Madras Institute of Technology
Anna University
MIT MUSEUM
presents
MITMAG
2014
Editorial Team

Dr. S. Thamarai Selvi
Dean Mit

Mrs. T. Catherine Bina
Initiator & Coordinator

Ms. Mythili
Staff incharge

Mrs. R. Swathy
Reviewer

D. Velumani
Student coordinator

R. Dinesh Kumar
Student coordinator

S. Lalith Vignesh
Editor

V. Swaminathan
Designer

Our Sincere Thanks
EDITORIAL

The MITMAG Editorial Team of Madras Institute of Technology Campus, Anna University extends warm wishes to the readers. First of all, the Team is thankful to our Dean Dr.S.Thamarai Selvi for providing opportunity and the necessary support to bring out MITMAG -14. One could chance upon with this citation by an Irish poet William Butler Yeats saying “Education is not the filling of a pail, but the lighting of a fire.” Our college has its own way of tutoring and nurturing students and make their carrier growth more positive. The Institute would also like to thank our ALUMINI’s for their moral support and guidance.

MITMAG is the one which exhibits the talents and merits of MITians annually. Featured in this magazine are few articles which provide ideas on some practical aspects of life. College life is one of the most memorable periods of time in one’s life. It’s the time when you come to a more comprehensive understanding of who are and begin to create an identity for yourself.

MIT MUSEUM thanks all for the overwhelming response and co-ordination given for the submission of the articles for this year’s edition of MITMAG. As we step on to another eventful year, here’s wishing everyone a bright and exciting new academic year 2014-15!
Founder’s Message

Dear friends,
On behalf of the Founder’s Family, I’m happy to share these thoughts with you in your magazine. We are living in a society where change is the only constant factor. We have to anticipate changes as we move forward in our lives. Particularly the youth of the nation need to learn to adapt and live in harmony with the environment. As students you must have enjoyed your academic life and also learnt to cope with certain degree of pressure in your attempts to complete your course work. In the process the friendships you have made with fellow students would have been a great source of support. This friendships are likely to last a lifetime. Even after leaving college and pursuing your careers, it is important to keep in touch with your friends as this will keep alive empathy and build bridges all the way, right through your life. It is necessary to remember only the positive aspects and incidents of your student life shared memories which will build these bridges between people. Negative connotations will be counterproductive in this process.

On behalf of the founder C.Rajam’s family, I wish you all poseful lives, enriched by all the inputs which you have received at Madras Institute of Technology.

- Prema Srinivasan

Founder
Madras Institute of Technology

Sir C. Rajam
(1882 - 1955)
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</tbody>
</table>
MESSAGE

I am happy to note that MIT is bringing out their yearly College Magazine “MITMAG 2014”.

MIT has been in the forefront in providing quality education in Engineering since the year 1949. It has been rapidly growing to meet the exponential advances in technology and the increased student strength.

I am sure the College Magazine will provide a platform to students to sharpen their soft skills and will strengthen the academic activities of the campus. The wide spectrum of articles in different sectors give a sense of pride that our students and staff possess creative potential and original thinking in ample measures. I applaud the contributors for their stimulated thoughts and varied hues in bringing out this magazine.

Wishing you all the best in all your ventures, efforts and career.

(Dr. M. Rajaram)
MESSAGE

I am happy to note that students of Madras Institute of Technology campus, Anna University are bringing out Annual Magazine MITMAG for year 2013-2014 with great enthusiasm. I come to know that this magazine contains useful articles related to latest changes in technical field, important events/activities that have taken place in the MIT campus in the year 2013-2014, and other articles projecting the extracurricular activities. I would like to congratulate the MIT students and the Editorial Board for bringing out such a magazine and I wish all the outgoing MIT students a great success in their career.

S.GANESAN
MESSAGE

I am overwhelmed to write this message for the annual magazine MITMAG 2014 released with an aim to provide a platform to the students and faculty members of MIT, Anna University to showcase their Technical and Non-Technical skills.

MIT College Magazine MITMAG 2014 is brought out this year by the MIT-Museum team with the best co-operation of the other student association of MIT.

MITMAG’14 will publish student’s academic achievements, contributions in sport activities, excellence in extracurricular activities and also bring out the writing and art skills (in the form of articles and paintings).

MITMAG’14 will also include R&D activities of the various departments of MIT Campus and also individual faculty contributions.

I would like to congratulate the students for bringing out the magazine MITMAG’14 for the academic year 2013-14 with usual zeal.

I also wish all the outgoing UG and PG students of MIT to have notable achievements in their career.

Dr. S. THAMARAI SELVI
DEAN
MIT CAMPUS
Dr. S. Thamarai Selvi
Dean, MIT

Dr. B. T. N. Sridhar
Head, Aeronautical Department
Dr. K. Ravichandran
Head, Rubber & Plastics Technology

Dr. S. Sankar
Head, Applied Sciences & Humanities
Mrs. T. Catherine Bina
Head, Computer Center

Dr. K. M. Parammasivam
Head, CSIR
Dr. B. Vinayaga Sundaram
Head, Information Technology
14 November 2013 - present

Dr. V. Vaidehi
Head, AU - KBC
Head, Information Technology (23-01-2012 - 14-11-2013)
Deapartment of Electronics and Communication Engineering

Dr. M. Kannan
11 June 2014 - present

Dr. Mala John
31 May 2010 - 10 June 2014
ANNUAL REPORT 2013-14

Dr. S. Thamarai Selvi
DEAN, MIT

With great pride, I want to share with you the profile of our Institute for the academic year 2013-14. My Annual Report seeks to highlight the important activities concerning the Academic and Research Areas, besides matters related to some of the accomplishments of our staff and students in academic and sports-related fields.

FUNDING

MIT has received significant funding this year from various resources. **Rs.140.42 Lakh** has been received from University General funds towards the maintenance & lab charges and Electrical/Civil Maintenance Works. We have received Rs.72.29 Lakh from Centre for Professional Development Education (CPDE) and Rs.315.79 Lakh from Centre for International Affairs (CIA) funds for the purchase of Computers, Equipment etc. Rs.75.95 Lakh has been received from UGC towards the purchase of equipment and Books. Rs.26.9 Lakh has been received from CTDT towards Research Support Scheme. Rs.159.71 Lakh has been received from FIST-DST/DRDO and Rs.38.54 Lakh from Consortium.

RESEARCH ACTIVITIES 2013-2014

Rs.95.00 Lakhs has been sanctioned to Dr. K. Senthilkumar, Dept of Aerospace Engineering by the Tamil Nadu Police, Government of Tamil Nadu for his display of UAVs and its real time applications. Unmanned Aerial Vehicle – Dhaksha was used for the National disaster Relief damage assessment operation in the flood affected areas in Uttarkhand during 4/7/13 – 18/7/13. Aerial surveillance for coastal guard for Kalpakkam Atomic Power Station was demonstrated on 16/8/13 and also was used as aerial surveillance for Shri Narendra Modi’s visit to Trichy on 26/9/13.

The Departments here have a good track of funding for Projects. Department of Electronics Engineering received sponsored project for 9.8 Lakh, Department of Instrumentation Engineering for 75 Thousand, Department of Information Technology for 48.3 Lakh, Department of Computer Technology for 109.23 Lakh,
AU-KBC Research Centre for 89.32 Lakh, Centre for Aerospace Research for 954.13 Lakh and Division of Applied Science and Humanities for 0.5 Lakh.

**40 Research Scholars** have defended the doctoral thesis and obtained their Ph.D. degree and **2** have been awarded M.S. Degree.

**146 Research papers** have been published in National and International Journals/Conferences and **139 Papers** have been presented in National and International Journals/Conferences.

I am happy to inform that **Dr.R.Kesavan**, Associate Professor, Department of Production Technology, has received the **best case study award and medal** from **Indian Institution of Industrial Engineering, India**.

The Research Paper submitted by **Dr.P.T.B.Bhuvaneswari**, Assistant Professor (SG), Department of Electronics Engineering, has been selected as the **“BEST RESEARCH PAPER “** in the domain **INTELLIGENT COMPUTING TECHNIQUES SEISCON 2013** (Sustainable Energy and Intelligent System Conference) **4th International Conference**.

The major **equipment** like Electronic Material Testing Machine (UTM), Multichannel Pressure System, Mixed Signal Oscilloscope, Digital storage Oscilloscope, Water jet Machine, Electro Chemical Machine, Mooney Viscometer, Data Acquisition System, Muffle Furnace etc., have been added to the infrastructural facilities through the funded projects worth of Rs.258.00 lakh.

**ACHIEVEMENTS EARNED BY STUDENTS**

**B. Aniruddha** (2011504538), III Year B.E. ELECTRONICS & COMMUNICATION ENGINEERING (SS) - Selected to study as an Exchange Student under **Erasmus Mundus Programme** of India4EU-II funded by European Commission at Aalto University Finland.

Our students have a very good track of pursuing Masters at abroad. Several students have an admirable score of 315+ in GRE and 105+ in TOEFL.

Several students have demonstrated projects which are being funded through Innovative Students Projects under Research Support Scheme.
Ms Priyadarshan K (Ph D Student of Dr S Kavitha), received the Anna University Centenary Fellowship-2012, followed by the Lady Tata Memorial Fellowship.

Ms C.S. Malarkodi (Ph.D student of Dr.L.Sobha) has been selected as visiting scholar to Know-Center GmbH at Graz, Austria, for a period of three months, 15th June to 14th Sep.2013, under the European Union Funded project titled “Web Information Quality Evaluation Initiative (WIQ-EI).

Ms B Padmavathy ( Ph.D student of Dr. B M Jaffar Ali) , has been selected for the highly competitive "Welcome Trust-DBT India Alliance" Postdoctoral Fellowship of four years, tenable at IMTECH Chandigarh and Cornell University, USA.

Mr Jyotirmaya Behera(Ph.D student under the supervision of Dr.Suvro Chatterjee,) Member Research Staff, has been awarded European Marie Curie Fellowship for the academic year 2013-2014 for getting trained in Prof Hans van Leeuwen’s Laboratory Dept of Internal Medicine, ERASMUS University Medical Center, Netherlands, from 1st Oct.2013 to 30th Mar 2014.

Mr Vimal.V(Ph.D student under the supervision of Dr.Suvro Chatterjee,) Member Research Staff, has been awarded European Marie Curie Fellowship for the academic year 2013-2014 for doing a part of his Phd work in the laboratory of Professor Anna Maria Teti, Dept of Biotechnological and Applied Clinical Sciences, University of L’Aquila, Italy, for a period of 12 months from 1st Oct.2013 to 30th Sep. 2014.

