

POORNAPRAJNA INSTITUTE OF SCIENTIFIC RESEARCH

Recognized by the Department for Scientific
and Industrial Research (DSIR), Govt. Of India
and Manipal University (MU)



WORKSHOP ON INSTRUMENTAL METHODS OF CHEMICAL ANALYSIS 13-18th February 2017

*Hands on- Not just watch how,
but actually DO!*

Organized by

Materials Science Division,
Poornaprajna Institute of Scientific
Research(PPISR), Poornaprajnapura,
Bidalur(post), Near Woodrich, Devanahalli,
Bangalore-562164
Phone: 080-23611836
Website: <http://www.ppisr.res.in/>



WHO CAN BENEFIT THROUGH THIS WORKSHOP

*Research Scholars, Master Students (M.Sc
and M.Tech) from Science and Engineering
branches especially from Chemistry,
Material Science, and Physics, who are keen
in equipping themselves for Research &
Industry Jobs and also for the industrial
professionals.*

ABOUT THE WORKSHOP

Interdisciplinary Team-based Workshop
specifically introduced for young minds to
improvise knowledge for scientific
development and maximize opportunities
in research and industry based placements.
The workshop includes theory concepts,
hands on experiments, and data analysis.

*Get your Hands on-experience in the
following Instrumental Methods of
Chemical Analysis*

1. Powder- X- Ray Diffraction
2. BET-Adsorption Measurements, isotherms,
Pore size Distribution curves
3. Atomic absorption spectroscopy (AAS)
4. Gas Chromatography
5. UV-visible and Infrared spectroscopy

**A certificate will be provided at the end of
the workshop for the participants.**

REGISTRATION

Please fill the attached registration form
and send it to contact person*

Registration fee

Rs. 5000 (Academia)

Rs. 8000 (Industry)

The Workshop is residential which includes
cost towards hostel accommodation and
cafeteria available on the campus on first
come first basis, preference will be given to
academia

*Contact: sureshk@poornaprajna.org
Dr. Suresh babu K, DST-INSPIRE faculty
/Assistant professor, Materials Science
Division, PPISR.

IMPORTANT DATES

- Last date of receipt of completed
registration form: 31st January 2017
- Selected participants will be
informed through email by 2nd
February 2017

Patron

Dr. Anand B. Halgeri
Director, PPISR, Bangalore

Organizing committee

Dr. Ramagopal Udipi, PPISR
Dr. Ananda K., PPISR
Dr. Ganapati V. Shanbhag, PPISR
Dr. Nalini G. Sundaram, PPISR
Dr. Sanjeev P. Maradur, PPISR
Prof. Bhat, Y. S., PPISR
Prof. Nagaraju N., St. Joseph College

Convener

Dr. Suresh Babu K, PPISR
Email: sureshk@poornaprajna.org

About the Institute

Poornaprajna Institute of Scientific Research (PPISR), is situated near Bengaluru International Airport on a campus spread over 32 acres. It is promoted and managed by Admar Mutt Education Foundation (AMEF). It is recognised by Department of Scientific and Industrial Research (DSIR), Govt. of India, New Delhi and Manipal University. The mission of PPISR is to carry out world-class quality research in both basic and applied science involving multidisciplinary collaborations nationally and internationally. This will help graduate students reach their full potential by providing research

guidance and technical skills required to live and work in a complex technological society. Currently about 20 research scholars are pursuing their Ph. D degree in PPISR. There are three divisions in PPISR, (i) Theoretical Science, (ii) Materials Science, and (iii) Biological Sciences. *All the faculty members are trained in advanced research laboratories abroad to conduct basic as well as applied research.*

About the Materials Science Division

Established in May 2010 by the present Director, Dr. A. B. Halgeri, with the assistance of Executive Committee of AMEF, the department now consists of 5 core faculty members hailing from diverse research backgrounds. So far 6 research scholars have obtained PhD degree from this division and above 35 research articles were published in reputed international journals in the last 5 years. Several industry and Govt. sponsored projects have been successfully completed and 9 sponsored projects are currently executed. The division is a real-time example of fruitful academia-industry partnership by innovating, designing and developing novel multifunctional materials that have wide-range of applications, in catalysis, nanotechnology, biomass conversion etc.

Poornaprajna Analytical Center (PAC)

We are happy to inform you that PPISR has established a testing facility for all researchers from academic institutions and industries, to characterize their samples. Interested individuals can analyze their samples under the guidance of a PPISR staff. The facilities include

- Powder- X- Ray Diffraction
- BET-Adsorption Measurements, isotherms, Pore size Distribution curves
- Atomic absorption spectroscopy (AAS)
- Gas Chromatography
- UV-visible and Infrared spectroscopy
- Fluorescence Spectrophotometer

For enquiries, interested individuals may contact Dr. Suresh Babu K for the charges.

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