



IISc Alumni

Newsletter of IISc Alumni Association

Volume 3 | Issue 3 | September 2010

Tribute to Prof. Mrs. Rajeswari Chatterjee a Great Teacher, a True and active Alumnus, a great Philanthropist par excellence

Decades have passed, but the memory of my long association as a student of Prof. Mrs. Rajeswari Chatterjee has not faded. I feel very sad that she is not with us any more.

She as a great teacher and guide had a tremendous influence on my academic career and personal life too. I remember her quite often because she made me what I am today. I learnt from her not only electromagnetics related engineering but also a lot about life which helped me greatly in building my overall personality.

When I joined the ECE Department as a research student under her guidance, I was almost a village girl without even knowing to conduct myself in a sophisticated way. I used to barge into her room with incomplete experimental results and faulty computations in a hurry to get praised from her. Instead, she used to make such critical remarks which had a deep impact on me in shaping myself to become a proper student of hers. She being basically a mathematician, she would not, at any cost, compromise on accuracy and exactness. She used to make me build up better experimental setup and repeat the experiments till I get results which would satisfy her. This type of training she gave me helped me in guiding my students later when I became a faculty member in the ECE department.

I feel I should mention this particularly: It was Jan 1971 that my father died. My thesis was not yet ready. I was just unable to do any work further. It is at this time of my immense sorrow that she gave me such a support and advise, it is unforgettable. The way she spoke that I have a long way to go and lot of responsibilities laying in front of me, gave me lot of strength. She prescribed "work therapy" for me, I mean she gave a lot of work to be completed in a short of time. This assignment made me conclude that scientific work is the greatest pleasure of life.

Those who contribute to the good of the Society in one way or the other do not die. They live in the work they did and ideas they propagated. So our beloved Madam lives in her students.

TO MADAM WITH LOVE

T. S. Vedavathy
Professor, ECE Department



BIO-DATA of Prof. (Mrs) Rajeswari Chatterjee

Mrs. Rajeswari Chatterjee was born on 24th January 1922 and left the world on 2nd September 2010. She retired from Electrical Communication Engineering Department, Indian Institute of Science as a distinguished professor. Indeed she was a highly accomplished lady and a role model for many youngsters. She did a Ph.D. in Electrical Engineering from University of Michigan, U.S.A., during 1953, besides M.Sc. from Mysore University in 1943 and M.S.E. (Elec. Engineering), University of Michigan, U.S.A., in 1949. She was a fellow of many professional societies like IERE, London, IE, India, IETE, India. She won several medals and awards; to mention a few, she won M.T. Narayana Iyengar Prize from University of Mysore in 1943, Mountbatten Prize for best research paper, IERE, London. Her services at Indian Institute of Science are remarkable and noteworthy. She served in various capacities as Lecturer, Asst. Prof., Professor from 1953 to 1982. She guided ME, BE and Ph.D. Students.

Upcoming Events

1. Sixth Science Forum Lecture : "The Tragedy of the Indian Adivasis" by Dr. Ramachandra Guha on September 18, 2010 at 4 p.m. in the Faculty Hall, IISc
2. Seventh Science Forum Lecture: "Life and the Brain" by Dr. Vijayalakshmi Ravindranath on October 09, 2010 at 4 p.m. in the Faculty Hall, IISc.
2. The Indian Institute of Metals (IIM) and Bangalore Chapter of IIM in association with IIM Chapters at Surathkal and Vijaynagar and with Indian Institute of Science, Bangalore, is organizing 48th National Metallurgists Day – 64th Annual Technical Meeting during 14 - 16 November 2010 at National Science Seminar Complex, IISc, Bangalore. For more details visit : <http://2010.nmd-atm.net/>

President's Message

Dear Colleagues and Friends

When we were about to go to the press for printing this edition of the News Letter in the 1st week of September 2010, we heard the news of the sad demise of our beloved Teacher and Guru Prof. Mrs. Rajeswari Chatterjee. It is a great loss particularly for the IIScAA, as she was so much close to our Association and she was the great guiding spirit for the Association. In spite of her age and health, she always made a point to attend all the programme and activities of the Association. Her contribution towards the IISc Centenary celebration was highly commendable.