INFRASSTRUCUTRE AMENITIES 2013-14

- Major Works

<table>
<thead>
<tr>
<th>Sl.No</th>
<th>Works carried out</th>
<th>Amount in Lakhs</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Civil works for the proposed construction of New Building for Lecture Hall Complex at MIT Campus, Anna University, Chennai-44</td>
<td>5,88,00,000/-</td>
</tr>
<tr>
<td>2</td>
<td>Civil works for the proposed construction of Extension of Boys Hostel at MIT Annexe Campus, Anna University, Chennai-44</td>
<td>2,55,00,000/-</td>
</tr>
<tr>
<td>Sl.No</td>
<td>Works carried out</td>
<td>Amount in Lakhs</td>
</tr>
<tr>
<td>-------</td>
<td>--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>3</td>
<td>Civil works for the proposed construction of New Building for Department of Computer Technology at MIT Campus, Anna University, Chennai-44</td>
<td>2,42,00,000/-</td>
</tr>
<tr>
<td>4</td>
<td>Civil works for the proposed construction of Type -II Block-I at MIT Annexe Campus, Anna University, Chennai-44</td>
<td>1,37,50,000/-</td>
</tr>
<tr>
<td>5</td>
<td>Civil works for the proposed construction of Type -IV Block-I at MIT Annexe Campus, Anna University, Chennai-44</td>
<td>1,10,80,000/-</td>
</tr>
<tr>
<td>6</td>
<td>Civil works for the construction of New Building (UGC) for Development of Electronics Engineering and Development of Information Technology at MIT Campus, Anna University, Chennai-44</td>
<td>1,00,00,000/-</td>
</tr>
<tr>
<td>7</td>
<td>Construction of part of third floor over the existing Production Technology Building for Humanities and Applied science &amp; Technology, at MIT Campus, Anna University, Chennai-44 (yet to be Commenced)</td>
<td>22,00,000/-</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td>14,33,52,000/-</td>
</tr>
</tbody>
</table>

➤ **Minor Works**

<table>
<thead>
<tr>
<th>Sl.No</th>
<th>Works carried out</th>
<th>Amount in Lakhs</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Improvements to the Calibration lab in the Department of Instrumentation Engineering at MIT Campus, Anna university, Chennai- 44</td>
<td>260000/-</td>
</tr>
<tr>
<td>2</td>
<td>Improvements to the water Supply and Sanitary Arrangements in the Hostels at MIT Campus, Anna university, Chennai- 44</td>
<td>988000/-</td>
</tr>
<tr>
<td>3</td>
<td>Construction of RCC Box type culvert near marutham hostel at MIT Annexe, Anna University, Chennai- 44</td>
<td>500000/-</td>
</tr>
<tr>
<td>4</td>
<td>Providing Aluminium Composite Panel for the columns in the main entrance arch at MIT Campus, Anna University, Chennai-44</td>
<td>998000/-</td>
</tr>
<tr>
<td>5</td>
<td>Providing Aluminium Composite Panel for the Beams, security cabin, etc., in the main entrance arch at MIT Campus, Anna University, Chennai-44</td>
<td>995000/-</td>
</tr>
<tr>
<td>6</td>
<td>Providing RCC Culvert and Cable Trench near main entrance at MIT Campus, Anna University, Chennai-44</td>
<td>998000/-</td>
</tr>
<tr>
<td></td>
<td>Description</td>
<td>Cost</td>
</tr>
<tr>
<td>---</td>
<td>----------------------------------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>7</td>
<td>Providing Security cabin and formation of concrete road (inside) in the main entrance at MIT Campus, Anna University, Chennai-44</td>
<td>997000/-</td>
</tr>
<tr>
<td>8</td>
<td>Construction of RCC Underground sump for Instrumentation Engineering Department at MIT Campus, Anna University, Chennai-44</td>
<td>485000/-</td>
</tr>
<tr>
<td>9</td>
<td>Proposed Construction of Arch in the Main Entrance at M.I.T. Campus, Chennai-44</td>
<td>9,95,000/-</td>
</tr>
<tr>
<td>10</td>
<td>Construction of compound wall, retaining wall for the park and platform for ANUSAT model etc., near the ARCH in the main entrance at MIT Campus, Chennai-44</td>
<td>9,97,000/-</td>
</tr>
<tr>
<td>11</td>
<td>Providing Aluminium joineries, plastering and painting the compound wall, retaining wall for the park and platform for ANUSAT model etc., near the ARCH in the main entrance at MIT Campus, Chennai-44</td>
<td>4,20,000/-</td>
</tr>
<tr>
<td>12</td>
<td>Providing Security cabin and formation of concrete road (inside) in the main entrance at MIT Campus, Chennai-44</td>
<td>9,97,000/-</td>
</tr>
<tr>
<td>13</td>
<td>Providing RCC Culvert and Cable Trench near main entrance at MIT Campus, Chennai-44</td>
<td>9,98,000/-</td>
</tr>
<tr>
<td>14</td>
<td>Providing Aluminium Composite Panel for the columns in the main entrance arch at MIT Campus, Chennai-44</td>
<td>9,98,000/-</td>
</tr>
<tr>
<td>15</td>
<td>Providing Aluminium Composite Panel for the Beams, security cabin, etc., in the main entrance arch at MIT Campus, Chennai-44</td>
<td>9,98,000/-</td>
</tr>
<tr>
<td>16</td>
<td>Providing RCC Roof Slab for the old garage building near Rajam Hall at MIT Campus, Chennai-44</td>
<td>9,73,000/-</td>
</tr>
<tr>
<td>17</td>
<td>Renovation of old Garage Building Near Rajam hall at MIT Campus</td>
<td>9,42,000/-</td>
</tr>
<tr>
<td>18</td>
<td>Providing Parking Arrangements on the South east corner near main entrance at MIT Campus</td>
<td>4,50,000/-</td>
</tr>
<tr>
<td>19</td>
<td>Providing Parking Arrangements on the estern side of main road from 65m to 90m main entrance at MIT Campus</td>
<td>9,60,000/-</td>
</tr>
<tr>
<td>20</td>
<td>Providing Parking Arrangements main Entrance from 91m to 113m at MIT Campus</td>
<td>7,97,000/-</td>
</tr>
<tr>
<td>21</td>
<td>Balance works for the Arch in the main entrance at MIT Campus</td>
<td>9,38,000/-</td>
</tr>
<tr>
<td></td>
<td>Description</td>
<td>Cost</td>
</tr>
<tr>
<td>---</td>
<td>-----------------------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>22</td>
<td>Providing water supply and sanitation arrangements for the old garage building near Rajam Hall at MIT Campus</td>
<td>6,82,000/-</td>
</tr>
<tr>
<td>23</td>
<td>Providing Sliding gate, wicket gate and fencing grill in the main entrance at MIT Campus</td>
<td>8,50,000/-</td>
</tr>
<tr>
<td>24</td>
<td>Raising the floor and laying of tiles in the fuel lubrication lab in HANGFR II at MIT Campus, Anna University</td>
<td>1,20,000/-</td>
</tr>
<tr>
<td>25</td>
<td>Raising the road level in the main entrance arch for MIT, AU, Chennai-44</td>
<td>8,90,000/-</td>
</tr>
<tr>
<td>26</td>
<td>Providing aluminium composite panel for the head room in the main entrance arch for MIT, AU, Chennai-44</td>
<td>2,99,000/-</td>
</tr>
<tr>
<td>27</td>
<td>Civil Works for the construction of a Roof to accommodate the UPS in Fourth floor terrace of the Administrative Block at MIT Campus, Anna University, Chennai-44</td>
<td>4,50,000/-</td>
</tr>
<tr>
<td>28</td>
<td>Providing B.T road over the existing road leading to pavilion at MIT Annexe Campus, Anna University, Chennai-44</td>
<td>9,90,000/-</td>
</tr>
<tr>
<td>29</td>
<td>Providing B.T road over the existing road leading to non teaching staff Quarters at MIT Annexe Campus, Anna University, Chennai-44</td>
<td>2,20,000/-</td>
</tr>
<tr>
<td>30</td>
<td>Providing cement concrete road for the marudham hostel and marudham Mess at MIT Annexe, Anna University, Chennai-44</td>
<td>7,80,000/-</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>2,29,65,000</strong></td>
</tr>
</tbody>
</table>

I express my indebtedness to Founder’s Family, Alumni and all who in their own way have helped in raising the Institution where it stands today. I am sure that our collective endeavour shall take our University to greater heights in serving the society in a meaningful and positive manner. I owe my gratitude to all faculty members, staff members and student friends for taking M.I.T. to the Global front.
DEPARTMENT OF AEROSPACE ENGINEERING

Department of Aerospace Engineering is the oldest department in the country offering Aeronautical Engineering at the undergraduate level. It was established in 1949 in the MIT Campus, for furthering the cause of Aerospace Research in the new born nation. Till date, the Department has been leading the way in propelling indigenous research in aerospace field. The Division of Avionics belong to this department which specialises in ME & MS (Research).

DEPARTMENTAL ACTIVITIES

STUDENT ACTIVITIES

Aeronautical engineers design, develop, test, and help manufacture commercial and military aircraft, missiles, and spacecraft. They are also well equipped to develop and design extraordinary technologies such as supersonic jets, helicopters, space shuttles, satellites and rockets. Work done by aerospace engineers has made such things such as speedy mail delivery and moon travel possible.

RESEARCH ACTIVITIES

Centre for Aerospace Research was established in 2000 in the Department of Aerospace Engineering to serve the aerospace community through advanced research and developmental activities needed for the country. A number of seminars, workshops are being arranged to bring the scientists, staff and students of various organizations and academic institutions to share the technical knowledge. Department faculty members undertake various sponsored research projects through Centre for Aerospace Research from various funding agencies like Aeronautical Research & Development Board (AR&DB), Indian Space Research Organization (ISRO), Defence Research and Development Organization (DRDO) Laboratories and from various private industries. A standing testimony to the striking progress achieved by the Department can be showcased by the sanction of Micro – Satellite Development Project by the Indian Space Research Organization (ISRO) to Centre for Aerospace Research and the active participation in the project by the department faculty.
<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Funding Agency</th>
<th>Project Title</th>
<th>Name of the Principal / Project Investigator</th>
<th>Duration</th>
<th>Sanctioned Amount ( Rs in Lakhs )</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>DRDO Hyderabad</td>
<td>HIGH TEMP: Establishment of High Temperature Material Characterization Centre</td>
<td>Dr.B.T.N.Sridhar</td>
<td>Sep 2004 to Nov 2013</td>
<td>432.00</td>
<td>On Going</td>
</tr>
<tr>
<td>2.</td>
<td>ISRO Bangalore</td>
<td>MICSAT Micro Satellite Development in Anna University</td>
<td>Dr.P.V.Ramakrishna</td>
<td>Feb 2002 to Mar 2013</td>
<td>439.00</td>
<td>Closure Report to be sent</td>
</tr>
<tr>
<td>3.</td>
<td>NAL Bangalore</td>
<td>FPV Flying UAV Test Bed for Acoustic and Imaged Data Generation</td>
<td>Dr.K.Senthilkumar</td>
<td>May 2013</td>
<td>14.97</td>
<td>Closure Report to be sent</td>
</tr>
<tr>
<td>4.</td>
<td>ADE Bangalore</td>
<td>ICL Impact Characterization of Laminated and Sandwich Composite Panels</td>
<td>Dr.B.T.N.Sridhar</td>
<td>Mar 2013</td>
<td>9.85</td>
<td>Closure Report to be sent</td>
</tr>
<tr>
<td>5.</td>
<td>ADE Bangalore</td>
<td>MAV Research Services for Joint Time - Frequency Representation of Acoustic Signatures of Electric MAV’s</td>
<td>Dr.K.Senthilkumar</td>
<td>May 2013</td>
<td>9.80</td>
<td>Closure Report to be sent</td>
</tr>
<tr>
<td>6.</td>
<td>AR &amp; DB, DRDO New Delhi</td>
<td>PFS Burner Design with a Porous Flame Stabilizer and the Estimation of Combustion Characteristics</td>
<td>Dr.K.M.Parammasivam</td>
<td>2 years</td>
<td>17.575</td>
<td>On Going</td>
</tr>
<tr>
<td>7.</td>
<td>ADE Bangalore</td>
<td>ICL-II Strength of Laminated Composites by Impact and Compression Tests</td>
<td>Dr.S.Thanigaiarasu</td>
<td>1 year</td>
<td>9.85</td>
<td>On Going</td>
</tr>
</tbody>
</table>
DHAKSHA

Dhaksha, an unmanned aerial system is capable of carrying a payload of 40 per cent of its weight, and flying at a maximum speed of 60 kmph. The device follows the route mapped by Google Earth and descends at the exact spot its flight path has specified. It does not even have to land as the consignment can be plucked off, even as the device hovers at a reachable level. It is guarded against interception, and since the control centre has the vision that a pilot would have if he were manning the craft, one can guard against bird hits and bumping into other obstacles.
DEPARTMENT OF AUTOMOBILE ENGINEERING

It is also one of oldest department offered by the college since its inception. The Department of Automobile Engineering at MIT was started in 1949 and was offering a three year (undergraduate programme) in Automobile Engineering for Science graduates (B.Sc). The postgraduate programme was started in 1978. This is the only pioneering Institute which is offering both undergraduate and postgraduate programmes in Automobile Engineering in the whole of India along with MS (by research) and Ph.D. Programmes. The department is involved in the programmes of the Centre for Automotive Research and Training (CART).

