



# MITAA NEWS

## BANGALORE

VOL. 16: No. 4

(FOR PRIVATE CIRCULATION ONLY)

JAN - JUN 2011

*"A smile is a curve that sets everything straight"*

### *A Word from the President...*

Dear Co-Alumnus,

Season's Greetings.

Our Chapter had successfully organised an evening lecture, a family get-together and a National Seminar on 'Emerging Trends in Instrumentation Technology (ETIT-2011)' - which addressed the various fields in Instrumentation Engineering and Technology, during June 2011, the like of which was not done earlier by our Chapter. This program was a grand success with participation from DRDO Labs, PSUs, ISRO, NAL & private industries.

During the month of May, a few members of our Chapter & their families went on a planned tour to Singapore & Malaysia. Our Chapter interacted very closely with the Hyderabad Chapter in the recent past and the meetings with me and our patron, Mr Bhima Rao were very fruitful. They have expressed their earnest desire to take up more and more inter-chapter activities. Our Chapter had also

participated in the Parent Chapter and MIT activities, the details of which are given in this Newsletter. I would like to assure our continued support to them in all their endeavours.

Our Chapter has plans to organise picnics and evening lectures in the coming months. It is also planned to hold the AGM on 28 Aug 2011. A formal Notice in this regard will be issued shortly. I hope a large number of members would attend the AGM with useful contributions, making the event memorable.

I wish all the Members, their families a great time ahead.

Warm regards,

V Gopalakrishnan  
v\_gkrishnan@yahoo.com  
Ph: + 91 99800 99011

**This Newsletter is sponsored by Sri Dataram Mishra, T. No. 33102/Aero**

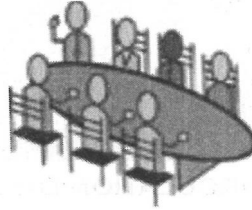
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## MEETINGS

### EXECUTIVE COMMITTEE MEETINGS



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

### **Visit of Shri Ramaseshu and Shri V Venkataraman**

The Executive Committee Members met Shri K. Ramaseshu, 2<sup>nd</sup> Batch (Electronics) and Shri V Venkataraman, 3<sup>rd</sup> Batch (Electronics) at AeSI Building on 8<sup>th</sup> April 2011. Shri Ramaseshu, a Member of our Chapter from its initial days, retired from BEL and moved to USA and is currently settled there. Both of them shared their experiences and views on the alumni and Chapters. Sri Venkataraman made a few suggestions regarding motivating youngsters in their careers.

## EVENTS



### **National Seminar on “Emerging Trends in Instrumentation Technology-ETIT2011”**

MITAA-BC conducted a one day National Seminar on **Emerging Trends in Instrumentation Technology (ETIT-2011)**, on 06 June 2011 at AeSI Building Premises, Bangalore, India as part of organizing technical seminars.

The objective of the seminar was to bring together an array of technologists, analysts, academicians, and business leaders in the areas of Aerospace, Automobile and Industrial Applications and discuss the impact of Emerging Trends in Instrumentation Technology. The inaugural function commenced traditionally with an invocation song to seek the Blessings of the Almighty for smooth conduct of the seminar. Sri MV Kannan, Vice-President, MITAA-BC welcomed the gathering and the distinguished dignitaries. Sri C Sambandam gave a bird's eye

view of the seminar to the participants. The seminar was inaugurated by Shri PS Krishnan, DS & Director, ADE and the keynote address was delivered by Shri R Krishnamoorthy, Sr DGM, L&T Integrated Engineering Services. Sri V Narayanasamy, Secretary, MITAA-BC proposed the vote of thanks on behalf of the Association.

The seminar had three technical sessions covering topics on 'Instrumentation Technology for Aerospace Applications', 'Instrumentation Technology for Defence Applications' and 'Instrumentation Technology – Academia and Industry Perspective'. Each session had three speakers from DRDO, IAF, ADA, HAL, MIT and industries viz. Agilent technologies, LCS Controls, Mahindra Satyam, and United Avionics Pvt Ltd. Each session was well conducted by three eminent session chairmen namely Sri K Krishnasamy, Former CE, CEMILAC, Sri NP Rama Subba Rao, Former Director, LRDE and Sri Sampath Kumaran, Sc G (Retd), GTRE. The technical sessions were well coordinated by Sri Rajagopal, Sri Arunachalam and Sri Sambandam. The seminar was supported by sponsors namely L&T Integrated Engineering Services, Grintex, Park Controls Pvt Ltd, National Instruments, United Avionics, Agilent Technologies, LCS Controls and Webstar software Pvt Ltd. The seminar was a grand success with 75 delegates participating and deliberating.

