



Academic
Staff College

Report on
One Day National Workshop On
Material Characterization Techniques
(MCT – 2019)
Organized by Academic Staff College, KLEF
In Association with the Department of Physics-KLEF
Dt. 18th April 2019

Academic Staff College, KLEF conducted a One Day National Workshop On Material Characterization Techniques(MCT – 2019) Organized by Academic Staff College, in association with the Department of Physics KLEF On 18th April 2019 for the registered Academicians and Business people Students and Research Scholars faculty and students of KLEF.

The Objectives of the Workshop:

- To help the material researchers to identify the kind of characterization technique needed for them.
- To create awareness among the budding researchers about basic characterization techniques that is required.
- To impart the necessary knowledge and skill required for doing the characterization.

ABOUT THE WORKSHOP

In modern technology materials play a pivotal role in the development of civilization. The property of any material can be predicated or can be understood only by knowing its structure. The structure of any material can be revealed by various characterization techniques. With the advent of both science and technology new methods of material characterization techniques are being developed which are helping us to understand materials much better. This results in the best usage of materials for various applications. Characterization of a material is a basic step for researchers working in material sciences. The cutting edge technologies such as X Ray Diffraction Technique, Fourier Transform Infrared Spectroscopy, Raman Spectroscopy, UV-VIS-NIR Spectroscopy, Dielectric Spectroscopy, Scanning Electron Microscopy, and Transmission Electron Microscopy were covered during the workshop.

Resource Persons:

Prof. Hussain O Md, Dept. of Physics,
Sri Venkateswara University, Tirupathi
Prof. A Srinivasa Rao, Dept. of Applied Physics, DTU, New Delhi
Dr. G Giridhar, Dept. of Nanotechnology, ANU
Dr. Satya N Tripathy, Dept. of Physics, KLH
Dr. S Dasaratha Rama Rao, Post-Doctoral Research Associate, JNCASR, Bangalore

Dr. A. Ramakumar, Pro-Vice Chancellor, Prof. R R L Kantam, Registrar, Dr. K L Narayana, Dean R&D, Dr. N Venkat Ram, Principal S&H, Dr. V Krishna Reddy, Vice Principal, Coordinator, graced the occasion.

Dr.V.Rajesh, Principal, ASC, and Dr. B. Siva Nagaiah Vice-Principal, ASC of KLU had honored the resource persons. Mr. V.VenkataNarayana Dept. of ASC had coordinated the FDP.