



MITAA NEWS

BANGALORE

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(FOR PRIVATE CIRCULATION ONLY)

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“You may get DELAYED to reach your Targets. But every step you take towards your target is EQUAL to Victory” - KARL MARX

A word from the President



Dear Co-Alumnus,
Season's Greetings,

The AGM held on 29th June 2008 marked the completion of one year since the present Executive Committee took over. The highlight in this meeting brought out glitters in the eyes of all those who were present. It also hailed the well thought out decision of honoring eminent seniors every year, starting from this year, the details of which are given inside.

The past one year has been an overly satisfying experience with lots of enriching and fun-filled activities. The executive committee members and the patrons have been extremely passionate and involved in strengthening the bond between the Alumni. Based on the initiative from the outcome of the last year AGM, our chapter has started raising corpus funds for REAP for the benefit of the students currently studying in MIT. It was indeed very nice and encouraging that during the AGM, Sri CS Ramachandran of the 1st Batch voluntarily donated Rs. 5,000/- to this REAP fund. While thanking all our contributing members, from the bottom of my heart, I wish to appeal to all the

other members to come forward and help us in accelerating the collection of funds for this noble cause. During the last year we had regular knowledge enhancing and thought stimulating lectures and workshops covering a range of topics from the dental care, entrepreneurs' discussions to leadership talks. We also took time to cool off our heels at Hogenakal. I am thankful to Smt.Suguna and Sri P.Swaminathan for sponsoring this issue of our newsletter. I hope more members will come forward to sponsor the future issues. I would like to bring to your notice and consideration, one point that emerged during the AGM. It is the imperative to focus our attention towards collection of subscriptions. We are now tending to dip into our reserves, which is not a healthy practice. I earnestly request every one of you to help in collecting the subscriptions.

We solicit your comments and feedback and look forward to your continued support to make this year more eventful.

With warm regards,
V Gopalakrishnan
v_gkrishnan@yahoo.com

NEWSLETTER IS SPONSORED BY Mrs & Mr P.SWAMINATHAN (T NO 37336 & T NO 37333)

BOOK-POST

TO

If undelivered please return to **MITAA - BC, AeSI Building, Suranjandas Road,
New Thippasandra Post, BANGALORE - 560 075**

MEETINGS

EXECUTIVE COMMITTEE MEETINGS



The Executive Committee met regularly on the second Friday of every month.

EVENTS



★ AGM

The AGM was held on 29 June 2008 at the AeSI building premises. It was attended by around 80 members and their families. It was a family get-together with business session held parallel. The day's proceedings started with children of the members participating in drawing competition. Simultaneously there was a quiz competition organized for the ladies. When the competitions were going on, members assembled together and there was an introduction of members. It started from the 1st batch and went up to 50th batch.

After that there was a dance program by daughters of Mr Saji and Mr Kannan. Mr Prem sang a song after that. There was a musical chair competition for the ladies while there was lemon and spoon race for the



children. While the games were going on, the business session of AGM started. President welcomed the gathering while secretary read out the annual report of the association. It was followed by the submission of audited accounts report of the association. The GB passed the audited accounts which was proposed by Shri K Tamilmani and seconded by Shri PNHS Mani.

Then the felicitation to the senior members and eminent MITians started. Gp Capt Murthy anchored the event. Firstly President felicitated Shri Krishnamurthy, 1st batch Elecs, with a shawl. A memento was presented by Mrs Bhima Rao. Shri



Krishnamurthy shared his thoughts with the members and thanked the association for felicitations.

Secondly vice president felicitated Shri CS Ramachandran, 1st batch Elecs, with a shawl while the memento was presented by Mrs Krishnamurthy. Shri CS Ramachandran thanked the association and shared his

happiness by saying a few words. Thirdly Shri KV Bhima Rao was felicitated with a



shawl by the secretary and Mrs PNHS Mani

handed over the memento.

Incidentally it was the 75th birthday of Shri KV Bhima Rao and he informed that it is the best gift he can get on his birthday.



Finally Shri K Tamilmani spoke about the future activities of the association which should focus more on organizing seminars to take care of the REAP scholarship. He also suggested organizing a felicitation to Prof Mannar Jawahar who has recently taken over as the vice chancellor of Anna University.

