



MITAA NEWS BANGALORE

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(FOR PRIVATE CIRCULATION ONLY)

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“ Competition brings out the best in products and the worst in people - David Sarnoff ”

A Word from the President



Dear Co-Alumnus,

Season's Greetings.

Warm wishes to all the members and their families. Wish you all a very happy and prosperous New Year 2007. As you read through this newsletter, you will see that as usual the association is busy and continues to conduct the planned events regularly. To say a few, the association arranged a nice outing to Kodai and on the technical front, it successfully organized a one-day workshop on Smart Structures. I request all the members to give their valuable feedback on these activities and propose some new activities to the EC members. This will greatly help the EC to restructure, modify and improve our working and programmes.

This year also, there was a request from Parent Chapter and Dean, MIT asking for

sponsorship for the needy students. This time also it was Shri V Narayanasamy and Shri J Padmanabhan who readily agreed to donate the sponsorship. I sincerely request all the alumni members to donate liberally to the fund opened exclusively for this purpose. We have put more details and some of the contributors for this fund inside this newsletter. It would be hard to support the students from next year onwards if we do not get enough fund.

Advance Greetings to you and family for a joyous Pongal / Sankranti / Baisaki.

I sign off by wishing once again all the members a happy new year and a great year ahead for the association.

With kind regards,
Sincerely yours,
CU Hari
cuhari@hotmail.com



Warm Greetings &
Best Wishes for Happy New Year - 2007



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



★ Trip to Kodaikanal

It was a welcome holiday for members and their family, with joy, that too to KODAIKANAL (a wonderful place). First-of-all, the choice of place was a very good one. And the trip was very well organized. A group of around 40 left Bangalore on 3rd Nov by train, Tuticorin Express at 9.15 pm, reaching Kodai Road Railway Station. by 6.45 am next day. After a wash and a sumptuous breakfast in Fantasy Hotel on the way, we



reached the peaceful Kodaikanal by 10.30 am and the resort at about 10.50 and checked into our respective rooms in the J's Heritage Resort. The day was cloudy with light drizzle, now and then. But this did not dampen the spirit of the group. We set out and went sight seeing, which included places like Coaker's Walk, The Pillar Rock, Chettiar Park and Green Valley View etc. But the scenery's were a balanced diet for mind and body. The valley, with a thick cover of cloud below, presented a lovely sight, rare to be seen. A real positive environment was established.

By nightfall, the Weather God started smiling and the campfire was lit and we enjoyed singing and dancing around it. Then going indoors, we played, what has now become an unailing part of MITAA-BC programmes, tambola, which was followed by a few other games.

And for the next day (i.e., 5th Nov):
*"The song you sing and the smile you wear,
That's making the sunshine everywhere."*

This was most appropriate as we had a darshan of "Sun" (after the very cold and chill 4th). The day started with a visit to the Kurunji Andavar Temple. We were indeed very lucky. The KURUNJI flower, a small lovely one, light violet in color, blooms only once in 12 yrs and



this year it had bloomed. A fascinating sight



it was. (It will bloom next only in 2018). After breakfast at the resort, we enjoyed boating with Kodai's very own beauty of nature. Here again we feasted on the beautiful sight of the multitude kurunji flowers. The waterfalls, Silver Cascade, we had been

to, were channels of nature's prestigious possession. It was as though nature itself was held in solemn stillness...save the sound of music of the torrential cascades. Coming down the hills, and having lunch in Bathlagundu, we reached Madurai by 3.45 pm, in time for the temple gates to open. We all had a great darshan of Madurai Meenakshi Amman, Sundareswarar and other deities. Leaving Madurai by train at 7.40 pm, reached Bangalore by 7 am on 6th Nov., with packed dinner being served in the compartment.

Last but not the least, about the food. The food for our physical needs too was stimulating the taste buds.

Standing at the threshold of nature, we were given an opportunity to make a fresh start to live in harmony with the nature at the IT bustling city-our very own BANGALORE. We now get to see less of greenery and more of technologically driven software parks! Fortunately, we were taken to the heart of beauty of nature, from where we could bring the flora and the aura to our homes.

Ms.Kapila, daughter of Sri.T. Sundaramurthy, contributed the above write-up and we express our thanks to her.

❖ **Workshop on Smart Structures**

AeSI, Bangalore Branch and our association jointly organized a one-day workshop on Smart Structures on 2 December, 2006 at AeSI Auditorium.