MITAA-BC places on record its sincere thanks to Dr K Tamilmani, DS & CE-CEMILAC for giving directions, unstinted guidance and support for organizing this seminar. It also appreciates the efforts of Sri Swaminathan, Convener and Sri Ramanathan, Co-Convener for their untiring efforts. The efforts of Advisory Committee Members, Organizing Committee Members and the support of other Members also are appreciated

- Input from Shri S Rajagopal

## INVITED LECTURE ON “LEADERSHIP INGREDIENTS - BEYOND VISION AND MISSION” BY DR T S KRISHNAMURTHY- VICE PRESIDENT, ENGINEERING DESIGN SERVICES, WIPRO TECHNOLOGIES

On Wednesday 12<sup>th</sup> Jan 2011, MITAA-BC organized an evening lecture on “*Leadership Ingredients - Beyond Vision and Mission*”, a current topic of immense interest and importance and also of great use for all Senior Executives. It was delivered by **Dr T S Krishnamurthy**, an eminent Speaker. He is from the 26<sup>th</sup> Batch of MIT (T26107/Aero), and is presently the Vice - President, Engineering Design Services, Wipro Technologies. Our Newsletter, Volume16, No. 4, Oct-Dec 2010, carried the profile of Dr Krishnamurthy, under the column 'Eminent MITIAN'. The gathering was welcomed by President, Mr V Gopalakrishnan and the Speaker was introduced by Mr M V Kannan, Vice-President.

Dr Krishnamurthy covered the most important attributes (Strategic, Operational, and Emotional) for effective leadership in simple terms. The nucleus of his talk was on “I” in “You” and Networking. The talk was very illuminative and drew a great degree of interaction from the audience. The talk was attended by a good number of our Members.

### SINGAPORE AND MALAYSIA TRIP

MITAA-BC decided on a tour of Singapore and Malaysia during the last AGM and Shri P Swaminathan took the initiative to contact the tour operators to get the best proposal. Later Shri V K Kannan also joined with him. Initially about ten families expressed their willingness to participate in the tour. However due to postponement of the programme and other personal reasons many members backed out. Finally two Members, Shri K P Achutha Kumar (22<sup>nd</sup> Batch) and Shri V K Kannan (35<sup>th</sup> Batch) and their families made the trip.

### A Report from Shri K P Achutha Kumar and Shri V K Kannan

We had a wonderful, exciting and thrilling tour of

Singapore and Malaysia for a week. We did have a memorable stay in Genting Highlands ( Hill Stn) at KL and enjoyed Indoor and Outdoor Theme Park, and the City Tour in KL. At Singapore, we visited the beautiful Bird Park and the live show ( Birds executing orders from their masters), Sentosa Island ( Dolphin Show, Song of the Sea - a dancing fountain) , Singapore Flier ( a bird's eye view of nearby countries and islands), Universal Studios (some film shooting like 4D film live experience).

We made a brief get-together at our Hotel in Singapore with two MITians Ms Sundaravalli( 35<sup>TH</sup> batch) and Mr Jeyachandran( 44<sup>th</sup> batch). We had lunch together in Hotel Anantha Bhawan, next to Mustafaa Shopping Centre.

## PROFILES

### • EMINENT MITIAN



Prof V Kanagarajan, T 1903/Aero, presently Prof KAV Pandalai Chair in MIT, after passing out of MIT in 1970, obtained his M Tech in Aerospace Engineering from IIT, Madras in 1972.

He joined NAL, Bangalore as Scientist 'B' in January

1973 and retired as Scientist 'G', in March 2005, after serving the organization more than three decades in various capacities. He has specialized in theoretical and experimental aerodynamics and fluid dynamics in subsonic, transonic, supersonic and hypersonic speeds. He has worked in high speed wind tunnels including facility development, calibration and modernization. He was Project Leader for more than 30 wind tunnel testing programs covering Aircraft, Missiles and Space programs of the country.