Facilities

- Two / Three / Four Wheeler Chassis Dynamometer
- Chemiluminescence Nox Analyser
- Digital Storage Oscilloscope Signal Explorer DL-1740 EL
- Eddy current dynamometer of various capacities
- Universal Engine Test Rig with four cylinder MPFI SI Engine
- Comprehensive Engine Diagnostics System
- FIP calibration test bench
- Variable compression ratio Multi-fuel engine
- NISSALCO Smoke meter
- Crypton 290 – 5 parameter Gas Analyser
- Combustion pressure measurement pickups and Data Acquisition System
- Computer based Car geometry measuring equipment

BOOK COLLECTION

The Department has a separate library of its own including a number of rare books on Automobile Engineering. It also keeps the senior students' thesis and projects for the benefit of the current students. Our library acquire a limited editions provide ample input for research work.

CURRENT RESEARCH ACTIVITIES

The current research activities include the following areas:

- Environment-friendly Two-stroke Engines
- Pollution Control of Four-stroke Diesel Engines
➢ Combustion and Heat transfer studies of Diesel Engines, including spray Dynamics
➢ Lean Burn Engines
➢ Alternative Fuels Application for Automobiles
➢ Automotive Micro Electronics
➢ Re-Designing of Engines

CAREER PROSPECTS

Some of the career prospects in the field of automobile engineering are:

➢ Automobile Engineering Technicians
➢ Safety Engineering
➢ Emissions Research
➢ NVH (Noise, Vibration and Harshness) Engineers
➢ Performance Engineer
➢ Vehicle Dynamics Controller
➢ Operations Research
➢ Designing

ASSOCIATION ACTIVITIES

AEA is headed by Dr. M. Senthil Kumar (President, AEA) and Dr. K. Annamalai (Faculty Advisor, AEA). To have an industrial exposure, AEA has conducted seminar on “Latest trends in Two Wheeler Technology” by Goodwin motors, by TCS (Engineering Division) about their consulting methodology and designing of various products, on “Fuel Injection Systems” by Delphi. AEA is geared up for its National Level Technical Symposium AUTOMEET on February 22 & 23, 2014 with inspirational theme of “Go Green” to promote eco-friendliness and imbibe a spirit of social responsibility within India’s youth. Close to 1000 students participated in the event, which was the grandest ever Automeet. This year AUTOMEET conducted 15 technical and 4 non-technical events making it the biggest ever in the history

INFRASTRUCTURE ESTABLISHED AT 2013-2014

1. Computerised diesel engine test rig – Rs.6.00 Lakhs
2. Oil Condition Sensor – Rs.1.84 Lakhs
3. LCR Meter – Rs.2.67 Lakhs
DEPARTMENT OF COMPUTER TECHNOLOGY

The Department of Computer Technology was established in 2010. The department includes an undergraduate and postgraduate program running in parallel. The research areas include Cloud Computing, Grid computing, XML technologies, networking and connectivity protocols, network security and Databases, E-learning, Multimedia, and Video Streaming. The department works on the Golden Jubilee Block of MIT.

SPECIALIZATION AT

- Design and develop software application for different industries
- Manages the software, hardware & networks in any industry
- Involves in the design and development of the hardware components of PCs & laptops
- Develop software for peripheral computing devices such as printers, modems and scanners

FUNDED PROJECTS:

The following projects are sponsored by various agencies, and are investigated by our honourable Dean Dr.S.Thamarai Selvi. One of such projects with CARE, a world-class research centre to produce human resources in the area of Grid Computing.

<table>
<thead>
<tr>
<th>PROJECT TITLE</th>
<th>SPONSORING AGENCY</th>
<th>AMOUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Center for Advance Computing Research and Education</td>
<td>DIT-MCIT New Delhi</td>
<td>4.6 crores</td>
</tr>
<tr>
<td>Development of Trust Component for Secured Commercial Grid Services</td>
<td>DIT-MCIT New Delhi</td>
<td>45 lakhs</td>
</tr>
<tr>
<td>Project Description</td>
<td>Organization</td>
<td>Budget</td>
</tr>
<tr>
<td>-----------------------------------------------------------------------------------</td>
<td>------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>Development of front end tools for Grid Services</td>
<td>CDAC, Bangalore</td>
<td>11 lakhs</td>
</tr>
<tr>
<td>Development of Knowledge Based Wind Tunnel test Data Management System</td>
<td>DRDL Hyderabad</td>
<td>9.9 lakhs</td>
</tr>
<tr>
<td>Design and Development of enhanced OS for a flow solver series of parallel processor having flow switch</td>
<td>CSIR New Delhi</td>
<td>15 lakhs</td>
</tr>
<tr>
<td>Missile Defense and Interceptor Allocation by RBF Neural Networks</td>
<td>DRDO New Delhi</td>
<td>12 lakhs</td>
</tr>
</tbody>
</table>

ASSOCIATION ACTIVITIES

The ACT is a state of the art tool which is used to keep students abreast of the latest trends in Computer technology. Under the guidance of faculty in-charge Mr. B. Thanasekhar, ACT is actively involved in conducting technical symposiums, events to promote student welfare and workshops for the students to widen their technical knowledge and enhance their creative genius. ACT proud to say that our department holds a stellar placement record, with many of our students getting “dream job” offers from tech-giants like Google, Microsoft, Amazon, Cisco, Qualcomm and prestigious global financial services firms like Morgan Stanley and Goldman Sachs. The alumni, greatly impressed by the agenda proposed by ACT, extended their support by agreeing to help with placement workshops and intern-placement activities.

NATIONAL SYMPOSIUM

PRAYATNA ‘14, a conglomeration of the brightest minds of the country was hosted by the Association of Computer Technologists, Department of Computer Technology, Anna University, MIT Campus. Over 3000 students from more than 150 colleges flocked to broadcast their talents in this national level technical symposium of a magnificent scale. Some of the prestigious internships at Prayatna’14 were offered by Amazon for the Onsite programming contest,
GroupOn for BackTrack, a reverse coding event and ZOHO for Debugging and Java events. Prayatna’14 provided a platform for the non-technical participants too, with its mathematical events like EULER’S QUEST, EUCLID’S DESK, creative events like FOTOBUZZ, TECHIEPRENEUR and VIRTUAL WARS for the die-hard gamers. Workshops were conducted on Photoshop, Hadoop, Apache Active MQ, Game Development and Android Development with over 600 participants. The Android development workshop saw a staggering participation of over 330 students from various institutions.
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

The Department of Electronics Engineering was established in 1949. It has its core strength in the area of Electronics & Communication technology. This is the largest department of the MIT campus of Anna University, which has about 25 faculty members serving about 400 undergraduate students and 100 postgraduate students. The research areas include Communication Technologies, Wireless Communication, Network Security, Sensor Networks, Optical Communication, Avionics, Signal Processing, Image Processing & Pattern Recognition and VLSI. The department has collaborative partners from academia and industry both locally and worldwide.

SPECIALIZATION AT

- All of the applications which make our life easier and enjoyable such as Television, Radio, Computers, Mobiles etc. are designed and developed by Electronics and Communication Engineers
- Design and maintain satellites, which bring TV, telephone and Internet service into remote and rural regions
- ECE Engineers also creates advanced communication facilities like video conferencing which bring people together from all over the world
- Develops programs for various control and communication systems

FUNDING RECEIVED FROM AGENCIES

<table>
<thead>
<tr>
<th>UNIVERSITY GENERAL FUND</th>
<th>CPDE</th>
<th>CIA</th>
<th>UGC XII</th>
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<td>38L</td>
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</table>
DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

The Department of Instrumentation Engineering started in 1949. It offers Instrumentation Engineering at postgraduate level, Electronics and Instrumentation Engineering at undergraduate level and Ph.D. and M.S. (by research) for both regular and part-time scholars. Instrumentation Engineering is a specialised branch of Electrical and Electronics Engineering, primarily focussing on the principles and operations of measuring instruments used in the design and configuration of automated systems. Instrumentation technology helps create, construct and maintain measuring and control devices and systems found in manufacturing plants and research institutions.

FEATURES

- Highly qualified and dedicated faculties with multi disciplinary expertise and motivated students.
- Well equipped laboratories with State-of –art facilities to pursue high end research.
- Received funding to the tune of 2crores from various funding agencies.
- Collaborative research with Universities and R&D organization in India and abroad.
- Around 40 Ph.D. scholars are currently pursuing Ph.D.
- Organizes National/International conferences and CEP/FDP

VISION OF THE DEPARTMENT

- The Department of Instrumentation Engineering, shall strive towards becoming
- trend setter and a facilitator in Electronics, Instrumentation and Control Engineering for higher learning, research and consultancy.
- We shall strive to become a preferred partner to the industry and community for contribution towards their economic and social development by providing high.
- quality manpower with sound technical knowledge, professional skills and ethical values.
FUNDING FROM SEVERAL AGENCIES

<table>
<thead>
<tr>
<th>UNIVERSITY GENERAL FUND</th>
<th>CPDE</th>
<th>CIA</th>
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MAJOR EQUIPMENTS

<table>
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<tr>
<th>Sl.No.</th>
<th>Name of the Equipment</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Digital Storage Oscilloscope (4 Nos.)</td>
<td>2,66,821/-</td>
</tr>
<tr>
<td>2.</td>
<td>DC Regulated Power Supply (5 Nos.)</td>
<td>1,40,653/-</td>
</tr>
<tr>
<td>3.</td>
<td>Online UPS (15 KVA) with 60 minutes backup time (2 Nos.)</td>
<td>5,42,098/-</td>
</tr>
</tbody>
</table>
DEPARTMENT OF INFORMATION TECHNOLOGY

Keeping with the tradition of MIT in offering new areas of specialization in engineering, the Department of Information Technology was instituted in the year 2001 with the objective of imparting knowledge in cutting-edge technologies in Information Technology and Computer Sciences.

INFRASTRUCTURE FACILITIES

The department has an intake strength of 120 every year (recently 2007-08 increased). The department includes an undergraduate and postgraduate program running in parallel. With its tall façade, the Information Technology Department has the most technically updated Computing and Programming Labs, Project Rooms and Libraries.

