFESSOR	HOD / IBT	MEMBER
6	Mr. MANOJ BABU	AP	MECHANICAL	MEMBER
7	VASAVI GARISSETTI		IBT	STUDENT REPRESENTATIVE
8	AKSHAY MITRA PANWAR		CIVIL	STUDENT REPRESENTATIVE
9	SHALINI SANDRA THOMAS		IT	STUDENT REPRESENTATIVE
10	ABHINAV SAXENA		CSE	STUDENT REPRESENTATIVE
11	NARENDRA		CSE	STUDENT REPRESENTATIVE

4. RESEARCH PROGRAMMES

S.NO	NAME	DESIGNATION	DEPARTMENT	FUNCTIONAL DESIGNATION
1	Dr. G. GOPALA KRISHNAN	RECTOR	MECHANICAL	CHAIRMAN
2	Dr. P. ARAVINDAN	DEAN (R&D)	MECHANICAL	MEMBER
3	Mr. V.N. RAJAVARMAN	AP	IT(Research Scholar)	MEMBER
4	Mr. T.V. ANANTHAN	AP	CSE(Research Scholar)	MEMBER

5. EXTENSION PROGRAMMES

S.NO	NAME	DESIGNATION	DEPARTMENT	FUNCTIONAL DESIGNATION
1	Dr. G. GOPALA KRISHNAN	RECTOR	MECHANICAL	CHAIRMAN

2	Mr. P.S. RAJAKUMAR	AP	IT	MEMBER
3	Mrs. S. GEETHA	AP	CSE	MEMBER
4	Mr. G. SREERAM	AP	CSE	MEMBER
5	Dr. RAMA VAIDYANATHAN	PROFESSOR	HOD / IBT	MEMBER
6	MAHTAB ALAM		ECE	STUDENT REPRESENTATIVE
7	SUSHREE SANGITA BHOI		CIVIL	STUDENT REPRESENTATIVE
8	VIDHYAWATI		IT	STUDENT REPRESENTATIVE
9	ABHISHEK KUMAR GUPTA		ECE	STUDENT REPRESENTATIVE
10	ABHISHEK PRAKASH		EEE	STUDENT REPRESENTATIVE

6. EFFECTIVE GOVERNANCE CELL

S.NO	NAME	DESIGNATION	DEPARTMENT	FUNCTIONAL DESIGNATION
1	Dr. G. GOPALA KRISHNAN	RECTOR	MECHANICAL	CHAIRMAN
2	Dr. G.C. KOTHANDAN	Executive Director	MBA	MEMBER
3	Mr. RAGHUVeer	AUDITOR	FINANCE	MEMBER
4	Dr. P. KALIAPERUMAL	DEAN	MBA	MEMBER
5	Mr. GURUNATHAN	ESTATE OFFICER		MEMBER
6	Dr. S. DINAKARAN	REGISTRAR		MEMBER
7	ANUSHA JOY		MBA	STUDENT REPRESENTATIVE
8	RAJ KUMAR DAHAL		MCA	STUDENT REPRESENTATIVE

7. INFRASTRUCTURE DEVELOPMENT CELL

S.NO	NAME	DESIGNATION	DEPARTMENT	FUNCTIONAL DESIGNATION
1	Dr. G. GOPALA KRISHNAN	RECTOR	MECHANICAL	CHAIRMAN
2	Mr. EDWIN D. THANGAM	AP	CIVIL	MEMBER
3	Mr. MALLIKARJUNA REDDY	AP	CIVIL	MEMBER

4	Mr. A. IYEM PERUMAL	AP	MATHEMATICS	MEMBER
5	Mr. A.K. DASARATHY	AP	CIVIL	MEMBER
6	Mr. PRAVEEN JEYASINGH	Purchase Co-ordinator	PURCHASE OFFICE	MEMBER
7	PAPAI PAL		CIVIL	STUDENT REPRESENTATIVE
8	SATYAJIT SASMAL		E&I	STUDENT REPRESENTATIVE
9	KUMAR ABHISHEK		CHEMICAL	STUDENT REPRESENTATIVE

8. MANAGEMENT INFORMATION SYSTEM

S.NO	NAME	DESIGNATION	DEPARTMENT	FUNCTIONAL DESIGNATION
1	Dr. G. GOPALA KRISHNAN	RECTOR	MECHANICAL	CHAIRMAN
2	Dr. S. RAMALINGAM	PROFESSOR	HOD / MBA	MEMBER
3	Dr. P. KALIAPERUMAL	DEAN	MBA	MEMBER
4	Dr. C.B. PALANIVELU	Addl. REGISTRAR	MECHANICAL	MEMBER
5	Mr. V. CYRIL RAJ	PROFESSOR	HOD / CSE	MEMBER
6	SURESH KUMAR YADAV		CSE	STUDENT REPRESENTATIVE
7	MANISH KUMAR THAKUR		E&I	STUDENT REPRESENTATIVE
8	ANUPKUMARSINGH		CHEMICAL	STUDENT REPRESENTATIVE
9	KAIBALYA PRASAD PANDA		EEE	STUDENT REPRESENTATIVE

9. GYMKHANA

S.NO	NAME	DESIGNATION	DEPARTMENT	FUNCTIONAL DESIGNATION
1	Dr. G. GOPALA KRISHNAN	RECTOR	MECHANICAL	CHAIRMAN
2	Dr. S. VAIRAMANI	DIRECTOR	PHYSICAL DIRECTOR	MEMBER
3	Dr. K. SANKARAN	PROFESSOR	PHYSICAL DIRECTOR	MEMBER
4	Mr. R. KALAIANAN	AP	CIVIL	MEMBER
5	Mr. M. VIJAYAKUMAR	AP	MBA	MEMBER

10. LIBRARY

SL.NO	NAME	DESIGNATION	DEPARTMENT	FUNCTIONAL DESIGNATION
1	Dr. G. GOPALA KRISHNAN	RECTOR	MECHANICAL	CHAIRMAN
2	Mr. RAJAN BABU	LIBRARIAN	LIBRARY	MEMBER
3	Mr. V. CYRIL RAJ	PROFESSOR	HOD / CSE	MEMBER
4	Mr. RAJESH	System Administrator	CSE	MEMBER
5	MIRTUNJAY KUMAR SINGH		MBA	STUDENT REPRESENTATIVE
6	BHAWANI SHANKAR		MCA	STUDENT REPRESENTATIVE
7	MANDALAPU VINAY BABU		CHEMICAL	STUDENT REPRESENTATIVE
8	SANTOSH KUMAR MAHATO		ECE	STUDENT REPRESENTATIVE
9	KUMAR RANJAN		EEE	STUDENT REPRESENTATIVE

STUDENT MEMBERS

S.NO	NAME	DEPARTMENT
28.	ANUSHA JOY	MBA
1.	ABHINAV SAXENA	CSE
2.	NARENDRA	CSE
3.	SURESH KUMAR YADAV	CSE
4.	SHALINI SANDRA THOMAS	IT
5.	VIDHYAWATI	IT
6.	ABHISHEK KUMAR GUPTA	ECE
7.	SANTOSH KUMAR MAHATO	ECE
8.	MAHTAB ALAM	ECE
9.	ABHISHEK PRAKASH	EEE
10.	KAIBALYA PRASAD PANDA	EEE
11.	KUMAR RANJAN	EEE
12.	SATYAJIT SASMAL	E&I
13.	MANISH KUMAR THAKUR	E&I
14.	RASHMI ACHLA MINZ	E&I
15.	VASAVI GARISSETTI	IBT
16.	SWAYAM SIDDHA PANIGRAHI	IBT
17.	AKSHAY MITRA PANWAR	CIVIL
18.	SUSHREE SANGITA BHOI	CIVIL
19.	PAPAI PAL	CIVIL
20.	ADITYA KUMAR	MECHANICAL
21.	DHANJEE KUMAR MAHTO	MECHANICAL
22.	PANKAJ KUMAR TRIPATI	MECHANICAL
23.	KUMAR ABHISHEK	CHEMICAL
24.	MANDALAPU VINAY BABU	CHEMICAL
25.	BHAWANI SHANKAR	MCA
26.	RAJ KUMAR DAHAL	MCA
27.	MIRTUNJAY KUMAR SINGH	MBA

The plan of action chalked out by the IQAC in the beginning of the year aimed at improved innovations in the field of academics and infrastructural development of the institution under the following criteria:

1. Students should be encouraged to take seminars. The seminar topics can be searched from internet related to subjects.
2. Fields visits are organized for the UG and PG students. Some of the departments which lag behind the number of visits are insisted to increase the number of Fields Visits.
3. The final year students can be encouraged to publish their project work in National Conferences and Journals.
4. It is also decided to conduct technical symposiums which will give much exposure to the students in various fields.
5. Industrialists and other factory officials relevant to the subjects are invited often at regular intervals to give guest lectures and share their practical knowledge.
6. It was suggested that the internet facility might be extended to the various laboratories so as to have the latest technology available in the field to be readily accessed and comparatively analyzed.
7. E-books and journals' subscription should be updated for the benefit of faculty and students.
8. The advanced learners can be introduced to summer / winter schools which will enable them to complete their course early.
9. Certificate courses on software skills can be taken up by the students.
10. Automation process completed.
11. Back volume journals were updated.
12. The central library was totally shifted to 3rd floor in VOC Block.
13. Transaction was completely automated.
14. Subscription was planned Access of e-journal and e-books in the library came into effect for staff and students.
15. Total built up area 13,200 sqft.
16. The library has nearly 400 seating capacities.
17. Details of staff and students were updated.
18. Barcode was started and processed.

19. Purchase of Reference Books and Handbooks for Research Scholar.
20. The national and international journals were subscribed.
21. Browsing internet was implemented in the central library.
22. Regular newsletters/wall magazines by all departments and publication of journals by more departments.
23. Infrastructure Modification –
 - i. The list of total no of students received from admission office is presented to the members.
 - ii. New construction of block is suggested and old blocks are not sufficient for accomodating students in coming year.
 - iii. Tentative class room requirement is arrived, class room arrangements were made.
 - iv. Based on suggestion given by V-C class rooms are accommodated near to respective departments.
 - v. Students are partially satisfied with the class room arrangements.
 - vi. The list of class room arrangements is finalized and will be sent to the Dean E&T for circulating to the departments.
24. Equipment for all the laboratories was purchased as per the syllabus requirement.
25. Technology upgradation is done in different laboratories by purchasing latest EDA tools for simulation and testing.
26. Seminars to be held in all departments on a regular basis, following a schedule.
27. Remedial teaching to be incorporated in the college timetable on a regular basis.

Part - B

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

The Centre for Entrepreneurship Development Cell has conducted a week long Programme for the students of the University, reflecting the main objective of the Institution “To produce Job Creators” Report of the E-Cell week given in **Annexure-I**. In most the week long programme has created awareness in the following areas: A debate as “which is better option for fresh Engineering Graduates Entrepreneurship or Employment?”, Business ideas for India Techno bazar where the students exhibited their technical innovations – a detailed report is given in the **Annexure-I** Real-time training for the students are arranged with Industries like TVS (CPAT), IBM software, Oracle, BSNL, TNEB. Students are encouraged to participate in the State Level Sports events and Inter University sports tournaments. The students are given

training in the different types of exercises and Yoga Exercises, Meditation and Food and Nutrition.

2. New Academic Programmes Initiated (UG and PG):

B. Tech. (ICE)
B. Tech. (E&I)
B. Tech. (BMI)
B. Tech. Process Control Engineering
M. Tech. Design Engineering
M. Tech. Energy Engineering
M. Tech. CAD/CAM
M. Tech. Automotive Engineering
M. Tech. Power Systems
M. Tech. Power Electronic Drives
M. Tech. (PRPC), Chemical Engineering
M. Tech. (ICE)
M. Tech. (E&I)
M. Tech. (BMI)
M. Tech. Electronics and Control Engineering
M. Tech. Process Control Engineering
B.Sc (HMCT)

3. Innovations in curricular design and transaction:

- ❖ The Curriculum and Syllabus for all the courses (CSE/IT, ECE, EEE, E&I, MECH, CIVIL, IBT, CHEMICAL, MCA, MBA) was revised which was approved by respective Board of Studies.
- ❖ Dr. Cyril Raj, HOD of CSE moved another resolution for introduction of soft skills – I in the IV Semester and Soft Skills – II in the V Semester as Audit Courses without Credit.
- ❖ Prof. M. Ganesan, HOD of Mechanical Engineering moved the resolution for the approval of Revised Syllabus and Curriculum for B.Tech (Mechanical) F.T. and P.T., M.Tech (Design Engineering) P.T., M.Tech (Energy Engineering) F.T. and P.T., M.Tech (CAD/CAM). Starting two P.G. Courses M.Tech (Thermal Engineering), M.Tech (Automotive Engineering – Trimester System with Industrial Collaboration)
- ❖ Dr. A.Y. Sivaramakrishnan, Dean EEE moved a resolution for the approval of revised syllabus and curriculum for the M.Tech (Power Systems) F.T. and M.Tech (Power Electronic Drives) F.T.
- ❖ The Final Year MDS students should submit their dissertations 6 months before the end of the MDS Course.

- ❖ The Exemption of course work on Research Methodology for the M.Phil degree holders who have registered for Ph.D. during the academic year 2009-2010 and afterwards was given.
- ❖ It was decided to revise the rules and regulations of the Ph.D. degree such that the external research scholars should do a six month compulsory course work at the University campus.

4. Inter-disciplinary programmes started:

B. Tech. (BMI)
M. Tech. (BMI)

5. Examination Reforms Implemented:

Credit system is followed for all UG and PG courses. Exam Pattern schedule is announced a month earlier and the flying squad constituted to go for surprise supervision in the exam Halls to prevent malpractices.

Double valuation is done for PG answer scripts. External examiners from outside Chennai City are setting the question papers for all UG papers and the valuation is purely external. Ph.D course works are valued as a PG paper. Revaluation for UG courses are done within 10days of publication of results. Grade Sheets are issued within 10days of publication. For Ph.D thesis evaluation, University has a panel of Indian and Foreign Examiners and the thesis is evaluated by one Foreign Examiner and one Indian Examiner. Indian Examiner happens to be the examiner for Viva Voce, as per the procedures followed by our codes. During examinations, poster display of punishment for Malpractices and Dos & Dons are exhibited. First page of the examination answer booklet is an OMR sheet which is used for awarding / recording marks for the answers? Dummy numbers are randomly generated by computer for crypting the answer sheets.

6. Initiative towards faculty development programmes:

Faculty Development Programmes were conducted by different departments of Engineering as mentioned below. The Dean (E&T) conducted a FDP on Teaching Methodology for the new recruits of the University, during the period May/June 2009 till July 2010.

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

- ❖ FORMAL METHODS IN SOFTWARE DEVELOPMENT
- ❖ FRAUDS AND CRIME IN DIGITAL WORLD

DEPARTMENT OF ELECTRONIC & INSTRUMENTATION ENGINEERING

- ❖ PROGRAMME LOGIC CONTROLLER PLC PROGRAMMING

DEPARTMENT OF MECHANICAL ENGINEERING

- ❖ R & D OPPORTUNITIES IN ADVANCED MATERIALS
- ❖ CURRENT TRENDS IN ADVANCED MATERIAL MANUFACTURING

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

- ❖ REACTIVE POWER MANAGEMENT
- ❖ RESEARCH METHODOLOGY
- ❖ ARTIFICIAL NEURAL NETWORKS
- ❖ TRAINING ON PSCAD & ETAP

DEPARTMENT OF MASTER OF COMPUTER APPLICATION

- ❖ CLOUD COMPUTING
- ❖ TECHNICAL TEACHERS TRAINING PROGRAM

7. Total no. of Seminars or Workshops Conducted: (2008 – 2010)

Workshop : 20
Seminars : 09

8. New collaborative research programmes:

Project Applied

I

Agency : CWET (Centre for Wind Energy Technology)

Project Title : Intelligent Control of Wind Turbines & Analysis of Grid Connected Off shore Wind Farms Using HVDC Links.

II

Agency : MNRE (Ministry of New & Renewable Energy)

Project Title : The Impacts of Grid Connected Distributed Generation on Voltage Sag and the Mitigation Techniques using FACTS Devices.

III

Project proposed titled “DESIGN AND DEVELOPMENT OF CRYO PROBES FOR DENTAL SURGERY” to ICMR under Millennium Development Goals (MDG – 4)

9. Research grants received from various agencies:

Project Completed (Electrical & Electronics Engineering)

Agency : AICTE
Project Title : Dry Type Transformer

Project Completed (Electronic & Instrumentation Engineering)

Agency : AICTE R&D
Project Title : An Ideal Microwave Based Leather Classification

Project Received (Industrial Bio-Technology)

Agency : CSIR
Project Title : Molecular Characterization of Bacterial Multi-Drug Resistance gene in clinical isolates of Klebsiella pneumonia and identification of plant based antimicrobials.

Project Received (Electronic & Instrumentation Engineering)

Agency : UGC
Project Title : Stimulated & therapeutic effects of Solanum Indium Incorporated collagen matrix for diabetic wounds.

