

## Message from the Chairman



**Prof. Pallab Banerji**  
**Head of the Centre**

New technological paradigms are shrinking our world emphatically. Innovations at the intersection of medicine, biotechnology, engineering, physical sciences and information technology are spurring new directions in R&D, commercialization and technology transfer. The future of materials sciences is likely to grow in an interdisciplinary and interconnected manner. Interestingly, materials reduced to the nanoscale shows superior properties compared to what they exhibit on a macro-scale, enabling unique properties and applications. An important feature of this new technology- the nanotechnology has the ability to bridge the crucial dimensional gap between the atomic and molecular scale of fundamental sciences and the micro structural scale of engineering and manufacturing. Accordingly, a vast amount of true multidisciplinary yet fundamental knowledge is to be explored and linked, which can push new understanding of cutting edge technological advancements various areas of electronics, medicine and e skin wearables. It will lead to a fantastic amount of new understanding as well as the fabrication of novel high technologies in many fields of applications from electronics to medicine.

Materials Science Center has a distinct record of achievements in the field of teaching, training and research and has been active in establishing collaborative linkage between reputed industries, international academic institutions and with R & D organizations for achieving excellence. Having a proven and marvelous record of organizing mega academic events in past, IIT Kharagpur has decided to join hands with NIT Srinagar to organize the 5th Edition of International conference on, **"Nanotechnology for Better Living NBL 2019"** in the world famous health resort, Kashmir from 7-11 April, 2019.

I am sure that this conference, 5th in series will give significant contribution to the achievements of scientific knowledge in the areas of nanomaterials and their applications in various sectors.

**(Prof. P. Banerji)**