



# IISc Alumni

Newsletter of IISc Alumni Association

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## Inauguration of Talent Development Centre at Challakere

The Inaugural function of Talent Development Centre was held on February 26, 2011 at Challakere Campus – Chitradurga District. It was a very significant and historic event of IISc.

The welcome address and information about the second campus was given by Prof. B.N. Raghunandan, Divisional Chairman, Centre for Earth & Environmental Sciences. The Chief Guest, Sri B.S. Yeddyurappa, Hon'ble Chief Minister of Karnataka, Inaugurated the Centre. Prof. P. Balaram, Director, Indian Institute of Science, addressed the gathering. Sri N.Y. Gopala Krishna, Hon'ble MLA, Molakalmuru, presided over the function and Sri G. Karunakara Reddy, Hon'ble Minister for Revenue and District-in-charge, Govt. of Karnataka, was the Distinguished Guest.



The newly launched Talent Development Centre (TDC) will not only benefit teachers in Chitradurga, but it will also be the Science Hub of the future, said Professor P. Balaram, Director, IISc. "Teachers across the state will be trained in a residential training programme and their skills will be updated so that science education reaches grass root levels. Apart from which an energy research centre and a water resources engineering centre are on the anvil. Also in the pipeline is a synchrotron, (a high energy electron accelerator) over a 100 acre area within the campus, which will attract researchers not only from the country but from across the world" – the Director elaborated about the centre. Thanking Yeddyurappa for agreeing to allocate funds for the 1 MW solar power project in the campus, Prof. Balaram termed science



and technology as the key driver in the development of the country, during the speech he also recollected the development of IISc and the long journey of the premier institution.

The focus of the Talent Development Centre (TDC) would be to train high school teachers of science stream in 10 batches and each batch will have 100 trainees. The first batch of trainees were from Chitradurga. All the teachers of other districts of the state will be trained in phases. The teachers of the first batch were thrilled by the programme and the response was overwhelming. Two teachers were applauded for the best maintenance of laboratory manual during the 10 day training programme. They also expressed their desire to visit the lab as often as possible preferably with their students and show them what they should do.

The Office Bearers of IISc. Alumni Association attended this Inaugural Function.



### Upcoming event

The Solid State and Structural Chemistry Unit (SSCU), IISc, is organising an International Conference on the Chemistry of the Organic Solid State (ICCOSS) 26-30 June, 2011 at Faculty Hall, IISc. For details, visit : <http://www.iccoss2011.com>

## President's Message

Dear Colleagues

I, as President of the IIScAA have completed two years after I have taken over as the President in month of April, 2009. It has been very satisfying to see the hard work put in by my Team. The Association is now visible to all and the various activities initiated by us have been very well appreciated by one and all. It is also very gratifying to note that these initiatives are being sustained. Now, since we have the Association on a firm footing, it is time for us to move forward.

In my opinion the main objective of our Association should be one of Networking and Fellowship. For this, setting up of our proposed Alumni Centre is very important. We are hopeful that the Institute authorities recognise the need for such a centre and earmark suitable land in the Campus.

You may recall that in the previous News Letter I have called for an awakening among our members regarding the rampant Corruption in our Society and I am glad to note that one of our respected Senior Leaders, Sri Anna Hazare has taken up this issue on a war footing. Let us salute the great man and let us join in this movement, to liberate our country from corruption.

K.R. Srinivasan

## Editorial

Every person wants success in his/her endeavour. While pursuing the work, one shall always introspect the effort one is putting and the sincerity with which it is put. Success is never achieved by the size of the brain, but it is always achieved by the size of one's thoughts and sincere effort. What about the difficulties, obstacles, and failure in the path of glory? One can't avoid them. It is not the failure, but correction that is step to success. So, accept the failure and resurrect. Success is a wonderful thing, but the value of failure cannot be underestimated. Failure can also teach many more things. It is not the place of falling that is important but the place of slipping. Success may not depend on making important decisions quickly, but surely on quick action on important decisions. Patience and perseverance are very important, and comparison is unimportant.

One shall not define the failure by looking someone's success, and one's success by someone's failure. It is individual. It is a matter of handling the worst and still finishing the race. Success cannot be measured by the position someone has reached in life, but the obstacles he/she has overcome while trying to succeed. The success thus achieved after a wait will last long. Most used alphabet 'A' doesn't appear in spell of 1 to 999. It appears first time in 1000 and continues forever. Most successful person is the one who acknowledges the team work and attributes it as a team success. Success always follows the work. The dictionary is the only place where success comes before work.

