

Vision Group on
Science & Technology
Govt. of Karnataka, Bengaluru
and
Gulbarga University
Kalaburagi

sponsored

**International Year of
Crystallography-2014**

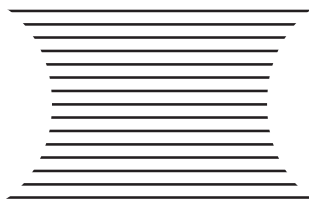
March 27-28, 2015



Organized by

Department of Physics

Gulbarga University
Kalaburagi-585 106 - Karnataka



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Vice Chancellor, Gulbarga University

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Patron

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Address for Correspondence

Prof. V. M. Jali

Co-ordinator

Department of Physics

Gulbarga University, KALABURAGI-585 106

Mobile : 9845633050

E-mail : vmjali@gmail.com

About the University & Department

The Gulbarga University is situated in the outskirts of Kalaburagi city. It comes on the main railway lines connecting Mumbai with Bengaluru and Chennai. This supreme academic institution is catering the needs of higher education for the people of four northern Karnataka Districts. About 34 University Post-graduate Departments and more than 300 affiliated UG colleges are under its academic jurisdiction.

The Department of Physics was started in 1981. Since its inception, it has been a full-fledged Post-graduate Department offering M.Sc., M.Phil. & Ph.D. courses in Physics. So far, from the Department more than 400 research papers have been published in international and national journals and more than 400 papers in various conferences. So far, nearly 50 Ph.D.'s and more than 100 M.Phil.'s have been produced by the Department. The areas of research of the Department includes electronic transport in low dimensional semiconductors, polymers, ferroelectrics, glasses, thin films, interaction of radiation with matter and photophysics of fluorescent molecules. Many major research projects funded by the agencies such as DST, UGC, NSC/IUAC, BRNS, IUCAA etc., have been successfully executed in the Department. In appreciation of its academic development and research credentials, the University Grants Commission has granted a Special Assistance Programme (DRS-I) and non-SAP to the Department. Under SAP, Material Science and Radiation Physics were identified as thrust areas. Previously, five National Seminars were organized on "X-Ray Diffraction Techniques" (2010), "Radiation Physics" (2011), "Advanced Functional Materials" (2012), "Condensed Matter & Materials Physics" (2013), "Radiation Physics" (2014). The Department has set up XRD facility for structural characterization of materials.

About IYCr-2014

The year 2014 was declared the International Year of Crystallography by the United Nations in order to raise awareness in the world at large about the importance of crystallography in the modern world. Through an incredible variety of activities worldwide, that objective has been brought to life for thousands of schoolchildren, university students

and the general public. Many events have been sponsored by UNESCO and the International Union of Crystallography, supported by industrial and academic sponsors, and made real by a host of willing volunteers. They have ranged from Science Fairs for schoolchildren, to professional-level Open Lab workshops and training sessions, to international summit meetings to shape future policy. They have ignited a fire in the new generation, most especially in parts of the developing world where structural science is still an infant science. Crystallography now matters... more!

The objectives are to increase public awareness of the science of crystallography and how it underpins most technological developments in our modern society, to inspire young people through public exhibitions, conferences and hands-on demonstrations in schools, to illustrate the universality of science, to intensify the programme Crystallography in Africa and create similar programmes in Asia and Latin America, to foster international collaboration between scientists worldwide, especially North-South contributions, to promote education and research in crystallography and its links to other sciences, to involve the large synchrotron and neutron radiation facilities worldwide in the celebrations of IYCr2014, including the SESAME project set up under UNESCO auspices.

There would be lectures by eminent scientists in the field of Crystallography. This will definitely enlighten the post-graduate students and update the knowledge of the researchers and the staff.

List of Speakers

1. Prof. T. N. Guru Row, SSCU, IISc, Bengaluru.
2. Prof. N. K. Lokanath, University of Mysore, Mysore.
3. Dr. PSR Krishna, BARC, Mumbai.
- 4: Dr. R. G. Gonnade, NCL, Pune.
5. Dr. Ramesh, NCL, Pune.

Registration

The interested persons may send their filled in registration forms to the Co-ordinator, Prof. V M Jali, so as to reach on or before 20-03-2015. The selected participants will be informed through e-mail. The participants have to bare their own travelling allowances.

Registration

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Name :

Designation :

Address :

Phone :

Fax :

e-mail :

Accommodation required : **YES/NO**

Signature of the Participant

Place :

Date :