I had the pleasure of working with her very closely both at IISc and at our Association. Last time I met her about a month back, she asked me whether I was successful in getting the land from the IISc for our proposed Alumni Center. When I mentioned that so far I had not succeeded, she asked me not to get discouraged and pursue the matter with the Director and she was confident that we will eventually succeed. I hope her dream comes true.

She along with her husband Prof. S.K. Chatterjee, had contributed so much to the IISc as well as to the Association, that they will be in our hearts for a long time to come. The meeting Room at the Association was due to their generous contribution. Even very recently she had instituted Prof.S.K.Chatterjee Award for the Distinguished Alumnus. It is very heartening to note that the very first recipient was her own student Dr.Bharathi Bhat.

We hereby dedicate this News letter to the Great Lady, who was our friend, philosopher and guide. We pray for her soul to rest in peace.

K.R. Srinivasan

Editorial Message

7 Wonders

of the Inner World

Saptantasatvāh:

The 7 wonders of the world are mostly monuments built from stone and clay. These are priceless structures, beautifully and intricately made and preserved for time immemorial. Like these, there are 7 other wonders, those of the inner world, which are present in all of us. They are the 7 vices: Lust, Anger, Greed, Attachment, Ego, Jealousy and Laziness. These are wonders because they rob each one of us of our original virtuous self. They lead us into a world of myth and transient pleasure and take us away from the truth. On the other hand, if these are conquered, the earth will become a wonderful place to be in.

Life then becomes a wonderful gift.

K.S. Rajanandam and H.K. Anasuya Devi

IIScAA Science Forum – Popular Lecture Series

The Third Lecture of "**IIScAA Science Forum – Popular Lecture Series**" was delivered by Prof. N. S. Ramaswamy, Founder Director, Indian Institute of Management ; Director, Cartman and Chairman, Indian Heritage Academy, on "Management of Life and Profession" dated June 12, 2010 at the Faculty Hall, IISc.

Wg. Cdr. H. R. Parthasarathy(retd), Vice President, IISc. Alumni Association, was the Moderator for this Lecture.

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The Fourth Lecture of "**IIScAA Science Forum - Popular Lecture Series**" was delivered by Prof. P. Balaram, Director, Indian Institute of Science, on "**The Indian Institute of Science : Learning from History**" dated July 10, 2010 at the Faculty Hall, IISc.

Prof. S. Ranganathan, INAE Distinguished Professor, Indian Institute of Science & Senior Advisor, IISc. Alumni Association, was the Moderator for this Lecture.

* * *

The Fifth Lecture of "**IIScAA Science Forum - Popular Lecture Series**" was delivered by Dr. H. R. Nagendra, Vice Chancellor, Swami Vivekananda Yoga Anusandhana Samsthana (S-VYASA), Yoga University recognized by UGC, Bangalore and Hon. President, Hindu University of America, Orlando, Florida, USA, on "**The New horizons in modern medicine – 4 decades of Yoga Therapy research review**" dated August 14, 2010 at the Faculty Hall, IISc.

Prof. E. S. Dwarakadasa, Former President, IISc. Alumni Association, was the Moderator for this Lecture.

Awards and Achievements

1. Dr. Saumitra Das, Associate Professor, Department of Microbiology and Cell Biology, IISc, Bangalore, has been selected for the 'NASI-Reliance Platinum Jubilee Award for Application Oriented Innovation in Biological Sciences for the Year 2010'.
2. Prof. S. K. Satheesh, Centre for Atmospheric and Oceanic Sciences has won the following awards :-
 - a. "Citation for Excellence in Refereeing" by American Geophysical Union (AGU)
 - b. "Science Excellence Award 2010" by EduWorld Foundation.

IIScAA Activities

Dear Members,

Greetings and Best Wishes from IISc. Alumni Association (IIScAA).

The Third, Fourth and Fifth Lectures of "IIScAA Science Forum – Popular Lecture Series" were delivered by Prof. N. S. Ramaswamy, Prof. P. Balaram & Dr. H. R. Nagendra respectively.