10. Details of Research Scholars:

Details of the Research Scholars registered in 2008-2009 as on given below:

S.NO.	DEPARTMENTS	REGISTERED
1.	Computer Science & Engineering	01
2.	Information Technology	00
3.	Electronics & Communication Engineering	07
4.	Electrical & Electronics Engineering	00
5.	Instrumentation & Control Engineering	00
6.	Mechanical Engineering	00
7.	Civil Engineering	03
8.	Chemical Engineering	00

9.	Industrial Biotechnology	01
10.	Master of Computer Applications	01
11.	Management Studies	08
12.	Humanities and Sciences	10
TOTAL		31

11. Citation index of faculty members and impact factor:

A large no. of Research Papers has been published thro' Conference, Seminars & Journals, Impact factor with respect to this paper, have also been provided along the paper titles.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

- ❖ P.S.Rajakumar, Dr.S.Ravi and Dr.R.M.Suresh, "Speech Enhancement models suited for speech recognition using composite source model", CiiT International Journal, CiiT, Vol.2. No.10, October 2010, pp: 212 to 216, DOI: DSP102010005 **I.F. 0.572**
- ❖ M.Sivanandam and S.Ravi, "Design and Simulation of SMPS for Space Helix TWTA", Engineering Today (Monthly Journal), December 2010, Volume XII, Issue 12, ISSN: 0974-8377, pp.145-152.
- ❖ M.Sivanandam and S.Ravi, "Improved Reliability Prediction and Enhancement of Electronic Power Conditioner in Communication", 2010 International Conference on Advances in Communication, Network, and Computing, IEEE computer society, DOI 10.1109/CNC.2010.99
- ❖ B.Muthukumar and Dr.S.Ravi, "Tracking the face movement of perceptual user interface using camshift algorithm", International Journal of Computer Science and Information Security, IJCSIS, Vol.8, No.8, Nov. 2010, Paper ID: 27101036 **Still Computing**
- ❖ B.Ramamurthy, L.C.S.Goud, S.Ravi and G.Pushpa Chakrapani, "Adaptive Code Synchronization with reduced computational complexity and premodulation filter for Improved capacity in MIMO system", IJCSNS, Vol.10, No.10, Oct 2010, pp. 172-180

- ❖ Mr. G.Saravana Kumar and S.Ravi, “Artifacts removal schemes using Wavelet Transform in Brain computer interface”, CiiT International Journal of Digital Image Processing, Vol.2, No.9, September 2010, pp: 291-299. **I.F 0.5**
- ❖ Kannan, R. Ravi, S. “Automatic Analog / Digital Modulation Recognition for SDR Implementation with FPAA”, CiiT International Journal, CiiT-IJ-0858, 2010, **I.F. 0.572**
- ❖ Gowrishankar and S.Ravi, “Implementation of FPAA controller with Programmable control law generator”, CiiT International Journal, CiiT, Aug. 2010, **I.F 0.572.**
- ❖ Mr. R. Ravindran, “Ultrasonic Proximity Sensor [Industrial Collaboration]”, National Conference on Academic Research on 13th & 14th August 2010.
- ❖ Mrs.S.Mary Joans, Dr.Anandanatarajan and Dr.S.Ravi, “Nonlinear image processing with EHW filter”, International Journal of Computer Applications, IJCA, USA, Aug-2010, **I.F. 0.835**
[http://www.ijcaonline.org/archives/volume5/number10/945-1323.](http://www.ijcaonline.org/archives/volume5/number10/945-1323)
- ❖ R.Kannan and S.Ravi, “Automatic Analog/Digital Modulation Recognition for SDR Implementation with FPAA”, CiiT International Journal, CiiT-IJ-0858, Aug. 2010. **I.F 0.872**
- ❖ Dr. A. Varghese, “Experimental Investigation on the Suitability of a New Composite Structure as Primary Feed”, International Conference in Sydney, Australia on 9th April 2010.
- ❖ Mrs. Janaki Rani, “Static Power Minimization CMOS and PSEUDO-NMOS Logic Circuits Using Sleep Transistors”, International Conference on VLSI Design and Communication System, Meenakshi Sundarajan Engineering College on 8th to 10th January 2010.
- ❖ S.P. Anandaraj, S.Poornima and S. Ravi, “Integration of Fault Tolerant Mechanisms in Wireless Sensor Networks through adopting SARD Architecture via Software Driven Approach”, All India National Seminar on Computing, Communication and sensor network, CCSN-2010, pp. 40-44.
- ❖ S.P. Anandaraj, S.Poornima and S.Ravi, “Fault Tolerant Implementation of Xilinx Vertex FPGA for Sensor Systems through On-Chip System Evolution”, FGCS 2010, part-II, CCISI20, pp.459-467, 2010, Springer Verlag, Berlin, Heidelberg 2010. **I.F. 2.326**
- ❖ Mr.Hari Krishna and Dr.S.Ravi, “Autonomous testing of reconfigurable Evolved circuits using Embedded IP core Units”, MASAUM Journal of Computing, (MJC),

Volume.1, No.2, September 2009, pp: 243-248. **I.F. 0.21.**

- ❖ Mrs. L. Swarnajothi, Mr. Ajit.V and S.Ravi, “FOSSNSM- Open standard for network security and monitoring”, International Journal of Computer Applications in Engineering, Technology and Sciences, IJ-CA-ETS, Paper No.IJ-2009-1133, April – Sep 2009, Vol. pp. 617-622, **I.F. 1.076.**
- ❖ Dr. A. Varghese, “A Simple and Sustainable Approach for Enhancing the Solar Cell Output”, International Conference in Amman, Jordan on 15th to 17th June 2009.
- ❖ Mr.Kalivaraprasad, T.Madhu, B.S. Charles, P.SathishKumar and S.Ravi, “Fault Diagnosis of VLSI circuits using FPGA Technology”, ICVcom-09, April 18-19, 2009. (Also session chair).
- ❖ Mr. G.Saravana Kumar and Dr. S.Ravi, “Eye Detection and Tracking Using Genetic Algorithm”, MASAUM Journal of Computing, (MJC), Volume.1, No.1, August 2009, pp: 32-36.
- ❖ Kalivaraprasad, B. Ravi, S. “A Novel Random Test Pattern Generator for Fault Identification using LFSR”, International Journal of System and Cybernetics IJSC, International Conference on VLSI and Communication, pp. 83-87, ICV Com- 2009, **I.F.85**
- ❖ Swarnajothi, L. Harish, R. Ravi, S. “ Wrapper in Design and Verification – An Analysis”, International Journal of Emerging Technologies and Applications in Engineering, Technology and Sciences, IJ-ETA-ETS, Paper No. IJ-2009-1134, 2009, **I.F. 1.076.**
- ❖ Rajan, B. Ravi, S. “FP GA Based Fault Tolerant EHW with Autonomous Restructuring Cores for Image Enhancement”, International Journal of Computer Applications in Engineering, Technology and Sciences, IJ-CA-ETS, Paper No. IJ-2009-1133, pp.309-314, 2009, **I.F. 1.076**
- ❖ Rao, P.V. Cyril Prasanna Raj, Ravi, S. “Design and ASIC Implementation of Root Raised Cosine Filter”, European Journal of Scientific Research, Vol.31, Issue 3, pp. 319-328, 2009, **I.F. 1.5**
- ❖ Rao, P.V. Cyril Prasanna Raj, Ravi, S. “VLSI Design and Analysis of Multipliers for Low Power”, International Conference on Communications, Japan, 2009
- ❖ Gowrishankar, Ravi, S. “Implementation of FPAA Controller using Learning Network Estimator for Fault Tolerant Control”, ISSN-0975-1336/CS#1602, Journal of Information Technology and Comp. Sci. Engg., 2009
- ❖ M.Sivanandam and S.Ravi, “Reliability of Helix TWT in Communication

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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DEPARTMENT OF COMMUNITY DENTISTRY

- ❖ Vinita Mary, “Oral Health Status and Treatment Needs of Geriatric Population of Old Age Homes of Chennai, India”, Journal of Oral Health Research, Vol.1, Issue:2, pp. 82-86, 2010
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12. Honours/Awards to the faculty:

Best Teacher Award is given to the faculty who had produced & performed well in the subjects they have handled. This is a regular annual feature. Certificate of merit given to 16 staff members and three of them were given shields.

Department of EIE

S No.	Names of Faculty	Prize	Award
1.	Ms. Sruthy Sreekumar	2 nd Rank in M.Tech Rs.25000	Silver Medal
2.	Mr. Jai Sankar	2 nd Rank in B.Tech Rs.25000	Silver Medal

13. Internal resources generated:

From short term programme organized by various departments

English	:	}	NIL
ECE	:		
CSE	:		
EEE	:		
E&I	:		
IT	:		
IBT	:		
MECHANICAL	:		
MBA	:		
TOTAL	:		

14. Details of Departments getting SAP, COSIST (ASSIST)/DST, FIST etc. assistance/recognition:

Details of the projects applied to different funding agencies in given below:

Project Applied (MECHANICAL)

Agency : SERC DST

Project Title : Developoment and Characterization Study on SCR Catalyst to Meet Euro V Norms In CRDI Diesel Engine

Project Applied (CIVIL)

Agency : DST

Project Title : Structural Application of Reinforced Concrete Beam using Steel Slag as a Coarse Aggregate

Project Applied (CSE)

I

Agency : Department of Science & Technology, Government of India
Project Title : Development a wireless Broadband Network for Industrial Application

Project Applied (CSE)

II

Agency : Ministry of Social Justice and Empowerment (Scheduled Castes Development Division) Government of India
Project Title : Job Oriented Vocational Training on Website Development and Desktop Publishing for Socio Economic Development of Educated Unemployed Youth

Project Applied (CSE)

IV

Agency : Department of Information Technology, Government of India
Project Title : National Language Integration Tool for MMS Conversion of an unknown language script into known language script

Project Applied (CSE)

V

Agency : Department of Information Technology, Government of India
Project Title : Entrepreneurship Development Programme for Educated Unemployed Youths

Project Applied (CSE)

VI

Agency : Tamil Nadu Adi Dravidar Housing Development Corporation (TAHDCO)
Project Title : Free coaching and Alliee Scheme for the candidates belonging to SC/ST communities

Project Applied (CSE)

VII

Agency : Department of Information Technology, Government of India
Project Title : GPS Based Intelligent navigation system for Heavy vehicles

Project Applied (IBT)

I

Agency : DST-FAST Track
Project Title : To Investigate the Toll-like receptor (TLR) Signaling in Breast Cancer and evaluate the use of multiple TLR ligands for therapy

Project Applied (IBT)

II

Agency : AYUSH

Project Title : Anti-diabetic effect of the muco-gel isolated from the unripe fruits of Hibiscus esculentus

Project under Preparation (IBT)

I

Agency : ICMR

Project Title : To use salivary diagnostics for detection of progression in periodontal infections

Project under Preparation (IBT)

II

Agency : CSIR

Project Title : To analyze the metabolic pathways of eugenol biosynthesis in Ocimum sanctum Linn

Project in Preparation (IBT)

III

Agency : UGC

Project Title : Detection of HPV DNA sequences and Ras mutation in oral cancer Patients

15. Community Services:

Traffic Regulation Training for Nss Volunteers and Security Guards

A Traffic Regulation Training Programme was conducted from 18.06.08 to 22.06.08 by NSS wing for the Volunteers and Security Guards by the Police Traffic Trainer Mr.Madhavan, Maduravoyal Police Station.

The Traffic Constable explained the volunteers about the behaviours of the drivers and the riders and how to be careful during regulating the traffic. He also informed the volunteers on what to do and what not in theoretical way.



After the theoretical explanation the volunteers were given practical training for a week on the NH-4 National Highway in front of the University campus.

This training was very much useful to University and the Traffic Police Wing since the traffic is being regulated at more places with the help of the NSS Volunteers. The Volunteers have shown much interest and taken the training with involvement.

Programme Officer Mr. Sreeram, who has coordinated with the Traffic Police and organized this activity with seriousness and commitment under the guidance of Programme Coordinator.

A Blood Donation Camp was conducted by Dr. M.G.R. Educational and Research Institute, University in association with Rotary Club of Madras West (RI Dist 3230) was conducted on 06.08.2008 at A.C.S. Medical College and Hospital, Velappanchavadi, Chennai.

Er. A.C.S. Arun Kumar, Managing Director, Dr. M.G.R. Educational & Research Institute, University, inaugurated the Camp and gave the Inaugural Address. The Presidential Address was given by Dr. K. Padmanabhan, Vice Chancellor of the University, who presided over the Camp. Dr. P.T. Manoharan, Advisor of the University and Thiru A. Ravi Kumar, Secretary - ACS Group of Institutions has also participated and gave speech on blood donation. The Special Address was delivered by Dr. Shah Nawaz Khan, Dean of A.C.S. Medical College and Hospital. Rotarian Mr.Kannan, Programme Coordinator Mr. P.S. Rajakumar, Programme Officers Mrs.S.Geetha, Mr. K. Senthil Kumar, and Mr. G. Sriram were actively participated in the Camp.



Er. A.C.S. Arun Kumar, Managing Director, Dr. M.G.R. Educational & Research Institute, University keenly watching the blood being taken from a volunteer.

There were huge number of 300 NSS Volunteers enthusiastically participated in the Blood Donation Camp and donated blood. Apart from volunteers some of the Staff Members have also voluntarily came forward and donated blood. 229 Units of Blood was donated both by Volunteers and Staff Members.

The Camp came to a close with Volunteers giving the vote of thanks for all the members who have willingly donated blood in the camp.

Fire Extinguishing Practice through NSS for Volunteers and University Staff Members

A programme on Fire Fighting / Extinguishing was conducted by NSS wing for the Volunteers, Staff Members, Drivers and Students in collaboration with M/s. Cease Fire Industries Ltd., Ayyanavaram, Chennai from 28.06.08 to 30.06.08.

A team of representatives from the company explained the “does and don’ts” to the gathering in theoretical way through PowerPoint Presentation.



The representative explaining to the Volunteers and Staff Members

After the theoretical explanation the representatives lead the gathering to the open ground, which is safer for fire practical, and explained in detail about how fire breaks out, what are the situations and conditions that stimulates fire, etc.

A demo was performed by the representatives to the volunteers and staff members. Then training was given on, types of extinguishers, how to handle those extinguisher, how the fire to be put off using various extinguishers, to some of the selected individual volunteers and staff members.



Demo being performed by the representative

This training was very much useful to University Bus Drivers, who have shown much interest and taken the training with involvement.



One of the drivers being given training to use the fire extinguisher



The representatives briefing our M.D. about the training session

Programme Officers Mr. K. Senthil Kumar and Ms. Geetha were initiated and organized this programme with sincerity and dedication.

Sadbhavna Diwas

Minutes of the Sadbhavna Diwas conducted by NSS Wing of the University held at 2.00 p.m. on 20.08.2008 at the University Open Air Auditorium.

The Pro Chancellor of the Dr. M.G.R. Educational & Research Institute, University, Er. A.C.S. Arunkumar, along with the Secretary Sri.S.Ravikumar, Vice Chancellor Dr. K. Padmanabhan, Vice President (Academic) Dr.P.T.Manoharan, Executive Director Dr. G.C.

Kothandan, and Principal Director Prof. R. Bhavani Shankar invoked the Sadbhavna Diwas by lighting the Kuthuvilakku. Apart from these eminent people Registrar Dr.S.Dinakaran, Controller of Examinations Dr. P. Sivakesan, Chief Administrative Officer Sri. N. Bakthavatchalam also were present during the function.



The Pro Chancellor of the Dr. M.G.R. Educational & Research Institute University, Er. A.C.S. Arunkumar lighting Kuthuvilakku



Eminent Personalities of the University were present at the dais



A part of Staff Members and Students taking the Sadbhavna Pledge

The NSS Programme Coordinator, all the Programme Officers of the NSS Wing, all the Volunteers and University students have gathered at the open-air auditorium and they all took the Sadbhavna Diwas Pledge, which was read out by NSS Volunteers in English, Hindi and Tamil languages.

Certified Tobacco Free Institution

Dr. M.G.R. Educational and Research Institute, University (decl. u/s.3 of UGC Act 1956) has been Certified as “**Tobacco Free Institution**” by Tobacco Cessation Centre – Cancer Institute (WIA) combined with Ministry of Health and Family Welfare, Government of India & World Health Organization.

As per the directions of the Director of Public Health and Preventive Medicine, Tamilnadu the Guidelines received from State Tobacco Control Cell was implemented at our University with the help of the Tobacco Control Task Force (TCTF) Teams established by the NSS Wing of the University.

On appreciation of our University, the NSS Programme Coordinator Mr. P.S. Rajakumar received the Certificate from Dr. Surjit Singh Barnala, His Excellency, Governor of Tamilnadu on 24.09.2008, for the remarkable initiatives towards creating Tobacco Free Educational Institution by the NSS Wing.



NSS Programme Coordinator Mr. P.S. Rajakumar receiving the Certificate from His Excellency, Governor of Tamilnadu

The Thiru A.C. Shanmugam, Chancellor, Er. A.C.S. Arunkumar, Pro Chancellor, Dr.K.Padmanabhan, Vice Chancellor and Thiru A. Ravikumar, Secretary, Prof. R. Bhavani Shankar, Principal Director of the University, Programme Officers Mr. K. Senthil Kumar, Mr. G. Sriram, and Ms. Geetha felicitated the NSS Coordinator and the entire NSS wing of the University for making our institution “Tobacco Free”.

Pulse Polio Immunization Camp

The Poonamallee Public Health Centre in association with Dr. M.G.R. Educational and Research Institute (University Decl. u/s.3 of UGC Act 1956) NSS Wing organized and conducted a one day Pulse Polio Immunization Camp at various places in Nerkundram Village (one of the adapted villages) on 01.02.2009. Under the effective guidance of Mr. G. Sreeram, Programme Officer, more than 50 volunteers have actively participated in the camp.



The NSS Volunteers canvassed almost all the parents, who have child/children below the age of 5 years, in and around the Nerkundram Village saying that the polio drops administered by the Government/Camp were of good quality and measured by international standards. They also canvassed not to believe the rumors about the quality of the medicine being administered at the Polio Vaccination Camps.

It was felt that there was a good response to their canvass and the count of the vaccinated children were increased compared to the one done during December 2008.

IET (UK) - MGR STUDENT CHAPTER & NATIONAL SERVICE SCHEME

A Seminar cum awareness programme on Right To Information (RTI) was conducted on 06.03.2009 jointly by Institute of Engineering Technology (UK) – MGR, Student Chapter (IET-MGR) and National Service Scheme wing of Dr. M.G.R. University at the Conference Hall at Dr. M.G.R. Educational and Research Institute – University (decl. u/s.3 of UGC Act 1956).