SPONSORED PROJECTS

- Multi Sensor Data and Image Fusion in sensor Network by TCS. (Sponsored Amount: Rs. 15 Lakhs).
- Power Optimization in Wireless Sensor Network by TCS. (Sponsored Amount: Rs. 10 Lakhs).
- Development of S & F Payload software for Anusat by ISRO. (Sponsored Amount: 5 Crores).
- Design and Development of a Semantic Intrusion Detection System and Semantic Caching in Query Based Networks by Xambala, Chennai (Sponsored Amount: 9 Lakhs).

ASSOCIATION ACTIVITIES

The Association helps students to sharpen their talents, while also giving them the support they need to publish papers in prestigious academic journals and travel nationally and internationally to present at conferences. ITA organized MUTEX, an intra-college technical festival, Initiated for the first time for the students of various departments to compete with each other, it has set a precedent and will be carried forward in the years to come. SAMHITA- a National Level Technical Symposium was conducted on February 8th and 9th and was attended by around 5000 participants in 2014. Social Networking is the theme of Samhita. Big
Data Workshop by IBM, Image Processing Workshop (MATLAB), Android Workshop, 4G wireless workshop by WIPRO, Mobile and Pervasive Computing were the workshops conducted to have awareness on recent trends in the industry.

**FUNDING RECEIVED FROM AGENCIES**

<table>
<thead>
<tr>
<th>UNIVERSITY GENERAL FUND</th>
<th>CPDE</th>
<th>CIA</th>
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<th>AICTE</th>
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</table>

**PURCHASE OF EQUIPMENTS IN THE YEAR 2013-14**

<table>
<thead>
<tr>
<th>Major Equipments added – details</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Generator 50 KV – 1 No.</td>
<td></td>
<td>4.95</td>
</tr>
<tr>
<td>Polycom Video Conferencing System – 1 No.</td>
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</tr>
<tr>
<td>Visual Camera - 18 X High speed Dome Network camera – 3 Nos.</td>
<td></td>
<td>4.25</td>
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<tr>
<td>30 KVA UPS - Online UPS with 60 minutes back up time) – 1 No.</td>
<td></td>
<td>4.17</td>
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<tr>
<td>30 KVA UPS - Online UPS with 60 minutes back up time) – 1 No.</td>
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<td>4.17</td>
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<tr>
<td>Wireless Monitoring System - Interface cable and boards 2.4 GHz – 1 No.</td>
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<td>3.77</td>
</tr>
<tr>
<td>Dell Computer I 5 – 10 Nos.</td>
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<td>3.38</td>
</tr>
<tr>
<td>Visual Camera - Outdoor and PTZ camera with (Image software Bind) – 1 No.</td>
<td></td>
<td>3.25</td>
</tr>
<tr>
<td>Wireless Sensor Network analyser 82.15 A / Zigzag Analyser – 1 No.</td>
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<td>2.91</td>
</tr>
<tr>
<td>Infra Red Camera - HD outdoor Day/Night Camera – 3 Nos.</td>
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<td>2.12</td>
</tr>
<tr>
<td>RO Plant (250 LPH) – 1 No.</td>
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<td>1.91</td>
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<tr>
<td>Dell Computer I 7 – 4 Nos.</td>
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<td>Interactive Pen Display (WACom - DTU 2231A) – 1 No.</td>
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<tr>
<td>HP Server - - HPML 330 G6 – 1 No.</td>
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<td>1.23</td>
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<tr>
<td>Network Switch - HP 5500 L3 switch - 1 No.</td>
<td></td>
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</tbody>
</table>
DEPARTMENT OF PRODUCTION TECHNOLOGY

The Department of Production Technology started with a three year B. Tech Production Engineering programme (for B.Sc. graduates) in 1977 with an intake of 20 students and an M.E programme in 1993. The department offers B. Tech in Production Engineering and ME in Manufacturing Engineering, and Mechatronics Engineering. It offers part-time undergraduate programs in the areas of Mechanical Engineering, Production Engineering and a postgraduate programme in Manufacturing Engineering.

EXPERTISE AT

- Production Engineers work towards Choosing machinery and equipments for the particular manufacturing process
- Production Engineers will be planning & scheduling the production in any manufacturing industry. [e.g. Automobile Manufacturing industry].
- Production Engineers will be programming the CNC machines to produce engineering components such as gears, screws, bolts, etc.
- They are responsible for quality control, distribution and inventory control.

FACULTY DEVELOPMENT PROGRAMME

The Faculty Development Training Programme on “Design of Jigs, Fixtures & Press Tools” was conducted at the Department of Production Technology from 3.6.2013 to 10.6.2013. The programme was coordinated by Dr.S.Gajendran and Dr. R. Sivaramakrishnan and Faculty members from around Chennai and Tamil Nadu and MIT participated in the training programme. There was very good interaction between experts and participants during the Lecture sessions, case study presentations and during visit to Advanced Training Insitute at Guindy. Experts shared their views at topics like Introduction and basic elements of jigs and fixtures, Location principles and methods, Types of clamping and types of bushes, Classification of jigs, Design of a jig, Post jig and turn over jig etc. ....
FUNDING RECEIVED FROM AGENCIES

<table>
<thead>
<tr>
<th>UNIVERSITY GENERAL FUND</th>
<th>CPDE</th>
<th>CIA</th>
<th>UGC XII</th>
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<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

EQUIPMENT INSTALLED

1. Water jet machine-5lakhs
2. Electro chemical machine-15 lakhs

ASSOCIATION ACTIVITIES

1) Freshers Day

Date -19/07/2013

As a part of TAPE, every year a freshers meet is conducted for the 1st years. For the current academic year 2013-2014, around 60 students and their parents attended the meet. The main objective of the meet is to create an interaction between the parents, students and staff members. Also each student was asked to give a self introduction about them and their future ambitions. After that each staff gave a brief talk about the college and its atmosphere.

2) Soft skills development

Date – 22/08/2013

This program was conducted for third years in the view of supporting their placement preparations. The session was handled by Mr.Venkat subramanium,
Lambdanets CESS solutions. Apart from being technically well equipped, one needs good communication skills to exhibit their skills.

Just a minute, mock group discussions and mock interviews were held. The students also responded well and found to be useful.

3) Inauguration of TAPE Date – 30/08/2013

The inauguration of The Association of Production Engineers was held on 30th August 2013. The event was presided over by Mrs. Latha Paul, Blue Star Limited. Many special guests were also present on this occasion. The chief guest addressed the gathering well and the talk was very informative. Hence this function gave a good start to carry out the activities of TAPE for the current academic year.

4) Teacher’s Day Date – 05/09/2013

Teacher’s day is celebrated every year grandly by TAPE to honour our staff members. This year around 50 teaching and non-teaching staff took part in the celebrations. They were divided into 3 teams and various events were conducted for them. A gift was also given to all the staffs. Finally a cake was cut by them to make this day a memorable one.

5) SPARKANOVA’13 Date – 28/09/2013, 29/09/2013

Sparkanova is a inter college event held especially for workshops. This is the first year in which workshops are being conducted in the odd semester. Two workshops were conducted.

1. Advanced machining process (Wire cut EDM)
2. Six Sigma
It was attended by 300 students of various colleges from all over Tamil Nadu. The response was good from the participants and the event was a grand success.

6) Career guidance

Speech by – Ms. Sowmya Chief, Creative Mee.

This lecture was organised for both 2\textsuperscript{nd} and 3\textsuperscript{rd} years. The special talk was organised to guide the students to choose the most suitable career that fits them.

7) EXPRO’14

Expro’14, a National Level Technical Symposium is to be conducted on March 8 and 9\textsuperscript{th} 2013. This time we have planned bigger and better. Around 20+ events and 4 workshops are to be held. Some of the important events are Contraptions, IC Car race, All terrain vehicle, Robotic events, Water rocketry, Glider and presentations.
DEPARTMENT OF RUBBER AND PLASTICS TECHNOLOGY

The Department of Rubber & plastics is one of the pioneering departments of MIT, keeping to the tradition of MIT in being a non-conventional course offered under the Engineering curriculum. The department was started in 1988 and offers a B.Tech. Degree programme in Rubber & Plastics Technology and an M.Tech programme in Rubber Technology.

MISSION OF THE DEPARTMENT

The mission of the Department of Rubber and Plastics Technology is to

- Prepare the students to meet the fundamental expectations of the Rubber and Plastics industry
- Enhance the technical knowledge with respect to the current scene through collaboration with industries and research organizations
- Emphasize Product Design aspects to enable students to be innovators in the field of Rubber and Plastics Technology
- Encourage the students to become job providers rather than job seekers
- Take up inter and multi-disciplinary research and consultancy projects with industry and research establishments
- Motivate the faculty members to do research and to be updated with the latest developments in the area of Rubber and Plastics Technology.

EQUIPMENTS PURCHASED

- Mooney Viscometer-Rs.10,87,000/
- LCR Meter– Rs. 4,51,416/
- Cyclic Voltammetry – Rs. 4.92,055/

FUNDING RECEIVED FROM AGENCIES IN RUPEES

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<tr>
<th>UGF</th>
<th>CPDE</th>
<th>CIA</th>
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<tr>
<td>1.03L</td>
<td>2.20L</td>
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</tr>
</tbody>
</table>
Department of Electronics and Communication Engineering
T Batch

Department of Information Technology (S Batch)
Department of Rubber and Plastics Technology

Department of Information Technology (T Batch)
Department of Production Technology

Web Team MIT
ATHENAEUM ANNUAL REPORT 2013-2014

Athenaeum is a student body to promote co-curricular and extra-curricular activities of student community. The word Athenaeum comes from the Greek Goddess of wisdom ATHENE.

It is founded on the principles of transparency, accountability, Participatory and creativity. Athenaeum is entirely done by student body with elected representatives.

Athenaeum encourages students participation in exhibiting their creativity, organizing ability, latent talents, etc. within the campus and beyond the boundaries of their academic activities.

The wisdom generated in the conduct of athenaeum activities helps the students hone their leadership qualities, entrepreneurial skills, time and people management.

The annual activities of Athenaeum are dotted with the landmark events such as SIVARANJANI, MITAFEST.

We started with a mass cleaning with volunteers from all associations and all year. We conducted the intra college cultural event SIVARANJANI 2013, which gave a platform for the future directors, actors, dancers, orators, entrepreneurs etc and many more talents .Athenaeum always acted as a bridge between students and administration. We helped students to get fund for their international project through alumni association as loan, as they need the money immediately .Most awaited inter college cultural event MITAFEST 2014 with 50+ events, participants from all over Tamil Nadu, celebrities, many more. Two days of inter events and one day intra events spans from Feb28-Mar 2, witnessed a moving crowd of 5000+ all the three days. “Green Campus” the name earned by MIT because of the trees it has. But how many of us know the names of the trees and their characteristics?? Athenaeum took a survey on the trees to know their Tamizh name, English name and botanical name. There are over 30+ types of trees, 200+ trees inside the campus.
NATIONAL SERVICE SCHEME

In India, the idea of involving students in the task of national service dates back to the times of Mahatma Gandhi, the father of the nation. The central theme which he tried to impress upon his student audience was that they should always keep before them, their social responsibility. The first duty of the students should be, not to treat their period of study as one of the opportunities for indulgence in intellectual luxury, but for preparing themselves for final dedication in the service of those who provided the sinews of the nation with the national goods & services so essential to society. Our college is having the good base for such activities. The year 2013-2014 NSS showed their potential of serving this country through several ways.

MARATHON ON CANCER AWARENESS

Cancer is a class of diseases characterized by out of control cell growth. There are over 100 different types of cancer, and each is classified by the type of cell that is initially affected. The great famous organization INAUTIX invites our college to participate in marathon. About 80 NSS Volunteers of our college are participated in marathon with ROTORACT CLUB OF MIT Volunteers.