He was heading the National Trisomic Aerodynamics Facilities (NTAF) at NAL and implemented ISO 2000 procedures. He was an active Member of Prof Roddam Narasimha Committee on 'Future Facilities for the Country' to look after large hypersonic wind tunnel and shock tunnel requirements. He received the NAL Outstanding Performance Award in 1987 for

executing many time-bound and complex wind tunnel testing projects of National Importance. He was the Technical Advisor to Director, NAL during 2005. Prof Kanagarajan was a Visiting Scientist to DFVLR, West Germany during Jan-Nov 1987 and has visited many Aerospace Test Centers in Brazil, Canada, France, Germany, South Africa, UK, USA and USSR in connection with facility design and development. He was the Indian representative of Supersonic Tunnel Association International (STAI), USA during 2003-05.

He has published many Technical Papers in National and International Conferences in the area of Wind Tunnel Testing. During his career he has interacted with eminent personalities like Dr A P J Abdul Kalam, Prof Roddam Narasimha and Dr Kota Harinarayana.

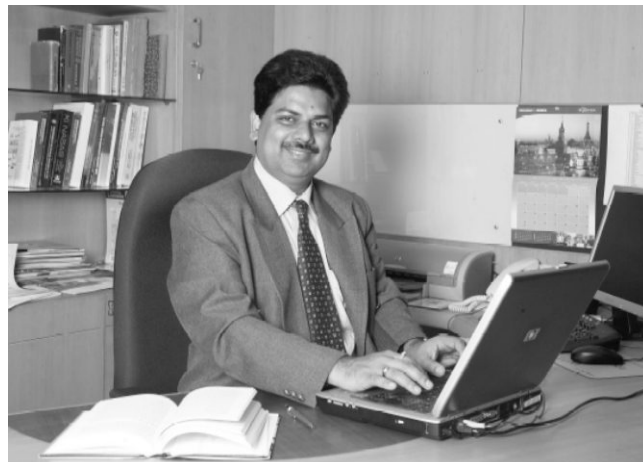
He was nominated as Chair Person of 'Prof KAV Pandalai Memorial AR&DB Chair' at Department of Aerospace, MIT, Chennai from November 2007, where he is presently working. He has given valuable guidance in establishing 'High Temperature Material Characterization Centre, funded by DRDO at the Aerospace Department. He also provided technical advice to refurbish and upgrade Large Low Speed Tunnel with modern equipments. He is providing guidance for UG and PG students for their Aircraft Design and final year Thesis/Projects. He is delivering special lectures for PG students in the field of High Speed Wind Tunnel testing and Missile & Launch Vehicles aerodynamics. He has received "Life Time Achievement" award from Flow Physics Society during 2010. With his vast experience and knowledge in the field of Aeronautics spread over more than three decades, his presence in Department of Aerospace, MIT campus is a great advantage to the student community. Prof Kanagarajan, by his work and dedication, inspires everyone who works with him and is a role model for all youngsters.

His present contact details:

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## ● SPONSOR



**Sri Dataram Mishra**

*Greatness is not in where we stand, but in what direction we are moving. We must sail sometimes with the wind and sometimes against it -- but sail we must and not drift, nor stay at anchor—*

## EDUCATION

Mr. Dataram Mishra holds an Engineering degree (B Tech) In Aeronautical Engineering from Madras Institute of Technology (Anna University, Chennai) and Master in Engineering (M E) (Aerospace Engineering) from the Indian Institute of Science, Bangalore.

## INITIAL KICK UP: [1986-1994]

Mr. Mishra spent a brief period during the initial years of his career with DRDO (Defence Research Development Organisation) and subsequently moved to HAL (Hindustan Aeronautics Limited). He was with HAL for over 9 years during which tenure he was a key member of the team which designed and developed the Advanced Light Helicopter (Dhruv). Mr. Mishra played active roles in the Design and Analysis of the ALH, working closely with Technical experts from MBB, Germany (Currently Eurocopter, Deutschland).

## THE TURNING POINT: [1994 – 2004]

Mr. Mishra was convinced that leveraging the strong technology domain, coupled with advanced engineering software tools can make India a global

engineering powerhouse. This, he envisioned, is only possible if the Indian Industry is provided access to the tools and technologies, software and computing platform, which are used by the global industry leaders. His clear vision and strong conviction led him to move towards being a leader & entrepreneur, when he took over as General Manager and moved to the Board as the Director-Operations of a Bangalore based Engineering Software organization, CSM Software Ltd, focusing on CAD/CAM/CAE/CFD/PLM technologies. It was also during this period that Mr. Mishra had brought many new technologies like CAE, CFD (Computational Fluid Dynamics) & commercial software tools to India, marking a transition to using globally recognized software tools for Indian Industries.