**Mr. S. Ramakrishnan, State Chief Information Commissioner – RTI
delivering the Key Note Address**

Mr. S. Ramakrishnan, State Chief Information Commissioner - RTI inaugurated the Seminar and delivered a very detailed key note address on the Right To Information Act and cleared the doubts of the students and staff members on what is information, how to get information from anybody as per RTI Act, what are the procedures to be followed, and other general information related to Right To Information.

The Vice Chancellor Dr. M.K. Padmanabhan, Presided over the seminar and Executive Director Dr. G.C. Kothandan (Former Principal of Madras Law College) and Dr.P.Aravindan, Dean (Research), Mr. L. Ramesh, Chairman – IETYMS, Chennai Network, and Mr. P.S. Rajakumar, Programme Coordinator, National Service Scheme of Dr. M.G.R. Educational & Research Institute, University participated in the Seminar and contributed their part.

More than 200 students and volunteers have participated and benefited out of this seminar. Around 5000 printed pamphlets were distributed to the general public dwelling near the University by the NSS volunteers on the day of seminar.

**NSS - SPECIAL CAMP – NERKUNDRAM & METTUKUPPAM VILLAGE
26-02-2009 to 04-03-2009**

The Special Camp (26.02.2009 – 04.03.2009) of the NSS Unit of Dr. M.G.R. Educational and Research Institute, University (decl. u/s. 3 of UGC Act 1956) was inaugurated at The Nerkkundram Panchayat Union Middle School, Nerkkundram on 26.02.2009 at 10.00 a.m.

Under the auspicious of Er. A.C.S. Arunkumar – Pro Chancellor, the inauguration of the Special Camp was inaugurated by the Vice Chancellor Dr.M.K. Padmanabhan, presided over by the Panchayat Union President Mr.P.Manoharan. Welcome address was delivered by Program Coordinator Mr. P.S. Rajakumar.

The Headmistress of The Panchayat Union High School, Nerkkundram delivered the Special Address.



After the inauguration, the NSS Volunteers went for their activities of the Special Camp being general cleaning of the venue, colour washing of the school, necessary arrangement for rain water harvesting (RWH), etc. Apart from the regular cleaning and white washing some of the following special activities were performed during this Special Camp.



There was a lecture on “Self Development” given by Prof. V. Cryil Raj. Dr.Rama Vaidyanathan gave a useful talk on “Environment Cleaning”. Doctors from Thai Moogambigai Dental College & Hospital performed free Dental Camp at the school. Prof. M. Ganesan delivered a useful talk both to the volunteers and the 10th std. class students. In the middle of the Special Camp an Official from NSS Regional Centre, Chennai made a surprise visit to the camp and gave valuable suggestions.



On the final day Valedictory Function our Registrar Prof. Dr. S. Dinakaran and Prof.V.Cyril Raj participated and gave valuable address to the students.

INAUGURAL FUNCTION OF THE CAMP

DAY1 (22.03.09):

The NSS Camp was inaugurated by our respectful Principal (Dr.S.Shanmugasundram), our respectful VicePrincipal (Dr.K.Balasubramanian) and Mr.Rajan, the Panchayat President participated in our function. The inaugural function was organized by NSS volunteers under the supervision of NSS Programme Officers Mr.A.John Martin, Sr Lecturer (Mech) and Ms.Pandi Sabareeswari, Lecturer (EEE) from Unit V and Unit VI.

The following activities were included as follows:

- ❖ On 23.03.09-Road in front of RREC and the surroundings of RREC was Cleaned
- ❖ On 24.03.09-Temple campus at Nolumbur was cleaned and white washed
- ❖ On 25.03.09-Neighbouring school campus was cleaned and white washed
- ❖ On 26.03.09-Trees were planted in school and various competitions to school children was conducted
- ❖ On 27.03.09-Medical camp was conducted at Nolumbur
- ❖ On 28.03.09-Valedictory function was conducted

DAY 2 (23.03.09):

On Monday, our RREC NSS volunteers of about 100 members involved themselves in cleaning of Adayalampattu village road. Mr.A.John Martin, the NSS program officer organized the program for the welfare of our college. Pit and patch works were also done by our NSS volunteers.

Pit and Patch Works



DAY 3 (24.03.09):

On Tuesday, our NSS volunteers actively participated in temple campus cleaning and white washing and also cleaning the surrounding campus.

Temple campus cleaning and white washing



DAY 4 (25.03.09):

From 25.03.09-26.03.09, our NSS students, along with our officer visited a Government Middle School at Nolumbur and did the following activities:

School campus cleaning



School campus white washing (25.03.09)



Tree planting in school campus (25.03.09)



DAY 5 (26.03.09):

Our NSS members with the help of our college conducted the cultural events during the camp and also various competitions in

- ❖ Tirukkural
- ❖ General ability
- ❖ General knowledge
- ❖ Group discussions
- ❖ Importance of education
- ❖ Savings
- ❖ Computer awareness
- ❖ Do's and Don'ts were conducted by our students and prizes were distributed on the same day.

YOGA Class

School Activities (26.03.09)



Conducting YOGA awareness programme for school children



DAY 6 (27.03.09):

On 27.03.09, Our NSS Unit V and Unit VI conducted the medical camp at Nolumbur. The medical camp was inaugurated by our Principal and our Vice-Principal were also participated. Doctors from our ACS Medical College and Hospital examined hundreds of people including school staffs, students and publics.



Cultural events on the camp (27.03.09) Evening



DAY 7(28.03.09):

On Saturday, the valedictory function was conducted which was inaugurated by our respectful Principal Dr.S.Shanmuga Sundaram in the presence of our Vice Principal Dr .K.Balasubramanian. Mr.Rajan, the Panchayat President were also participated in our function. The power point presentation of various activities was displayed by our NSS members with the support and assistance of NSS Coordinator Mr.P.S.Rajakumar. We thank our almighty for the great success of our NSS camp.



REPORT ON NSS SPECIAL CAMP HELD AT CHOLAVARAM FROM 23.03.2009 TO 29.03.2009

NSS camp was held for 7 days from 23.03.2009 to 29.03.2009 at Panchayat Union Elementary School, Cholavaram. Forty five NSS volunteers including 2 NSS officers participated in the camp. The NSS camp was inaugurated by the Chief Guest Mr.A.C.S.Arun Kumar, Pro Chancellor, Dr.M.G.R. University and the Special Invitees, the Village Officials and Authorities, spoke on the importance of NSS program and social

activities during education. Pamphlets on dental hygiene were distributed to the general public.



Village Officials and Authorities during inaugural function

The volunteers arranged for screening for dental problems and the special guest Mrs. P. Kasturi Pandiarajan spoke on Education is God. Since the information about the camp spread more villagers came for dental screening.



Dental screening and treatment going at the Camp



Doctors (Volunteers) cleaning the streets and a peculiar case being treated

Dr. Senthil Murugan B.V.Sc., spoke on the importance of Veterinary Science. NSS volunteers cleaned the school premises.

Dental Treatment Camp was inaugurated by Mrs. Vijayalakshmi, Headmistress, Panchayat Union Elementary School, Cholavaram. Nearly 400 people were screened and 275 people were treated for various dental problems. A section of the NSS volunteers cleaned various streets of Cholavaram village.

The highlight of the NSS program was Dr. P. Thirumalai Rajan's speech on "mouth is the mirror of diseases". Charts were displayed and POP models on brushing techniques were kept for public view. Pictures and posters on dental health were distributed.

NSS - SPECIAL CAMP – MADURAVOYAL & KARTHIKEYAN NAGAR 24-03-2009 to 30-03-2009

A seven day Special Camp (24.03.2009 – 30.03.2009) of the NSS Unit of Dr. M.G.R. Educational and Research Institute, University (decl. u/s. 3 of UGC Act 1956) was held at The Villivakkam Panchayat Union Middle School, Maduravoyal. Under the auspicious of Er. A.C.S. Arunkumar – Pro Chancellor, the inauguration of the Special Camp was presided over by the NSS Program Coordinator Mr. P.S. Rajakumar and the inaugural address was delivered by Mrs. S. Geetha, NSS Program Officer of our University. The Chief Guest of the Inauguration Mrs Thanga Vasantha, Headmistress–The Villivakkam Panchayat Union Middle School, Maduravoyal delivered the Special Address. Mr. Seethapathi, Youth Member of Maduravoyal also was present and gave a short special speech in the inaugural function.

The volunteers enthusiastically involved in general cleaning of the campus like cub-webbing, cleaning of class rooms, play ground with broom stick, scrubbing and colour washing of walls, cleaning water tank, disinfecting the drinking water, planting tree sapling in and around the campus, conducting competitions to the students, etc.



Enthusiastic activity by NSS Volunteers

Apart from these activities, various special guests have visited the Special Camp who gave interesting and useful speeches on importance of “Women’s Education”, “Road Rules”, “Soft Skills”, etc., to the students and NSS volunteers.

Valedictory Function of the Special Camp was held on day seven. The function was chaired by the Chief Guest, Dr. P. Kaliyaperumal, Dean (MBA). In his address he told the volunteers and the students about the importance of social service. Mrs Thanga Vasantha, Headmistress of the school praised the zeal and energy of the volunteers with which they involved in the work.



Volunteer’s colourwashing the adopted school

“Fuel Saving and Accidents Prevention”

A two day training programme for A.C.S. Group of Institution Drivers & Mechanics

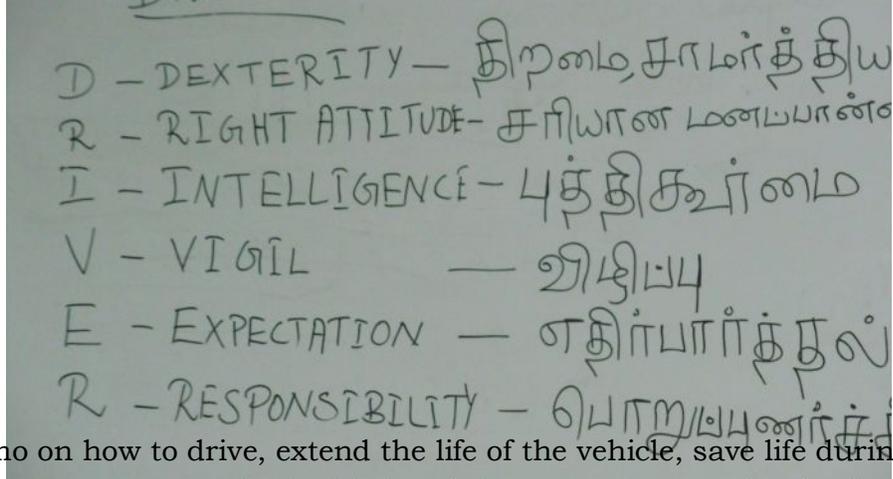
A two day training programme for the Drivers, Mechanics and NSS Volunteers of the A.C.S. Group of Institutions was conducted on 29th & 30th December 2009 in association with M/s. Hex Mobiles (P) Ltd., at Dr. M.G.R. Educational and Research Institute, University Conference Hall.

Under the auspices of Er. A.C.S. Arunkumar, Pro-Chancellor, of Dr. M.G.R. Educational and Research Institute, the programme was inaugurated and inaugural address was delivered by Mr. N. Bakthavatchalam, Chief Admin. Officer (Former Manager Metro Transport Corporation, Chennai). It was indeed a technical inaugural address by him for the audience. Through his address he hypnotized the audience with all his experience gained from MTC. Dr. G.C. Kothandan, Executive Director (Former Principal – Chennai Law College), delivered the Presidential Address. In his address he gave tips on law points, procedures to be followed after any accident and other relevant details.



The Special Address was delivered by Mr. Vincent, an External Faculty of Petroleum Conservation Research Association (PCRA). In his address he elaborately discussed how to conserve our fuel in a country like India. Mr. Rajendran, Transport Officer welcomed all the present and the Programme Coordinator Mr. P.S. Rajakumar

delivered Vote of Thanks. The Assistant General Manager of M/s. Hex Mobiles, Dr.P.Kaliaperumal - Dean-Purchase, Dr.C.B. Palanivelu - Addl. Registrar have also participated in the two day programme.



The live demo on how to drive, extend the life of the vehicle, save life during accidents, etc., by the sponsors was the highlight of the programme. The feedback from the audience was very tremendous and encouraging. Really they have learnt a lot from this programme. All the participants were encouraged by a Participation Certificate given by the PCRA.

Special Camp from 15.02.2010 to 21.02.2010

“Healthy Youth for Healthy India”

The 7 day Special Camp was inaugurated by Mr. A.C.S. Arunkumar, Pro Chancellor, Dr. M.G.R. Educational and Research Institute, University (Decl. u/s.3 of UGC Act 1956) in the presence of Dr. S. Shanmugasundaram, Principal. The N.S.S. Programme Coordinator Mr.P.S.Rajakumar delivered welcome address and the inaugural address was given by Dr.K.Balasubramanian, Addl. Principal. The Programme Officer Mr. M. Sabariraja delivered the Vote of Thanks.



On 15.02.2010 the NSS Volunteers began their service, in two groups, with their spade work for the reconstruction of roads, cleaning and white-washing of the adopted schools, etc., in Nolambur and Mugappair West the adopted villages.



On 16.02.2010 the common Temple for both the villages was refurbished by cleaning cobwebs in each and every corner of the temple. The floors and the walls were water washed; the statues were coated with oil and incense powders to give a fresh look; the thorn and unwanted bushes in and around the temple compound wall were removed.



On the third day the school was taken for the service. There was lot of bushes near by the school, which were cleared and proper measures were taken so that these bushes will not grow again. The posters pasted on the walls of the schools were also

cleared by the volunteers. On the same day evening, importance of cleanliness and environment was stressed to the school students and village people and they were requested to keep their surrounding environment clean. The school was also water washed and colour washed. A Free Eye Camp was conducted for the school children and the village people in coordination with the Sankara Nethralaya Eye Hospital, Chennai. A lot of villagers were benefited in this Eye Camp.



On day fourth, 18.02.2010 there was a Free Dental Camp with the help of the Doctors from Thai Moogambigai Dental College and Hospital at one village and there was a general Medical Checkup camp at the other village with the help of the Doctors from A.C.S. Medical College and Hospital. On the same day evening there was a lecture to the aspiring school children about the importance of Yoga by Physical Director Mr. Bharathi. There was also a practical cum lecture class on the computers and its uses by Asst. Prof. Mr. N. Kamal of CSE Department. These Dental and Medical camps were conducted according to the availability of the specialist Doctors.



On 19.02.2010 the pending works like white washing, coating for black boards, etc., at the adopted Schools were carried out by the volunteers.



On 20.02.2010, a Medical Camp was conducted in adjoining villages of A.C.S. Medical College and Hospital and at the adopted village. All the public in the villages were benefited from the Medical Camp.

On the conclusion day, under the Chairmanship of Thiru A.C.S. Arunkumar and in the presence of Thiru A. Ravikumar, Secretary the Vaedictory Function was conducted. Thiru.Raja, Village President, Nolambur Village was the Chief Guest. Ms.P.Anitha, NSS Volunteer welcomed all the dignitaries present. Mr. K. Thirukumar,

Programme Officer presented the report of consolidation of the Special Camp conducted. Ms. S. Valliammai, Programme Office gave the Vote of Thanks.



Thai Moogambigai Dental College and Hospital, constituent institute of Dr. M.G.R. Educational and Research Institute, University, Chennai, NSS Unit conducted a Special Camp in Noombal Village, Tiruvellore District from 08.02.2010 to 14.02.2010.

Day - 1 - On Monday the 8th February 2010, the inaugural function was conducted under the auspicious of Thiru A.C.S. Arunkumar, Pro Chancellor of our University. Welcome speech was given by the Panchayat Leader Mr. Kuppusamy, of the Noomabl Village. The inaugural speech was given by the Principal of Thai Moogambigai Dental College and Hospital. The Block Development Officer Mr. K. Selvaraj, was the Chief Guest for the inaugural function. The vote of thanks was given by the Programme Officer, Dr. R. Nagaraj. After the inaugural function the volunteers took up the field work in the Government Middle School, Noombal Village.

Day - 2 - A Dental Camp was conducted for the benefit of the village people. The dental camp was very successful as the public showed tremendous response. Around 750 to 800 public and students were screened and diagnosed and recommended to come to the hospital for further treatment. There was a lecture "Education is God", by Mrs. P. Kasthuri Pandiarajan, Principal of Yasodha Teacher Training Institute, Padappai, Kanchipuram District.



Day - 3 – The Dental Camp was continued for the second day also since there was a very good response from the public. The NSS volunteers took up the cleaning of the Government Middle School, Noombal Village. On the same day there was a lecture on the “Importance of maintenance of Cattlefield” by Dr. Ramaprabha, Veterinary Doctor.

Day - 4 – The NSS volunteers took up the cleaning of the Village School as well as the general cleaning of the streets. At the end of the day five streets in the village were cleaned neatly by the volunteers and got the praising of the village people. The Head Master of the Government Elementary School visited the camp and appreciated the work of the volunteers.

Day - 5 – Dr. Vinnee, Assistant Professor, Thai Moogambigai Dental College and Hospital gave a useful lecture on the topic “The Mouth – Gateway of Diseases”. The Dental Camp came to a conclusion. The Volunteers started cleaning the play ground of the Middle School campus. The volunteers also gave usefulness of the vaccination among the public and school children.

Day - 6 – A “Dental Health Exhibition” was conducted at the Public School. All the students were queued up class wise to view the exhibition. Specimens, working models, charts, etc. were exhibited and explained by the Doctors. The school students were given oral hygiene instruction and brushing techniques. Apart from the school students around 375 village people visited the Dental Health Exhibition and benefited.



Day - 7 – The valedictory function of the Special Camp was organized on the last day. Mr.P.S.Rajakumar, NSS Coordinator welcomed all the persons present. This function was conducted in presence of Thiru. A. Ravikumar, Secretary, Dr. M.G.R. Educational and Research Institute. University, Mr. P. Sundararajan, Retired Head Master and ex-NSS volunteer was the chief guest of the function. The NSS Special Camp Report and vote of thanks was presented by the Programme Officer Mr. L. Nagaraj.

