

Hands on Training and Workshop for Utilization of Microscopic and Spectroscopic Equipment



March 21-26, 2022
Sponsored by
SERB



Department of Science & Technology

‘KARYASHALA’

Organized at

Crystal Growth Centre, Anna University

Chennai – 600 025 Tamil Nadu

Event Organizer

Prof. S. Moorthy Babu

Professor & Director

About Karyashala

Science and Engineering Research Board (SERB) a statutory body under the Department of Science and Technology, Government of India has inaugurated an Inter-Ministerial Initiative ‘Accelerate Vigyan (AV) Scheme’ to provide a big push to high-end scientific research and prepare scientific manpower which can venture into research careers and knowledge-based economy. AV aims to expand the research base in the country, with three broad goals-consolidation/aggregation of all scientific training programs, initiating high-end Orientation Workshops, and creating opportunities for Research Internships.

Under AV scheme, is an attempt to boost Research & Development in the country by enabling and grooming potential PG and Ph.D. level students by developing dedicated research skills in selected areas/ disciplines/fields through **High-End orientation workshops 'KARYASHALA'**. This will be especially important for those researchers who have limited opportunities to access such learning capacities/ facilities/infrastructure.

About the Centre

Crystal Growth Centre (CGC), Anna University, Chennai – 600 025, India is an internationally acclaimed Centre of Excellence in the field of Crystal Growth Research and Technology. The Centre is recognized by University Grants commission as Crystal Growth Centre – UGC: Anna University Facility (National Centre) for the welfare of the researchers in India.

CGC has been organizing series of workshops/ seminars/ special lectures/ hands-on training programs covering from

synthesis and fabrication to advanced characterization, product development and commercialization. So far 25 National programs and more than 21 International Programs organized at CGC.

Scope of the Workshop

The aim of this training program is to convey research skills to the beginners and give introductory hands-on training on various state-of-the-art materials characterization facilities. This program provides familiarization on different aspects of materials characterization techniques at CGC and motive the students to choose research as a career.

State-of-the-art characterization facilities in CGC

- ☐ Atomic Force Microscope (AFM)
- ☐ Scanning Electron Microscopy (SEM)
- ☐ Transmission Electron Microscopy (TEM)
- ☐ UV-Visible Spectrophotometer
- ☐ Fourier Transform Infrared Spectrophotometer (FTIR)
- ☐ Raman Spectrophotometer
- ☐ Powder X-ray Diffraction (P-XRD)

Venue

Crystal Audi, Crystal Growth Centre, Anna University, Chennai-600 025, India.

Important Dates

Last date for Registration: **10-03-2022**

Notification of Acceptance: **12-03-2022**

Workshop Period : **21-26 March, 2022**

Registration other Information

- No registration Fee
- Total participants will be restricted to 25.
- TA/DA will be provided to all selected participants.
- Accommodation will be provided.
- Students should enclose a recommendation letter from the HOD/Supervisor along with registration form.

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REGISTRATION FORM

Name :.....

Gender:.....

Category:.....

(PG Student/ Research Scholar)

Address:.....

.....

.....

Pin code :.....

Mobile :

Email:.....

Accommodation Required: Yes / No

Signature of HOD/
Supervisor

Signature of
participant

Registration Link:

<https://forms.gle/GyG7wnb8c31Kn6aGA>

Contact Details :

Prof. S. Moorthy Babu

Director & Professor

Crystal Growth Centre

Anna University

Chennai – 600 025

Tel:91-44-2235-8316/8322/8344

Email: cgckaryashala2022@gmail.com

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