



Avinashilingam

Institute for Home Science and Higher Education for Women

University

(Estd.u/s 3 of UGC Act 1956)

(Deemed University under Category 'A' by MHRD)

Coimbatore – 641043, Tamil Nadu, India

Re-accredited with 'A' Grade by NAAC

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Diamond Jubilee Celebrations

Report of the National Conference on Nanoscience and Nanotechnology

The Department of Science and Humanities, Faculty of Engineering organized a National Conference on 'Emerging Trends in Nanoscience and Nanotechnology' on 22.9.17. Prof. Dr.D.Mangalaraj, UGC-BSR Fellow, Department of Nanoscience, Bharathiar University delivered the keynote address in which he highlighted the importance of applications of Nanotechnology in diverse fields like medicine, nanophotonics, carbon nanotubules. He stressed how the future of science lies in Nano technology.



Dr.Mangalaraj's keynote address



Release of Proceedings

The next session was handled by Prof. G. Mohan Rao, Plasma Processing Laboratory, Department of Instrumentation and Applied Physics, IISc. Bangalore. He traced the evolution of batteries and the significant role of nano materials in batteries to reduce the size and increase the surface area that leads to maximum number of applications.

Dr.Prabhusaran, Research Associate Professor, Department of Micro Biology, Chennai Medical College Hospital and Research Centre, Trichy addressed the gathering. He

stressed how drug delivery can be more effective through nanomedicine. Nanomedicines are used for diagnostic and therapeutic purposes.

Dr.R.T.Rajendra Kumar, Associate Professor, Department of Nanoscience and Technology, Bharathiar University discussed about the potential applications of nanoelectronic devices, sensors, biomedical and energy storage devices.

Dr.N.Shanthi, Associate Professor and Head, Department of Physics, Avinashilingam University chaired the technical paper presentations. There were 26 papers published in the Proceedings and total number of participants were 93 in number. There were representations from Karpagam University, PSG College of Arts and Science, Bharathiar University, Periyar University and Kalasalingam University, Kumaraguru College of Technology and Islamiah College.