K.S. Rajanandam

## News from the Alumni Cell

### Symposium Organized:



Following the success of the Breakfast Meeting during March 2009 with the IISc alumni working in GE, GE-IISc Symposium on Sustainable Energy was held at the Faculty Hall on 11-Oct-2010. This helped our students to get exposed to the latest GE technologies.

Prof. N Balakrishnan, Associate Director, addressed the alumni during the Inaugural Session following which ten top executives from GE and ten senior faculty members from IISc made presentations on their Research activities. The alumnus from GE felt it was a wonderful event to come back to the verdant IISc campus. The energy and motivation amongst the participants were quite high. This meeting is expected to serve as a fantastic starting point for future collaborative efforts between IISc and GE. This has also motivated Alumni Cell to work closely with other organizations/industries in bringing the Alumni to the campus for mutual benefit.

### Contributions from Alumni :

Donation (US\$ 3000.00) received by Alumni cell from Dr. Arkal Shenoy and Dr. Vasanthi Shenoy through IISc AANA was transferred to IISc library for getting the latest Scientific and Technical information useful to faculty and students.

Dr. Shenoy and Dr. Vasanthi visited IISc during Dec'2010 and met the librarian to have an update regarding their donation and promised to pool more donations from US.

### MoU's with Universities:

With the help of alumni employed in Rice University an MoU between IISc and Rice University has been signed for exchange of faculty and students and for establishing scientific collaborations.

MOUs with other universities such as North Carolina Agricultural and Technical (NCA&T) State University, Greensboro, NC, USA, Twente University in Netherlands and Univ of Loughborough, UK are in the pipeline.

### Faculty Meetings with Distinguished Alumni:



Dr. R. Chidambaram, PSA to Govt. of India visited Alumni Cell office on 5th Jan-2011 and interacted with faculty interested in taking up challenging National programs in Automotive and Manufacturing sectors

Professors B N Raghunandan, Rahul Pandit, Sudhakar Rao, Anindya Deb, B

Gurumoorthy, Dasappa and S Mohan attended the meeting. Prof. S Mohan welcomed the Members, introduced them to Dr. Chidambaram and requested them to highlight their areas of expertise. Prof. B N Raghunandan explained Dr. Chidambaram about the activities that are being carried out in the area of Combustion. He also emphasized on the Joint Proposal submitted by IISc and IITM.

Prof. Dasappa and Prof. Sudhakar Rao briefed about the work being carried out in the area of Gasification.

Dr. R Chidambaram enquired about the steps taken to improve combustion in Biomass. Prof. Sitharam highlighted the activities of CISTUP.

He explained the various roles being taken up by CISTUP in coordination with Govt of Karnataka like inter-modal transportation pushing for Commuter Rail and the studies being carried out around Bangalore City for Socio Economic and Techno Value. Prof. Mohan gave some examples of various programmes like B-Trac and Koyembedu Bus Terminus in Chennai.

Prof. Gurumoorthy and Dr. Anindya Deb explained about the Product Design activities that are being carried out in their department. Prof. Gurumoorthy said that they have submitted a proposal covering the areas such as Green management, Vision for fast inspection and Conventional manipulation for mesoscale techniques.

Dr. Chidambaram suggested to Prof. Sudhakar and Prof. Dasappa that funds are available under National Water Mission program. He also advised them to come out with the broad specifications including water contamination problems and asked them to be in touch with him for follow up.

Prof. Mohan thanked all the members for being present and Dr. Chidambaram was later taken for a tour to CISTUP.

S. Mohan

## SnT Run 2011



Indian Institute of Science hosted the third version of Science and Technology Run (SnT Run) on Sunday, 6th March, 2011. The event was jointly organized by the Students' Council and IISc Alumni Association. The participants in this event covered a wide spectrum ranging from the IISc fraternity and alumni, corporates from "Silicon Valley" of India, students from science and engineering colleges across Bangalore, to the local people who were enthusiastic about running for Science and Technology. The previous two editions in 2008 and 2010 were quite successful, witnessing a participation of over 1500 and this year's edition saw the number of participants cross 2000. Proceedings started with a welcome address by Dr K R Srinivasan, President IISc Alumni Association and convener of the SnT Run 2011. Guests of honour included names like athletes, Mrs Reeth Abraham, Mrs Ashwini Nachappa and Mr Najeeb Aga. Prof. P. Balaram, and Prof. N. Balakrishnan graced the occasion with their presence. The event was sponsored by IBM, GE, PRDC, Integramicro, Bharat Electronics, supported by Maini Group, Rajasthan Patrika and Bangalore Schools Sports Foundation. The rules and regulations and the technical part of the event was managed by Elvis Joseph from Bangalore Schools Sports Foundation. The events lined up this year were, a 10km mini-marathon, 5km Fun Run, Children's (<15>55 years of age) of 2km and a 5x1km corporate relay. The various categories of the runs were flagged off by the guests of honour.