SUICIDE ORIENTATION

NSS conducted awareness program for its first year volunteers which was organized by SNEHA FOUNDATIONS, because mainly they get depressed in their life after joined in college. We interestingly observed the orientation and it was very useful to us. We gained a lot of information regarding suicide prevention in our life.

NSS DAY’13 COMPETITIONS

Every year NSS conducts competition for first year NSS volunteers to improve their talents. All first year volunteers were interestingly participated in all competitions. Essay writing, Tamil & English poetry, Slogan, Speech, Drawing are the events which were conducted to first year by senior NSS volunteers. Our Campus Dean, Dr. Thamarai Selvi, Mr. Murugesan., Mr. Paulraj were invited for NSS DAY celebration. Nearly 400 volunteers came for NSS DAY.
celebration, 240 from first years, 100 from second years, 60 from third and final years.

ORPHANGE VISIT

Every year orphanage visit was conducted by NSS team. This year we went to an orphanage named as “GOOD LIFE” in Tambaram. About 50 first year NSS volunteers are guided by the 20 senior volunteers with the help of staff members. Good Life orphanage accommodates about 165 children and their staff members who take care of them with good care and responsibility. The first year NSS volunteers had a great experience in “GOOD LIFE”.

ORGAN DONATION ORIENTATION

Organ donation is a transfer of organ from one person to another in need of transplantation. It can be transferred either from living or dead person. There is no age limit for donating the organs. It was conducted by Ms. Kavitha and Ms. Sunitha of “Mohan foundation, Kilpauk”. They showed the world’s youngest donor’s photograph of a baby whose age is around one year, had donated organ to her father. Then finally foundation issued an “organ donor card” to the interested students.
MIT Students are very active and participated in various sports events and brought many distinctions in various sports & games and earned a very good name and fame to MIT. Details of distinctions and positions captured by the students are as follows:

STUDENTS PARTICIPATED IN THE INTERUNIVERSITY LEVEL TOURNAMENTS:-

1. **Mr. Jeswin Raj Kumar, Third Year** - participated in the All India Inter University. Taekwondo Championship held at Sathyabama University, Chennai Month of January 2014. 26th State Level Taekwondo Championship participated and secured First Place.

2. **Ms. S. Rizwana Begum, Final Year** - represented in the Trichy Throw Ball Team. Captain in Senior State Championship and Secured Bronze Medal.

3. **Mr. A. Nanda Kumar, First Year** - participated in the All India Inter University Taekwondo Championship held at Sathyabama University, Chennai Month of January 2014.

ACHIEVEMENTS AT THE STATE, NATIONAL AND INTERNATIONAL ARENA:-

**Mr. M. Sarvesh, Third Year:**

1. Selected among top 100 Club Table Tennis Players in Chennai.
2. Selected as Captain of SDAT, Tuticorin Team.
3. Table Tennis State Match - Winners held at SDAT, Chennai
4. Inter State Table Tennis Match - Participation in Bangalore
5. Got the award for Best MIT Sportsmanship 2013-14
Mr. S. Anand Shankar, Second Year:

(1) Third in Triple Jump held at Kochi
(2) Fifth in Long Jump held at Kochi

STUDENTS REPRESENTED IN ANNA UNIVERSITY ZONE IV & INTER ZONAL TOURNAMENTS:

1. Anand II ME, Gunaseelan IV ECE, M. Dinesh IV ECE, Magesh IV RPT. Students are represented in the Inter Zonal Hockey (M) Team.
2. Kishore II ME, A. Nanda Kumar I ECE, and Mano Aravind sports persons represented in the Anna University Inter Zonal Hand Ball (M) Team.
3. M. Syed Aboo Backer III ECE & Bharathi III IT are represented in the Kho-Kho (M) Inter Zonal Tournaments.
4. Rama Subramanian IV Auto, Haritha II E&I & Sushmitha I CSE are represented in the Anna University Inter Zonal Athletics (M&W) Tournaments.
5. Soniya I Aero, Aishwarya II E&I, A. Nanda Kumar I ECE, Jeswin Rajkumar III Auto and Gautham I E&I Students are represented in the Inter Zonal Taekwondo (M&W) Championship.
6. Adithya II Production, Harshan I Year Students are represented in the Anna University Inter Zonal Badminton (M) Team.
7. Ashwin I CSE is representing in the Cricket (M) Inter Zonal Tournaments.

LIST OF MEDAL WINNING PERFORMANCES IN ANNA UNIVERSITY ZONE IV (2013-14)

<table>
<thead>
<tr>
<th>S. No</th>
<th>Name of the Game</th>
<th>Medals</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chess (M&amp;W)</td>
<td>1 Silver</td>
</tr>
<tr>
<td>2</td>
<td>Badminton (Women)</td>
<td>1 Silver</td>
</tr>
<tr>
<td>3</td>
<td>Tennis (Men)</td>
<td>1 Silver</td>
</tr>
<tr>
<td>4</td>
<td>Badminton (Men)</td>
<td>1 Bronze</td>
</tr>
<tr>
<td>5</td>
<td>Hockey (Men)</td>
<td>1 Bronze</td>
</tr>
<tr>
<td>S. No.</td>
<td>Name of the Student</td>
<td>Year</td>
</tr>
<tr>
<td>-------</td>
<td>------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>1</td>
<td>Sushmitha</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>Saranya Kruba</td>
<td>II</td>
</tr>
<tr>
<td></td>
<td></td>
<td>III</td>
</tr>
<tr>
<td>3</td>
<td>Sushmitha</td>
<td>I</td>
</tr>
<tr>
<td></td>
<td>Kaviyasri</td>
<td>II</td>
</tr>
<tr>
<td></td>
<td>A. Haritha Ashwini</td>
<td>II</td>
</tr>
<tr>
<td></td>
<td>R. Lavanya</td>
<td>III</td>
</tr>
<tr>
<td>4</td>
<td>U. Vinodhini</td>
<td>II</td>
</tr>
<tr>
<td>5</td>
<td>R. Lavanya</td>
<td>III</td>
</tr>
<tr>
<td>6</td>
<td>A. Haritha Ashwini</td>
<td>II</td>
</tr>
<tr>
<td>7</td>
<td>Kruba</td>
<td>III</td>
</tr>
<tr>
<td>8</td>
<td>Kaviyasri</td>
<td>I</td>
</tr>
<tr>
<td></td>
<td>A. Haritha Ashwini</td>
<td>II</td>
</tr>
<tr>
<td></td>
<td>U. Vinodhini</td>
<td>III</td>
</tr>
<tr>
<td></td>
<td>Sushmitha</td>
<td>I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>II</td>
</tr>
<tr>
<td></td>
<td></td>
<td>III</td>
</tr>
<tr>
<td>9</td>
<td>U. Pavithra</td>
<td>II</td>
</tr>
<tr>
<td>10</td>
<td>Priyanka</td>
<td>I</td>
</tr>
<tr>
<td>11</td>
<td>A. Haritha Ashwini</td>
<td>II</td>
</tr>
<tr>
<td>12</td>
<td>Kaviya Sri</td>
<td>I</td>
</tr>
<tr>
<td>13</td>
<td>Soniya</td>
<td>II</td>
</tr>
<tr>
<td>14</td>
<td>Ramasubramanian</td>
<td>IV</td>
</tr>
</tbody>
</table>

LIST OF MIT TEAM MEMBERS WON THE MEDALS IN ATHLETICS ZONE IV (2013 – 14)
<table>
<thead>
<tr>
<th></th>
<th>Name</th>
<th>Class</th>
<th>Event</th>
<th>Medal</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>G. Sathishkumar</td>
<td>IV</td>
<td>400 Mts Hurdles</td>
<td>Gold</td>
</tr>
<tr>
<td>16</td>
<td>M. Rama Subramanian</td>
<td>IV</td>
<td>4 x 400 Mts Relay</td>
<td>Gold</td>
</tr>
<tr>
<td></td>
<td>G. Sathishkumar</td>
<td>IV</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>P. Ramnath</td>
<td>IV</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>S. Sravenesh</td>
<td>I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Joseph B. Kottaram</td>
<td>II</td>
<td>High Jump</td>
<td>Silver</td>
</tr>
<tr>
<td>18</td>
<td>P. Ramnath</td>
<td>IV</td>
<td>400 Mts Hurdles</td>
<td>Silver</td>
</tr>
<tr>
<td>19</td>
<td>V. Kurishanthan</td>
<td>IV</td>
<td>20 KM Walk</td>
<td>Silver</td>
</tr>
<tr>
<td>20</td>
<td>M. Nitin</td>
<td>III</td>
<td>Hammer Throw</td>
<td>Bronze</td>
</tr>
<tr>
<td>21</td>
<td>Santhana Mahalingam</td>
<td>IV</td>
<td>Decathlon</td>
<td>Bronze</td>
</tr>
</tbody>
</table>
YOUTH RED CROSS

The International Red Cross Movement is the well-known and worldwide humanitarian organization, present in almost all the countries. The fundamental principles of Red Cross Movement are Humanity, Impartiality, Neutrality, Independence, Voluntary Service, Unity and University. The Youth Red Cross is the most important constituent of its mother organization, Indian Red Cross. It is a group movement organized at the initial stages for students between 18 and 25 years of age within the colleges.

BLOOD DONATION

YRC does a good work of sending volunteers for blood donation. First of all receiving emergency calls from blood banks and hospitals like MMC, MIOT, MMM, Hindu Mission, GH-Sanatorium, Porur Ramachandra, Lions Club of Madras, in and around Chennai at any time. Then checking the genuineness of the information, the volunteers will be sent as soon as possible. Between July 2013 to March 2014, YRC have arranged about 100+ units of blood in which 75+ lives were saved.

RRC PEER EDUCATORS TRAINING PROGRAMME

Peer educators are the volunteers of creating awareness about AIDS. The one day programme was arranged by RED RIBBON CLUB, and organized by YOUTH RED CROSS OF MIT, and this event was sponsored by TANSACS. Programme officers and student representatives from 14 colleges had attended the programme. The students attended this programme have an awareness about AIDS and the ways it spread, and its symptoms. Then they were introduced with a real life victim affected by AIDS and how she suffered without awareness among the people and how she recovered in life via the trainer’s advice.

ORPHANAGE VISIT

YRC arranges ORPHANAGE VISIT regularly to spend a day with souls without hypocrisy. Several games for the children in the orphanage were conducted according to their age groups. The tenth and twelfth grade students in the orphanage were advised by our college students and were instructed about
board examinations. MIT students taught them different subjects and guided them wherever required.

**MARTRY’S DAY CELEBRATION**

A special programme regarding Martyr’s day was conducted successfully on 07.02.2014 by Youth Red Cross and National Service Scheme of MIT. The programme was conducted in the presence of Dr. S. Thamarai Selvi, Dean MIT. YRC Programme officers Mr. Elangovan, Mr. Anandha Kumar, Mrs. Suganthi, NSS programme officers Dr. K. Veerabadran, Mr. Murugaraj. The presence of Mr. MadhuKumar, who was the Chief guest of the day graced the function and he is the President of NGO called "YuvaShakthi" which is a registered, non-governmental, on-political organization. The competitions to the various school students took place and the prizes were distributed on the day of celebration.
MIT MUSEUM

“Real museums are where time is transformed into space”

MIT Museum portrays the pride of MIT through its displays, wall hangings, photos, videos, models, etc. MIT MUSEUM is an organization acting as a bridge between MIT alumni and the present students. MIT MUSEUM strives to bring back the MIT culture which are extinct or which are in the brink of extinction. MIT museum strives to educate people inside MIT about the prestige and culture of the MITians who achieved great and attained top positions. MIT MUSEUM tries to make students understand that MITians are/were stronger than others in all aspects such as studies, sports, extracurricular activities like cultural (dance, variety, dramas etc.).