### **THE RENAISSANCE: [2004-2009]**

Mr. Mishra is always looking for new challenges & responsibilities. Long before the Indian Industry realized the importance of “Design Anywhere - Build Anywhere” concept by using advanced software tools, consulting and global delivery / outsourcing methodologies, Mr. Mishra had already convinced the global industry about the benefits of the same. With a very clear plan and vision, he joined hands with a private equity venture capital firm and took over as the **Managing Director & CEO** of CADES. His vision was to create a globally recognized high technology organization from India and provide knowledge based Engineering services to Aerospace, Defense, Automotive and Manufacturing Industries. CADES has been successful in pioneering the effort in transcending India's image from being a Low-Cost Entity to being the High-Technology and High Value knowledge base. Mr. Mishra built a team of over 400 strong engineers & Technology Experts in a span of 5 years. With a cumulative experience of over 3000 Man-Years within the Company .

### **CURRENT TRENDS :[ 2009 onwards]**

Mr Mishra promoted CHIVARO Group, an Engineering Product development group comprising companies in Technology services in Engineering and Enterprise domain, Aerospace and Defence product development, Energy system development and an education initiative for skill and competency development. He is currently the Chairman & Managing Director of the CHIVARO group and CEO of Chivaro Technologies.

Mr. Mishra intends to make CHIVARO a truly globally recognized Engineering and Product Development organization focusing on developing Technologies, Products, process & people.

### **Interests & Hobbies**

In his free time, which is very little, he likes spending time with his family. He lives in Bangalore with his wife Ms. Uma & two kids ( Daughter Upasana & son Abhishek). A strong sports enthusiast, he also spends time in being involved in social and spiritual activities. A pragmatic man with strong fundamental values, he believes that “No matter what you've done for yourself or for humanity, if you can't look back on having given love and attention to your own family, friends and society what have you really accomplished?”

### **AWARDS & RECOGNITION:**

He has received many awards and honors for his outstanding contribution in Technology and Business Management to the Indian and Global Industry. Some of them are:

- Udyog Ratan Award
- Rashtriya Nirman Gold Award
- Vikas Rattan Award & Gold Medal.
- Rajiv Gandhi Shiromani Award
- National Status Award for Intellectual Development from Indian Organisation for Commerce & Industry
- Indira Gandhi Sadbhavna Award
- Arch of Excellence – (Business Award).
- Rashtriya Shiromani Award
- Rashtriya Samman Purskar.
- Indira Gandhi Memorial Achievement Award
- Life Time Achievement & Gold Medal from India International council for Industries and Trade.
- International Achiever's Award for Corporate Leadership
- National Business Leadership Award from Indian Society for Industry & Intellectual Development.
- Rashtriya Gaurav Rattan Award
- Kohinoor of India Award – Sept 2010 ( most recent one)

## NEWS ABOUT OUR MEMBERS AND THEIR FAMILIES

### ❖ OBITUARY

It is with deep regret, we inform that

- Air Commodore Suresh K Sitaram, (Retd), T 1267/Aero, passed away in Hyderabad on 9.3.2011 due to a heart ailment. He retired from Air force as Air Commodore and was teaching Avionics in MIT for a while.
- Sri A K Kaul, (Avtar Kishen Kaul), T1441/Elcs, passed away in the early hours of 28<sup>th</sup> March 2011 at Hyderabad. His classmate and close friend Sri D C Galada writes, " He remains serious and hard on surface always but had a butter like soft heart. He immensely loved his family and friends and was a top performer at ECIL. He loved his job, colleagues and the country. He was proud of his remarkable career and his contributions to the motherland. He used to sing, K L Sehgal, Talat, and Mukesh songs and he, I, Goyal and families shared several occasions singing together. He was a loving father and boss."
- Mother of Sri C U Hari, Patron, MITAA-BC passed away on 29<sup>th</sup> April after a short ailment at Thiruvananthapuram.

May their souls rest in peace in Heaven. We pray 'May the Lord give strength to their families to bear this great loss'.

## WEDDING BELLS



rang for

- ◆ Chi Pavan Kumar son of Dr R Gopalan, T 26110/Aero and Sow Theja, who were married on 8.5.2011 in Bangalore.
- ◆ Sow Kavitha daughter of Sri D Paramasivam, 9<sup>th</sup> Batch (Elecs) and Chi Anguraj, who were married on 5.6.2011 in Salem.

We wish the newlywed couples the very best in life.