The workshop was a successful event with around 60 delegates from various defence establishments, public sectors units, private industries and academic institutions participating from various parts of the country. Shri T Mohana Rao, Director, GTRE inaugurated the workshop and the keynote address was delivered by Dr Gangan Pratap, Scientist in Charge, CMMACS. The inaugural

function was followed by three technical sessions covering the themes on Smart Structures and Materials, Smart Structures in MEMS and other applications. The first technical session on Smart Structures in MEMS and other applications was chaired by Mr Kanchan Biswas, AD-CEMILAC and coordinated by Mr VV Tarvadi. This session had three invited talks given by Dr K Balakrishna, GM-RWRDC, HAL, Bangalore on "Approach to application of smart material to dynamic systems of helicopters", Prof Rudrapratap of mechanical engineering department of IISc, Bangalore on "MEMS applications" and Mr Nagasayanu of BEL, Bangalore on "Design and Development of RF-MEMS"

The other two sessions covered Smart Materials and Structures in two parts. The second session of the day was chaired by Shri S. Krishnasamy, former CE-CEMILAC and was coordinated by Dr. K.K. Brahma. The session also had three invited talks covering "Use of Smart Structures in Aerospace" by Dr Gajbir Singh of CADES, "Smart Structures – Active Noise Control" by Dr. S.V. Narasimhan of NAL and "MEMS Structures by Dr. M. Natarajan from NPOL, Kochi.

The third session which covered the part – II of smart structures and materials had three invited talks - - Dr. N.C. Bhat , Group Director, ISAC, Bangalore talking on "Smart Materials and its applications to space missions", Dr. K. Vijayaraju of ADA talking on "Smart Sensors and its bio-medical applications" and Dr. Anupam Singh from Civil Engineering department of IISc talking on "Modelling and simulation for smart structure applications"

The workshop was well attended and all the participants gave a good feedback. The EC places on record the efforts put by the organizing committee of workshop and volunteers, who worked for the success of the workshop.

PROFILES

EMINENT MITIAN



Ramabhadran Aravamudan, DMIT(Hons)/936/ Elecs, was born in Madras in 1937. He had his early education at PS High School in Mylapore and graduated in Physics from the Madras Christian College in 1957. When he

graduated in Electronics from the Madras Institute of Technology in 1960, he passed out with honours, standing first among the students of that year. He was directly recruited into the Department of Atomic Energy where he worked in the field of reactor control and simulation until 1962.

Sri. Aravamudan was the first of Dr. Vikram Sarabhai's handpicked engineers to join India's space programme, which was yet to start. That was in the year 1962. He was sent to NASA in Washington for training in rocketry and ground support. When he came back to Trivandrum in 1963, he and his young colleagues faced the tremendous task of sowing the seeds for space technology in India. This most complex subject in the world was, till then, a closely guarded secret of USA and the erstwhile Soviet Union.

Sri. Aravamudan, who was instrumental in making the Thumba Equatorial Rocket Launching Station (TERLS) operational, soon took over as its Director. During this period he also took on the responsibility of building India's first civilian indigenous Tracking Radars. Six such radar systems, built under the Radar Development Programme, even today form the backbone of ISRO's launch facility.

ISRO's Systems Reliability activities were also initiated and organized by Sri. Aravamudan, initially at the Vikram Sarabhai Space Centre (VSSC), Trivandrum. He took on the responsibility of organizing ISRO Reliability (ISREL), the complex ISRO

level reliability programme crucial to space activity. During this period he became Associate Director of VSSC and was actively involved in this premier institution's Launch Vehicle Programme. Later he spent five years as Director of the Sriharikota Launching Station (SHAR), and during his tenure, SHAR was transformed into a world-class satellite port. In 1994, he took over as Director of the ISRO Satellite Centre in Bangalore. Under his leadership, ISAC successfully launched seven spacecraft of various classes from different parts of the world.

Even after his retirement in 1997, Sri Aravamudan has been actively associated with the various programmes of ISRO as Chairman/ Member of various review bodies like Pre Shipment Review Committees of Space craft, Mission Readiness Review Committees for Launch Vehicles, Advisor, Reliability and Safety System Design, ISRO (till January 2000), etc. He has been member of Search Committees for the appointment of Directors of ISRO Centers, Units etc. and continues to be the Chairman of the ISRO level Work Study Group to advise Chairman ISRO on the manpower additions to various ISRO Units and Centers. He is also the Hon. Advisor, ISRO Headquarters. He was appointed Chairman of the High Level National Committee for investigating the fatal accident at the Solid Propellant Booster Plant at Sriharikota in Feb 2004. He has been a member of Committees advising President ASI on the selection of the Aryabhata Awardees, ASI Awardees etc.