The event went off as planned and was conducted in an almost perfect and glitch free manner. The event was well received by the



participants and there was no lack of enthusiasm in the crowd as was evident from the never ending applicants at the registration desk.

Students' Council thanks the innumerable volunteers for their selfless efforts and support that helped make sure that the event went off smoothly.

Special mention must be made of the efforts of the Environmental Initiatives Committee of the Students' Council and the associated volunteers who made sure that the littering on campus during the event was kept to a minimum. We can say with certainty that at the end of the event, we have left the campus in the same litter free state it was in at the start of the event. We thank the participants for adhering to the no littering rule and for making use of the dustbins placed at regular intervals.



A new concept introduced this year was the BoF Session (BoF – Birds of a Feather). Derived from the phrase “Birds of a feather flock together”, BoF sessions involve informal discussion groups that are formed spontaneously. The participants with shared interests gather under a placard (stating their interest) and carry out discussions without any pre planned agenda. The aim of the BoF sessions this year was to provide an opportunity to outsiders to get to know the institute better by interacting with its students, alumni and faculty in a comfortable and relaxed environment. There were 3 BoF platforms namely – Students BoF (about courses in the institute, pursuing research in institutes of higher learning, BS programme at IISc), Corporate BoF (to discuss existing association of corporates with the institute, scope for future collaboration, continuing education programmes at the institute) and Alumni BoF (interaction between alumni and current IISc community). Prof Narahari (CSA) and Prof Iyer (MGMT) kindly volunteered to be present during the BoF sessions and we thank them for their invaluable advice and guidance during the discussions.

After the event, the feedback from the participants widely proclaimed the third edition of the SnT Run as a very well organized one.

## Awards & Achievements

1. Solid State and Structural Chemistry Unit (SSCU), IISc :
  - Prof. A.K. Shukla - Alumni Award for Excellence in Research for Science for the year 2011.
  - Prof. T.N. Guru Row - J.C. Bose National Fellowship by the Department of Science & Technology.
2. Dr. L. N. Satapathy, Senior Manager/ BHEL and Joint Secretary, IISc. Alumni Association, was presented the Prof. Sasadhar Ray Memorial Award 2010 for Industrial Excellence by Indian Ceramic Society in its 74th annual session at Kolkata on 11th January 2011. This is the third award of Dr. Satapathy from the Society: earlier he was awarded Dr. RL Thakur Memorial Award for Young scientist in the year 2002 and later Malaviya Award for best research paper in the year 2008. He is the first such recipient in the history of the society by winning three awards in a span of 10 years.
3. Dr. More Ramulu { Scientist Gr IV(4), Rock excavation & Blasting Engineering, Central Institute of Mining & Fuel Research, Regional Centre (Ministry of S&T), NAGPUR }, an alumnus of IISc, received the National Design Award in Mining Engineering - 2010 from NATIONAL DESIGN AND RESEARCH FORUM OF THE INSTITUTION OF ENGINEERS (INDIA). The award was presented at the Inaugural Session of the 25th Indian Engineering Congress held at Kochi, Kerala on December 17, 2010. This is a prestigious and coveted national award in Engineering Field.

## IIScAA Activities

Dear Members,

Greetings and Best Wishes from IISc. Alumni Association.

The Ninth and Tenth Lectures of "IIScAA Science Forum – Popular Lecture Series" were delivered by Dr. Gorur Govinda Raju and Prof. K. J. Rao respectively.

We greatly acknowledge the generous contribution of Rs.1,05,000/- towards the Corpus Fund of IISc. Alumni Association by Dr. Gagan Rath, an alumnus of the Institute (Master's and Ph.D. degrees from the Department of Electrical Communication Engineering at IISc in 1993 and 1999 respectively) and currently working as a Visiting Professor at the International Institute of Information Technology in Bangalore (IIIT-B).