The MIT MUSEUM also provides opportunities for the current students to interact with the alumni to enhance their knowledge, to shine in their placement/carrier, to glow brightly in their next 40 years of real life situations. MIT MUSEUM extracts the experience of the present students for the juniors to follow. The MIT MUSEUM was started in March 2011 and continues to act as an individual body.

The academic year 2013-2014 was a blossoming year for us and the activities are:

- This year we arranged all the photos in a particular order. i.e starting from 1949 to the current date, the gallery is arranged accordingly. The position of hanging also rearranged with proper and identical spacing.

- The precious books of the alumni which we collected started to fade out in their quality and a measure of wrapping all the MITMAG’s are done to ease its view. This amount spent for wrapping was funded by MITAA parent chapter.

- To exhibit the books safely proper carpentry work has been done which prevent sliding of books.
• The shields from various clubs are collected, cleaned, repaired and kept for display for example, The shield for “AIDS AWARENESS” by NSS ,The shield for “SILVER JUBILEE” by MITAA
• Professor K.V.Narayananan, the founder and first staff advisor of PDA is a legend in the MIT history. His Excellency is portrayed in the booklet which we added to the books of Museum.

• Rajam’s Visionary mission is the book released by his grand-daughter Prema Srinivasan in presence of A.P.J.Abdul Kalam and this book is collected from Prema Srinivasan in person for museum’s collection.

• We replaced the old template of museum.mitindia.edu website with new one in order to scale the contents and to provide professional view. It has different tabs like Great MITians, Milestones, Achievements which will spread our prestige through internet. The main inspiration for concentrating in museum website is our MITAA chapters like parent chapter, Singapore chapter, Bangalore chapter who maintaining their website with rich content. Further we are planned to include the features like receiving feedbacks, suggestions from seniors and create a forum for discussions in our website.

• Online backup of student’s details in mitindia.edu server (2004 to 2011). We also created the user interface for accessing and updating the details with different level of privileges

PHOENIX RISES

The phoenix bird tends to recreate itself when it dies. Similarly, the MIT’s culture should be reinstated. So to educate the present MITians about the MIT’s culture, everyday a question was written on the board and the answers with discription were displayed as PowerPoint presentation in the museum’s LCD monitor during Thursdays.

PHOTO QUEST

This is to educate people inside MIT about places inside MIT. A picture like anusat ground station was put up on the notice board, asking the students to find
the place and answers were displayed in museum during Thursdays. It is mainly
indented to create curiosity to explore the things in MIT and its significance.

**DOCUMENTARY**

These initiatives not only promoted the MIT MUSEUM but also helped the
volunteers to develop their confidence by narrating the events in both Tamil and
English language and handling the tools for editing videos and adding effects to it.

**YRC**

The first ever documentary in the history of MIT. The origin of YRC in
India, in MIT and their activities are explained as video and voice of our volunteers
in the background

**NSS**

A 16- minutes documentary portraying, origin and the activities of NSS
inside and outside MIT.

**DHAKSHA**

MITians became the kings once again. Unmanned Aerial Vehicle developed
by avionics department achieved first prize in international level. The
DHAKSHA’s Excellency is portrayed in the museum and stored as video gallery.
This documentary explains the specification details of DHAKSHA and how it
helped for public in rescue operations, controlling traffic and search.

**PLASTIC AND SIGNIFICANCE OF RPT IN MIT**

This documentary helped to educate people inside MIT about the goodness
of plastic and to show the reminiscence of RPT department.

**PRESENTATION**

**NSO**

Presented the zonal participations and achievements of MIT students, with the aim
of encouraging the participants and spread the sports among the students.
SHELL ECO WARRIORS

Perseverance and team spirit award of automobile department students is presented to the students to motivate them to participate in the international level competitions. That presentation also presented about the various teams (baja, ecocycle,..) in automobile department doing project in different verticals.

A DROP IN AN OCEAN

- Moreover, this year’s MITMAG is a part of MIT MUSEUM’s activity. As the MITMAG was not released for the past two years, MIT MUSEUM took initiative to bring the culture of MIT.

- 12 photos during the dean period of Dr.K.Jeyaraman and Dr.P.Kanagasabapathy are added to the photo collection in Mit Museum

- Mit Museum will strive to bring back the ASYMPTOTE in the next year and to make Mit documentary for every first year orientation.

We team MIT MUSEUM use this opportunity to thank Dean Dr S Tamarai Selvi who encouraged us to do activities and corrected whenever we did wrong anticipation, by that way we learnt what the right time to do things is. We thank Mrs. T. Catherine Bina who is the moral support for us since 2011, Ms. M. Mythili the staff advisor of MIT MUSEUM who guided and motivated us throughout the year, Hostel wardens who allowed us to display our promotional videos during OATs and gave permission to use hostel notice board for museum related uses Mr.Azhaguvel who gave photo collections to museum, Mr S.Paramasivam and maintenance team, Dean PA who gave important dates like alumni meets etc and C.V.S Gopalan senior who mentored us. We extend our thanks to all seniors, staffs, student friends who visited MIT MUSEUM and gave useful suggestions and encouragements.

-TEAM MIT MUSEUM
COMPUTER SOCIETY OF MIT

Whether an MITian has a sleeping technocrat buried in him or has a frivolous passion to stay in the cutting edge of technology, we, the CSMIT-Computer Society of MIT, work to provide him all it takes to stay in the zenith of computer skills. Our activities are aimed at achieving parity among students about what they know and don’t know about computers; and provide the students the requisites to solve problems in their industrial domains. In the society, the veterans are always ready to lend a hand to the neophytes. Gifting our student community a break from academic rigor, we conduct a large number of events and a couple of technical fests to feed the geeks the brain-challenge, festivity and exposure they deserve.

VISION:

1. Computer Society will be the preferred partner for industries in scope of internships, projects and event collaborations that are connected with students.
2. Non-members of the society of MIT as well as other colleges will look up to Computer Society fellows to solve their computer affiliated problems.
3. Computer Society fellows will be incomparably better than other MIT students in their chosen field.

WEEKLY SESSIONS

(i) TECHNICAL CLASSES

Classes are conducted for students based on their department and year in college by students with a good expertise in the corresponding subjects. Technical skill empowerment is ensured in these classes as it covers the syllabus taught in class with greater detail and more illustrative real-life examples. Materials are made available for later reference.
(ii) CODERS CLUB

Coders club is the association of the coders. They can discuss their programming problems, codes, optimal data structures, coding strategies, etc all with students who share the same passion and dedication for coding.

(iii) SIMULATION CLASSES

Simulation is the best strategy where the electrical and electronics based students want to learn and explore with their interests and ideas. These classes provide them a platform to experiment and learn using simulations.

(iv) CAD CLASSES

CAD classes enable students involved in automobile, production and other machine related fields to learn from the scratch. They can proceed to explore the advanced features available in autocad which is widely used in many industries for real time applications.

(v) WEB DESIGNING CLASSES

Web designing classes encompasses many different skills and disciplines in the production and maintenance of websites. The classes deal with web graphics, interface designing, hosting and all other technology basing the web. The students learn various web languages, client and server side scripting and strategies to build efficient, eye-catching websites.

(vi) PLACEMENT CLASSES

Placement classes are deviced to mould the students to meet the corporate expectation and place them in reputed companies based on the job expectations.

MONTHLY WORKSHOPS

With increasing demand for the people with topnotch software skills these classes help the students to know about all the minute details in the software even in its niche areas. Different essential and innovative softwares are unwrapped and explored in detail for their functioning, details, performance, and the like. This will enable them to use the software and also get an insight into creating such software.
**JUGGERNAUT**

Juggernaut provides the students periodic touch with mind-boggling questions and problems based on general aptitude and those pertaining to their branches. Being open to all streams, this event brings out the creamiest crowd of MIT to the spotlight.

The various departments in college are sectioned into Elex, Mech and Algo disciplines. The students are allowed to choose a partner of their same stream and take up the test. This competition is usually help every second week of the working months and consists of three rounds.

The first round is aimed to test the general aptitude of the students and is common to all the three disciplines. The second round will be a design/algorithm round which ventures to check the survival of the participants in the finals. The finals will be the programming, circuit design and model design contest foe algo, elex and mech streams respectively.

Juggernaut contest was started in the year 2007 and maintains a consistency in the participation of students from MIT. This also increased the number of ICPC (conducted by ACM) team participants in MIT.

**ENIGMA**

Enigma is an annual intra-college technical event that lures the shrewdest talents. The spell bounding range of events paired with huge prize money include programming & debugging contests, µpro, GNU/Linux quiz, FOSS quiz and Configure IT; and rolling events like cryptic math, hanging quiz, crossword and gaming. The day begins with preliminaries, the finals are conducted in the afternoon session and prize distribution follows in the evening. Enigma also offers workshops on trending technical topics like Android Applications. Lectures on various rare topics are also delivered for those with knowledge thirst. The events of Enigmas have helped identifying talents, rewarding the deserving, inspiring the enthusiasts and seeding computer craze throughout the campus.
CARTE BLANCHE

For those who doubt whether anything good under the sun would ever be offered for free, Carte Blanche is our answer. If you are one among those who are not satisfied with just knowing and using free / open source software but also have the urge to tweak or create their own software, then this is your playground. Carte Blanche helps them to get into the details, to collaborate in creating free software and to appreciate the efforts of fellow enthusiasts. This event which was started in 2005 saw huge responses and instantly was a hit with the free software community in India. Since then it has been providing a platform for the budding software engineers from across the country to display the prowess in various fields of computing with a special importance towards open source.

The event is supported by the Indian Linux Users Group, Chennai (ILUGC), National Resource Centre for FOSS, Computer Society of India (CSI), AU-KBC Research Centre and IEEE Computer Society. Formerly titled Linux Demo Day, it evoked tremendous response both from the public and the student community. In the past three years, Carte Blanche has grown into a one-of-a-kind technical symposium with special events like demos on various free software including GNU/Linux, workshops, lectures, free software distribution, as well as conventional programming, debugging and hacking contests, online puzzles and debates. Whatever be the event, our theme is the same!! Free software!!

COMMUNITY SERVICE

Computer knowledge is not only a pre-requisite for almost all jobs but also essential for our very own survival in a fast-paced technological era that ours is. Analysing this scenario and concluding that computer acquaintance is not just for engineers, but for everyone under the sun, CSMIT initiated the Community Service Project. This project involves reaching out the young talents in Government Schools, Orphanages and Homes for physically challenged and helping them in learning computers. MIT, being a reputed institution with meritorious students, is only too happy share the knowledge bestowed on the students to these young ones who have quick brains to grasp the computer fundamentals.
ONLINE APS TEST

CSMIT works in collaboration with the Personality Development Association of MIT (PDA) to enhance the general aptitude question solving efficiency of the students. This test is conducted every Thursday and consists of questions framed based on the MNC standards.

Being the Computer Society, we conduct, in addition to general aptitude test, the C aptitude test. Numerous C questions of various levels of difficulties are asked. We also include those questions which are frequently asked in interviews.

