



SERB New Delhi sponsored High End

KARYASHALA on

## *Synthesis and Characterizations of Au-ZnO nanocomposite thin films*

(20-26 February 2023)

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 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 (mainly M.Sc./M.Tech. students in relevant discipline) 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 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 and also its different characterizations and data analysis.
- 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/Central Universities/Govt Labs would be delivered in the Karyashala.

### ‘REGISTRATION FEE’

The candidate, if selected for the KARYASHALA are required to submit a Registration Fee of Rs. 2360/- ( including 18 % GST ) via online bank transfer in the following bank account and then submit the copy of transaction to [rsinghal.phy@mnit.ac.in](mailto:rsinghal.phy@mnit.ac.in)

- A/c No.: 676801700388
- A/c Name: Registrar, Sponsored Research, MNIT Jaipur
- IFSC Code: ICIC0006768
- Branch: MNIT Jaipur

### ‘HOW TO APPLY’

- The applicant should write to event organizer (EO- Dr. Rahul Singhal) on his email ([rsinghal.phy@mnit.ac.in](mailto:rsinghal.phy@mnit.ac.in)) with a letter of recommendation 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 candidate must attach his/her current resume with the application.
- The last date to apply is 31<sup>st</sup> January 2023 (5:00 pm)

### ‘CONTACT’

Dr. Rahul Singhal (Event Organizer)

Email: [rsinghal.phy@mnit.ac.in](mailto:rsinghal.phy@mnit.ac.in)

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