Confirmed speakers

Dr. Amit Kumar Bhattacharya MSc, PhD.
Application Scientist for the Life Science Research Division of Leica Microsystems India
• Basics of brightfield, phase contrast, polarizing, and fluorescence microscopy.
• Basics of digital cameras, along with digital image processing and analysis.

Dr. K.N Ganesh MSc, PhD.
Applications Manager (Microscopy) at M/s. Olympus Medical Systems India Ltd. Bangalore.
• Basics and medical applications of Inverted, Confocal.

Dr. Prabha D. Nair
(Scientist G, Polymer Analysis Laboratory, BMT Wing, SCTIMST) - Atomic Force Microscopy

Dr. Annie John (Scientist F, BMT Wing, SCTIMST) – Transmission Electron Microscopy

Dr. Harikrishna Verma P.R (Engineer F, BMT Wing, SCTIMST) - Scanning Electron Microscopy

Dr. Anil Kumar P.R (Scientist C, BMT Wing, SCTIMST) - Inverted and Confocal microscopy

Tentative Programme

Day1: Venue: AMC Seminar Hall, SCTIMST (For Medical and Engineering Delegates)
8:30 am- Registration
8:45 am- Inauguration : Dr. M. Balaraman Nair
   Felicitation : Dr. S. Sankar
9:30-10:30 am- Principles & Optics of Light Microscopy
10:30-10:40 am- Tea break
10:40-11:40 am- Types of Microscopes and their Medical Applications
11:45-1:00 pm
Demo: Brightfield, Polarizing, Fluorescence Microscopes and Image Processing Software
1:00-2:00 pm- Lunch Break
2:00 pm- reassemble, transportation to BMT Wing
2:30-4:30 pm
Demo: Inverted, Confocal, SEM, TEM, AFM
4:30 pm – Valedictory Function and Tea

Day2: Venue: Hospital Wing, SCTIMST
(For registered Engineering Delegates)
9.00 am – 12 noon Hands on experience on biomedical engineering aspects of Microscopes
Those who are interested in the hands on experience on day 2, please inform us at; microscopy2013@sctimst.ac.in, on or before 25.11.2013.

Workshop on Microscopy

Basic to Advanced Microscopy in Medical Sciences
20th and 21st December 2013

Hospital Equipment Awareness Training Series (HEATS-2013)

Organized by:
Department of Pathology
Department of Clinical Engineering
Biomedical Technology Wing
Sree Chitra Tirunal Institute for Medical Sciences & Technology
Thiruvananthapuram, Kerala
**ORGANIZING COMMITTEE**

**Patrons:**
Dr J M Tharakan,
(Director, SCTIMST)
Dr. R Sankar Kumar,
(Medical Superintendent, SCTIMST)
Dr. C.P Sharma
(Head, BMT Wing, SCTIMST)

**Organizing Chairperson:**
Dr. S. Sandhyamani

**Organizing Secretary:**
Dr. R. Amita

**Jt Organizing Secretary cum Treasurer:**
Dr. Santhosh Kumar. B

**Scientific committee:**
Mr. Koruthu. P Varghese
(Engineer G, SCTIMST)
Dr. Prabha D. Nair
(Scientist G, Polymer Analysis Laboratory, BMT Wing)
Dr. Annie John
(Scientist F, TEM, BMT Wing, SCTIMST)
Dr. Harikrishna Verma P.R
(Engineer F BMT Wing, SCTIMST)
Dr. Niranjan D. Khambete
Scientist F, BMT Wing, SCTIMST
Dr. Anil Kumar P.R
(Scientist C, BMT Wing, SCTIMST)

**For Details, Contact:**
Dr. S. Sandhyamani,
Organizing Chairperson,
Workshop on Microscopy,
Department of Pathology, SCTIMST
Thiruvananthapuram-695 011, Kerala.
Ph: 0471- 2524605, 2524594
Email: ssm@sctimst.ac.in

---

**Registration Format**
(Kindly take photocopy, if necessary)

Name:
Designation:
Official Address:
Mob:
Email:

Details of Payment:
(Kindly write your name on the reverse side of DD)

DD No.
Bank
Dated:

Registration Fee: Rs 750/-

Demand draft to be taken in favour of “The Director, SCTIMST” payable at Trivandrum.

Send with the completed form to:
Dr. S. Sandhyamani
Organizing Chairperson,
Workshop on Microscopy,
Department of Pathology, SCTIMST,
Thiruvananthapuram, Kerala 695011.