Answer keys are provided after the test is over and the details of students with highest scores are highlighted and posted up the notice boards.

Recently, we have started conducting aptitude tests online. This was initiated for the sake of convenience of the students who want to take up the test as they can do it from the comforts of their home at a time that suits them, which has successfully motivated more day scholars to benefit from the tests.
Athenaeum MIT

Dr. S. Thamarai Selvi
President

A. Ahilan
Chairman

Dr. R. Gunasekaran
Vice President

Dr. K. Latha
Vice President

G. Dhivagar
General Secretary

M. Karthika
Lady Representative

L. Rudra Kishore
Treasurer

T. Vignesh
Program Secretary

R. Mohan
Program Representative
PERSONALITY DEVELOPMENT ASSOCIATION

“It is the combination of characteristics or qualities that form an individual's distinctive character." 

It all started in 1984, a time when students excelled in technical skills but fell behind when it came to communication in English. A group of enthusiastic students got together and said ‘Let’s do something!’ Meetings were held under the trees and shades of MIT with only one goal – holistic development. It led to the formation of an association enriched with talent and personality and also instigated other universities across the state to do the same.

Personality Development Association (PDA) is now one of the most prominent organizations of MIT. PDA is an expert team comprising students wearing different coloured tags and from various departments. It is an organization which works towards bringing out the unique traits in you.

PDA strives to bring to light, the speciality in you. Through PDA, you can get a clear picture of who you really are and what your strong points are. PDA provides the perfect platform for building personalities and to further boost your personal life. It is an association whose ultimate goal is continuous development. A place where talent meets opportunity.

ACTIVITIES OF PDA OF THE ACADEMIC YEAR 2013-14

- **Mock Interview**
  
  It is conducted at the beginning of the year for the final year students to have a pre-interview experience and conducted by MIT Alumni.

- **Communication Skills Class**
  
  On every Monday fun based speaking activities such as Ship Wreck and other activities like turn coat and extempore are conducted to enhance the oratory skills of the students. Group Discussions are also conducted.

- **Aptitude Class**
  
  Aptitude tests followed by solution Classes. PDA Conducts Aptitude Classes on every Wednesday. A specific topic is taken & dis-cussed, students are thought different ways to analyse and approach the problems. Aptitude Tests are held every Thursday to calibrate their skills. It covers
problems on verbal and numerical ability, puzzles, logical reasoning and general knowledge. The solution classes are conducted every Friday to discuss the previous papers and thus further their talents.

- **Career Guidance Talk**
  A socialist Shafath Ahamed gave a talk on how to set your aim and goals and how to differentiate them.

- **Smart Session**
  In this session, department subjects are taught to the students by their department seniors. The subjects are selected based on the student’s requests.

- **Quiz session**
  It is conducted on Tuesdays with the support of Quiz club of MIT to train the students with the current trends in quiz.

**PERSOFEST’14**

This year the mega event of PDA “Persofest” was inaugurated by Dr. V. Irai Anbu IAS, who spoke about varying personalities on 11th March.

- **Mr & Ms Persofest**
  To find the best personality among the contestants (about 400 People participated) comprising of around 8 rounds which test one’s unique qualities

- **Campaigning**
  An issue is taken to create awareness among students. It was conducted for 4 days where 10 teams participated which made an everlasting impact on MITians. Varying powerpoint presentations, videos were created by the participants

- **Oratory Events:**
  Turn coat, debate, mock parliament & product marketing. Students were encouraged to participate which made them to overcome their stage fear and to exhibit their creativity in addition to developing their oratory skills

- **Art Events**
  Art gallery, pencil sketching, face painting, etc. These events were conducted to encourage budding artist to exhibit their talents.
ROTARACT CLUB OF MIT

“Everyone can be great, because everyone can serve”

-MARTIN LUTHER KING

With the motto of “Bringing HUMANITY of MITians to the society”, Rotaract club of MIT has aimed in doing several social related activities by which needy people get benefited. Every individual owes a great deal of gratitude to the society that has sheltered and nurtured him throughout his life. Started in 1992, it has successfully completed its 22 years of service and still the service goes on. Rotaract club of MIT comes under the parent ROTARY CLUB OF MADRAS NORTHWEST, RI DIST 3230 presided by Dr.S.Sethuram for the academic year 2013-2014. Our mega events includes ROTOFEST and SPARISH.

ROTOFEST

It is an event for the differently abled children. With a participation of around 300 children, every year this event is conducted in our MIT campus. Several competitions are conducted for children and prizes are distributed.

SPARISH

It is an event for god gifted children. Various events like drawing, singing and dancing are conducted to bring away their talents and prizes for the winners are distributed. This fest too will have a participation of around 300 children.

ROTOPARK

It’s a day for god gifted children. Children from any one of the homes are taken to a place outside and one full day is meant for entertaining them.

Our other activities include Orphanage visits, Orphanage teaching, School teaching, Plastic bag collection, Old clothes collection, Medical camp, Eye testing camp, Blood donation camp and much more. In addition to these activities, this year we have distributed school uniforms for government school children.

We are very thankful to our staff advisor Dr.K.Kalaichelvan and our dean Dr.S.Thamarai selvi for helping us in all our activities.
ROBOTICS CLUB OF MIT

The vision of the Robotics Club of MIT is to produce engineers with substantial knowledge in the field of Robotics and Automation so as to meet out the requirement of this expanding technology. The club is intended at training students in this cutting edge technology with hands on practical exposure.

The club conducts regular weekly classes which includes both theoretical and practical sessions. The topics covered in the classes are dynamics and control of mobile robots, Industrial robotic arm making, autonomous robots and few software packages such as ROBOTC, ARDUINO etc. This club organizes an intra-college event named ROBOMANIA. This club is yet to make an impact in our campus and we are looking for productive years in the future.

MIT QUILL

The MIT Quill was founded early 2012 by Mr. Srinivasan Sivaramachandran of the 2013 batch. It is his passion for writing that instigated the Writers’ club of MIT. The MIT Quill which is also the name of the campus newsletter. The MIT Quill is a bunch of MITians passionate about journalism striving to be the voice of MIT. Mrs Lakshmi, Teaching Faculty, Dept. of Applied Sciences and Humanities, MIT is currently the faculty-in-charge of the team. They investigate, capture, report and write the happenings in college. The MIT Quill acts as a medium by which the MITian can get to know the college news. In addition to being the college newsletter, they conduct writing competitions for the students to bring out the creativity and develop a hold over the language. The MIT Quill is becoming increasingly popular in complementing the administration and improving the relations between the administration and the students.
MITAA ACTIVITIES 2013-14

January 2013

- 4\textsuperscript{th} : AMITA Trust corpus fund crossed 1.3 Crores. (currently it is 1.35 Crore).
- 11\textsuperscript{th} : MITAA Kuwait celebrated Pongal Vizha, Senthamil Arasu organized.
- 22\textsuperscript{nd} : Mrs. R. Sumathi, 32nd batch Electronics - received NDTV-Pearson Best Teacher award.
- 28\textsuperscript{th} : AMITA Trust Scholarship distribution to 15 First year Students at MIT.

February 2013

- 1\textsuperscript{st} : Mr. N. Ramakrishnan (Ramki), 34th batch instrumentation, did social and charity cause at his home town TV malai.
- 3\textsuperscript{rd} : MITAA Annual Family get-together at Maya's Resort, Chennai (Cine actress Ms. Charmila was the anchor).
- 3\textsuperscript{rd} : Alumni met our beloved late Prof KVN at Neelangari, Chennai.
- 9\textsuperscript{th} : Mr. S.V. Raman 23rd batch met Prof KVN at TV malai.
- 13\textsuperscript{th} : Seminar organized by MITAA at GRT with CII and MIT on Electronics in Automobiles.
- 15\textsuperscript{th} : Mr. A.S.Bavanandan, 15th batch Conducted Energy audit at MIT for electricity optimization.
- 16\textsuperscript{th} : MITAA Kuwait donated Rs 129300 towards Book Bank at MIT through MITAA Parent Chapter.

March 2013

- 15\textsuperscript{th} : Mr. N. Ramachandran 21st batch Elecs, conferred EFY's Lifetime Achievement award at Le Meridien Hotel, Bengaluru.
- Mrs. R. Priyamvada, 32nd batch Instr became a woman Leader - HOD-Instr - EIL India.
April 2013

- 5th: Founder's day / Institute day / Alumni day celebrated at MIT (Mr. K. Thiagarajan 23rd batch outstanding alumnus & Dr. K. Sivan 29th batch distinguished alumnus).

May 2013

- 15th: Mr. K. Thiagarajan's (23rd batch inst), son and daughter contributed Rs 4 lacs to AMITA Trust. (totaling 14.25 lacs from him/family)
- 19th: Dinamalar published article about Mrs. Hema Gopal 30th batch Elex.

July 2013

- 2nd: MITAA donated Rs 50,001/- towards Ganga Flood Relief Fund, through CARE TODAY (for Uttarkhand disaster).
- 11th: Our beloved Prof KVN expired; many alumni/MITAA EC attended the funeral.
- 19th: MIT first year student admitted, MITAA EC attended the function.

August 2013

- 3rd: TV Malai, Ramanashram through News Letter paid tribute to our late Prof KVN.
- 11th: Felicitation to Mr. K. Jayaraman (29th batch aero) at Hydrabad.
- 13th: Later Prof KVN memorial meet held at Rajam Hall, MIT.
- 25th: MITAA AGM and Goldies function at Alumni Club.
- MITians contributed 5 lacs to build one class room/fans at Sri Aiyaswami Aiyer school at Chromepet in memory of Late KVN (CV sir separately coordinated this effort).
- 31st: Dinamalar published article about Mrs. Hema Gopal 30th batch Elex.
September 2013

- 15th: An article about Mr. C S Nrayanan T#1645 in Dainik Jagran Cityplus at Bangaluru.
- 29th: Thanthi TV interview with Mrs. Hema Gopal 30th batch Elex.

October 2013

- 17th: Three Laptop PCs donated to MIT Library for digital books (donated by Mr. K.Thiagarajan, 23rd batch Instrumentation).
- 29th: AMITA Trust Scholarship distribution to 38 Second/Third/Fourth year Students at MIT.

November 2013

- 4th: Mr. A Ramanathan 18th batch Instr elected to the ISA fellow Grade by ISA, USA.
- 23rd: 27th batch had re-union first day.
- 24th: 27th batch had re-union second day.

December 2013

- 6th: MITAA Newsletter published.
- 7th: MITAA President Mr. R. Balaji, met alumni at Houston.
- 10th: 12th batch re-union first day - donated Rs 2 lacs to AMITA Trust.
- 11th: 12th batch re-union second day.
- 20th: 31st batch re-union first day.
- 21st: 31st batch re-union second day.
- 27th: 37th batch Silver jubilee year reunion-first day.
- 28th: 37th batch Silver jubilee year reunion-second day.
- 29th: 37th batch Silver jubilee year reunion-third day.
- Another article by Mr. Smiles Maskarenhas of 24th batch was published in Science Reporter.
- Mr. Ganesh Srinivasan, Rubber Tech alumnu lead his team to received Nanotechnology INNOVATION national award by Govt of Karnataka.
January 2014

- 600 books are there in book bank.
- Mit Automation Seminar was held in February.

February 2014

- MITAA helped to third and fourth year students to participate in Shell Eco Rally at Philipines.

