

National Workshop
on
Role of Information Technology in Scientific Research
24th & 25th April 2017



Organized by
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ABOUT THE WORKSHOP

TITLE OF THE WORKSHOP: NATIONAL WORKSHOP ON ROLE OF INFORMATION TECHNOLOGY IN SCIENTIFIC RESEARCH

Date : 24 and 25th April 2017

Research involving scientific measurement today employ amilee of technological hardware involving wireless networks and interaction among laboratories through mobile communication and the internet. The use of wireless ad-hoc networks has provided scope for fast data communication and control applications between laboratories involved in advanced scientific investigations, not to speak of medical diagnostics and interaction from remote multiple hospitals .

The workshop will provide a forum to describe and discuss the present advanced short range and internet based data communication for the purpose of research data transfer and control operations of field instruments in remote locations. The forum will also discuss the use of latest multimedia hardware for both audio and visual information transfer.

The following other broad topics will also be touched upon.

1. Wireless Communication – Recent trends- Short range and long range
2. Mobile communications Standards
3. Wireless Networks for private use
4. Ad-hoc Networks and Protocols
5. Applications in telemedicine, Remote monitoring, Surveillance etc.
6. Hardware for wireless communications