### ❖ MOVEMENTS

- ◆ Sri Thirugnana Sambandam, TNo. 44122, B Tech and ME Aero joined ADA, Bangalore as Scientist "E". He was previously working in CABS, DRDO as Scientist and moved to ARDC, HAL as Senior Manager (Design).
- ◆ Shri M V Kannan, T 22010/ Aero joined M/s Grintex India Ltd as Vice President, Technical Services - Aerospace & Defence in Bangalore.
- ◆ Ms Gowri Sankari, MS from MIT, joined Honeywell, Madurai and is moving there. Her new email id and contact details are [k.gowri.sankari@honeywell.com](mailto:k.gowri.sankari@honeywell.com) (0) 94441 03877 (TN), (0) 97425 90045 (BGL)

### ❖ SUBSCRIPTION

Alumni who have made the one-time Life Membership payment

Shri K B Venkatraman, T 24339 (Electronics), Associate Director, DARE, Bangalore.

### ❖ DIRECTORY UPDATE

C.Thirugnana Sambandam  
1<sup>st</sup> Cross, Kagadasapura Main Road  
C V Raman Nagar, Bangalore 560 093  
Contact No: + 91 80 2524 0265, + 91 94485 84648  
Email: [samba.scientist@gmail.com](mailto:samba.scientist@gmail.com)

## NEWS FROM CAMPUS AND PARENT CHAPTER

- ◆ Prof S Narasimhan (Former HOD, Aero Faculty, MIT) Endowment Lecture was delivered by Shri T Ponnurangam (MIT, Aero 1994), Head, Wind & Site, Gamesa Wind Turbine Limited, Chennai on 4th February 2011 at 3 PM at Rajam Hall, MIT. A get-together with faculty members was also arranged that evening. It was attended by Shri R Arunachalam, EC member who happened to be in MIT for delivering guest lectures for ME students at Aero Faculty. Others present during this occasion were former Professors Dr P Bhaskar and Dr K Padmanabhan.
- ◆ Shri C Rajam Memorial Endowment Lecture, on Founder's Day, Institute Day & Alumni Day Celebrations was held on Friday, the 18th March 2011 at Rajam Hall, MIT. **Dr S Shanmugavel**, Registrar, Anna University was awarded the Outstanding Alumnus Award on that occasion. He delivered the Sri C Rajam Memorial Endowment Lecture for this year. Vice-Chancellor, Anna University, Dr Jawahar Mannar, a Distinguished MITian, presided. The Chief Guest was Sri K Shanker, MD, Technip India Ltd., Chennai. Following the normal practice of honouring a distinguished alumnus of MIT, Dr Stanley Joseph from the 23<sup>rd</sup> Batch/Aero, Dean MIT, was honoured this year.
- ◆ MIT Museum, an initiative of the students in MIT, headed by Sri P Balamurugan of the IV year/Elecs, was inaugurated by Dr P Mannar Jawahar, Vice-Chancellor, Anna University, in MIT campus on 18<sup>th</sup> March 2011. MIT Museum portrays the pride of MIT through its displays, wall hangings, photos, videos, models etc... Your one trip to MIT Museum will take you through its history and making. The museum is having rare photographs of the founders, significant moments and the growth of the 62 years old Madras Institute of Technology, Chromepet. Please do visit it when you go to Chennai next. Also contribution to the Museum is welcome.

- ◆ Dr N S Venkataraman, Former Director, MIT instituted two prizes at MIT by contributing Rs.50,000/-

1. To the outgoing student of ME in Aeronautical Engineering who secures the maximum Aggregate Marks.
2. To the outgoing student of ME in Avionics who secures the maximum Aggregate Marks.

- ◆ Dr A Joseph Stanley, 23<sup>rd</sup> Batch Aero, Dean, MIT retired from service on superannuation on 31<sup>st</sup> May 2011.

## NEWS FROM OTHER CHAPTERS

### Visit of Shri K V Bhima Rao, Patron and Shri V Gopalakrishnan, President, to Hyderabad:

Our Patron, Shri K V Bhima Rao, T 201/Elecs and President, Shri V Gopalakrishnan visited Hyderabad during Dec 2010-Feb 2011. They took the opportunity to meet the Members of the Hyderabad Chapter.

The Chapter organized a Meeting on 26<sup>th</sup> Jan 2011 in Mr. Gaffar's office, mainly for meeting Sri Gopalakrishnan, who was there on a short visit. He briefed them about the activities of MITAA-BC, our Seminars and REAP. He answered several queries from the Members present. Shri Bhima Rao also attended this meeting.