The AGM came to a close after Sri V.V.Tarvadi, Vice-President proposed a vote of thanks to the Chair, to all members present and to all those involved in conducting the AGM. The AGM was followed by lunch. The MITAA-BC places on record its thanks to Mrs Tarvadi, Mrs Anbuselvi, Mr Saji, Mr Kannan, Mr Kandasamy for organizing the children and ladies events during the AGM and get together. The association also thanks Shri Velvendan for sponsoring the lunch during the AGM and Shri J Ravishankar for sponsoring the felicitations of eminent MITians.

★ LEADERSHIP IN WIRED WORLD

On Sunday 08th June 2008, MITAA-BC organized a technical lecture in which Mr Ramnath delivered an interesting presentation on leadership for future. Following the formal welcome speech and introduction, the lecture covered the following.



The challenges to business today are three fold. The customers want products and services at:

- Lower Costs
- Better Quality
- Lesser Time.

The new paradigms for doing business in a wired world are:

- Global scales of operation
- Continuous Innovation
- Respect for knowledge workers.

The demands to deliver quality systems to global customers can only be achieved through Leadership and Innovation on a dynamic basis. To be able to understand this complex, challenging business world we put forward a step by step understanding of the realities and actions that leadership in organizations need to address.

a. Be in tune with the opportunities around.

The days of market share is now replaced by opportunity share. Success of organizations depends on how Leaders take advantage of the opportunities around them rather than focus on market share.

b. Technology and knowledge is way ahead of man.

Today, it would take an individual a life time to assimilate the knowledge available in the various websites. The knowledge available far out beats the individuals capability to assimilate them. Hence Leaders must manage change well. What matters is not change per se but the speed of change.

c. Dealing with Knowledge:

A process centric approach to deal with knowledge is a pre-requisite today. One must develop the necessary skill sets to demystify knowledge very systematically. Leaders must introspect through quality time

d. Inclusiveness of business:

Business has lost its geographical barriers. Leaders must look at creating environments where knowledge can survive without age barriers. It is this right environment that would enable the people of the organization to deliver positive outcomes, create strategies for the future of organizations.

e. Boundaries of Excellence:

Success of businesses is all about capabilities to deliver excellence consistently. To be able to achieve this, leaders must demonstrate utmost discipline at all times. Leaders must identify people in the organization to be able to take up leadership roles and work diligently towards excellence. The task is arduous but a start has to be made.

Finally he concluded by saying that nothing has changed in the role of leaders except that it is more dynamic and thus more demanding. In short, "Leaders must create an environment, enable your people, and empower them" success will follow.

The speaker is a Corporate Trainer and Management consultant in Hyderabad. He can be approached at monkeymindsramnath@gmail.com or at 09392472147

★ FAMILY DENTAL CARE

On Sunday 11th May 2008, MITAA-BC organized a family get together in which Dr Vidya delivered an interesting presentation on Family Dental Care. Following the welcome speech by the President



Dr. Vidya was introduced by JP. Dr. Vidya is a popular dentist having her clinic in South Bangalore which serves patients of all ages and economic brackets. Dr. Vidya is a Gold Medalist

from Hassan Dental College. In addition to running the clinic she delivers regular lectures on dental care at various institutions and organizations.

The presentation by Dr. Vidya started with an introduction to dentistry followed by anatomy of the tooth. She explained the sequence of growth of teeth at various ages. Though the topic was quite technical, her style of presentation with the help of good PPT made it interesting and understandable for all.

Following the introduction of the topic Dr. Vidya covered diseases of mouth classified as tooth, gum and other oral parts. She explained at length the common tooth decay, the most common problem of all especially the children, its causes, treatments and prevention. With the help of sketches and photographs Dr. Vidya explained the treatments such as filling using silver paste and ceramic mix. Other teeth problems like fracture, sensitivity, misalignment etc are discussed and after that treatment like Root Canal Treatment, braces, cleaning and polishing are explained.

The diseases related to gum such as bleeding, bad breath, pockets, etc are well explained. Lot of information was provided on replacement of lost teeth such as removable and fixed implants. Dr. Vidya gave maximum emphasis on educating the participants on preventing dental diseases by ensuring proper dental care. She insisted on proper brushing procedures, brushing twice a day, gargling after all meals, flossing and visiting the dentist every six months.