Besides his total involvement with every technological detail of India's space activity, Sri. Aravamudan was also responsible for manpower recruitment and human resource development in the early years. Engineers and scientists recruited and trained by him now play important and responsible roles in ISRO.

During his thirty-four year tenure with the Space Department, Sri. Aravamudan has had rich and unparalleled experience in every sphere of space technology. He has helped to translate a mere dream into a vibrant and successful programme, which has become integral to the country's growth.

Sri. Aravamudan is one of the very few DMIT(Hons) from MIT. His career has been one of leadership, vision, hard work and above all fulfillment. Every one of us is proud of him and we look up to him for inspiration and motivation.

He is married to Ms. Gita who is a journalist. Their two sons Ananth and Sriram and daughter-in-law Shuba are software engineers working in Bangalore. He lives in RMV Extension, Bangalore and his e-mail address is gitadan@yahoo.com

NEWS ABOUT OUR MEMBERS AND THEIR FAMILIES



❖ DIRECTORY DATE

Name & T.No.	New Address/Tel.No.
Sri.Unnikrishnan M DMIT/734/Auto	19/163/2, Surya Apts.POOTHOLE- 680 004 Thirussur, Kerala Mob: 9495137173, email:unni_123 @yahoo.com

❖ SUBSCRIPTIONS AND CONTRIBUTIONS TO CORPUS FUNDS

- ◆ Alumni who have made the **one-time payment** of Rs. 2000 towards subscription.
Sri M. Unnikrishnan, DMIT/734/Auto
Sri K.K. Nayak, DMIT/871/Elcs
Sri S. Ramanathan, B.Tech/33109/Aero
Sri S. Chandravel, DMIT/23rd Batch/Aero
- ◆ Alumni who have made the contributions towards Education Fund.

Sri J Padmanabhan, T2154/Elcs
Sri V Narayanasamy, T32322/Elcs
Sri CU Hari, T2102/Aero
Sri KV Bhima Rao, T201/Elcs
Sri TK Sundaramurthy, T26121/Aero
Sri D Saji, T36114/Aero
Sri PNHS Mani, T1138/Elcs

❖ OBITUARY

- Sri.R.S.Purushothaman, 1st batch, DMIT/50/Elcs passed away on 25th.Nov 2006. After an illustrious career in AIR, where

he had worked initially in the maintenance of various stations and later in the Planning and Development Unit and Project offices, he retired as Superintending Engineer, High Power Transmitters, All India Radio, Avadi and had settled down in VVPuram, Basavanagudi, Bangalore. He took a lot of interest in the working of our Chapter and had come to our Picnic to Kaiwar, in spite of failing health.

- Sri.K.B.Medappa, DMIT/12th batch/IT passed away on 1st Nov., at a Hospital in Hyderabad and his body was laid to rest on the 2nd Nov 06 at Coorg. Mr.Medappa was heading M/s.Kerry Jost Tools Limited (KJTL) in Ambattur Industrial Estate, Chennai as Director, till 1999, when KJTL wound up their activities and shifted some of their activities to their parent company, M/s.Jost's Engineering Company Limited (JECL) in Mumbai. Sri. K.B.Medappa will be remembered for the help he has rendered to a number of MITians. He had recruited good no. of MIT fresh graduates and they are all in very good position. A past President of MITAA, Parent Chapter, Sri. Medappa was awarded the Best Alumnus Award for 12th batch. We, at Bangalore, were shocked to learn of the demise of Sri Medhappa. That is not the age to die. He had visited us a no. of times and we had had interesting interactions with him, on various matters while he was President MITAA.

- Mrs. Anandavalli Janardanan, aged 81 years, beloved mother of Sri J. Padmanabhan, T2154/Elcs passed away in Bangalore on 13- 12-2006.

- Sri M.D. Parthasarathy, aged 86 years, beloved father of Sri H.D. Kesari, ME/120/Elcs passed away in Bangalore on 7-11-2006.

May the departed souls rest in peace. We send our condolences to the bereaved families.

❖ AWARDS AND ACHIEVEMENTS

Sri Dataram Mishra, B.Tech/33102/ Aero, MD & CEO, CADES has been conferred with the Udyog Rattan Award for outstanding performance in the field of

industrial development. The award instituted by the Institute of Economic Studies was conferred on him on 22nd May 2006.

Sri Mishra also received the Arch of Excellence (Business) Award for Individual achievements and Nation building awarded by the All India Achievers' Conference on 1st August 2006.

