



SERB (KARYASHALA) sponsored workshop
on
***Nanocomposite by RF Magnetron Sputtering and
Thermal Co-Evaporation***
(24th June 2022 to 30th June 2022)



at
Department of Physics
Malaviya National Institute of Technology Jaipur

‘KARYASHALA’

‘KARYASHALA’ scheme by SERB new Delhi is aimed to provide hands-on experience and lectures to the PG and PhD students primarily from universities, colleges, private academic institutions, and newly established institutes in handling/troubleshooting of high-end scientific instruments and such skill development on themes required for research work.

‘ELIGIBILITY’

The scheme is meant to support regular PG level students and early stage PhD students who are having a strong orientation towards scientific and engineering research and are pursuing their degree from University / Institution within India (primarily from universities, colleges, private academic institutions) in the fields of Science and Engineering and having an interest in scientific research. The event is only to support/train potential PG and PhD level students in their endeavors for pursuing a scientific career. This karyashala is primarily for those who do not have the access to such esteemed research environment in their parent institution.

‘Task’

- ❑ The period of the Karyashala is of 7 days .
- ❑ The candidates will learn how to synthesize the nanocomposite thin films using RF magnetron sputtering and thermal co-evaporation and also its different characterizations such as SERS, UV-visible spectroscopy, TEM etc.
- ❑ The candidates would be given tasks/assignments, on which, he/she should work and prepare a report to be submitted.
- ❑ A certificate regarding successful completion of Karyashala shall be issued to the candidates on satisfactory completion of the event and on submission of the assignment report.
- ❑ Candidates not completing the requisite period will not be issued any certificate.
- ❑ Lectures from eminent experts from IITs/NITs/Govt Labs would be delivered in the Karyashala.

‘HOW TO APPLY’

- The applicant should fill the online application form to apply using the link given below:
<https://forms.gle/TjBtRn3gqjxVaAoh9>
- The applicants must produce a letter of authentication from their Supervisor / Head of the Department / Head of the Institute indicating their association with the Institute and “No Objection Certificate (NOC)” for allowing their student to undergo karyashala, if selected.
- The last date to apply is 17th June 2022.

‘REGISTRATION FEE’

There is no registration fee for the participants for this event. The event is limited to 25 students only. The selection of the eligible PG and early stage PhD students will be done based on the recommendations of the duly constituted Selection Committee. Hostel accommodation and travel by train may be provided to the candidates.

‘CONTACT’

Dr. Rahul Singhal (Event Organizer)
Email: rsinghal.phy@mnit.ac.in

Department of Physics
Malaviya National Institute of Technology
Jaipur
JLN Marg, Malviya Nagar, Jaipur – 302017,
Rajasthan
Phone: 0141-2713250