March 2014

- MIT founders day was celebrated on Friday 21st March 2014.
- Mr. Balasubramaniyam of 14th Batch and Mrs Hema Gopalan of 30th Batch were honoured.
- MITAA made a statue at their cost of MIT Founder C Rajam and it was installed in New Automatic Gate.
குருங்காணை

மணி பெற்றும்
  மகனில் குமார்கிரமம்...!
மணியில் வரும்படும்
  கல்லூரிக் நிகழ்வும்...!
மணியில் ஆர்ப்பாடையும்
  சீர்காலில் குறுகிப்படும்...!
மணியில் சைவப்படும்
  சில்பகல்கள் புரோஷ்பாடும்...!
கால்பிருந்து இந்தடியம்
  அதிகரித்து மீள்வு கருதகியே...!
லாப்பொருள் வாழ்வாத்து தவறும்...
  மணியில் வாழ்வாத்து மட்டுமே...!
திருவாராம்!...?
மாதம்!...?
கால வாழ்வாத்து பிரிந்து...

-ஜ.சிக்கார சேகரம்
(201005012)

குருங்காணை முருகச்சாமு உடனே நிகழ்ச்சி

குருங்காணை, முருகச்சாமு உடனே நிகழ்ச்சி என்பது,
கற்பனக்கு சுற்றுப்புறாக காணா நடைகள் விளையாடப்படும்
மும்பியது மூன்று நிகழ்ச்சிகள் உடனே
ஆராய்ப்பாடை கிளாள்ளணிக்கும்
சுருக்காரா போற்று நீக்கும்
குருங்காணை முருகச்சாமு உடனே
குருங்காணை முருகச்சாமு உடனே நிகழ்ச்சி.
சுருக்கவும் செய்து வந்த காலத்திலிருந்து
சுருக்கவும் விமானவியல் பல காலத்தில்
சுருக்கவும் வணங்கியோ முன்னுடன் வணங்கியோ
அவசரத்து வகை நேரத்தில் நிகழ்த்தியது

போக்கு திருவியும் லாது செய்துத்தியேறும்
போக்கு அகமாத்தில் பிறந்துதல்
நோக்கியும் கூட்டு பற்றியுற்றியேறும்
திருப்பினமங்கள் குறிப்பிட்டிருந்தது

தீர்மானம் முற்பிரித்துக் கொள்ளியது
சுருக்கமானவர் விளக்கியது
விமானவியல் வரலாற்று
விமானவியல் வரலாற்று
விமானவியல் கலாச்சாரம்

குறிப்பிட்டு கூறியது சுருக்கங்கள்
சுருக்கங்கள் விளக்கியது
சுருக்கங்கள் விளக்கியது
சுருக்கங்கள் விளக்கியது
சுருக்கங்கள் விளக்கியது

விமானவியல் வரலாற்று
விமானவியல் வரலாற்று
விமானவியல் வரலாற்று

பிரித்துக் கொள்ளியது
பிரித்துக் கொள்ளியது
பிரித்துக் கொள்ளியது

-திருத். தேவராய் பாபி
அந்தன்று சோம மலர்களில் நடனாலோ...ஆனாலும் பிற்றுக்கொண்டால்
ஏக்குறிக்கை ஆண்டவர்களும் எங்குதோக்கி வரற்றுவதும் அக்கு ஒரு கமாத்தன
காக் கலாம் நீட்டா.ஆப்பட்டு எந்தவையும் காத்து உட்கொள்கிறது.
தர்க்கத்தவை உண்டு கூற்றுக்கொண்டால் காத்து...அதற்கு இழுக்கப்படாமல் மறுமலர்...அவ்வ
மறுமலர் வில்லையடிப்படும் தரத்து பிள்ளைகளின் விளேறு பிள்ளைகள் என்று
பிள்ளைகள் என்று! அவ்வாறு இழுக்கப்படாமல் பிள்ளைகள் பரவலை, அவ்வக கால
தம்பத்தவையும் நிற்கிறது, அதே அவ்வக தம்பத்தை எப்படியும் நிற்கிறது...சரத்தல் காட்டு...பிள்ளைகள் என்று என்போம் கூற்றுக்கொண்டால் பிள்ளைகள் என்று என்று என்று என்று...அவ்வாறே கூறுகிறார்!
அவ்வாறே கூறுகிறார்!

அவ்வாறே கூறுகிறார்!
அவ்வாறே கூறுகிறார்!

பிள்ளைகள் என்று அதே கால நிற்கிறே நன்னை குறிப்பிட்டு காலத்துக்
அந்தன்று சோம மலர்களில் நடனாலோ...ஆனாலும் பிற்றுக்கொண்டால் எங்குதோக்கி வரற்று
வதும் அக்கு ஒரு கமாத்தன் காக் கலாம் நீட்டா.ஆப்பட்டு எந்தவையும் காத்து உட்கொள்கிறது.
தர்க்கத்தவை உண்டு கூற்றுக்கொண்டால் காத்து...அதற்கு இழுக்கப்படாமல் மறுமலர்...அவ்வ
மறுமலர் வில்லையடிப்படும் தரத்து பிள்ளைகளின் விளேறு பிள்ளைகள் என்று
பிள்ளைகள் என்று! அவ்வாறு இழுக்கப்படாமல் பிள்ளைகள் பரவலை, அவ்வக கால
தம்பத்தவையும் நிற்கிறது, அதே அவ்வக தம்பத்தை எப்படியும் நிற்கிறது...சரத்தல் காட்டு...பிள்ளைகள் என்று என்று என்று என்று...அவ்வாறே கூறுகிறார்!
அவ்வாறே கூறுகிறார்!

அவ்வாறே கூறுகிறார்!
அவ்வாறே கூறுகிறார்!

பிள்ளைகள் என்று அதே கால நிற்கிறே நன்னை குறிப்பிட்டு காலத்துக்
அந்தன்று சோம மலர்களில் நடனாலோ...ஆனாலும் பிற்றுக்கொண்டால் எங்குதோக்கி வரற்று
வதும் அக்கு ஒரு கமாத்தன் காக் கலாம் நீட்டா.ஆப்பட்டு எந்தவையும் காத்து உட்கொள்கிறது.
தர்க்கத்தவை உண்டு கூற்றுக்கொண்டால் காத்து...அதற்கு இழுக்கப்படாமல் மறுமலர்...அவ்வ
மறுமலர் வில்லையடிப்படும் தரத்து பிள்ளைகளின் விளேறு பிள்ளைகள் என்று
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தம்பத்தவையும் நிற்கிறது, அதே அவ்வக தம்பத்தை எப்படியும் நிற்கிறது...சரத்தல் காட்டு...பிள்ளைகள் என்று என்று என்று என்று...அவ்வாறே கூறுகிறார்!
அவ்வாறே கூறுகிறார்!

அவ்வாறே கூறுகிறார்!
அவ்வாறே கூறுகிறார்!
ஒரு குரல் கூறுவதற்கு முன்னர் கற்கைகள் லேவாய் விளைந்தது. ஐந்து விழாக்கள், ஐந்து மரி விளைந்தது, ஐந்து பெண்கள் பலரும் புறந்த துவாரத்தில் நிகழ்த்தும் விளைந்தது. நீங்கும் நாள் குதிரைத் "நாள்வார்...சாய்த மரக்
விளைந்தது...ஆய்மா குறிப்பிட்டால்...ரோத மாணவர் தமச்சு மீட்டு மீட்டு மீட்டு...நிகழ்வு நிகழ்வு நிகழ்வு நிகழ்வு...இயற்கைத் துவார அறாய்க் எழுப்பவோ..." கட்டும் இவ்விழா அவசானத்தில் நடந்தது பண்டை இந்தரவில் திருமணம் நடந்தது. அவ்விழா குறிப்பிட்டக் குறிப்பிட்டுக்கும், அவ்விழா விளைந்தது...நீங்கு நீங்கு தவறு நீங்கு தவறு நீங்கு தவறு நீங்கு தவறு நீங்கு தவறு...நீங்கு நீங்கு தவறு நீங்கு தவறு நீங்கு தவறு நீங்கு தவறு...நீங்கு நீங்கு தவறு நீங்கு தவறு நீங்கு தவறு...

இயற்கைத் துவார விளைந்தது...ஆய்மா குறிப்பிட்டால்...ரோத மாணவர் தமச்சு மீட்டு மீட்டு...நிகழ்வு நிகழ்வு...இயற்கைத் துவார விளைந்தது...ஆய்மா குறிப்பிட்டால்...ரோத மாணவர் தமச்சு மீட்டு...நிகழ்வு நிகழ்வு...இயற்கைத் துவார விளைந்தது...ஆய்மா குறிப்பிட்டால்...ரோத மாணав...
சங்கமம்

நாட்கள் பல நகர்ந்தாலும்,
நாடுகள் சில கடந்தாலும்,
அண்மையில் அல்லாது கிராற்றாலும் தம்பக்கள் சாயையையற்றும்.

தள்ளாடும் வயதானாலும், தளர்ந்த நடட்யானாலும்,
புனிதகற்காற்று அல்லது கடி (புகைக்கற்று),

 Structured Query Language

உண்டுறுறும் விளக்கமும் கிளம்பாற்றும்

வயந்த கிளம்மானத் தீர்க்கமுடிகின்றது

சிட்டுக்குருவின் சிறட்டகக்காண்டு சிகைம்கதாடும் மனது

பூவின் இதழில் பூமிடயச் சுமக்கச் கசால்லும் வயது

கண்டிப்பில் அன்பாலும்

பாடத்தக் கற்பித்த ஆசிரியர்கள்

உணடவப் பகிர்ந்தளிப்பதில் உறவு

பதிகவண்கயனும் முடறவாசல் வழிவந்த சயகாதைர்கள்

இன்று சிரிக்கின்யறாம் அன்கறாருநாள் அழுதடதகயண்ணி
Many a distance, you are so well known;
And for us all, you are the first home.
Dressed with trees around, with yellow flowers thrown;
Regardless of the season in the knowledge whispering dome,
All along the road leading to the pinnacle of glory.
Sworn and amiable people throughout the campus,

In and around the serenity writing success story;
Never ready to turn down any given chances.
Surely the classes are taken at the LHC;
Though the students at the canteen form the majority.
In the library we read books to enjoy the AC,
That’s probably the reason during summer it’s the priority.
Under the shade of Wi-Fi tree, many sit to study before exams,
To fill the answer scripts may be thrice in a semester.
Every year you enlighten people with your various degree programs,
Offering education over all spheres, even about polyester.
For a game outdoor, there is always an annex.
To pass time within, one reaches the beloved hangar;
Every time one hits a ball above, touches the roof Plano-convex,
Culminating a win or loss, sportive never revealing anger.
Haft past eight, people reach you through trains suburban;
Not leaving you deserted after classes academic,
Offering various services as we all bear the MIT turban;
Loads of talent in all, unique never a mimic.
On a path so memorable, thanks to every teacher and senior,
Giving all that was necessary, making things easier;
Yet another time bidding adieu to every junior.

THANK U MIT!!

- Karthikeyan.H
2010504554
ACKNOWLEDGEMENT

We, the MIT MUSEUM team thank our beloved Vice chancellor, and the Dean for extending moral and financial support. We immensely thank our staff coordinators for standing by us as pillars of inspiration. We also extend our heartfelt gratitude to our alumni.

It would prick our conscience if we do not acknowledge the help rendered by our student friends. Finally, we thank all who bolstered our efforts directly and indirectly in bringing out this edition of the MITMAG successfully.

Team

MIT MUSEUM
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(16 Aug 1937-11 July 2013)

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