16. Teachers newly recruited:

Jun-08				
1	Ms.P.Prabha	CSE	B.E.02, M.TECH-06.	Lecturer
2	Ms.S.Arul Selvi	CSE	B.Tech	Lecturer
3	Ms.A.Jegadeswari	IT	B.E.00, ME,08,	Teaching Asst.
4	Dr. D.P. Girish	IT	ME.Ph.D	Professor
5	Mr.S.Pradeep Narayanan	ECE	B.E,07	Teaching Asst.
6	Ms.M.Janaki Rani	ECE	B.E.00, M.E.03, M.S.97	Asst. Professor
7	Ms.Y.Jeya Shiniha	ECE	B.E.04, M.E.07	Lecturer
8	Ms.S.Anandhi	ECE	B.E.00, M.E.08	Lecturer
9	Ms.Saranya Gopinath	ECE	B.E,07	Teaching Asst.
10	Ms.T.Padma priya	ECE	B.Tech,07	Teaching Asst.
11	Ms. Kavitha, E.	ECE	M.E(PHD)	Asst. Professor
12	MS.Chettiyar Vani Vivekanand	ECE	B.E.99, M.E.06	Sr.Lecturer
13	Mr.R.Josva	EEE	B.E.07	Teaching Asst.
14	Mr.S.Sathya Narayanan	EEE	B.E.72, M.E.79	Professor

15	Mr.U.Siddharth Nambi	EEE	B.E.00, M.E.01	Asst. Professor
16	Mr.S.Arun Kumar	EEE	B.E,07	Teaching Asst.
17	Ms.R.Radhika	EEE	B.E.01, M.E.07	Lecturer
18	Mr.R.Kannan	EEE	B.E.98, M.E.00,(P.Hd)	Asst. Professor
19	Mr.M.U.Shanthana Krishnan	EEE	B.E.71, M.E.83	Professor
20	Mr.C.K.S.Suje	EEE	B.E,06	Teaching Asst.
21	Mr.V.M.Varadha Raju	EEE	B.E.98, M.E.02,(P.Hd)	Asst. Professor
22	Ms.A.Indhu mathi	EEE	B.E,01	Teaching Asst.
23	Ms.B.Sowmya	EEE	B.E,02	Teaching Asst.
24	Ms.Jenet Hosanna Margaret	E&I	B.E,-06,(M.E),	Teaching Asst.
25	Ms.Malathi	E&I	B.E.04	Teaching Asst.
26	Ms.L.Mageshwari	E&I	B.E,05	Teaching Asst.
27	Ms.K.Prema	E&I	B.E,-99,M.E,05	Lecturer
28	Ms.B.Vimala	IBT	B.Sc,03,M.Sc,05,M.Phil,06	Lecturer
29	Ms.P.Rathi Suganya	IBT	B.Sc,04,M.Sc,06,(M.Phil)	Lecturer
30	Mr.S.Chozhavendhan	IBT	B.Tech,07	Teaching Asst.
31	Ms.M.Nithya	IBT	B.Sc,05,M.Sc,07,	Lecturer
32	Mr.S.Sureshkumar	IBT	B.Sc,05,M.Sc,07,	Lecturer
33	Ms.P.Parameswari	IBT	B.Sc,05,M.Sc,07,	Lecturer
34	Mr.A.Devendran	MBA	B.Sc.)98, M.Sc,01,MBA07,M.Phil03	Lecturer
35	Ms.Uma Thirupathy	MBA	B.Com,00,MBA,02,	Lecturer
36	Ms.G.Devi Shoba Raj kumari	MCA	B.Sc,-98,M.C.A,04	Lecturer
37	Ms.K.Radhika	Civil	M.E.,	Lecturer
38	MS.M.Vanathi	Civil	B.E 04, M.E. 06	Lecturer
39	Mr. Arunagiri, P.	MECH	M.TECH.	Lecturer
40	Dr. Sasi Rekha	Anatomy	M.B.B.S., M.D.,	Lecturer
41	Dr. Revathy	Conservative	B.D.S	Lecturer
42	Dr. Anitha	Conservative	B.D.S	Lecturer
43	Dr. Karthik	Prosthodontics	B.D.S	Lecturer

44	Dr. M.R.C. Rajeswari	Oral Pathology	M.D.S	Prof. & H.O.D
Jul-08				
1	Ms.Almas Begum	CSE	B.E,06	Lecturer
2	Ms.S.Kaladevi	CSE	B.E,99	Lecturer
3	Ms.R.Ramya	CSE	B.E,98	Lecturer
4	MR.R.Kinglin Issac	CSE	M.E.	Lecturer
5	Mr. G.Senthilvelan	IT	M.Tech	Lecturer
6	MS.P.Nandhini	IT	B.Sc.01, M.S,03,M.Tech.05,	Lecturer
7	Ms.C.Narmatha	ECE	B.E.05	Teaching Asst.
8	MS.Sudeeptha Janet Charisa	ECE	B.E,08	Teaching Asst.
9	Mr. K. Senthil Kumar	ECE	B.E., M.E., (Ph.D.)	Asst. Professor
10	Ms.K.P.Nithya	EEE	B.E,04	Teaching Asst.
11	Ms.M.Kalairasi	EEE	B.E,05	Teaching Asst.
12	Ms.S.Archana	EEE	B.TECH,07	Teaching Asst.
13	Mr.Stephen Bernard.S	MECH	B.E06.,M.E.08	Teaching Asst.
14	Mr.B.Arun prasath	MECH	B.E00.,M.E.06	Lecturer
15	Ms.Sowjanya	E&I	B.E,08	Teaching Asst.
16	MS.V.Sunantha	E&I	B.E,08	Teaching Asst.
17	Ms.P.Sinthia	E&I	B.E,08	Teaching Asst.
18	Ms.G.Kalavathy	IBT	B.Tech 08,	Teaching Asst.
19	Ms.Mary Ittop	H&S	B.A,85,M.A,87,M.Ed,94,M.Phil,96	Asst. Professor
20	Ms.M.Ratha	H&S	B.A,04,M.A,06,M.Phil,07	Lecturer
21	Ms.P.Angelin Kiruba	H&S	B.Sc03,M.Sc,05,M.Phil,06	Lecturer
22	Ms.P.Sona	H&S	B.Sc,00,M.Sc,02,M.Phil,08	Lecturer
23	Mr.P.Vinayagam	H&S	B.Sc.89, M.Sc.91, M.Phil.92,B.Ed.94,9Ph.d)	Sr.Lecturer
24	Ms.C.Padmavathi	H&S	B.Sc.89, M.Sc.91, B.Ed.92,	Lecturer
25	Ms.M.Sridevi	H&S	B.Sc.05, M.Sc.07,	Lecturer
26	Ms.V.Sreelatha Devi	H&S	B.Sc.05, M.Sc.07,	Lecturer

27	Ms.D.Kavitha	H&S	B.Sc.04, M.Sc.06, M.Phil.07	Lecturer
28	MS. Mary Ittoop	ENGLISH	B.A,85,M.A,87,M.Ed,94,M.Phil,96	Asst. Professor
29	MS.M.Ratha	ENGLISH	B.A,04,M.A,06,M.Phil,07	Lecturer
30	Mr. Subramani, K.	ENGLISH	M.A., M.Phil.	Lecturer
31	Mr. Pandurangappa, C.	MATHS	B.Sc., M.Sc., (Ph.D.)	Asst. Professor
32	MR.P.Vinayagam	MATHS	B.Sc.89, M.Sc.91, M.Phil.92,B.Ed.94, (Ph.d)	Sr.Lecturer
33	MS.P.Sona	MATHS	B.Sc,96,M.Sc,98,	Lecturer
34	MS.P.Angelin Kiruba	MATHS	B.Sc03,M.Sc,05,M.Phil,06	Lecturer
35	MS.M.Sri Devi	MATHS	B.Sc.05, M.Sc.07,B.Ed.08,	Lecturer
36	MS.C.Padmavathi	MATHS	B.Sc.89, M.Sc.91, B.Ed.92,M.Phil.08,	Lecturer
37	MS.V.Sreelatha Devi	MATHS	B.Sc.05, M.Sc.07,	Lecturer
38	MS.D.Kavitha	MATHS	B.Sc.04, M.Sc.06, M.Phil.07	Lecturer
39	MS.E.Parimala	MATHS	M.Sc,M.Phil	Lecturer
40	MS.Arun Angel Priya	MATHS	M.Sc,M.Phil	Lecturer
41	MS.T.Jeyalakshmi	MATHS	M.Sc,M.Phil,B.Ed	Lecturer
42	MS.C.Finil Jophila	MATHS	M.Sc,B.Ed,(M.Phil)	Lecturer
43	Ms. E.T. Sheebia Jasphin	Physics	B.Sc., M.Sc., M.Phil	Lecturer
44	MR.K.Ebenezer	Physics	B.Sc.03, M.Sc.05, M.Phil.07	Lecturer
45	MS.J.P.Suchitra	Physics	M.Sc,M.Phil	Lecturer
46	DR.S.Ragavendran	Chemistry	B.Sc.,69 M.Sc.71, Ph.D.86	Professor
47	Dr.P.A.Vivekanand	Chemistry	M.Sc,M.Phil,Ph.D	Asst. Professor
48	DR.Sunita Kedar Dhavale	Chemistry	B.Sc.,98 M.Sc.00, Ph.D.04	Sr.Lecturer
49	Dr.R.Vasudevan	Phy. Dir.	B.Sc, NIS,M.P.Ed,Ph.D	Professor
50	Mr. K. Senthil Kumar	Phy. Dir.	M.Com,M.P.Ed,M.Phil	Lecturer
51	Mr. T. Bharathi	Phy. Dir.	B.Sc,M.Phil,M.P.Ed	Lecturer
52	Ms.S.Valarmathi	Civil	M.E	Lecturer
53	Mr. K.S.Dhayachandran	Civil	M.E.	Lecturer
54	Dr. V. Ulagaratchagan	Gen. Medicine	M.B.B.S., M.D.,	Lecturer
Aug-08				

1	Ms.P.Kavitha	CSE	B.Sc,02,M.Sc,04,M.Phil,07,M.E,09	Lecturer
2	Ms. C. Sharmila	CSE	B.E	Lecturer
3	Ms. J. Dhanalakshmi	IT	B.Tech,05 M.Tech., 07	Lecturer
4	Mr. S. Mohammed Nizar	ECE	B.E,05	Teaching Asst.
5	Chettiyar vani vivekanand	ECE	B.E.99, M.E.07	Sr. Lecturer
6	Ms.V.Srilekha	ECE	B.E,97	Teaching Asst.
7	Ms.Kanda prabha	ECE	B.E,08	Teaching Asst.
8	Ms.S.Namratha	EEE	B.E.05, M.E.08	Teaching Asst.
9	Mr.N.Nagarajan	EEE	B.E.69, MBA.85	Lecturer
10	Mr.Martin Sathya Raj	EEE	B.E,07	Teaching Asst.
11	MR. Jeyaprakasam	EEE	B.E., 71, M.Sc.76	Sr. Lecturer
12	Ms. Joymala Moirangthem	EEE	B.E.,06 M.E., 08	Lecturer
13	Mr.Rajamahendran	MECH	B.E,06	Teaching Asst.
14	Mr. Amit Bala	MECH	B.E., 08	Teaching Asst.
15	Mr.Aravind	MECH	B.E., 06,MBA ,07	Teaching Asst.
16	Mr.B.Srimanickam	MECH	B.E., 01	Teaching Asst.
17	Dr.M.K. Padmanabhan	MECH	B.E., M.Tech., Ph.D.	Professor
18	Mr.F.Antony xavier Bronson	IBT	B.E.08	Teaching Asst.
19	Ms. T. Bhuvanewari	MCA	B.Sc.,95, M.Sc.,98 Ph.D., 07	HoD & Prof.
20	Ms.Shoba rani	MCA	B.Sc,88,MCA,02,M.Phil,04,B.ed,(ph.d)	Lecturer
21	MS.Ezhil Arasi Kannan	MCA	B.Sc,05,MCA,08	Lecturer
22	Ms.C.B.Josepin jeba sharmy	MCA	B.Sc,03,MCA,07	Lecturer
23	MS.R.Thilagavathy	MCA	B.Sc,04,MCA,07	Lecturer
24	Mr. M. Mahalingam	H&S	B.P.Ed.05, M.P.Ed.07, M.Phil.08	Lecturer
25	Mr. D. Joshua Edison	H&S	B.P.Ed.04, M.P.Ed.07	Lecturer
26	Mr.M.S.Lijoe	H&S	B.P.Ed.02, M.P.Ed.05,M.Phil,07	Lecturer
27	Dr.Malathy kumar	H&S	M.A,98 M.P.Ed,84,M.Phil,93,Ph.D,04	Sr. Lecturer
28	Ms.A.Lakshmi priya	H&S	B.Sc.99, M.A.04,M.Phil,07,	Lecturer

29	Ms.S.Bhuvaneshwari	H&S	B.Sc.94, M.Sc.96, M.Phil.04,MBA,99,	Asst. Professor
30	Mr.C.Pradeep	H&S	B.Sc.02, M.Sc.04,PGDCA,04,(ME)	Lecturer
31	Mr. S. Dhevarajan	H&S	B.Sc.,M.Sc.,M.Phil.	Lecturer
32	Ms.T.G.Gerly	H&S	B.Sc. 94,M.Sc. 96,M.Phil.02	Lecturer
33	Ms. R. Amudha	H&S	B.Sc. 94,M.Sc.98, M.Phil.2000	Lecturer
34	Ms.K.Senthamil selvi	H&S	B.Sc. 04,M.Sc.06, M.Phil.04	Lecturer
35	Ms.N.Kamaladevi	H&S	B.Sc.97,M.Sc.01, (M.Phil)	Lecturer
36	Ms.K.Kaleewari	H&S	B.Sc.92,B.Ed,94M.Sc.03, M.Phil.06	Lecturer
37	Mr. R. Singaravelan	H&S	B.Sc.01, M.Sc.06	Lecturer
38	Dr.S.Ragavendran	H&S	B.Sc.,65 M.Sc.69, Ph.D.86	Professor
39	Ms.Nori sri satya Kiranmayi	H&S	B.Sc.,01 M.Sc.05,	Lecturer
40	Mr. Arul Joseph Amalraj .M	H&S	B.Sc., 91 M.Sc. 93 M.Phil, 02, B.Ed. 94, M.Ed. 96	Lecturer
41	Ms. Yamuna Sangeetha	H&S	B.Sc., 05 M.Sc. 07 M.Phil, 08	Lecturer
42	Ms.T.Kavitha rani	H&S	B.Sc., 01 M.Sc. 08	Lecturer
43	Ms.S.Ramya	H&S	B.Sc.06, M.Sc. 08	Lecturer
44	Ms.V.Sasi Rekha	H&S	B.Sc.02, M.Sc.04, (P.hd.)	Lecturer
45	Mr.K.Ebenezer	H&S	B.Sc.03, M.Sc.05, M.Phil.07	Lecturer
46	Mr.S.Suresh	H&S	B.Sc.00, M.Sc.02, M.Phil.06	Lecturer
47	Ms.M.Manju	H&S	B.Sc.03, M.Sc.06, M.Phil.07	Lecturer
48	Ms.G.S.Sathya	H&S	B.Sc.05, M.Sc.07, M.Phil.08	Lecturer
49	Ms.Bharathimani	H&S	B.Sc.99, M.Sc,01, M.Phil.08	Lecturer
50	Ms.P.Divya	H&S	B.Sc.05, M.Sc,07,	Lecturer
51	MS.A.Lakshmi Priya	ENGLISH	B.Sc.99, M.A.04,M.Phil,07,	Lecturer
52	MS.S.Bhuvaneshwari	MATHS	B.Sc.94, M.Sc.96, M.Phil.04,MBA,99,	Asst. Professor
53	MR.C.Pradeep	MATHS	B.Sc.02, M.Sc.04,PGDCA,04,(ME)	Lecturer
54	MR.S.Dheva Rajan	MATHS	B.Sc.04,M.Sc.06,M.Phil.07	Lecturer
55	MS.T.G.Gerly	MATHS	B.Sc. 94,M.Sc. 96,M.Phil.02	Lecturer
56	MS. R. Amutha	MATHS	B.Sc. 96,M.Sc.98, M.Phil.2000	Lecturer
57	MS.K.Senthamilselvi	MATHS	B.Sc. 04,M.Sc.06, M.Phil.08	Lecturer