The presentation was made very lively and audiences were kept interested on the presentation for two hours from 10-30 am. She frequently kept asking questions to children which kept them very attentive. At the end of the presentation she conducted dental inspection for children. Elders also were participating actively by asking many questions and clarifying their doubts. After the presentation Dr. Vidya distributed free dental care kit to interested families.

This presentation by Dr. Vidya was appreciated by all participants as one of the most informative and useful program organized by MITAA Bangalore. This presentation was followed by a lunch.

The EC places on record the sincere thanks to Mr J Padmanabhan for organizing this event and giving this write up for the newsletter.

❖ PROPOSED EVENT

★ NATIONAL SEMINAR

The National Seminar on “Next Generation Wireless Technology and Applications”, originally planned to be held in April, has now been scheduled to be held in Sept-Oct 2008. The objective of the seminar, as intimated in our last newsletter, would be to show case Software Defined Radios, Wireless Technology for Short & Medium range Applications and WiMaX and beyond.

PROFILES

❖ EMINENT MITIAN

Dr. Murty V. Mantravadi, T51/IT, born in 1929, had educational and professional careers in India and United States and for a short period in Mexico. He obtained B.Sc. with majors in Mathematics, Physics and Chemistry from Andhra Christian College in Guntur, in 1949. He then obtained his Diploma in Instrument Technology (D.M.I.T.) from Madras Institute of Technology, Madras, in 1952. He was a lecturer at the same institute until 1955. He enrolled himself in the Ph.D program of Institute of Optics, University of Rochester, at Rochester, New York early in 1956 and earned a Ph.D. degree in Optical Engineering in 1959. From 1959 till 1964 he was on the faculty of the Institute of Optics teaching courses and doing research in Optical Testing, Interferometry, Geometrical and Physical Optics and lab courses. At the end of 1964, he came back to India and joined as Professor of Instrument Technology at MIT. In 1966, he moved to the Spectroscopy Division of Bhabha Atomic Research Center at Bombay, as the head of the Optics Section. From 1966-1982 Dr. Murty was involved in Optical Testing, setting up the optics shop, building various instruments for the Atomic Energy department, Spectroscopy and research. During this period Dr. Murty was also a visiting Professor



for short periods, to the Instituto Nacional de Astronomica, Opticay Electronica in Puebla, Mexico, to the University of Rochester Institute of Optics in Rochester, New York in 1973 and Centro de Investigacion en Optica in Leon, Mexico in 1980. While in Mexico, he collaborated with Dr. Daniel Malacara by contributing two chapters on Optical Testing and Interferometry to the book OPTICAL SHOP TESTING, edited by Dr. Malacara, a book with which many in the field may be familiar. In 1982 he left India and joined the Centro de Investigacion en Optica, Leon, Mexico as a professor and worked there till 1984. He came back to United States in 1984 and worked at Halo Technologies, Costa Mesa, California as Chief Scientist till 1986 and as Professor of Physics at Alabama A&M University at Huntsville, Alabama till 1987. He then joined Northrop Corporation, Southern California in 1987 as Research Engineer and retired from Northrop Grumman at the end of 1994. At Northrop, Dr. Murty was involved with testing programs, holography, etc.

Dr. Murty has presented, at various conferences and published in refereed journals such as JOSA, Applied Optics, SPIE Optical Engineering etc., more than 120 papers relating to Optical Testing,

Interferometry, diffraction, spectrometers, optical devices and gadgets, etc. He was the originator of the shear plate testing method to check for aberration and collimation of a laser beam. The method was devised almost immediately after the He-Ne laser was available in 1963 and the publication was made subsequently by him in Applied Optics. He has also developed over the years a topic which he calls OPTRICKS and it is based on his interest in optical phenomena which seem baffling at first but can be explained after some thought and the use of optical principles. Some of these are developed into a kit by his friend Donn Silberman and presented at shows specially intended for children at the local Discovery Science Center in Santa Ana, California.

Dr. Murty is a Fellow of Optical Society of America, a Fellow of the SPIE, a Fellow of the Indian Academy of Sciences and a Fellow of the Optical Society of India. He was recently made a Fellow of the Optical Society of Southern California(OSSC).