We welcome the following new Members enrolled from 1st December 2010 to 28th February 2011 :

Mr. Chaitanya N	Mr. Paras Mehta
Mr. B. R. Satish Rao	Ms. Bharde Madhumita Sunil
Mr. D.S. Joginder Singh Dhillon	Mr. Kalyan B
Dr. Ramanathan Natash	Dr. Diptikanta Swain

Dr. Manoj Kumar Panda  
 Dr. K. Nandakumar  
 Dr. Hemanth Thayyullathil  
 Dr. P. S. Suresh  
 Dr. Arunakumari Garaga  
 Dr. G. Ranga Rao  
 Mr. Ishwar Arjun Lohar  
 Mr. Meghshyam P. Shisode  
 Mr. Mayuresh Prakash Kunjir  
 Mr. Avik Santra  
 Dr. Raja Raja Varma Murari  
 Mr. Ganesh Hassan Shankar  
 Dr. Venkatramana D. K  
 Mr. Kashyap Vasudevan  
 Mr. Hassan Kamal  
 Mr. Pavankumar Sridharan  
 Dr. K. Chidananda Gowda  
 Mr. Sathyajit B

Dr. H. Vasantha Kumar Shetty  
 Dr. Prashant Misra  
 Ms. Suja Saraswathy  
 Dr. M. P. Rajendra  
 Dr. Anuradha NS  
 Mr. Menhadi Hasan  
 Mr. Achyut Bhure  
 Mr. Mangesh D. Pujari  
 Mr. Mahesh Rajesham Bale  
 Mr. Raghav Ghaiee  
 Dr. Murthy LN Remilla  
 Mr. Vikas G  
 Dr. Madhu Gopinathan  
 Dr. More Ramulu  
 Mr. Amanulla Khan  
 Dr. Bishnu Prasad Das  
 Mr. Anand Gadiyar  
 Dr. Suparna Sen

H. K. Anasuya Devi

### IIScAA Science Forum – Popular Lecture Series

The Ninth Lecture was delivered by Dr. Gorur Govinda Raju, Emeritus Professor, Department of Electrical and Computer Engineering, University of Windsor, Canada, on "Are we ready for the next black out?" on January 1, 2011 at the Faculty Hall, IISc.

Sri N. Murugesan, Director General, CPRI, Bangalore, was the Moderator for this Lecture.

The Tenth Lecture was delivered by Prof. K. J. Rao, Emeritus Professor, Solid State and Structural Chemistry Unit, IISc, Bangalore and Senior Ramanna Fellow, Department of Science & Technology, India on "Chemistry of Beauty, that is Glass" on February 5, 2011 at the Faculty Hall, IISc.

Prof. K.T. Jacob, INAE Distinguished Professor & IISc Honorary Professor, Department of Materials Engineering, was the Moderator for this Lecture.

H. R. Parthasarathy



### Chennai Chapter information

IISc Alumni Association, Chennai chapter had a breakfast meet on January 8, 2011 in IIT Chennai campus. Prof. N. S. Venkataraman, Former Director, MIT, Chennai and a well known personality in aerospace engineering delivered a lecture on "TECHNOLOGY AS A VEHICLE OF DEVELOPMENT FOR A STRONG INDIA". Dr. Venkataraman was in Aeronautics Dept of IISc from 1960 to 1966.

The next breakfast meet was held on February 5, 2011 in IIT Chennai campus and Dr. G. Rangarajan (Ex-Physics Dept, IISc and IIT Chennai) delivered a talk on : 'Some Reminiscences of my IISc days'

S. Chandrasekhar

### How to become a Member

An Alumnus can become a life member of the IISc Alumni Association by submitting an application along with the required fee. The fee details and other formalities are as follows :

1. Rs. 5000/- towards Life Membership and ID Card (India) – One Time Payment Only.
2. US\$ 300 towards Life Membership and ID Card ( Overseas ) – One Time Payment Only.
3. Rs. 3000/- towards Associate Membership (IISc Faculty only).
4. Cheque payment – it should be made payable to "IISc Alumni Association". In case of outstation cheque Rs. 25/- to be added towards bank commission charges.
5. Two Photographs for issuing ID Card.
6. Membership fee can also be paid through online payment gateway at [www.iiscbaa.org](http://www.iiscbaa.org)

Please send your application to the General Secretary  
 Alumni Association, IISc, Bangalore - 560 012

### In fond memory of Prof. B. S. Ramakrishna

We place it on record our sincere gratitude to the Distinguished Guru Prof. B. S. Ramakrishna for his invaluable contribution towards the growth and Development of ECE as Chairman & Divisional Chairman of Electrical Sciences, Centre for Information Processing. He has guided several Ph.D. students to international fame. He was responsible in designing acoustics for our Faculty Hall at IISc. May his soul rest in peace.



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