58	MS.N.Kamaladevi	MATHS	B.Sc.97,M.Sc.01, (M.Phil)	Lecturer
59	MS.K.Kaleeswari	MATHS	B.Sc.92,B.Ed,94M.Sc.03,	Lecturer
60	MS.Bharathi Devi	Physics	B.Sc.99, M.Sc,01, M.Phil.08	Lecturer
61	MS.G.S.Sathya	Physics	B.Sc.05, M.Sc.07, M.Phil.08	Lecturer
62	MS.M.Manju	Physics	B.Sc.03, M.Sc.06, M.Phil.07	Lecturer
63	MR.S.Suresh	Physics	B.Sc.00, M.Sc.02, M.Phil.06.B.Ed.08,	Lecturer
64	S.Radhakrishnan	Physics	M.Sc,M.Phil	Lecturer
65	Ms.Rajeswari.B	Physics	M.Sc,M.Phil	Lecturer
66	Mr.M.Mohammed Abu Bakkar	Physics	M.Sc,M.Phil	Lecturer
67	MR. Arul Joseph Amalraj .M	Chemistry	B.Sc., 91 M.Sc. 93 M.Phil, 02, B.Ed. 95, M.Ed. 97,PGDCA.01,M.Phil.09	Lecturer
68	MS.T.Kavitha Rani	Chemistry	B.Sc., 01 M.Sc. 08	Lecturer
69	MS.Ramya	Chemistry	B.Sc.06, M.Sc. 08	Lecturer
70	Ms. Anitha Jansi Rani	Chemistry	M.Sc., M.Phil.	Lecturer
71	Ms. Kalaivani, K.	Chemistry	M.Sc., M.Phil.	Lecturer
72	Mrs.K.Nithya	Chemistry	M.Sc,B.Ed,M.Phil	Lecturer
73	Mrs.S.Valliammai	Chemistry	M.Sc,M.Ed,M.Phil	Lecturer
74	Ms.S.Suguna	Chemistry	M.Sc,M.Phil	Lecturer
75	DR.Malathy Kumar	Phy. Dir.	M.A,98 M.P.Ed,84,M.Phil,93,Ph.D,04	Sr.Lecturer
76	MR. M. Mahalingam	Phy. Dir.	B.P.Ed.05, M.P.Ed.07, M.Phil.08	Lecturer
77	MS. D. Joshua Edison	Phy. Dir.	B.P.Ed.04, M.P.Ed.07	Lecturer
78	Ms.M.Menaka	Civil	M.E.,	Lecturer
79	Ms.Anjana Bindlesh	HMCT	DHMCT.,DCS.,B.Com.,PGDCA,ILO Fellowship	Sr.Lecturer
80	Prof. Dr. Jayasree	Pharmacology	M.B.B.S., M.D.	Reader
81	Dr. Sri Devi	Conservative	M.D.S	Sr. Lecturer
82	Dr. Prabhu Mahin Syed Ismail	Conservative	B.D.S	Lecturer
83	Dr. R. Ananthalakshmi	Oral Pathology	M.D.S	Sr. Lecturer
Sep-08				
1	MR.G.Ashok Kumar	CSE	M.E.	Sr.Lecturer

2	Ms. Jayapradha, J.	CSE	M.E.	Lecturer
3	Mr.A.Kandasamy	MECH	B.E,96	Teaching Asst.
4	Mr.M.R.Wilson John	MECH	B.E97,M.E,02	Asst. Professor
5	MR.B.Senthil Kumar	MECH	B.E.06,M.E.O8,	Lecturer
6	Dr.N.Sudhakar	IBT	B.Sc,99,M.Sc01,M.Phil,02,P.Hd,08	Asst. Professor
7	Ms.S.K.Rahmath	H&S	B.B.M.03, M.A.05,M.Phil,07,	Lecturer
8	MS.S.K.Rahmath	ENGLISH	B.B.M.03, M.A.05,M.Phil,07,	Lecturer
9	MS.P.Divya	Physics	B.Sc.05, M.Sc,07,	Lecturer
10	MS.C.Vijayalakshmi	HMCT	B.Tech	Lecturer
11	Prof. Dr. R. Rahim Ahmed	Anatomy	M.B.B.S., M.S	Reader
12	Dr. L. Dhanaraj	Gen. Surgery	M.B.B.S., M.S.,	Lecturer
13	Dr. Snophia Rani Rajamani	Periodontics	M.D.S	Reader
14	Dr. Rathika Rai	Prosthodontics	M.D.S	Professor
Oct-08				
1	MR. Ravi Kumar	Physio & Bio Chem	M.Sc.,	Lecturer
Nov-08				
1	Dr. R. Murugesan	E&I	M.Sc.D.M.I.T., Ph.D. MBA.,	Professor
2	Mr. Kamal, N.	CSE	M.E.	Asst. Professor
3	Ms. Anitha, S.K.	MATHS	M.Sc., M.Phil.	Lecturer
4	Ms. Uma, L.	MATHS	M.Sc., M.Phil.	Lecturer
5	Ms. Kalaivani, P.	MATHS	M.Sc., M.Phil.	Lecturer
6	Mr. Vijaya Kumar, S.	Physics	M.Sc., M.Phil.	Lecturer
7	Prof. Mr.s Margaret Latha Mary	Nursing	Dip.(Nursing), B.Sc.(N), M.Sc.(N), Ph.D.	Principal & Prof.
Dec-08				
1	MR. Sivarajan	Mech	B.E88,M.TECH,03	Asst. Professor
2	Dr. Ribeka	Anatomy	M.B.B.S., M.D.,	Lecturer
3	MS. Saritha	Physio & Bio Chem	M.Sc., Ph.D.	Lecturer
4	Dr. S.M. Meenakshi Sundari	Gen. Medicine	M.B.B.S., M.D.,	Lecturer

5	Prof. Dr. Govindan	Gen. Surgery	M.B.B.S., M.S.,	Reader
Jan-09				
1	MS.Golda Dilip	CSE	M.Tech.	Lecturer
2	MR. K.S.N. Ramasubramanian	EEE	M.E.	Asst. Prof.
3	MR.A.Raja	EEE	B.E,-99 ,(M.E), 05	Sr.Lecturer
4	MS.S.Aruulvizhiy	EEE	B.E.01,M.E.04	Lecturer
5	MR.P.Thilagar	Phy. Dir.	B.P.E.S. 01, B.P.Ed.02, M.P.Ed.04, M.Phil.08	Lecturer
6	Dr. Rakhi	Oral Surgery	B.D.S	Lecturer
7	Dr. S. Chandra Sekar	Conservative	M.D.S	Reader
Feb-09				
1	MS.R.Ranjeetha	CSE	M.E.	Lecturer
2	MS. A. Subashini	Chemistry	B.Sc.,2000 M.Sc. 06, M.Phil., 08	Lecturer
3	MR. M.Shunmuga Kumar	Phy. Dir.	B.Sc. 04, B.P.Ed.05, M.P.Ed.07, M.Phil,08	Lecturer
4	Dr. G. Ravi Kumar	Path & Mic.Bio	M.B.B.S.,	Lecturer
5	Dr. Aswini Kumar Myneni	Gen. Surgery	M.B.B.S., M.S.,	Lecturer
Mar-09				
1	Dr. R. Megan	Path & Mic.Bio	M.B.B.S.,	Lecturer
2	Mrs. Karthiga	Path & Mic.Bio	M.Sc.	Lecturer
3	Ms. Sopia	Path & Mic.Bio	M.Sc.	Lecturer
4	Dr. Udaya Kumar	Oral Surgery	M.D.S	Reader
5	Dr. Prabha lakshmi	Prosthodontics	B.D.S	Lecturer
6	Dr. Yoga Lakshmi	Prosthodontics	B.D.S	Lecturer
7	Dr. Kalai Selvi	Community Dentistry	B.D.S	Lecturer
Apr-09				
1	Dr. Sri Devi	Pharmacology	M.B.B.S, M.D.,	Lecturer
Jun-09				
1	DR.R.M.Suresh	CSE	M.Tech. Ph.D.	Professor

2	Dr. B.S. Pradeep	CSE	M.Tech., Ph.D.	Professor
3	Dr. G. Vasanth	CSE	M.E., Ph.D.	Professor
4	Mr. J. Venkatesh	CSE	M. Tech.	Asst. Prof.
5	Mr. Jayabalan, S.	CSE	M.E.	Asst. Prof.
6	Mr. Vijay Anand, S.	CSE	M. Tech.	Lecturer
7	Ms. R. Jeevitha	CSE	M.Tech.	Lecturer
8	Dr. P. Subbaiah	ECE	M. Tech., Ph.D.	Professor
9	MS.V.Kavitha	ECE	B.E. 00,M.E. 01	Asst. Prof.
10	Mr. Prasanna Kumar, A.M.	ECE	B.E., M.E.	Asst. Prof.
11	MS. Shiney, R.R.	ECE	B.E.07, M.E.09	Lecturer
12	Ms. Padmapriya, R.	ECE	B.E.05, M.E.09	Lecturer
13	MS.S.V.Tresa Sangeetha	EEE	B.E., 97, M.E. 05	Asst. Prof.
14	MS. M. Sujitha	EEE	B.E.,00, M.E. 01	Asst. Prof.
15	MS.S.Gomathi	EEE	B.E.,00, M.E. 04	Asst. Prof.
16	MS.M.Vijayalakshmi	EEE		Asst. Prof.
17	MS.S.P.Chitra	EEE	B.E., 04, M.E. 06	Lecturer
18	MS. I. Devi	EEE	B.E.,03, M.E. 05	Lecturer
19	MS. K.R.Sughashini	EEE	B.E.,06, M.E. 09	Lecturer
20	MR.R.Elavarasu	EEE	B.E,04,M.E,06	Lecturer
21	Dr. R. Parthasarathy	E&I	M.E., Ph.D.	Professor
22	Dr. A. Raji Reddy	E&I	M. Tech., Ph.D.	Professor
23	Dr. Kvsr Prasad	E&I	M.E., Ph.D.	Professor
24	MS.N.Kamala	E&I	B.E., M.E., Ph.D.	Asst. Prof.
25	Mr. S. Selvaraj	E&I	B.E., M. Tech.	Asst. Prof.
26	Mr. L. Raja	E&I	B.E., M.E.	Asst. Prof.
27	Mr. M. Saravanan	E&I	B.E., M.Tech., (Ph.D.)	Asst. Prof.
28	Mr. N. Prabhakaran	E&I	M.E.	Asst. Prof.
29	Ms. Suma, C.	E&I	M. Tech.	Asst. Prof.
30	Ms. Bhuvaneshwari, P.	E&I	M. Tech.	Sr.Lecturer
31	MS. M. Sruthy Sreekumar	E&I	B.E. 07, M.E.	Lecturer

32	MS.J.Mary Winslon Glory	E&I	B.E,03,M.E,06	Lecturer
33	MS.R.L.Bhargavi	E&I	B.E,07,M.E,09	Lecturer
29	Ms. Mohana Priya	E&I	M. Tech.	Lecturer
30	Ms. Boomadevi	E&I	B.E., M.E.	Lecturer
31	Dr. K. Maniysundar	MECH	B. Sc. (Engg.), M.E., Ph.D.	Professor
32	MR.K. Arun Kumar	MECH	B.E. ,01 M.E.,06	Lecturer
33	MR.N.Pazhani Nathan	IT	B.Sc,92,M.Sc,94,PGDCA,95,M.TCH(IT)07	Lecturer
29	MR.A.Ananda Raman	IT	B.TECH.06,M.TECH,09	Lecturer
30	Ms. Prathiba	IT	M. Tech.	Lecturer
31	Mr. S. Aravind	IT	M. Tech.	Lecturer
32	Ms. Felix Kala	CIVIL	B.E.,00 M.E.02(Ph.D,M.B.A)	Asst. Prof.
33	Mr. V. Sethuraman	CIVIL	M.E.	Sr.Lecturer
29	MR.S.Bharath	CIVIL	B.E06.,M.E.09	Lecturer
30	MS.R.Jhansy Rani	CIVIL	B.E,99,M.E02	Lecturer
31	Dr. Dinakar, G.	MBA	B.E., M.B.A., M.Phil., M.Tech., Ph.D.	Professor
32	Dr.N.Ramachandran	ENGLISH	M.A,M.Ed,Ph.D	Professor
33	R.G.Jermin Sobana	Maths	M.Sc,M.Phil	Lecturer
29	Dr. Selvanandan	Physics	M.Sc., M.Phil., Ph.D.	Professor
30	Ms. Chellammal Madhusudhanan	Physics	B.Sc.,M.Sc., M.S., B.Ed., (Ph.D.)	Lecturer
31	Mr.J.Prakash	HMCT	DHMCT.,MHRM	Sr.Lecturer
32	Prof. Dr. R.S. Kumar	Gen. Medicine	M.B.B.S., M.D.,	Reader
33	Dr. L.J. Sai Lakshmi	Conservative	B.D.S	Lecturer
Jul-09				
1	Dr. S. Chandrasekaran	CSE	M.E., Ph.D.	Professor
2	Dr. Paul Rodrigues	CSE	M.E., Ph.D.	Professor
3	MS. Renjusha V. Gopi	CSE	M.Tech.	Lecturer
4	Mr. Aftab Ahmed	CSE	M.Tech	Lecturer
5	Mr. Prasanth Kumar	CSE	M.Tech	Lecturer
6	Ms. Anitha, A.C.	CSE	M.Tech	Lecturer
7	Mr. Dekson	CSE	M.E.	Asst. Prof.

8	Dr. T.C. Manjunath	ECE	B.E., M.E., Ph.D.	Professor
9	Dr. R. Chinnadurai	ECE	B.Sc., B.Tech., M.E., Ph.D.	Professor
10	MS. A. Srikrishnan	ECE	B.E. 99, M.E.05	Asst. Prof.
11	MR.K.Madhan	ECE	B.E,02,M.E,05,	Lecturer
12	MR. S.Rajesh Kumar	ECE	B.E,00,M.Tech,09,	Lecturer
13	MR. Ajay Priyadarshan	ECE	B.E,06,M.E,08,	Lecturer
14	Mr. Dinakar, H.L.	EEE	M.E.	Professor
15	Mr. Prabhakar, M.	EEE	M.E.	Professor
16	MR. B.Arivu Selvam	EEE	B.E.,03, M.Tech. 09	Lecturer
17	MS. E. Akilandeewari	EEE	B.E. 04, M.E. 06	Lecturer
11	Dr. R. Rani Hemamalini	E&I	M. Tech., Ph.D.	Professor
12	Dr. R. Anandanatarajan	E&I	M.Sc., M.E., Ph.D.	Professor
13	PROF. P. Jameel Ahmed	E&I	B.E., M.Sc.(Engg.)	Professor
14	Mr. Prakash Chetty	E&I	B. Tech., M. Tech.	Asst. Prof.
15	Mr. C.A. Abdul Nazzar	E&I	B. Tech., M.S.	Asst. Prof.
16	Mrs. Pearly Stanley	E&I	B.E., M.E.	Asst. Prof.
16	Mr. Asan Mohideen	E&I	B.E., M.E.	Asst. Prof.
10	Mr. Shivalingaiah, K.L.	E&I	M. Tech.	Asst. Prof.
11	Ms. D. Radhika	E&I	B.E., M. Tech.	Lecturer
12	Dr.P.Aravindhan	MECH	B.E., M.Sc., Ph.D.	Professor
13	Dr. Murtaza	MECH	B. Sc. (Engg.), M.E., Ph.D.	Professor
14	Dr. M.K. Jagadeeswaran	MECH	B.E.68, M.Sc.(Engg)71, Ph.D.04	Professor
15	PROF.M.Ganapathy	MECH	AMIE.,72 M.E. 82 M.I.S.T.E.	Professor
16	DR.K.V.Thyagarajan	MECH	B.E. 62 M.Tech.69 Ph.D 90	Professor
17	MR. K. Maiyappan	MECH	AMIE,97 M.E.,99	Sr.Lecturer
18	MS. S. Bismitha	MECH	B.E. ,02 M.E.,05	Lecturer
19	Ms. Shilpa, L.	IT	M. Tech.	Lecturer
20	Dr. V.S. Gajarajan	CIVIL	M. Sc. (Engg.), Ph.D.	Professor
21	A.Julie Elizabeth	English	M.A,M.Phil	Lecturer
22	Harshini Rajkumar	English	M.A,M.L.I.S(M.Phil)	Lecturer

23	R.Nilavu	English	M.A,M.Phil	Lecturer
24	S.Sasikala	English	M.Sc,M.Phil,M.Ed,Ph.D	Professor
25	Dr. Venkatalakshmi	Maths	M. Sc., Ph.D.	Professor
26	Dr.B.S. Shivakumar	Maths	M.Sc.,Ph.D	Professor
27	A.Viola	Maths	M.Sc,M.Phil,B.Ed	Lecturer
28	S.Radhakrishnan	Physics	M.Sc,M.Phil	Lecturer
29	Dr. Mallikarjuna Adi	Chemistry	M.Sc., Ph.D	Professor
30	Dr. Muthu Krishnan	Path & Mic.Bio	M.B.B.S., M.D.	Lecturer
31	Dr. R. Shankar	Gen. Medicine	M.B.B.S., M.D.,	Lecturer
32	Dr. Sujatha	Conservative	B.D.S	Lecturer
Aug-09				
1	Prof. S. Ramamurthy	CSE	M.Tech. (Ph.D.)	Professor
2	Ms. Prasanna Devi	CSE	M.E.	Asst. Prof.
3	Ms. E. Pradeepa Srinivasan	CSE	M.S.	Lecturer
4	DR. S.Padmanabahan	EEE	B.E. 62, M.Tech. 65, M.E.E. 71, Ph.D. 80	Professor
Sep-09				
1	Mr.A.Kandasamy	MECH	B.E,96	Teach. Asst.
2	Mr.M.R.Wilson John	MECH	B.E97,M.E,02	Asst. Prof.
3	Dr.N.Sudhakar	IBT	B.Sc,99,M.Sc01,M.Phil,02,P.Hd,08	Asst. Prof.
4	Ms.S.K.Rahmath	H&S	B.B.M.03, M.A.05,M.Phil,07,	Lecturer
January-2010				
1	MS.Siva Sakthi.A	CHEMISTRY	B.Sc., M.Sc.	Teach. Asst
2	MS.S.Subashini	ECE	B.E., M.E.,	Asst.Prof
3	MR.P.Dinesh	MECH	DME., B.E., (M.E.)	Teach. Asst
4	MS.S.Sandhya	IBT	B.TECH., M.TECH	Asst.Prof
5	MR.S.Srinivasan	EEE	B.E., M.E.	Assoc. Prof.
February-2010				

1	MS.S.Bhuvaneshwari	EEE	B.E., M.E.	Asst.Prof
2	MS. A.Nirmala	EEE	B.E., M.E.	Asst.Prof
3	MS.P.Dhivya Bharathi	E&I	B.E.	Teach Asst
March-2010				
1	MR.B. Rajan	ECE	B.Tech, M.Tech.(Ph.D)	Asso. Prof.
2	MR.J.Kishore Kumar	MECH	D.A..E (Automobile), B.Tech	Teach. Asst

17. Teaching – Non-teaching staff ratio:

Faculty / Student Ratio – 1:14

Teaching / Non-Teaching Ratio – 1:1

18. Improvements in the library services:

- ❖ Enhancement of 3m library system management for the security of library materials
- ❖ Back volume journals were updated.
- ❖ The central library was totally shifted to 3rd floor in VOC Block.
- ❖ Transaction was completely automated.
- ❖ Subscription was planned Access of e-journal and e-books in the library came into effect for staff and students.
- ❖ Total built up area 13,200 sqft.
- ❖ The library has nearly 400 seating capacities.
- ❖ Details of staff and students were updated.
- ❖ Barcode was started and processed.
- ❖ Purchase of Reference Books and Handbooks for Research Scholar.
- ❖ Browsing internet was implemented in the central library.
- ❖ Regular newsletters/wall magazines by all departments and publication of journals by more departments.
- ❖ 40 new computers were connected for networking process.
- ❖ Library services was extended for all seven days except on government holidays

- ❖ Alphabetical arrangements of library books were upgraded.
- ❖ Bar coding of new books purchased were undertaken.

