



AWARENESS WORKSHOP OF UGC-DAE CSR



ON

DIFFRACTION AND OTHER CHARACTERIZATION TECHNIQUES IN MATERIALS SCIENCE

organized by

**UGC-DAE Consortium for Scientific Research, Mumbai Centre &
Department of Physics, Kakatiya University, Warangal, Telangana**

April 12-13, 2017

Venue

Department of Physics, Kakatiya University, Warangal, Telangana

PATRONS

Dr. A. K. Sinha

Director, UGC-DAE CSR

Prof. R. Sayanna

Vice Chancellor,
Kakatiya University, Warangal

Organizing Committee

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UGC-DAE CSR, Mumbai

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Dr. B. Venkatram Reddy

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UGC-DAE Consortium for Scientific Research (CSR), Mumbai centre and Department of Physics, Kakatiya University are organizing a two-day awareness workshop on the highly sophisticated research facilities that are available at different centres of the CSR and also on the various advanced research facilities of the Department of Atomic Energy (DAE) that are accessible through CSR like Dhruva reactor at BARC Mumbai, INDUS synchrotron at RRCAT Indore, and VECC at Kolkata. Different consortium centres and Kalpakkam Node at IGCAR have also set up sophisticated characterization facilities for conducting research in condensed matter physics.

Kakatiya University has its roots in the erstwhile P.G. Centre of Osmania University. The University was named after the Kakatiya dynasty that ruled this region with Warangal as its capital. Since its establishment in 1976, several steps were taken for the overall development of the infrastructure facilities in order to cater to the requirements of both faculty, staff, students and research scholars.

About the workshop

The workshop will emphasize on the utilization of neutron scattering facilities at the NFNBR, Dhruva Reactor, BARC for condensed matter studies. Characterization techniques such as AC susceptibility, magneto-resistance and magnetization, broadband dielectric spectroscopy and other techniques will be covered. Overview of facilities at Indore and Kolkata Centres of CSR including the utilization of INDUS synchrotron radiation at RRCAT, Indore and accelerated ions from VECC Kolkata, and at the Kalpakkam Node at IGCAR will also be presented.

Faculty members, scientists and research scholars from universities, colleges and other Institutes, interested in attending this workshop may write to us through **email only** giving details: Name, Designation, Affiliation, Age, Address for correspondence with contact phone & mobile number, email, Research interest and Experience, List of related publications and the requirement of financial support. Only limited number of participants will be selected for the workshop. Selected participants will be informed by **email only**.

Kindly ensure that your application reaches us **before March 25, 2017** at sudipm@csr.res.in

Coordinators

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APPLICATION

BY EMAIL ONLY

LAST DATE: **MARCH 25, 2017**