

One day sensitization program on FTIR & Electrochemical Studies, 08-06-2019, 2:00 pm – 5:00 pm

About The Institute :

Nanotech Research, Innovation and Incubation Centre (NRIIC) at PSG Institute of Advanced Studies (PSGIAS) is equipped with state of the art facilities for nanomaterial synthesis and characterization, thin film device design and modeling, device fabrication and electrical characterization. Fabrication facilities are housed in class 1000 clean room.

About EC and FTIR Facility:

FTIR Spectrophotometers are used in numerous fields and applications such as automobiles, medicines, chemicals and polymers etc. IR affinity -1s incorporates a high throughput optical element and a dynamic alignment mechanism which allow the user to experience a level of performance that surpasses that of general-purpose instruments. The interest for multichannel potentiostats incorporated with battery testing, capacitor & super capacitors, corrosion & coatings, fuel cell & sensors testing. To address all these applications Bio – Logic VSP/VMP3b - 20 research grade multichannel potentiostats / galvanostat was used with five independent potentiostat channels.

About the training programme:

The main objective of this program is to familiarize prospective users with features and capabilities of FTIR and Electrochemical techniques. The participants will be introduced to the advanced techniques with demonstration.

Who should attend?

Research scholars, Post graduate students, Faculty members.

Agenda

| Program | Time |
|---|--------------------|
| <ul style="list-style-type: none"> ➤ Principles and applications of FTIR ➤ Fundamental of electrochemical techniques and their uses ➤ Demonstration of FTIR ➤ Demonstration of Bio – Logic VSP/VMP3b 20 workstation | 2:00 pm to 5:00 pm |

How to register:

Seats are limited and registration on first come first served basis. Reserve your seat by sending an email to rss@psgias.ac.in with subject line as FTIR & EC Studies.

Co-ordinators:

- Dr R Sivasubramanian, Faculty In-charge

For Further details contact:

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