

Hands-on Training Workshop on

ADVANCED MATERIAL CHARACTERIZATION BY SOPHISTICATED RESEARCH INSTRUMENTS

28th April to 4th May, 2023

Under the Scheme

Synergistic Training Program Utilizing the Scientific and Technological Infrastructure (STUTI)

Sponsored by

Department of Science and Technology, Government of India



Organizing Team

Chief Patrons



Prof. Neelima Gupta

Vice Chancellor
Dr. Harisingh Gour Vishwavidyalaya
Sagar (M.P.)



Prof. Ina Shastri

Vice Chancellor
Banasthali Vidyapeeth, Rajasthan

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Chief Coordinator CAR

Prof. S.K. Jain Prof. R. Kumar Prof. R. Das

Coordinators-CAR

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Dr. Harisingh Gour Vishwavidyalaya, Sagar

Co-Convener

Dr. Abhilasha Durgabanshi

Department of Chemistry
Dr. Harisingh Gour Vishwavidyalaya, Sagar

Coordinators

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(PMU Coordinator)

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Dr. Anupama Chanda

Department of Physics

Dr. Kalptaru Das

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Technical Associate

Shri Ramesh Prajapati

Shri Saurabh Sah, Shri Ashish Chadar

CAR, Dr. Harisingh Gour Vishwavidyalaya, Sagar

Program Highlights

- Basic theories and functions of instruments
- Training on non-destructive characterization techniques
 - Xray Diffractogram (XRD)
 - Nuclear Magnetic Resonance (NMR) Solid state and Liquid state
 - Scanning Electron Microscope (SEM)
 - Gas Chromatography Mass Spectroscopy (GC MS)
 - Liquid Chromatography Mass Spectroscopy (LC MS)
 - Spectroscopic Elipsometer
 - FTIR
 - Rheometer

Who can participate

Faculty members, Research scholars of Science & Engineering streams

Important

- Lodging & Boarding will be provided by the university
- TA (Sleeper Class Train or Bus fare **Actual** for participants)
- Maximum number of participants is limited to 40
- Application deadline **15th April 2023**

Free Registration

Link

<https://forms.gle/TqipG6YM13Y5ebaY8>

Contact

Mob 7891936446

e-mail : car@dhsgsu.edu.in

Selected participants will be notified via e-mail/Phone



Organized by

Centre for Advance Research (CAR)

Dr. Harisingh Gour Vishwavidyalaya

(A Central University), Sagar (M.P.)

In Association with

Banasthali Vidyapeeth

Rajasthan

BIODATA

NAME Prof./Dr./Mr./Ms.																	

DESIGNATION																	
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ORGANIZATION																	

DATE OF ENTRY IN SERVICE																	
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COMPLETE ADDRESS (OFFICE)																	

COMPLETE ADDRESS (RESIDENCE)																	

CONTACT DETAILS	PHONE (O)	PHONE (R)	MOBILE No.	E-MAIL

EDUCATIONAL / PROFESSIONAL QUALIFICATIONS (GRADUATION ONWARDS)					
Sr. No.	EXAMINATION/ DEGREE	UNIVERSITY/ INSTITUTE	YEAR	SUBJECT	DIVISION/PERCENTAGE OF MARKS

EXPERIENCE					
Sr. No.	NAME OF THE ORGANISATION	DESIGNATION	FROM	TO	DUTY PERFORMED

TRAINING ATTENDED				
Sr. No.	YEAR	NAME OF THE TRAINING PROGRAMME	NAME OF THE INSTITUTE	DURATION

RESEARCH EXPERIENCE				
Sr. No.	YEAR	TOPIC OF RESEARCH	SPONSORING AGENCY	GIST OF REASEARCH

PAPER PUBLISHED / PATENT FILED/OBTAINED				
Sr. No.	YEAR	TOPIC OF PAPER/ BOOK	GIST OF PAPER	NAME OF JOURNAL/ MAGZINE/ PUBLISHER

Briefly give details of significant contribution made by you in the field of Science & Technology during your career. (100 words)

Date:

(Signature)