19. Number of new books / journals subscribed and their value:

1. New Books were purchased : 1000
2. E-Journals subscribed of Value : 12,00,300

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

Students' assessment of teaching is done at the end of every semester for all courses. A sample of this is given below. The teachers are advised accordingly and their improvement is assessed next semester.

It is been found that this exercise benefited both faculty and students.

Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE UNIVERSITY																								
Students Feed Back																								
S.No	Criteria	Ganapathy	Ganesan	Suresh	Sundar	Raja	Manoj Babu	Vincent	Arun Ravin Joseph	Fredrick	Govardhan	Rajan	Ashok Kumar	Sanjey	Andrew Rallayan	Bhagyala kshmi Pasam	Kumara Vijayendra Gopal	Stephen Bernard	Arun Prasath	Kandasamy	Wilson John	Arun Kumar	Maiyapan	Jagadeeswaran
1	Commitment to students in imparting knowledge	9.4	9	6.8	10	8.4	8.4	10	8	8	9.7	8	9.8	9	9	9.5	8	8.4	8.1	10	9.8	7.6	8.2	8.9
2	Professional Knowledge	9.7	10	9.4	9.5	9.6	9.2	10	8.7	8	9.7	8.4	10	8.6	10	9.5	8	8	8.7	9.6	10	9.2	8.7	8.1
3	How far class is under his / her control	8.8	10	6	9.5	9.4	9.2	7.6	7.7	6	7.7	8.8	9.8	9	8.2	9.3	9	9.6	8.9	8.8	9.8	9.6	8.2	7.3
4	Teacher made good use of examples / illustrations	10	9	4.6	9.7	9.2	8.8	10	7.7	8.4	8.7	8.4	10	7	9.4	9.3	7.5	8.4	8.4	9.2	9.4	10	7.1	7.7
5	Legibility in black board writing and voice audibility	9.1	9	6.4	9.2	8.4	8.8	9.6	8.1	8.8	9.1	8.4	9.6	8.4	9.4	9.3	9	9.6	8.9	8.8	8.8	8	7.3	8
6	Teacher welcomed questions / comments	8.2	9.6	10	10	8.4	9.6	9.6	9	8.8	9.7	9.6	9.8	9.6	9.8	10	8	9.6	8.9	10	10	10	9.1	8
7	Teacher answered / responded to questions and comments clearly and concisely	8.8	9.6	8	9	8.4	9.6	8.8	8.1	8	9.1	9.2	9.8	9	9.6	9.5	8	10	8.7	10	9.8	9.6	8.2	7.1
8	Regularly in conducting classes and completion of syllabus	8.5	10	4.6	9.2	8.8	9.6	9.6	8.2	8	9.1	9.2	9.8	7.8	9.8	10	8	9.2	8.7	9.2	10	9.6	8.2	8.1
9	Helping the students academically after class hours	8.8	10	4	10	10	9.6	9.6	8.1	8	9.1	8.8	9.8	7.6	9.2	9.5	9	9.6	8.5	9.6	9.8	10	8.2	8.2
10	Impartial with students in the class & in evaluation	9.7	8.2	7	8.7	7.8	8.4	9.6	7.7	8.8	8	8.4	7.8	7.6	7.6	8	9	8.4	8.4	8.4	9	8	7.6	8
11	Did any class activity involve searching further materials on the internet?	8.8	7	9.5	9	6.5	7.5	8.8	9	8.4	8	8.5	9.3	9.3	9	8	4	9	7.8	9.3	9.3	9	9.2	9
12	Commitments and involvement in students' projects / activities	9.1	8	9	8.5	9	9	9.2	7	8	9	9	9.7	8	8	7.9	4	8.5	8	8.6	9.7	8	8	8.5
TOTAL		108.9	109.4	85.3	112.3	104	107.7	112	97.3	97.2	106.9	105	115.2	100.9	109	109.8	91.5	106.3	102	111.7	115.2	108.6	98	96.9
OVERALL GRADE		9.075	9.1167	7.1083	9.3583	8.7	8.975	9.37	8.108333	8.1	8.908	8.73	9.6	8.408	9.0833	9.15	9.15	9.025	8.5	9.308	9.6	9.05	8.1667	8.075

21. Unit Cost of Education:

S.No.	Particulars	2008 - 2009	2009 - 2010
1.	No. of Students	6410	7331
2.	Total Fees Collected	569380000	668843000
3.	INCOME: Per Capita Student	88827	91235
4.	Administrative & Capital Expenditure	542728214	634981201
5.	EXPENDITURE: Per Capita Student	84669	86616

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

All Systems like administration and the process of admissions and examination results, issue of certificates are fully computerized.

23. Increase in the infrastructure:

- ❖ The Laboratory of the Department has been upgraded with high configuration systems and LCD monitors in 2009.
- ❖ High capacity UPS has been connected to 80 PC's.
- ❖ All Labs were renewed with appropriate working tables and cupboards in 2009.
- ❖ A new lab set up of Structural Engineering under construction is going on its estimated cost is nearly 10 Lakhs. (The facility of the lab is loading frame, Strain indicator, Load cells and vibration meter).
- ❖ A new lab set up of Strength of Materials has under going in construction along with Structural Engineering Lab. (The new instruments are all modernized and latest technique, Torsion testing machine, Universal testing Machine, Compression testing machine, Impact testing machine and spring testing machine).
- ❖ In Fluid Mechanics and Machinery Lab additional instruments has purchased. (The instruments are office meter, Venturimeter, Centrifugal pump, Reciprocating pump and Gear pump).
- ❖ Civil Engineering CADD Lab has upgraded with new system of 60 Nos.
- ❖ Survey lab has GPRS and Total station instruments.

- ❖ Soil Mechanics lab has fully renovated with a budget estimate of 10 Lakhs.
- ❖ A proposal has submitted to the Management for renovation of Concrete Lab.

S.No.	Name of the Equipment	Date of Purchase	Cost(Rs)
1.	CATIA V5 – Academic learn package ED2 - full package	9-sep-09	1,00,000.00
2.	CATIA V5 – Academic learn package DIC – limited package	9-sep-09	3,33,333.00
3.	CATIA V5 – Academic learn package (SHE)	9-sep-09	1,00,000.00

- ❖ IBM Centre of Excellence
- ❖ ORACLE Centre of Excellence
- ❖ Information Security & Cyber Forensics lab
- ❖ Mobile Communication lab

INFRASTRUCTURE ADDED (2007-11):

	for PDM/PLM		
4.	Solid works Educational Edition Network 2010-2011 3D Solid Modeling software network perpetual license consisting of 2D,3D & complete FEA Modeling Including kinematics and CFD Analysis -60 use License no: 9710008331690482MKXJN9F4	31-sep-10	2,80,000.00
5.	HP Elite 71000 Configuration: Corei3 – 540, 2GB, 320GB, free dos, 18.5”wide TFT	06-jun-11	4,76,000.00
	Total Cost		12,89,333.00

THERMAL LAB (2007-11)

CAD-CAM LAB EQUIPMENTS (2007-2011)

METROLOGY and METALLURGY LAB (2007 to 2011)

S.No:	Name of the Equipment	Date of Purchase	Cost(Rs)
1.	Sine bar (4 nos)	12/8/09	14280
2.	Exhaust Gas Analyzer (AVL INDIA PVT Ltd)	14-02-2008	2,91,000/-
	Slip gages(112 pieces)	12/08/09	101572
2.	Pensky Marten's Flash and Fire Point	08-05-2009	1,25,075/-
3.	Height gauge	12/08/09	20400
3.	Four Stroke Single Cylinder Variable Speed	26-05-2010	1,20,000/-
4.	Diesel Engine with Rope Brake	12/08/09	153000
5.	Autocollimator(2 nos)	26-05-2010	73,632/-
6.	Four Stroke Single Cylinder Petrol Engine	07/09/10	180600
6.	with A.C. Generator		
5.	Four Stroke Single Cylinder Diesel Engines	26-05-2010	1,13,904/-
7.	Tools makers microscope (4 nos)	07/09/10	31940
8.	Bevel protractor(3 nos) Total Cost	07/09/10	6,11,900/-
9.	Gear tooth micrometer(3 nos)	07/09/10	76935
10.	Veriner caliper(2 nos)	07/09/10	6240
	Total		6,57,682

MACHINE SHOP

S.No.	Name of the Equipment	Date of Purchase	Cost(Rs)
1.	'DEVCO'CYLIDRICAL GRINDING MACHINE	30-05-2008, BILL NO:14034	192400
2.	'SIDDHAPURA' RADIAL DRILLING MACHINE	11-08-2008, BILL NO:005223	64000
3.	'PMT' SURFACE GRINDER	11-08-2008, BILL NO:005223	66500
4.	'PMT' TOOL AND CUTTER GRINDER	11-08-2008, BILL NO:005223	59500
5.	'UNITECH' ALL GEARED LATHE	30-06-2008, BILL NO:20768	159751
6.	'SURAJ' UNIVERSAL MILLING MACHINE	11-09-2008, BILL NO:20820	170018
7.	'MASTER' SHAPING MACHINE	11-09-2008, BILL NO:20820	150000
Total			8,62,169

TOTAL WORTH OF INFRASTRUCTURE PROCURED DURING 2007-2011: Rs 34, 20,184/
(Rupees thirty Four Lakhs Twenty thousand one hundred and eighty four only)

24. Technology up-gradation:

- ❖ Advanced Research Tools for Theory & Practice
- ❖ CAD/CAM lab has been upgraded with following softwares
 - i. SOLID WORKS
 - ii. CATIA-Version 5, Release 19
- ❖ AVL Exhaust gas analyser has been procured at Thermal engineering lab for emission analysis.
- ❖ FFT Analyser has been procured at Dynamics lab for vibration analysis.

CENTRES OF EXCELLENCE

Centres of Excellence exist in the departments of

- ❖ Computer Science and Engineering / Information Technology
- ❖ Electrical and Electronics Engineering
- ❖ Bio-technology
- ❖ Electronics and Communication Engineering
- ❖ Mechanical / Automobile Engineering
- ❖ Electronics and Instrumentation Engineering

Department of Computer Science and Engineering / IT

- ❖ Centre for Semantic Web (Farm & Agro Specialization)
- ❖ Oracle (Workforce Development Program)
- ❖ IBM Centre of Excellence
- ❖ Mobile Application Development
- ❖ Information Security and Cyber Forensics
- ❖ CIRRUS (Cloud Computing)
- ❖ Robozza (Department of Information Technology)

Department of Electrical and Electronics Engineering

- ❖ SUPERCEN (Sustainable Power and Energy Research centre)

Department of Industrial Biotechnology

- ❖ Centre of Excellence in Biotechnology

Department of Electronics and Communication Engineering

- ❖ Centre of Excellence in Electronics and Communication Engineering

Department of Electronics and Instrumentation Engineering

- ❖ National Instrument Bangalore

Department of Mechanical Engineering

- ❖ Centre of Excellence in Mechanical Engineering
- ❖ Centre of Excellence in Automobile Engineering

25. Computer and Internet access and training to teachers and students:

Sufficient numbers of computers are there in every department for the students and faculty to access Internet. The whole campus WI-FI enabled.

As our teachers are engineering graduates they have a thorough knowledge in the use of computer and Internet access. The students also have knowledge about internet access and the facility to use their Laptops. The 1st year students are provided with one Laptop each.

The computer training is planned for the last grade staff.

26. Financial aid to students:

101 students are being provided financial aid in the form of freships / scholarships based on their family background, performance academically and otherwise. They are supposed to make an application at the beginning of every Semester.

27. Activities and support from the CENOZOIC:

Name of the Programme : CENOZOIC'09
Type of the Programme : Annual Cultural meet
Organising Seceratory : Mr.Kalaignan

Cultural Report:

- ❖ Around 8000 students were gathered on the cultural function.
- ❖ Around 300 students were participated on the cultural events.
- ❖ Various colleges from Chennai were participated on the events.
- ❖ Prelims were conducted for more than 20 days in Dr.MGR university Phase –I and mega final were conducted at ACS medical College convention Centre.
- ❖ Around 20 different events like Solo Dance, Group Dance, music, Skit etc. were conducted.
- ❖ Tamil Cinema Ace Director, Mr. K.S. Ravikumar, Cine Artists, Mr. Karan, Mr. Chinne Jayanth and Mr. Prasanth, Dr. Prof. S. Sachidanandam, Vice Chancellor of Tamilnadu Dr. Ambedkar Law University participated and graced the Occasion.
- ❖ Companies like Pepsi, Titan, Levis, Honda sponsored the events.

28. Activities and support from the Parent-Teacher Association:

The college arranges regular meetings with parents and guardians to brief the parents about the new examination pattern, attendance, discipline and the nature of the curricular and co-curricular activities of the college. Meetings are arranged after the announcement of examination results, to improve the quality of students' performance to ensure parental involvement with their wards and whenever there is a breach of discipline by students.

29. Health Services:

- ❖ A Full-Time Doctor is Campus (Phase II) - caters to the need of students and also to the Hostel
- ❖ ACS Medical College - Free treatment for Staffs / Students
- ❖ Medical Card given to all the Teaching / Non-teaching Staff of the University.
- ❖ Medical & Dental Camps are organized once in every semester to help the poor and in and around the University campus.

30. Performance in Sports Activities:

Physical Education is part of a wider process of education. One view of education is that it is a process that seeks to transmit, evaluate and enrich aspects of culture. Sports as a cultural form are valued all over the world. It plays a vital role in everyday life. Sporting activities can provide a healthy and enjoyable leisure pursuit throughout ones life, assist in social and community harmony and build up civic and national pride and create an impact on the economy.

Our Philosophy relates to sport in its widest possible context

We endeavour to provide an opportunity for all our students to take part in varied sporting programmes.

- ❖ We aim to develop their understanding of the need for a healthy, active lifestyle, to promote a willingness to participate, an ability to empathize with others and a love of physical activity that will provide an enjoyable leisure pursuit in later life.
- ❖ Evidence suggests that regular physical activity is beneficial to health and well being in today's stressful, fast-moving society. People who are healthy usually have a positive outlook on life and are better equipped physically and mentally to cope with the rigours of modern living.
- ❖ Our programme aims to equip students with the knowledge, understanding, concepts, values and attitudes to adopt an active lifestyle.
- ❖ Voluntary and long-term participation in sports is dependent on individuals feeling competent and confident enough to participate at their own level. It is of prime importance that Physical Education is a positive experience, made accessible, stimulating and enjoyable and that every student feels valued, whatever the standard.

To cater for the different needs of our students, we include a wide range of sports from as many cultural backgrounds as possible with as many cross-curricular ties as possible. Health and fitness training is integral to all parts of the curriculum.

Physical Facilities:

❖ Basketball Courts	2
❖ Football Field	1
❖ Cricket Pitch	1
❖ Volleyball Courts	2
❖ Ball Badminton Courts	2
❖ 200 Metres Track	1

We have with us the following equipment and facilities to provide to our students whenever they need.

Equipment:

Table Tennis Boards, Cricket Kits, Badminton Bats, Table Tennis Bats, Stop Watches, Leg Pump, Iron Shots, Discus, Javelins, Carrom Boards, Chess Sets

We have very good Physical facilities like Football, Volleyball, Basketball, Tennis, Basketball, Cricket play fields within the campus. The scholars could use the Multi Gym Facilities available in the Department.

The following are the participation and achievements of our students in various fields of sports and Games during 2008–2010

UNIVERSITY TOURNAMENTS & SPORTS

All India Inter University Sports:

- ❖ Balaji Srinivasan, II Year IT, participated in the All India Inter University Championship (one zone) under 100 Kg category held at Jai Narain Viyas University, Jodhpur in January 2009.

OPEN & INVITATION TOURNAMENTS

- ❖ In **RIVIERA 2007**, organized by Vellore Institute of Technology, our Basketball, Volleyball, Football, Table Tennis, Chess and Badminton teams participated and reached various levels before finals from 2nd January 2007 to 4th January 2008.
- ❖ Our College Basketball, Badminton and Table Tennis teams participated in the **SSN Trophies** organized by SSN College of Engineering from 6th January 2008 8th January 2008.
- ❖ Our College Volleyball team entered into the competition for the **SRM Valliammai Trophy** organized by SRM Engineering College, Kattankulathur, from 8th January 2009 to 10th January 2009.
- ❖ St. Joseph's College of Engineering, Chennai organized **JETS 2009** from 11th January to 15th January 2009. Our Basketball, Volleyball, Ball Badminton, Table Tennis, Badminton, Chess, Weight Lifting and Athletic Teams participated in the meet.
- ❖ Sathyabama Institute of Science and Technology, Chennai organized **Dr. MGR Memorial Cricket Tournament** from 24th January 2010 to 29th January 2010 and our College team fought through the quarterfinals.
- ❖ Sathyabama Institute of Science and Technology, Chennai organized **Dr. MGR Memorial Cricket Tournament** from **24th January 2010 to 29th January 2010** and our College team fought through the quarterfinals.

ACADEMIC ACTIVITIES:

As Credit Based Semester System is being followed in our University, all the students of I Semester should pass a 3 Credit course in Health Science, which is aimed at keeping the Engineering students fit and healthy. This course is a

combination of Fitness Exercise (Practical programmes with suitable knowledge classes comprising of 2 lecture hours and 2 practical hours every week).