Dr. Murty Mantravadi lives with his wife Suryaprabha in Carson, California. He is available for occasional optical consulting. They have 6 children (three in eastern USA, one in Hyderabad, India and two close by in California.). His contact details are: Murty V Dr. Murty is a Fellow of Optical Society of America, a Fellow of the SPIE, a Fellow of the Indian Academy of Sciences and a Fellow of the Optical Society of India. He was recently made a Fellow of the Optical Society of Southern California(OSSC).

Dr. Murty Mantravadi lives with his wife Suryaprabha in Carson, California. He is available for occasional optical consulting. one in Hyderabad, India and two close by in California.). His contact details are: Murty V Mantravadi, 21610 Villa Pacifica Circle, Carson, California 90745-1737 . His e-mail address is collimate@yahoo.com

❖ SPONSOR



P. SWAMINATHAN , T. NO 37336 is having around 20 years of industrial experience in various fields that includes design and development of UHF

band Communication Transceiver for Fighter Aircrafts and maintenance of communication Systems (Switches and Microwave Stations) for Indian Railways. He has good exposure to LCA Aircraft Integration Activities and Software Development activities adhering to DO-178B and CENELEC EN 50128 Standards for safety critical systems with good knowledge on ISO 9001 and SEI-CMMi Level 5 processes.

He joined HAL Hyderabad as on-the-job Design Trainee on 17 Aug 1988. After successful training he was absorbed as

Engineer Aro .He had studied about different communication equipments that are designed and developed by HAL Hyderabad. He has developed a proto type RF Front End for the UHF transceiver for the Navy Version of communication Transceiver.

He joined Southern Railways in the month of Sep 1990 in the Signal and Telecommunication department .After his training on Telecommunication and Signaling systems used in Indian Railways at Indian Railways Institute for Signal and Telecommunication Engineers ,Secunderabad he was posted at Bangalore. During his service at Bangalore he was instrumental in expansion and modernization of telecommunication network of Southern Railways from Strowger type switches to Electronics exchanges and also the passenger amenities like display systems and annunciation systems.

He joined HAL,Bangalore in the year 1997 and was working in the Aircraft Integration Group of LCA project for 3 years .He has got good exposure to the Aircraft Integration activities and Sub system integration for a fighter aircraft .He had developed many test rigs used for communication systems. The test rigs were useful to test and clear the communication subsystem LRUs quickly and effectively for the Aircraft Integration and Flight Trials. The test rigs had reduced the trouble shooting time of the LRUs significantly during the Aircraft Integration Activities and Aircraft Engine Ground Runs.

He joined BAeHAL Software in the month of December 2000.He had undergone training in Software Quality Management Systems based on ISO 9001 that includes Certified Software Test Professional and Internal Auditor courses. He was involved in Software Engineering Process Group activities and headed the BAeHAL Software Ltd, SEI-CMM Level 5 certification in the year 2004.He was also working as a Project Manager from 2002 to 2004 for the Auto Pilot Software Development AFCS 167 that under went DO-178B Level A certification for ALH Civil Variant. He was taking care of the

Software Development Support activities of MMR group of HAL Hyderabad from 2001 to 2005 as a Project Manager. The support activities included the support for the flight trials and software updates.

He has joined L&T Infotech in the year 2005 as Senior Project Manager and has been working in the field of safety critical software development and testing for the Civil Avionics Systems and Railway domain using different levels of DO-178B and CENELEC EN 50128 standards.

He has received many appreciation and awards during his service in Southern Railways, BAeHAL Software Limited and also in L&T Infotech . He is preparing for the PMP certification. We wish him all the very best.

Mrs. S.SUGUNA T.NO 37333 is having around 17 years of industrial experience in Avionics filed at Aeronautical Development Agency .She joined ADA as Scientist B in the year 1991 and now working as Scientist E. She has been working in the Avionics Systems group and was responsible for the generation and maintenance of Avionics ICD for the different Avionics Sub systems of LCA using Oracle database. She has involved in different LRU development, upgrades and maintenance for LCA –Tejas aircraft. She is involved in post flight data analysis of different LRUs after each sortie of Tejas Aircraft test flight. She has participated in functional testing of various LRUs of Tejas aircraft. She has good experience in interaction with IAF for collection of Air Staff Requirements (ASR) and converting to Avionics System Specifications. She has good knowledge on MIL-STD-1553B protocol and analysis of bus load of Avionics Architecture of Tejas Aircraft. She has good experience in coordinating the development of different LRUs along with HAL Hyderabad, LRDE and private vendors.