Later on February 20<sup>th</sup>, they organised a get-together at DLMI, Kanchanbagh, Hyderabad. 36 Members, three of them with their families, attended the meet. Secretary of MITAA-H, Shri T Shailendra welcomed all the Members and briefed them about the purpose of the get-together. He then introduced Shri Bhima Rao and requested him to speak about the activities of our Chapter. Shri Bhima Rao gave in brief, the history of MIT Alumni Association from its inception as MIT Old Boys Association in Oct 1966. He then described how the MITAA Bangalore Chapter was formed in Oct 1971, its growth since then and the present activities of MITAA, Bangalore Chapter- Technical Seminar held once a year, the Executive Committee Meeting once every month and a Family Get-together once in 3 or 4 months, evening lectures on technical as well as on non-technical subjects of interest to members and their families.

He also informed as to how our Chapter generates the revenue for its working through conducting National Seminars and Conferences in collaboration with the Aeronautical Society of India, Bangalore; Computer Society of India, Bangalore and other professional bodies, in addition to collecting subscriptions. Many of the seniors in Bangalore who are holding key positions in big companies and government organizations show a lot of interest in the Association activities. They voluntarily take part in various capacities in all the Association activities. It is this dedication along with the enthusiastic involvement and unstinted support of a number of junior Members that lies behind the secret behind the success of MITAA-Bangalore. He also made a few suggestions, based on our experience in Bangalore, which could be of help to them in furthering their activities. This was followed by a lively and useful discussion on various points of mutual interest. This visit and earlier visit by our President have benefitted both the Chapters and their members. At the end, Shri Bhima Rao was felicitated by the Chapter. Shri M V S Suryakanth Rao, President, MITAA-H offered flower bouquet and also presented a book titled **"What got you here, won't get you there"**. Shri K Ramesh, Member, Hyderabad Chapter offered a flower bouquet, and Shri A Ganapati Ram, Vice President of the Chapter offered a shawl.



Hyderabad Chapter Get together



EC Members with Shri Ramaseshu and Shri V Venkataraman

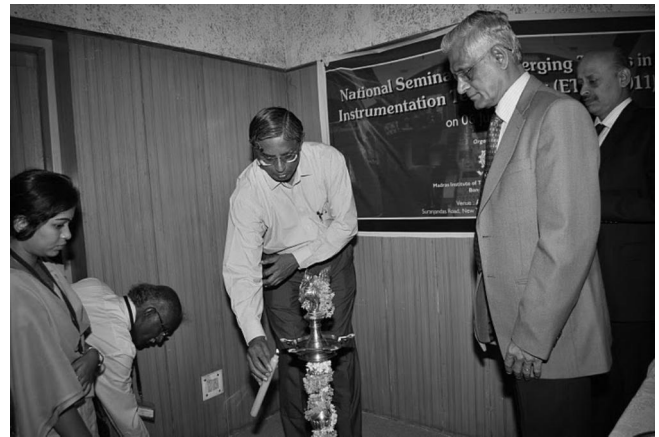
- Shri Bhima Rao, during this visit, also called on Dr A V Ranga Rao, along with members of MITAA-H, on 31<sup>st</sup> Dec 2010, which was Dr Rao's 83<sup>rd</sup> birthday. The members of the Chapter felicitated him on the occasion. Dr Ranga Rao was a Lecturer in Aero Faculty during the initial days of MIT and is now settled down in Hyderabad after retiring from DRDL. Both Smt & Shri Ranga Rao were very happy and touched by this gesture.
- He also called on Dr R N Agarwal along with a few Hyderabad Chapter Members. It was a happy occasion and reminiscences of his visit to our Chapter during our Silver Jubilee celebrations were recalled.



Dr A.V.Ranga Rao's felicitation at Hyderabad



Dr.T.S.Krishnamurthy delivering the talk



Lighting of Lamp by chief Guest Mr.P.S.Krishnan



MIT Museum-(Courtesy "The Hindu")



Delegates during the session



ETIT2001- Dignitaries on the dais



Technical presentation



Team MITAA-BC



Reunion of 14<sup>th</sup> Batch at Bangalore on 16<sup>th</sup> June 2011



Achuth Kumar , Kannan and their families.



MITAA-BC MEMBERS AND THEIR FAMILIES  
WITH SINGAPORE MITian