IIScAA organised the Breakfast Meet for Alumni on June 20, 2010 at 9 a.m. in the Choksi Hall, IISc. The Cultural Programme was arranged at 10 a.m. and the following Artists performed on this occasion :

Shri. Nishad - singing

Shri. Jagadeesh Kurthkoti - Tabla and

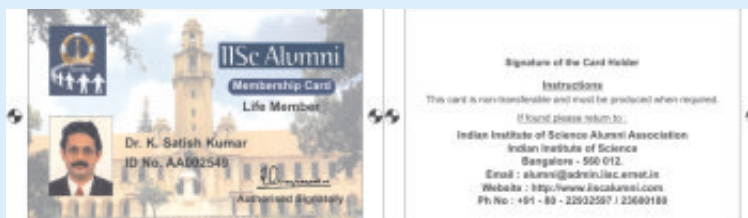
Prof. Parag Sadhale, Micro Biology and Cell Biology Department, IISc - Harmonium

The 35th Annual General Body Meeting (AGBM) of IIScAA was held on August 21, 2010 at 10 a.m. in the Faculty Hall, IISc. On the same day, the following Distinguished Alumni were conferred "Distinguished Alumni Awards-2010" by Prof. N. Balakrishnan, Associate Director, IISc :

1. Prof. J. Gopalakrishnan
Honorary Professor and INSA Senior Scientist, Solid State and Structural Chemistry Unit, IISc
2. Dr. R. L. Kashyap
Dept of Electrical and Computer Engineering, Purdue University, USA
3. Shri. P. S. Raghavan
Ambassador of India to Ireland
4. Dr. Umeshwar Dayal
H P Labs, USA
5. Dr. Vijay Kumar Saraswat
Scientific Advisor to Rakshamantri, DRDO, New Delhi .

The old Alumni ID card is now being replaced with the New Plastic ID Card. Members are requested to apply for the New Alumni ID Card. Those who are interested to avail this may please send an email to alumni@admin.iisc.ernet.in

The design of the New Alumni ID Card is as shown below :-



We welcome the following new Members enrolled from 1st June 2010 to 31st August 2010 :

- | | |
|--|----------------------------------|
| 1. Dr. Kasabegoudar Veeresh | 2. Mr. Rajesh Ranjan |
| 3. Dr. Balakrishna Maruti Dawari | 4. Mr. Natarajan Nellikicherry |
| 5. Mr. Robinson Reyna | 6. Mr. Varun Kulkarni |
| 7. Mr. S. Krishnaswamy | 8. Mr. Anbu Varathan |
| 9. Dr. Gagan Garg | 10. Dr. Gurunath Gurralla |
| 11. Dr. Prakash Mutalik | 12. Mr. Raj Rajendran |
| 13. Mr. M. Sheik Altaf | 14. Mr. K. Ramachandrakini |
| 15. Mr. Raghavendra Adiga B | 16. Mr. Arun G |
| 17. Mr. Anubhav Adak | 18. Dr. Bhupendra Kumar Verma |
| 19. Dr. Arif Ali Baig Moghal | 20. Dr. Sangeeta Das |
| 21. Mr. Kamalesh Anandamoorthy | 22. Dr. K. P. Balakrishnan |
| 23. Mr. P. B. Ramesh | 24. Mr. Dharua Mahesh Nilakantha |
| 25. Mr. Devesh Yadav | 26. Mr. Rohit Priyadarshi |
| 27. Dr. A. Shaija | 28. Dr. K. Ravikumar Bhimasingu |
| 29. Mr. Venkata Suryanarayana K | 30. Mr. R. Rajesh |
| 31. Dr. Nedungadi Aatira Gopalkrishnan | 32. Dr. Srinivasa Rao Bandla |
| 33. Dr. P. Prasanna Kumar | 34. Mr. Hariharan M S |
| 35. Dr. Namrata Bora | 36. Mr. Girish Babu P |
| 37. Dr. Tadikonda Venkata Bharat | 38. Mr. Pramod B. Balareddy |
| 39. Mr. Bhaskar Kumar Kosanam | 40. Mr. Charanraj T |
| 41. Dr. M. Arumugam | 42. Mr. J. N. Bhavani Prasad |
| 43. Dr. Niyaz Ahamad Madhar | 44. Dr. S. Venkateswara Sharma |
| 45. Mr. Vinay Joseph | 46. Mr. V. Raajay |
| 47. Mr. Trilok Singh Meen | 48. Mr. Rajiv Kumar Gupta |
| 49. Mr. Vajinath Jagannath Rode | 50. Dr. Deepa Jose |