**Their contact details are as follows,
Mrs.S.Suguna & Mr.P.Swaminathan
E Type Qtrs 11/2 DRDO Township,
Phase I , CV Raman Nagar, Bangalore -
560 093.**

NEWS ABOUT OUR MEMBERS AND THEIR FAMILIES

❖ SUBSCRIPTION

Alumni who have made the contributions towards the **REAP fund** for sponsoring needy students in MIT.



Dr Murthy, USA, Rs 5000/
Mrs J Anbuselvi, CRL, Rs 1000/-
Mr R Velvendan, HAL, Rs 1000/-
Mr TK Sampathkumaran, (Retd), GTRE, Rs 1000/
Mr MD Kesari, CRL, Rs 1000/-
Mr Acthuthakumar, CAIR, Rs 2000/-
Mr MS Ramamurthy, Former Staff, Rs 3000/
Mr S Krishnaswamy, Rtd. CE, CEMILAC, Rs 2000/
Mr M Subramanian, ISAC, Rs 1000/-
Mr ST Venkataramanan, ISAC, Rs 1000/-
Dr R Pandiyan, ISAC, Rs 1000/-
Mr TK Kailasam, Retd, Photophone, Rs 1000/-
Mr CS Ramesh, Rs 5000/-
Dr Brahma, CADES, Rs 2000/-
Mr R Wellington, HAL, Rs 5000/-
Alumni who have made the **one-time life membership payment**,
Mr Thomas K Joseph, ISAC,
Mr S Boopathy, CADES
Mr K Tamilmani, CE, CEMILAC

❖ WEDDING BELLS

Rang for

- Chi.Gautam, s/o Smt & Sri S.Venkatesh Murti, T 22080/Elcs who married Sow. Sireesha on 10th April 2008 in Hyderabad
- Sow.Anusha, d/o Smt & Sri G.S.Chandrasekharan, T 611/Elcs who married Chi. Kalicharan on 19th April 2008 in Bangalore.
- Chi.Hemanth, s/o Smt & Sri J.Padmanabhan, T 2154/Elcs who married Sow.Divya on 20th June 2008 in Bangalore.

We wish the newly wedded couples a long, happy and contented married life, with pink of health every day, all the days.

❖ NEWS FROM MITians

➤ NEWS FROM PARENT CHAPTER & CAMPUS

➤ We are proud to inform that Dr Mannar Jawahar, distinguished alumni of MIT (Auto) has taken over as Vice



Chancellor of Anna University. His T.No.is 24209/Auto.

➤ We are also proud to inform that Dr Joseph Stanley, 23rd Batch Aero has taken over as Dean of MIT.

➤ NEWS FROM OTHER CHAPTERS

➤ With deep sorrow we report the demise of Sri H. Nanjundan of 5th Batch, T436 on 27 June 2008 at Ooty. He had a massive heart attack. He started with L & T /ECC group and founded Jaisun & Hutchison along with another Alumni J. Venkatraman. The company before closure was involved in Construction and Panel manufacturing.

May his soul rest in peace in Heaven and May the Lord Give strength to his family to bear this great loss.

FOR THE KIND ATTENTION OF MEMBERS

Appeal :

The Executive Committee of MITAA, Bangalore Chapter appeals to all Members to contribute to Refundable Educational Assistance Programme fund detailed in our earlier issues, liberally and speedily and be a proud part of this worthy assistance programme, remembering with gratefulness all that our Alma Mater has given us. The contributions made to this und is being /will be acknowledged and names of the Donors will be published in our News letter and also in our Website “www.mitaabc.org “ The Committee also requests members to put aside a few moments of their valuable time for this noble cause to meet other people to get donations for the Fund.

Those who have not paid their subscription are, hereby, requested to do so at the earliest. Members may send their subscriptions by a cheque drawn in favour of “**Madras Institute of Technology Alumni Association, Bangalore Chapter**”.

PLEASE SEND THE ONE TIME PAYMENT OF Rs. 2,000 AND AVOID THE INCONVENIENCE OF PAYING Rs. 200 EVERY YEAR.

Executive Committee

FAMILY GET TOGETHER - 29th JUNE 2008