The knowledge input is on the following topics:

Health: Concept of Health, Dimensions of Health, Determinants of Health, Health Hazards of Modern Living & Growth and Development

Body System Responses to Exercises: Cardiovascular System, Respiratory System, Nervous System, Digestive System & Sensory Organs

Food and Nutrition: Factors affecting Nutritional status, Nutritional status, Nutritional Needs, Balanced Diet & Exercises and Food

Systems of Exercise: Calisthenics, Aerobics and Anaerobic, Isotonic, Isometric and Isokinetics, Injuries and First Aid, Suitable Exercises for different Age Groups

Yoga: Steps of Yoga, Simple Yogic Exercises for Health, Pranayama, Meditation and Yoga on Mental Faculties, Yoga on Different body functions

The Practical input on the following topics is carried out through demonstration, participation and practice.

- ❖ Body Building Exercises
- ❖ Energy Giving Exercises
- ❖ Flexibility Exercises
- ❖ Yogic Exercises
- ❖ Pranayama
- ❖ Suryanamaskars
- ❖ Fitness and Body conditioning Exercises
- ❖ Meditation, Concentration and other mind control exercises.
- ❖ Nature Foods and Nature Cures.

To start Bachelor Degree Courses on Sports Management, Sports Psychology and Sports Training.

31. Student achievements and awards:

Department of ECE

- ❖ **Abhinab Ghosh**, ECE IV Year published a paper on “UNMANNED AUTOMATED LEVEL CROSSING” for IET 360. He was awarded with 3rd prize under the category PAPER PRESENTATION.

- ❖ **Ashatosh Raj Sinha and Viplav Kumar** of ECE 4th year won 3rd prize for the event 'TRANSFORMERS' organized by IET UK during IET 360 conducted on March 11th-12th at Dr. M.G.R. EDUCATIONAL & RESEARCH INSTITUTE, UNIVERSITY.
- ❖ **Abhinab Ghosh**, ECE IV Year published a paper on "RIVER RESTORATION" under the category of INDUSTRIES DEFINED PROBLEM IN ASSOCIATION WITH IET 360. HE finished 4th in this competition.
- ❖ **Dhanush Dharmaretnam and Nishant Kumar** of ECE 4th year Published a Research paper on" AUTOMATIC ACCIDENT DETECTION SYSTEM APPLYING BRAIN WAVE ANALYSIS AND FATIGUE ANALYSIS" FOR IET Paper presentation and they were placed 4th under this category.
- ❖ **Dhanush Dharmaretnam** won 1st Prize for Debate, 2nd for Book review, 3rd for Mixed bag in the GLITTECRAZY 2010.
- ❖ **Ashish Kumar** of ECE 4th year won 1st prize for Mixed Bag, an event organized in association with GLITTECRAZY 2010.

Department of EEE

- ❖ **J. Antony, S. A. Sampath Kumar,**" WSN Bases Car Parking System Using MSP 430" and "HOCUS POCUS", Revelation'10, 2nd and 3rd Sep, Pondicherry Engineering College.
- ❖ **AnkurGhosh, AmritAnshuShekhar**, "Energy Auditing" Matrix'10, 24th Sep, Kumarguru College of Technology, Coimbatore.
- ❖ **Ramesh Kumar Sinha, Ritesh Kumar, Ribhu Kumar**, "Impact of Voltage Dip on Generator With Faulty Analysis", ICOP'S 10, 20th 21st 22nd Dec 2010,Guru Nanak Dev Engineering College , Ludhiana, Punjab, India.
- ❖ **Amreshkumar, Gactam Prakash**, "Combustion quality monitoring in power station using artificial neural network", IET 360^o, 11th and 12th March, Dr.M.G.R University.
- ❖ **Shakthi Kumar Mishra**, "Innovative application of MEMS optical switches" at NIT Trichy.
- ❖ **AnkitaKumari** Participated in the Workshop RESEARCHERS MEET at Hotel Chennai Deluxe Chennai in 20/07/2009.
- ❖ **AnkitaKumari** paper selected in Impact of Wind Power Generation in DG in National Conference on Soft Computing Techniques in Power System Operation and Control "SOFTCOMP 09" in VIT University, Vellore, Tamilnadu.
- ❖ **Himani Joshi** paper selected in Power System with Nano Technology in SPARX '09 in Indian School of Mines University (ISMU) Dhanbad.

- ❖ **Himani Joshi** paper selected in Impact of Wind Power Generation in DG in National Conference on Soft Computing Techniques in Power System Operation and Control “SOFTCOMP 09” in VIT University, Vellore, Tamilnadu.
- ❖ **Himani Joshi** Received FARADAY ACADEMIC MEDAL from IET-UK, YMS CHENNAI NETWORK, INDIA.
- ❖ **Himani Joshi** PRESENTED A MODEL ON Voltage Regulator in IET-UK, YMS CHENNAI NETWORK, and INDIA and awarded the 1ST position.
- ❖ **Nitish Kumar Singh** presented paper in 'ISACT-08” International Symposium on Advanced Computing Technologies in St Xavier Catholic College of Engineering, at Chunkankadai in Kanyakumari District (Tamilnadu) and secured 1st position.
- ❖ **Ashutoshsharan** Participated in the National Level Workshop on Recent Trends in POWER ELECTRONICS AND DEVICE at RAJALAKSHMI ENGINEERING COLLEGE in APRIL, 2008.
- ❖ **Ashutoshsharan** Participated in the Workshop DEPANNAGE’08 at MSME (GOVT OF INDIA), GINDY, Chennai in SEPT 2008.
- ❖ **AnkurShyam** participated in “Robocone09” in Mit Pune.
- ❖ **AnkurShyam** participated in the Workshop on fundamental of Robotics at Anna University, Chennai in January 2009.
- ❖ **GautamKumar** presented paper in 'ISACT-08” International Symposium on Advanced Computing Technologies in St Xavier Catholic College of Engineering, at Chunkankadai in Kanyakumari District (Tamilnadu) and secured 1st position.
- ❖ **Gautam Kumar** Participated in the National Level Workshop on Recent Trends in POWER ELECTRONICS AND DEVICE at RAJALAKSHMI ENGINEERING COLLEGE in APRIL,2008
- ❖ **GautamKumar** Participated in the Mishra Participated in the Workshop DEPANNAGE’08 at MSME (GOVT OF INDIA), GINDY, Chennai in SEPT 2008.
- ❖ **Punit Kumar Dubey**, participated in the National Level Workshop on RECENT TRENDS IN CONTROL AND INSTRUMENTATION at PSG College of Technology, Coimbatore, in February,2008
- ❖ **Punit Kumar Dubey**, participated in the Workshop RESEARCH METHODOLOGY at Hotel Chennai Deluxe Chennai in 19/07/2008
- ❖ **Punit Kumar Dubey** participated in the Workshop LIFE SKILL DEVLOPMENT at Hotel Chennai Deluxe, Chennai in 28/09/2008.

- ❖ **Punit Kumar Dubey** participated in the Workshop on WSN at Velammal Engineering College, Chennai in 12-13/09/2008.
- ❖ **Punit Kumar Dubey** presented paper in 'ISACT-08" International Symposium on Advanced Computing Technologies in St Xavier Catholic College of Engineering, at Chunkankadai in Kanyakumari District (Tamilnadu) and secured 1st position.
- ❖ **Punit Kumar Dubey** Received Ramanujam Medal of creative from IET-UK, YMS CHENNAI NETWORK, INDIA.
- ❖ **Punit Kumar Dubey** presented a paper on Application of Neural Networks in Wind Power Generation in IEEE National Level Symposium SURGE2K8 in Velammal Engineering College, Chennai, and (Tamilnadu).
- ❖ **Punit Kumar Dubey** presented a model on voltage regulator in IET-UK, YMS Chennai Network, and India and awarded the 2nd position.
- ❖ **Jata Shankar Singh** participated in the Workshop LIFE SKILL DEVELOPMENT at Hotel Chennai Deluxe, Chennai in 28/09/2008.
- ❖ **Jata Shankar Singh** presented paper in 'ISACT-08" International Symposium on Advanced Computing Technologies in St Xavier Catholic College of Engineering, at Chunkankadai in Kanyakumari District (Tamilnadu).
- ❖ **Jata Shankar Singh** participated in the Workshop on WSN at Velammal Engineering College, Chennai in 12-13/09/2008.

Department of CSE

- ❖ **S.Baskari**, "LUSTRO", 7 Mar '08, ST.Xaviers catholic college of engineering, Kanyakumari dist., 1st Prize.
- ❖ **Vijayanthvakan**, "TechQuiz", 24th Feb '09, Apollo Engineering College, 1st Prize.
- ❖ **Suresh Kumar**, "Debugging", 24th Feb '09, Apollo Engineering College, 1st Prize.
- ❖ **Abhinav Saxena**, "Paper Presentation", 26th Feb '09, Dr.M.G.R Educational & Research Institute, University, 2nd Prize.
- ❖ **M.Vasanth**, "TechQuiz", 24th Feb '09, Apollo Engineering College, 2nd Prize.
- ❖ **Vinod Kumar**, "Debugging", 24th Feb '09, Apollo Engineering College, 2nd Prize.
- ❖ **Veer Vikram Arun and Team**, "Tech Feast-QualComm Innovator's Challenge", 24-26th Jan '09, IIT, Bombay, 3rd Prize.
- ❖ **Prashanth Kumar, Alok Kumar**, "Improvize (DASH 09)", 13 Mar '09, Sastha University, 2nd Prize.

- ❖ **Dinesh Rathore**, “Sudoku”, 07 Feb '09, Meenakshi Sundarajan Engineering College, 1st Prize.
- ❖ **Satyapal Prins Chourasia**, “Debugging”, 09 Aug '10, Dr.M.G.R Educational & Research Institute, University, 1st Prize.
- ❖ **Satyapal Prins Chourasia**, “Certificate in Java Programming Language”, 18th Aug '10, NIIT, Rank Holder.
- ❖ **Ujwal Kumar**, “Gaming”, 20th Aug '10, Dr.M.G.R Educational & Research Institute, University, 1st Prize.
- ❖ **Mari Karthik**, “Treasure Hunt”, 20th Aug '10, Dr.M.G.R Educational & Research Institute, University, 1st Prize.
- ❖ **Satyapal Prins Chourasia**, “Aptitude Test”, 21st Feb '10, NIIT, Rank Holder.
- ❖ **Hari Ram Kumar**, “Quiz”, 26th Aug '10, Lord Venketashwara Engineering College, 2nd Prize.
- ❖ **Dinesh Kumar, Dilli Baskar, Jaya Raman**, “Quiz”, 26th Aug '10, Lord Venketashwara Engineering College, 1st Prize.
- ❖ **Satyapal Prins Chourasia**, “Debugging”, 28th Aug '10, Vellamal Engineering College, 2nd Prize.
- ❖ Kumar Saurabh, Sudhanshu, Srikant Bharadwaj, Pankaj Gupta, Sweta, Soma Saha, Kumari Nutan, Abhimanyu Singh Rathore, Chirag, Parmit Kumar, Bharat Bhushan, Amit Kumar Agarwal, Ashutosh Kumar Gupta, Niranjana Kumar, Ashwini Anuranjan, Anuja Verma, Sanjukta Bora, Ritu Nehra, Satyapal Prins, Santanu Barnah, Shapath Johri, Santhosh Kumar Singh, Vasanth, Nirmal Kumar, Surendra.V, “**TGMC Project**”, TGMC 2010, **IBM Academic Initiatives, Winners.**

Department of IBT

- ❖ **V.Sruthi**, “Replika 2010 (Ethiraj College)”, Debate –Cash Award.
- ❖ **Dhanapriya**, “Replika 2010 (Ethiraj College)”, Paper presentation 1st Prize.
- ❖ **Sudha**, “Replika 2010 (Ethiraj College)”, Debate - Cash Award
- ❖ **Noopur Kumari**, “Replika 2010 (Ethiraj College)”, Adzap-Cash Award
- ❖ **Abishek Kumar jha**, “Litfest 2010 (Dr. M.G.R. Educational & Research Institute, University)” Quiz-Cash Award

- ❖ **Swayan Siddha**, “KSHITIZ’09”, 1st Prize in Painting
- ❖ **Gudoo Kumar**, “Biozone at Dr.M.G.R. University”, 1st Prize in industry defined problems, 2009.
- ❖ **Swayan Siddha**, “NEN”, 2nd Prize in Essay Writing, 2009.
- ❖ **Swayan Siddha**, “CONCODIX’09” at Sathyabama University”, 1st Prize in Painting
- ❖ **Sri Kant, Dhawal Moghe**, “St.Peter’s University, Chennai”, 1st Prize in industr defined problems in natura, 2009.
- ❖ **Sri Kant, Dhawal Moghe**, “Bioconscientia at D.G. Vaishnava Colleve Chennai”, 1st Prize in Quizzaire, 2009.
- ❖ **Dhawal Moghe**, “Oral Presentation in National Technical Conference”, 1st Prize in Biotechnology held in Raja Lakshmi Engineering College in Chennai, 2009.
- ❖ **Ashish Rao.D**, “Biotechcellence’07”, Best undergraduate presenter in Anna University, Chennai, 2008.
- ❖ **Ramjee Chaudhary, Srikant Govind, Dhawal Moghe**, “Biotechcellence’07”, 3rd Prize in Quiz in Anna University, Chennai, 2008.

Department of CIVIL

- ❖ **Shahrukh Khan**, “Andaman PWD Trainee”, Internship.
- ❖ **Abrar Ahmed Khan**, “Andaman PWD Trainee”, Internship.
- ❖ **T J Shehnaz**, “Andaman PWD Trainee”, Internship.
- ❖ **T. Vignesh**, “Symposium”, Achieved 1st Place in the Competition.
- ❖ **Partha**, “IIT M-summer Camp”.

Department of EIE

- ❖ **Amit Kumar, Deepak Kumar, Siddarth Shankar, Surendar Kumar**, “Unique Water Pump Controller”, 1st Prize, 1500.
- ❖ **Manish Kumar, Manas Ranjan patel, Amit kumar**, “Anti-Sleep Alarm for Students”, 1st Prize, 1500.
- ❖ **Arun Kumar Chandhar, Deepak Kumar Mahto** (Paper Presentation), “Hand Free Driven can using unique Processing”, 1st Prize, 1000.
- ❖ **Mritun Jay Kumar, Suryaprakash** (Paper Presentation), “Adaptive Traffic Control with Wireless Sensors”, 2nd Prize, 750.
- ❖ **Shivang Saxena** (Paper Presentation), “Organic Light Emitting Diode”, 3rd Prize, 500.

- ❖ **Kunnal Kishore** (Paper Presentation), “Global Positioning System”, 1st Prize, 1500.
- ❖ **Rahul** (Paper Presentation), “Energy on Wheels”, 3rd Prize, 300.
- ❖ **Vikas Kumar Pujapriety**, “Solar Powered Mobile Phones”, 2nd Prize, 750.
- ❖ **Arun kumar, Deepak kumar manto, Jitesh Kumar**, “Construct Hover Craft & Obstacle Detector”, 2nd Prize, 1000.

Department of MECHANICAL

- ❖ **Hemanta**, “BASKET BALL (Sports Meet-2010)”, 13th to 18th, September, 2010, 1st Prize, Dr. M.G.R. Educational & Research Institute, University, Chennai.
- ❖ **R.Vijayalayam**, “Rock and Team Event and Name M sparx, SS Music”, Top 15 team from chennai.
- ❖ **R.Vijayalayam**, “Light Music, Thangavelu Engg College”, 1st Prize, (15,000 cash)
- ❖ **Swarup Barikolar**, “Best Speaker in 1st Year”, 1st Prize, Dr. M.G.R. Educational & Research Institute, University, 2010.
- ❖ **Swarup Barikolar**, “Creative writing in 1st year”, 1st Prize, Dr. M.G.R. Educational & Research Institute, University, 2010.
- ❖ **Srikanth Addala**, “SAE INDIA, Tier-I PPT”, MGR College, 2010, 1st Prize.
- ❖ **Srikanth Addala**, “SAE INDIA, Tier-II PPT”, VELLORE, 2010, 3rd Prize.
- ❖ In 2010 they won a cash prize of Rs.2 lakhs in the Dynamic Events for maximum speed and raftar events.
- ❖ **Shriram Thawar, Sandip Kumar, Rubina Mahatab khan**, “Business Plan Presentation, SAE Tier I”, 2009, 1st Prize.
- ❖ **Sandip Kumar, Rubina Mahatab khan**, “Best Design Award, Coimbatore”, 2009, 1st Prize.
- ❖ **Eshan Sett**, “Shaastra IDP, IIT”, Chennai, 2009, 3rd Prize.
- ❖ **Eshan Sett**, “Mechanica-IRP, IIT”, Chennai, 2009, 2nd Prize.
- ❖ **Eshan Sett**, “IET MGR EINSTEIN AWARD”, Dr.M.G.R. Educational & Research Institute, University, 2009, 1st Prize.
- ❖ **Eshan Sett**, “IET MGR Startup Award (2)”, Dr.M.G.R. Educational & Research Institute, University, 2009, 1st Prize.
- ❖ **Eshan Sett**, “Supra SAE Level II PaperPresent”, VIT, VELLORE, 2009, 3rd Prize.
- ❖ **Eshan Sett**, “Supra SAE-Design Award”, MMST, Chennai, 2009, 3rd Prize.