For details regarding Undergraduate Programme(BS) at IISc, please visit the following website : <http://www.iisc.ernet.in/ug> or write to :

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- Dr. N. C. Shivaprakash



Distinguished Alumni Awards - 2010

Prof. N. Balakrishnan, Associate Director, IISc, presented the Distinguished Alumni Awards - 2010 to the following Distinguished Alumni, on August 21, 2010 at the Faculty Hall, IISc:-

- 1. Prof. J. Gopalakrishnan**
Honorary Professor and INSA Senior Scientist,
Solid State and Structural Chemistry Unit, IISc
- 2. Dr. R. L. Kashyap**
Dept of Electrical and Computer Engineering
Purdue University, USA
- 3. Shri. P. S. Raghavan**
Ambassador of India to Ireland
- 4. Dr. Umeshwar Dayal**
H P Labs, USA
- 5. Dr. Vijay Kumar Saraswat**
Scientific Advisor to Rakshamantri, DRDO, New Delhi

Indian Institute of Science Alumni Association of North America



Our activities

- Meeting with Prof. Mohan – Chicago, 10th May 2008
- First Summer Picnic – 19th July, 2008 (10 families) – Warren Dunes, Michigan
- A formal Get together - 19th July, 2009 – Balaji Temple Auditorium, North Aurora, Chicago, IL (35 Alumni)
- Meeting with Dr. Aatre (former Scientific Advisor to Defence Minister), September, 2009 – Ann Arbor, MI
- Nanobiotechnology workshop – 19th June 2010 – University of Michigan, Ann Arbor, MI (45 attended)

Midwest Chapter – IIScAANA

Alumni in this region (estimated) ~ 300

Contacted - 150

Current Strength Based on active participation ~ 50

Goals and Objectives

- To Increase our own strength and develop a good network of IISc Alumni in this region
- To Strengthen AANA National Chapter
- To Organize a national conference in 2012-2013

Undergraduate@ IISc

A novel four-year undergraduate programme at the Indian Institute of Science, Bangalore

Indian Institute of Science, a leading institution of higher learning with a strong tradition of research for over a century, is opening its portals to undergraduate students by launching a four-year **Bachelor of Science (B.S.)** Programme. The programme is designed as a balanced blend of core science and interdisciplinary topics, to serve as a launching pad for research and doctoral studies in cutting-edge areas of science and engineering. The graduates of this program will also be ready for attractive career opportunities in academia and industry.

MAJOR DISCIPLINES OFFERED

Biology, Chemistry, Environmental Science, Materials, Mathematics, Physics

Students majoring in any of the above disciplines will also take courses in engineering, humanities, and inter-disciplinary areas for a well rounded learning experience

The inaugural batch will begin classes from August 2011 and graduate in June 2015

Admissions will be based on national examinations such as KVPY and other channels to be announced soon

Eligibility: 12th Standard or equivalent with Physics, Chemistry and Mathematics as main subjects

Applications will be accepted from January 1, 2011 till March 31, 2011

For More Details:
<http://www.iisc.ernet.in/ug> Email: deanug@iisc.ernet.in

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IISc Alumni Association is proposing a friendly cricket match among Alumni in Gymkhana Ground on 14th November 2010 (Sunday). If you would like to play and/or assist in organizing this event including sponsorship, please provide your details

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IISc Alumni

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Published by the Indian Institute of Science Alumni Association (IIScAA)

Printed at : Navbharath Press, Seshadripuram, Bangalore - 560 020, Ph: 2356 1142, 2346 4682, E-mail : navbarat@gmail.com