

ORGANIZING COMMITTEE

- ❖ Dr. M. K. Jayaraj (Hon. Director CAM, CUSAT & Dept. of Physics, CUSAT)
- ❖ Dr. B. Pradeep (Head, Dept. of Physics CUSAT)
- ❖ Dr. M. R. Anantharaman (Dept. of Physics, CUSAT)
- ❖ Dr. Godfrey Louis (Dept. of Physics, CUSAT)
- ❖ Dr. S. Jayalekshmi (Dept. of Physics, CUSAT)
- ❖ Dr. M. Junaid Bushiri (Dept. of Physics, CUSAT)
- ❖ Dr. Ramesh Babu Thayyullathil (Dept. of Physics, CUSAT)
- ❖ Dr. C. Sudha Kartha (Dept. of Physics, CUSAT)
- ❖ Dr. Titus Mathew (Dept. of Physics, CUSAT)
- ❖ Dr. V. C. Kuriakose (Dept. of Physics, CUSAT)
- ❖ Dr. K. P. Vijayakumar (Dept. of Physics, CUSAT)
- ❖ Dr. M. Sabir (Dept. of Physics, CUSAT)
- ❖ Dr. M. Raveendranathan (Dept. of Physics, CUSAT)
- ❖ Dr. N. Poornima (Dept. of Physics, CUSAT)
- ❖ Dr. Rajeev Kumar. K (Dept. of instrumentation & CAM, CUSAT)
- ❖ Dr. Aanandan .C.K (Dept. of Electronics & CAM, CUSAT)
- ❖ Dr. Sunil K Narayanankutty (Dept. of Polymer Sci & Tech and CAM, CUSAT)
- ❖ Dr. S. Prathapan (Dept. of Applied Chemistry & CAM, CUSAT)

AVAILABLE FACILITIES

Material Deposition

RF Co-Sputtering Unit
DC Sputtering Unit
Pulsed Laser deposition Unit
Nd-YAG Laser
Thermal evaporator
Electron beam evaporator
Spin coater
Centrifuge
Hydrothermal system
Chemical synthesis facility
Anodization/Electrodeposition systems
Furnaces

Material Characterization

MicroRaman Spectrometer with PL
High Resolution X-Ray diffractometer
Atomic Force Microscope
Semiconductor parameter analyzer
Microprobe station
Potentiostat/Galvanostat
Spectrometer
Digital Oscilloscope
Crystal based thickness monitor
He-Ne, He-Cd and Ar ion Diode lasers
Z-Scan

**Centre for Advanced Materials
Cochin University of Science & Technology
Kochi, Kerala, India – 682022**

Centre for Advanced Materials

&

Department of Physics

Cochin University of Science and Technology

Organizing

UGC Sponsored Workshop on

Material Characterization Tools & Techniques

Date:

19 – 21 March 2015

Venue:

**Center for Advanced Materials
Cochin University of Science and Technology**



Dear Colleague,

Greetings from Centre for Advanced Materials, CUSAT.

Centre for Advanced Materials (CAM) is a unique centre established in Cochin University of Science and Technology, with a single goal of promoting and coordinating research in the broad area of material science.

As part of the current year's activities, centre is conducting UGC sponsored seminar on "Material Characterization Tools and Techniques" during 19-21 March 2015. The main objective of the workshop is to familiarize characterization tools available at the Centre for advanced materials. The participation is restricted to pre-registered candidates only. The registration fee is Rs. 2000/- per person. Number of participants is limited and will be on first come first served basis. Opportunity will be given to young researchers to present their research proposals/research findings. Those interested can submit one page abstract. Registration closes on 20th February 2015.

Seminars and discussions on characterization techniques will be followed by live demo and hands own training on the available characterization tools. For more details please visit www.physics.cusat.ac.in

Prof. M. K. Jayaraj

Hon. Director

CAM-CUSAT

Email: jayaraj.mk@gmail.com

List of Speakers

Prof. V.Ramakrishnan, IISER, Trivandrum.

Prof. Sudarsanakumar, M.G.University, Kottayam.

Dr. Manoj Rama Varma, NIIST, Trivandrum.

Mr. C. M. Girish, AIMS, Kochi.

Dr. Aldrin Antony, IIT Bombay.

Dr. Aneesh.P.M, Central University of Kerala, Kasaragod.

Training session

Prof .M.K.Jayaraj, Dept of Physics, CUSAT

Dr. Arun Aravind, IISc Bangalore

Dr. Rajeev R Prabhu, Dept of Physics, CUSAT

Mr. Vikas.L.S, KMM college, Kannur

Mr. Krishnaprasad. P. S, MA College, Kothamangalam

Mr. Shijeesh.M.R, CUSAT

Ms. Hasna.K, PSMO college, Tirurangadi

Ms. Subha.P.P, CUSAT