We send our hearty congratulations to him and we wish him many more

❖ MOVEMENTS

❑ Sri Unnikrishnan M, DMIT/734/Auto left Bangalore and moved permanently to his hometown, Thirussur. His new address is 19/163/2, Surya Apts., POOTHOLE-680 004, Thirussur, Kerala.

❑ Sri J. Dinesh Babu, T971309/Elcs of the 50th Batch has resigned from Daimler Chrysler R & T, India and would be joining IDIAP, Switzerland to do his PhD in machine learning.

NEWS FROM PARENT CHAPTER AND CAMPUS

President, Parent Chapter, Sri.N.Ramachandran, would like to inform all members that this year we have been able to collect Rs.1.50 lakhs from the members of the Parent chapter, Bangalore chapter and Singapore chapter for providing scholarships to needy students. The response from the members has been very good for this noble cause.

Our Parent Chapter had arranged a Lecture Meeting on Nutrition at the Hegde Hall, Anna University, Alumni Club at 7.30 PM on Sunday the 15th October 2006. Dr. (Mrs.) Gomathy Shivaji Ph.D, Principal Co-ordinator, Centre for Nutrition-Counselling, Research and Extension activities, Women's Christian College, Chennai addressed the gathering on General Nutrition. It was attended by members and their families. This was followed by dinner.

☞ The Anna University honored Sri. K B Chandrasekar of 32nd batch by conferring on him an Honorary Doctorate on the 6th Nov '06. This is a great honour. He is the 2nd DMIT to be so honored after Dr. APJ Abdul Kalam. The Parent Chapter drew up a nice

instrumental in establishing the Au-KBC Research Centre in the MIT Campus, which is doing excellent research work.

☞ An INTERNATIONAL CONFERENCE ON SIGNAL PROCESSING, COMMUNICATIONS AND NETWORKING from 22nd to 24th Feb 2007 (ICSCN 2007-February 22-24) is being organized by the Department of Electronics, AU-KBC Research Center, Madras Institute of Technology, Jointly with Departments in the faculty of Information and Communication Engineering, Anna University and Technical co-sponsored by IEEE & IETE. The Conference aims to bring together innovative academics, researchers and industrial experts in the field of communications, IT, networking and allied fields to a common forum, for a constructive dialog on theoretical concepts and practical ideas. The objective of this conference is to provide a forum for researchers to present the state-of-the-art work of theirs.

Practicing Engineers, Scientists from R & D Institutions, Faculty members of engineering colleges, research scholars and postgraduate students are expected to participate in this conference.

Details about the conference are available in www.icscn.org (or) www.annauniv.edu/icscn2007. Pre Conference Tutorials will be held on 22nd Feb 2007

Address for Correspondence:
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FOR THE KIND ATTENTION OF MEMBERS

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" to Sri.D.Paramasivam, 311, 14th.Main, RMV Extension, Bangalore- 560 080 (Tel.No.23612527). PLEASE SEND THE ONE TIME PAYMENT OF Rs 2000 AND AVOID THE INCONVENIENCE OF PAYING Rs. 200 EVERY YEAR.

Important: Also, newsletters and directory of members are being uploaded in the association web site. Members are requested to view the membership directory and provide the feedback regarding the changes and addition of the

members whom you are in touch with. The web address is www.mitaabc.org. Any change/ discrepancy in the directory of members can be emailed to the secretary Shri V Narayanasamy (vns@infoscript.soft.net) who is maintaining the web site.

FUND FOR SUPPORTING TUITION FEES THE STUDENTS OF MIT, ANNA UNIVERSITY, CHENNAI

It is brought to the notice of the members that a fund has been opened by the association in order to support the tuition fees of the needy students of MIT. Every year request is coming from Parent Chapter and Dean in this regard. Parent Chapter and Singapore chapter are supporting some students and requested our chapter to

support some. Shri J Padmanabhan and Shri V Narayanasamy have taken the lead and have donated the first two years fees, for one student each. For the next years, the association plans to support by requesting donations for this fund. Hence, we sincerely request the members to donate liberally for this noble cause.

All the alumni are requested to provide information regarding the achievements of the self and family members for coverage in the newsletter for information and inspiration to others.

Members are requested to provide the information about the publications and participation by presentation of papers in the national and international conferences for coverage in the Newsletter.

Executive Committee

WORKSHOP ON SMART STRUCTURES



Inaugurating the Workshop

Hall is full with Delegates



Team behind the success

KODAI TRIP



Ready for sight seeing



Waiting eagerly for the turn at Boat Club



Enjoying the boating



At Silver Cascade