- ❖ **Eshan Sett**, “SAE Business Plan”, Dr. M.G.R. Educational & Research Institute, University, Chennai, 2009, 1st Prize.
- ❖ In 2009 they bagged the cash prize of Rs.60, 000 and Chairmans Award for out standing efforts.
- ❖ **Rubina Mahatab khan**, “GK Quiz contest”, Dr. M.G.R. Educational & Research Institute, University, Chennai, 2008, 1st Prize.
- ❖ **Rubina Mahatab khan**, “Throwball”, Dr. M.G.R. Educational & Research Institute, University, Chennai, 2008, 1st Prize.
- ❖ **Rubina Mahatab khan**, “Volley Ball”, Dr. M.G.R. Educational & Research Institute, University, Chennai, 2008, 1st Prize.
- ❖ **Jai Singh Hanjra**, “Elocution”, Velammal College, 2008, 1st Prize.
- ❖ Mechanical Engineering under graduate students has been participating in Sae Baja – A National Level event from 2008 onwards.
- ❖ In 2008 event our team stood 12th among the colleges participated in India.

Department of MCA

- ❖ **Ms. Hemalatha**, “Gold Medalist in University Exam” May 2010.
- ❖ **Mr. Samim Ansari**, “Quiz Competition”, First Prize in Technical Symposium 2010.
- ❖ **Mr. Faiz Anwar**, “Quiz Competition”, First Prize in Technical Symposium 2010.
- ❖ **Anamika Modak**, “Gold Medalist in University Exam” May 2008.
- ❖ **Pulak Kanti Bhuin**, “Gold Medalist in University Exam” May 2007.

32. Activities of the Guidance and Counselling Unit:

The college imparts guidance and counselling to students through the academic counselling and career counselling. Academic Counselling starts at the very first stage with the commencement of admission process. During the course of the academic session, regular monitoring of the students’ performance is done through internal periodic tests, class performance and assignments. The feedback from the various evaluation processes enables the teachers to counsel the students for improving their performance and guide them appropriately. Remedial and tutorial classes are also conducted for the weaker students. In addition to this, reports of the poor performance are sent to their parents, which help to improve the students’ academic performance and overall development. The teachers also take initiative to solve personal and emotional problems faced by some students on a one to one basis. If required, parents of those students are

also advised to monitor their wards, to seek professional help.

Career Counselling primarily aims at conducting seminars and workshops through various professional bodies, institutions and companies. These sessions are highly interactive and students actively participate to clarify their doubts and gain new insights. These interactions with external institutions help the students in assessing the career opportunities and choosing their career path. The students are also encouraged to go for vocational training in addition to their regular curriculum.

33. Placement services provided to students:

2008 – 2009 – Placement Report

S. No.	Company	Position	CTC	Eligible Dept
1.	Infosys	Software Engg	2.75	All Engineering Depts
2.	Keane	Software Engg	2.8	All Engineering Depts
3.	Hexaware	Software Engg	2.2	CSE, IT, MCA, ECE, EEE, ETC, EIE, ICE, Mech, Civil
4.	AIG Software Solutions	Software Engg	2.2	CSE, IT, MCA, ECE, ETC, EEE
5.	VIRTUSA	Software Engg	2.25	CSE, IT, MCA
6.	Mphasis	Software Engg	2.5	All Engineering Depts
7.	FL-Smidth	Trainee Engineer	2.75	Mechanical
8.	Frost & Sullivan	Trainee Engineer	2.75	Mech, ECE, ETC, EEE
9.	Lion Bridge	Trainee Engineer	2.8	Mechanical
10.	TATA Chemicals	Trainee Engineer	2.8	Chemical
11.	Origen	Management Trainee	1.5	MBA
12.	India Infoline	Management Trainee	1.5	MBA
13.	Reliance Insurance	Management Trainee	1.5	MBA
14.	Sutherland	Technical Support	1.8	All Depts
15.	Apollo Tyres	GET	2.8	EEE, EIE, ICE, Mech
16.	Cease Fire	Junior Manager	1.5	MBA
17.	HCL	Software Engineer	3.25	CSE, IT, MCA, ECE, EEE, ETC, EIE, ICE, BMI
18.	L&T	Software Engineer	3.5	Civil, Mech, EEE
19.	BATA	Trainee Store Manager	1.3	MBA

20.	ICICI Bank	Technical officer	2.5	Civil
21.	Shriram Values	Training & Development	2.5	MBA
22.	Techno Fab	Trainee	1.4	Mech
23.	Tally Solutions	Software Engineer	3.5	CSE, IT, MCA

34. Development programme for non-teaching staff:

Most of the non-teaching staff has been given the requisite training to preserve all data regarding admission, examination, college fees, staff salary, income tax, stock maintenance of office as well as laboratories etc. in computers.

35. Healthy practices of the institution:

First University in the Region to Introduce the Credit System of Evaluation

- ❖ Syllabi of all courses were drafted in 2003 , revised after the first batch in 2007 and again subsequently recast and revised in 2010 – constant up-gradation and revision of Syllabi
- ❖ IQAC (Internal Quality Assessment Cell) functioning with meetings held every three months
- ❖ Field Training specifically introduced as per NAAC Committee’s suggestions
Smart class rooms
- ❖ Irrespective of increase in student admissions, infrastructure, Faculty – Student ratio (1:15 or less) maintained
- ❖ Several Innovative Student projects – acclaimed by the Press!

Quality Initiatives Taken

- ❖ Dedicated Group for Quality Improvement Initiatives
- ❖ Documented Systems & Processes
- ❖ IQAC (as per NAAC), in place
- ❖ Continuous Improvement towards Excellence
- ❖ Adopting Industry Standard Models
- ❖ Industrial Training, *as part of Syllabi*
- ❖ Best Practices Management
- ❖ Benchmarking with chosen Indian and Global Players
- ❖ Collaborations with Foreign Universities for projects / twinning programmes

A number of faculty related initiatives introduced to improve the teaching - learning process

- ❖ Structured Induction & Training
- ❖ Faculty Development Programmes for Improved Teaching Effectiveness

- ❖ Large Number of Guest Lectures organized with Outside Experts from Industry
- ❖ Training Infrastructure for faculty
- ❖ Exposure in Industry and Academic Environment-Local and International
- ❖ Encourage sabbatical for Faculty to Industry to improve their relevance to them
- ❖ Introducing HR Best Practices for Teaching and Non-Teaching Staff
- ❖ Improving Retention of Key Faculty
- ❖ Improving Engagement with Staff to Improve / Sustain Morale
- ❖ Improve Compensation Structure for Faculty
- ❖ Performance and Rewards Management

Teaching Methodology

- ❖ A tutorial based teaching approach
- ❖ Students are given every opportunity to deliver seminars and taken for visits to Industries / other Institutes for better appreciation of the subject
- ❖ Field Training, as part of curricular, specifically introduced as per NAAC committee's suggestions
- ❖ Discussions involving journal publications encouraged
- ❖ Stress on All-round Development of the Student and Students are exposed to many opportunities, to enhance their soft skills by attending Business English Courses
- ❖ Short Term Workshops / Conferences being Organized
- ❖ Large Number of Augmentation Programmes/Courses Organized

Part C: Explain the plans of the institution for the next year. Plan of Action 2010- 2011

1. Diversification of Course.
2. Importance of teaching-learning process.
3. Innovation in Teaching Methodology
4. Assessment of Faculty
5. Update the library.
6. Library hour.
7. World AIDS Day Awareness.
8. Automation of library books using Boan software sustained.
9. Subscription was planned Access of e-journal and e-books in the library came into effect for staff and students.
10. The national and international journals were subscribed.
11. Browsing internet was implemented in the central library.
12. Regular newsletters/wall magazines by all departments and publication of journals by more departments.
13. Infrastructure Modification –

- i. The list of total no of students received from admission office is presented to the members.
 - ii. New construction of block is suggested and old blocks are not sufficient for accomodating students in coming year.
 - iii. Tentative class room requirement is arrived, class room arrangements were made.
 - iv. Based on suggestion given by V-C class rooms are accommodated near to respective departments.
 - v. Students are partially satisfied with the class room arrangements.
 - vi. The list of class room arrangements is finalized and will be sent to the Dean E&T for circulating to the departments.
14. Seminars to be held in all departments on a regular basis, following a schedule.
 15. Remedial teaching to be incorporated in the college timetable on a regular basis.

ANNEXURE – I

Centre for Entrepreneurship Development



The zone for Entrepreneurial Thinkers....



MISSION STATEMENT

To promote economic development by supporting entrepreneurs, advancing entrepreneurial activities and nurturing early-stage businesses with space, facilities and support services.

OBJECTIVES OF ARIZON-EDC@Dr.MGR

1. To create an environment for self-employment and entrepreneurship development through formal and non-formal programs.
2. To introduce the concept of entrepreneurship in curricula at the undergraduate degree levels and as certificate courses.
3. To increase the creativity and innovation in young graduates towards finding new commercially viable solutions to commonly found problems in the technical sectors.
4. To instill entrepreneurial skills in business plan formulation, making a prototype and taking the prototype to the market, negotiating, financial planning, and marketing.
5. To provide mentoring for students willing to take the entrepreneurial plunge.
6. To identify and provide solution for the problems of small business management & entrepreneurs.
7. To set up Incubator facilities for entrepreneurs by providing space, facilities and support services.
8. To have student – run entrepreneurial projects for sustaining the EDC.

MEMBERS OF ARIZON-EXECUTIVE COMMITTEE

Head of the Parent Institution	Vice Chancellor
Representative of NEN	Ms. VishnuPriya
An Entrepreneur	Mr. Raj Shankar, Ichiban Business Consultants Pvt. Ltd.
Chief Coordinator of the Cell	Dr. Rama Vaidyanathan (HoD – Biotechnology)

Staff Coordinators

Ms. S.V.Tresa Sangeetha, EEE

Mr.ArunKumar, IBT

Mr.Krishnaraju, IBT

Dr.Sridevi, MBA

Student Coordinators

Mr. Shiv Kumar Dangi

Ms. Aparajita Jha

INAUGURATION OF ENTREPRENEURSHIP CELL - AUGUST 10TH 2009

EDC @Dr.MGR University was inaugurated by Mr. Sunil Cherian, CEO BurgerMan (Entrepreneur)

NEN - INTERCITY MEET- SEP 5TH 2009

The NEN – Intercity Meet was hosted by Dr. M.G.R. University. More than 100 E-Cell Members from 15 different Colleges in Chennai participated in the program. In this program Dr. Sumathy gave a talk on Communication skills for entrepreneurs. Two entrepreneurs from SRM University gave a talk on their company products.

E-WEEK 2010-FEB 14-19TH 2010

The E- Week was celebrated by enthusiastic E-Cell Members with the following events:
Video screening of "**Ideas for India's Future**" , a talk by Nandan Nilekeni followed by Discussion.

"Be a 3 day Entrepreneur" Invest Rs.1000 and try your hand at entrepreneurship. Reports were submitted in 2 days time. The students were asked to submit a report answering the following questions: 1. what is the Product? 2. Which is the market segment being targeted? 3. How were the Operations structured? 4. How can you protect your business from competition? 5. How did you communicate to your customer?

Totally 36 teams participated in the contest. They generated a total turnover of over Rs.50, 000 in these two days. Five shortlisted teams were asked to present their Business and the best Business Team White Swan Pvt. Ltd. Which offered a series of

services for students was chosen as the winner. **Speakers during E-Week were Raj Shankar - CEO, Ichiban Consulting and Harihara Subramanian - MD- Mayura Automation Pvt. Ltd.**

ARIZONE-TEAM MEETING- Nov 19th 2010

The Entrepreneurship Cell of Dr.M.G.R.University christened as ARIZON was renewed with a kickstart team meeting organised in seminar hall on **Nov 19th 2010**

8 Staff members and 12 students from different departments of the college were present under the leadership of **Dr.RamaVidyanathan (HOD-IBT)** to plan for the Ecell activities of the forthcoming semester starting December.

The objective for the MGRU E Cell was proposed by **Mrs.S.V. Tresa Sangeetha (EEE)** and agreed upon by all Faculties. The theme for the Arizone Team “A Zone for Entrepreneurial Thinkers “was agreed upon by all Faculties.

Arizone “A Zone for Entrepreneurial Thinkers “

The Objective of the Entrepreneurship Cell is to develop the entrepreneurial thinking in students. Participation in the E Cell will develop skills in Leadership, Team Building, Communication, Presentation, Lateral Thinking, Problem Solving Ability, Risk taking Ability, Organizing, Planning and Networking.

- IN A NUT SHELL MAKING A STUDENT ENTREPRENEURIAL

The other staff who enthusiastically contributed with valuable ideas and suggestions for better reach of Ecell were **Dr.Srividya (MBA), Mr.Arun (IBT), Mr.Krishnaraju (IBT), Mr.Gopalakrishnan (ECE).**

It was decided to have a **Membership campaign** from **Dec 2nd** by screening the NEN and explaining the students on the benefits of associating with NEN and Ecell. It was decided to have a membership fee of Rs.100.

The responsibilities were divided among the Student team which included **Shivkumar Dangi (EEE)**, **Piyush (EEE)**, **Nambi (EEE)**, **Saravana prabhu (MBA)**, **Vijayalakshmi (MBA)**.

MEMBERSHIP DRIVE-MBA-NOV 20TH 2010

Membership campaign was done by the MBA students on Nov 20th for the MBA Department lead by **Dr.Srividya** and student coordinators **Saravana prabhu** and **Mahalakshmi**. There was good response from the MBA students and nearly 40 students registered in Arizone.

FACULTY MEET ON TEACHING SKILLS-DEC 1ST 2010

A Faculty get together was organised on **Dec 1st 2010** to create passion in teaching. A welcome address was given by the Ecell coordinator **Dr.RamaVidyanathan**.The event started with a talk by **Dean E & T Dr.Uma Rajaram** who narrated HARE and TORTOISE story to illustrate the importance of team work and **collaborative work** in an organisation. This was followed by a speech on “**Good, Better, Best**” by **Prof. Ramalingam (HOD-MBA)** in which he emphasised the urge to be a best teacher and hone the qualities for it. A fun filled **team game** was conducted by **Prof.Gopalakrishnan** in which faculty were made to play in groups and finally pointed out the mistakes we make when we work as a team. An open discussion was thrown by **Ms.Tresa Sangeetha** on teaching and teaching methodologies after screening an interview with Aamirkhan on education system and a live classroom session.

ARIZON TEAM MEETING-DEC 2ND 2010

Apart from the core team members **Ms.Vishnupriya (NEN Consultant)** was present in the meeting to guide on the future actions apart from Faculty and Student Coordinators. It was decided that the core group of members will be divided into groups who will work out their business proposal and present to the Arizone Team. It was suggested that the

students undergo a workshop on analyzing a business plan. This could be offered by Faculty from MGR who have been trained.

CURTAIN RAISER-DEC 10TH 2010

Arizone organised a curtain raiser on **Dec 10th 2010** to students of all departments in conference hall. Welcome address was given by **Dr.Ramavidyanathan**. NEN Videos were screened.**Ms.Vishnupriya** who was invited as guest, addressed the gathering about Entrepreneurship and the role of NEN in grooming a student's personality. Mr.Deepak (NEN member) a student of Anna University gave a presentation on First Dot- a mega event which showcases startups to be organised by the Ecells of Chennai colleges. Mr.Deepak expressed his gratitude to NEN for moulding him and giving a forum to network.Registration was open and nearly 100 students registered in Ecell.

Ms.Vishnu Priya NEN
consultant addressing the
gathering



FACULTY TRAINING- DECEMBER 14, 2010

Dr.Rama Vaidyanathan of IBT and Ms.Tresa Sangeetha of EEE Department attended **'Kick-Starting Course Module II - Way Forward: Entrepreneurship Program Acceleration'** which is a program sequel to a module **"Campus Entrepreneurship"** attended earlier. This is a prerequisite for certification as NEN Entrepreneurship Educator. It was held on **December 14, 2010** at **Women's Christian College**.

KICKSTART ARIZON-DEC 17TH 2010

ARIZON inaugurated the Ecell activities for the semester on **Dec 17th 2010** at 1 p.m in which **Dr.Padmanabhan (Vice Chancellor)** gave an inaugural address followed by an interactive session with the chief guest of the day **Mr.Selvam Raja**. Mr.Selvam Raja who is a young entrepreneur in the field of patent rights shared his experience and the lessons learnt in his journey as an entrepreneur. The session was concluded with a game **“our picture and our story”** in which students learnt the art of working creatively together and an Entrepreneurship game named **“Bad idea to good idea”** which triggered the marketing skills of the students.

WORKSHOP ON IDEA GENERATION AND OPPORTUNITY EVALUATION - DEC18TH TO DEC 21

A 3 day workshop on **“Idea Generation and opportunity Evaluation”** was organised from **Dec18th to Dec 21st**. The specific objective of the workshop is to influence students’ attitudes and instill basic knowledge and skills required for ideation during new venture creation.



Workshop-Day1 Dec 18th 2010

The First day of the workshop was done by **Dr.Rama Vidyanathan**. The session started at 1.15 p.m with a summary of the previous day's session followed by a session on **'Difference between idea and opportunity'**. Then the students were grouped into teams and were asked to identify a business idea. The students were then asked to evaluate whether their idea as good opportunity. **'Idea generation and opportunity evaluation'** was done for their close to the heart idea. Further **"seven domain framework"** was taught and **"Good Knigh"** case study was done based on the 7 domain frame work. The session went on till 4.30 p.m.

Workshop-Day2 Dec 20th 2010

Day 2 of the workshop was organised by **Dr.Rama Vaidyanathan** and **Ms.Vishnu Priya (NEN Faculty)**. The session started with 'Practical Encounter with Seven Domains –Good Knight case' and later on seven domain opportunity evaluation was done by every team on their close to the heart idea of day1 workshop.



Ms.Rama Vaidyanathan

Ms.Vishnu priya

Workshop-Day3 Dec 21th 2010

Day3 of the workshop was handled by **Ms.S.V.Tresa Sangeetha** and **Mr.Shashank (NEN Faculty)**.The session started with a warm up exercise to introduce some of the terms related to financials like **'cash inflow', 'cash outflow' etc.** Later a case study on **'Lakshmi travels'** was done to explore the financial feasibility of starting a venture using simple **'Back of the Envelop' calculations.**



Mr.Sashank



Ms.Tresa sangeetha