

Report on National Symposium on Nuclear Instrumentation – 2013 (NSNI-2013)

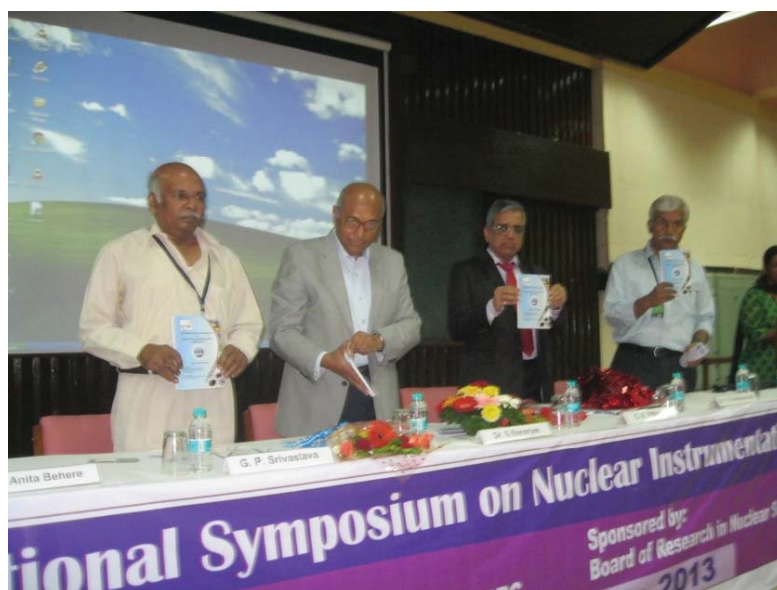
The National Symposium on Nuclear Instrumentation (NSNI-2013) was held at the Multi-purpose Hall, Training School Hostel, AnushaktiNagar, Mumbai during November 19-21, 2013. The Conference was organized by Electronics & Instrumentation Group, BARC under the aegis of BRNS. The DAE-BRNS symposium covered application areas of Nuclear Instrumentation for Reactors, Accelerators, Physics Experiments, Health and Environment Monitoring Systems. Topics covered in the symposium included radiation detectors, front-end electronics, RF electronics, Smart instruments, High density / high performance systems, Instrumentation bus and communication standards and Software technologies.

This symposium was organized to provide a forum for scientists and engineers to present their work and share their knowledge and ideas with other participants in the field. The Conference was attended by more than 300 participants from AMD, BARC, IGCAR, IUAC, IPR-ITER, NPCIL, RRCAT, TIFR, UCIL, VECC and HBNI as well as from academic institutions.

Dr. Srikumar Banerjee, Prof. Homi Bhabha Chair and Former Secretary, DAE & Chairman AEC presided over the inaugural function. Dr. T.S. Ananthkrishnan Head, Electronics Division and Chairman, Organizing Committee welcomed the invitees and delegates of NSNI-2013. Shri C.K. Pithawa Director E&I Group and Chairman National Advisory Committee presented an overview of NSNI-2013. Shri G.P. Srivastava, OSD and Former Director E&I Group delivered the keynote address. Chief Guest Dr. S. Banerjee delivered the inaugural address and formally released the Symposium Proceedings. Anita Behere Convener, Organizing Committee proposed the vote of thanks.

Contributions were received in the form of 128 poster papers which were presented in five sessions. The posters for all the contributory papers were prepared by the authors in a uniform template provided by organizers and were printed by the organizers. They were put on display and were presented by the authors. There was a collective preview presentation for each poster session where each poster was introduced to the audience through a summary slide that illustrated the paper.

The main highlight of the symposium was the invited talks (21) on topics related to application areas of Nuclear Instrumentation. Speakers from BARC, IGCAR, NPCIL, RRCAT, IIT (B) and IIT Roorkee were invited to deliver the talks. Notable speakers from abroad include Dr. Shekhar Mishra, from Fermi Labs and Dr. Andrea Venturi from CERN. Proceedings of the symposium were brought out in the form of CDs.



Photograph of the proceedings of NSNI-2013 being released by Dr. Srikumar Banerjee, the Chief Guest