Registration fee (includes working lunch)
Rs. 5000/- (Non-AICTE Institutes)
and Rs. 10000/- (for Industry participants).

Eligibility
Faculties, Scientists, research scholars and executives
of Industries

Travel and accommodation
Accommodation will be arranged in IIT Kharagpur Guest
Houses. TA, Boarding and Lodging supports are available
for the participants (teachers) of AICTE approved
Colleges from the QIP fund.

Number of participants — 100 (Maximum)

How to Apply
Interested participants are requested to send the
following information:
(i) Name, Designation, Affiliation
(ii) Educational Qualification:
(iii) Address, Mobile number, Email address
(iv) Registration fee payment details
Registration fee should be paid to the following account
by internet banking
(a) Account holding authority :  Dean (CE), IIT Kharagpur
(b) Name of the Account: CEP-STC
(c) Bank Name: Syndicate Bank
(d) Branch Name, Address & Contact : SRIC, IIT Kharagpur-721302
Phone: 03222-288005
(e) MICR No. 721025103
(f) Account Type: SB
(g) Account No. 9556220002955
(h) IFSC Code: SYNB0009556

(No registration fee is required for AICTE approved
college teachers. However, they should attach short
biodata, recommendation of the principal and AICTE
approval letter copy of the college)
Application should be sent by email to
pkdatta@phy.iitkgp.ernet.in

Important dates
Last date for application (by E-mail): 15.02.2017
Confirmation to the participants : 16.02.2017

For further details contact
Prof. P K Datta, Dept. of Physics, IIT Kharagpur
721302, Phone: 03222-283860, Mobile: 9474069825
Email: pkdatta@phy.iitkgp.ernet.in

Objectives
Equipments based on Terahertz Technology are
becoming popular. The different areas of industries
like Pharmaceutical, Space Science and Security &
communication have started accepting these
technologies abroad. The objective of this workshop is
to update knowledge-base, drive research &
development and promote industries in THz
technologies in India

Topics to be covered
• Overview on the properties of THz radiation,
  applications and challenges
• THz Sources vacuum-electronics-based,
  semiconductor-based, photoconduction-based,
  air-plasma and nonlinearity-based
• THz Detectors (single-photon detectors,
  microbolometers, Golay cells, Pyroelectric
  detectors and focal-plane arrays)
• THz Optics (waveguides, Metamaterials, filters
  and modulators)
• THz spectroscopy
• THz Imaging and Tomography
• THz Application in Biology & Medicine
• THz Application in Space Science
• THz Application in Pharmaceutical industry
• THz Application in Defense, Security and
  communication

Speakers
S Prabhu (TIFR, Mumbai), Gagan Kumar (IIT
Guwahati), D Goswami (IIT Kanpur), N Mitra (IIT
Kharagpur), P K Dutta (IIT Kharagpur), A Sharma (IIT
Delhi), R Varshney (IIT Delhi), N Dixit (IRDE,
Dehradun), R K Mitra(SNBNCBS, Kolkata), M
Jewariya (NPL New Delhi), N P Sapkal (Zim Lab,
Nagpur) and P K Datta (IIT Kharagpur), S K Ray
(SNBNCBS, Kolkata), G Ravindra Kumar (TIFR,
Mumbai), K Natarajan (IISER Kolkata), R Kini (IISER
Trivandrum), P Mondal (IISER, Pune), K V Adarsh
(IISER Bhopal), J Jayabalan (RRCAT, Indore), D K
Palit (BARC, Mumbai) and A K Razdan (LASTEC,
Delhi)