

## National Advisory Committee

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Prof. A. P. Mishra, Dean, H. S. Gaur Central University, Sagar  
Prof. Bharat Mishra, Vice Chancellor, MGCG Vishwavidyalaya, Chitrakoot  
Dr. B. S. Tomar, BARC, Mumbai  
Dr. Dhanjai, Allahabad University, Prayagraj  
Prof. D. K. Awasthi, UPES, Dehradun  
Prof. D. S. Pandey, Banaras Hindu University, Varansi  
Dr. Gobardhan Lal, DMSRDE, Kanpur  
Dr. Harikrishna Verma P.R., Director, SCTI for Medical S & T, Trivandrum  
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Dr. M. Parida, Director, DRDE, Gwalior  
Dr. Mayank Dewedi, Director, DMSRDE (DRDO) Kanpur  
Dr. R. P. Bajpaie, Chancellor, Velteck University, Chennai  
Dr. R. P. Singh, NCL, Pune  
Prof. Ranjeet Verma, Vice Chancellor, Munger University, Munger  
Prof. Shishir Sinha, Director General, CIPET (govt. of India), Chennai  
Dr. Shiv Kumar, Director, ER & IPR (DRDO), New Delhi

## Local Organizing Committee

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Prof. S.K. Gupta	Prof. K.S. Thakur
Prof. Y.K. Jaiswal	Prof. S.K. Singh
Prof. Nalini Shrivastava	Prof. R.K. Khatik
Dr. Poornima Kishore	Prof. Vivek Bapat
Prof. I.K. Patro	Prof. A.K. Singh
Prof. M.K. Gupta	Prof. S.K. Dwivedi
Dr. Harendra Sharma	Prof. S.D. Sisodia
Prof. S.N. Mahapatra	Prof. Yogesh Upadhyay
Prof. J.N. Gautam	Dr. Swarna Parmar
Prof. Hemant Sharma	Prof. D.N. Goswami
Prof. S.S. Tomar	Prof. Sanjay K. Gupta
Dr. S.S. Bhagyvant	Prof. Sanjay Kulshreshtha
Dr. Suman Jain	Dr. Ganesh Dubey
Dr. Mukul Tailang	Dr. Nimisha Jadon
Dr. Manoj Sharma	Dr. P.K. Jain
Dr. Navneet Garud	Prof. D. Kumar
Dr. P. Dipak	Dr. S. Dwivedi
Dr. Abhay Mishra	

## Chief Patron

Prof. Avinash Tiwari  
Vice Chancellor, Jiwaji University, Gwalior

## Patron

Dr. A.K. Saxena  
Ex-Director, DMSRDE, Kanpur

## Chairperson

Prof. D. C. Tiwari  
Jiwaji University, Gwalior

## Convener

Prof. Radha Tomar  
Jiwaji University, Gwalior

## Organizing Secretary

Prof. D.C. Gupta, Jiwaji University, Gwalior  
Dr. K.N. Pandey, DMSRDE, Kanpur

## Registration Form

Name: \_\_\_\_\_  
Affiliation: \_\_\_\_\_  
Status (Students/Scientist/ Faculty): \_\_\_\_\_  
Designation: \_\_\_\_\_  
E-mail: \_\_\_\_\_  
Mobile/Phone No.: \_\_\_\_\_  
I shall attend the conference and present a paper: (Oral/ Poster)  
Accommodation required: (Yes/No)  
Paper title: \_\_\_\_\_  
For more details, please visit: <http://www.jiwaji.edu>  
The registration fee should be paid electronically to the

Registrar, Jiwaji University, Gwalior  
Central Bank of India  
A/C No.: 3190562389  
IFSC Code: CBIN0283189  
MICR Code: 474016012

Accommodation will be provided to the delegates on payment basis.



## National Conference on

**"Study of Nanomaterials and Scientific Developments in 21<sup>st</sup> Century"**

**March 16<sup>th</sup> – 18<sup>th</sup>, 2023**

**Organized Jointly**

**By**

**Jiwaji University, Gwalior**

**&**

**Academy of Microscope Science and Technology, India**



## About Jiwaji University

Jiwaji University situated at Gwalior was established by the MP University Act of 1964 as a state University with affiliated colleges of Gwalior and Chambal division of Madhya Pradesh. The University campus came up on 225 acres of land on Naulakha Parade Ground in Mahalgaon area. The University has celebrated its Golden Jubilee in 2014. Many departments of the University are recipient of the FIST, DST, New Delhi, RUSA and SAP grants from UGC, New Delhi. University runs different course in MA, M.Com., M.Sc. and Ph.D. University also have well developed Central Instrument Facilities for the characterization of the material such as XRD, FTIR, TEM, HPLC and Particle Size Analyzer etc.

## Gwalior City

Gwalior city is named after Rishi Galav. It has many ancient monument and places. The historic fort atop the hill is right in middle of the city. The Gwalior Fort house the prestigious Scindia School, Teli Ka Mandir, Saas-Bahu Ka Mandir, Gurudwara, Data Bandi Chhor, Maan Mandir (Raja Maan Singh's Palace), Jahangir Mahal and Karn Mahal etc. The fort houses Gujri Mahal and ASI Museum. The famous Tansen Samaroh is held every year at the Mohommad Ghaus's Tomb and Tansen ki Samadhi. Gwalior was the capital city of erstwhile princely state of Scindias, founded by Late Mahadaji Scinde. Maharaj Bara, developed by Late Maharaj Jiwaji Rao Scindia at the heart of city, boast of a park, government printing press, theater, banks, and head post office. It is also the city's shopping heart line. Rani Laxmi Bai's Chhatri symbolize her martyrdom and there are also cenotaphs of Scindias. Pitambra Peeth at Datia (75Km) and famous Jain Tirth at Sonagiri (65Km) are spiritual places while Orchha and Agra (120Km) have their own fame. About 125Km down south, the summer capital of Scindia's is known as Shivpuri where one can visit Madhav National Park and Chandpata Lake.

## Weather

During March, the temperature lies between 25-30°C, at Gwalior, M.P.

## About AMST

The Academy of Microscope Science and Technology (AMST) is constituted to provide a common platform to the researchers to share their knowledge and extend collaboration, so that the multi-dimensional growth could be achieved in main three branches of science & technology, e.g., materials science, life science and instrumentation. The society provides help to the researchers involved in indigenous development of instrument to facilitate R&D activities.

# NATIONAL CONFERENCE ON "Study on Nanomaterials and Scientific Developments in 21<sup>st</sup> Century" & V<sup>th</sup> Annual Meeting of "Academy of Micro- scope Science & Technology (AMST), India"

March 16<sup>th</sup> - 18<sup>th</sup>, 2023

A three-day National Conference is going to be organized by School of Studies in Chemistry, Jiwaji University & AMST, Kanpur.

## Target Participants

The Conference is intended for the Young Researcher and Faculty member of various Universities/Institutions, Scientist, Colleges and Post Graduate (PG) Students.

## Aim of the Conference

To exchange the latest state of the art and scientific information of the nanomaterials, and recent development in the field of science and technology. To provide a platform to the participants for exchanging the knowledge and for interacting with Senior Scientist of national repute so as to get acquainted with the latest scenario in the concerned field. To establish a working relationship and to explore the future research prospects, by way of collaboration.

## Objectives

This National Conference has been proposed with the aim to help all the faculty member/Scientist/Young Researcher to upgrade their knowledge and enhance confidence by interacting with expert in the field. We are living in the era of nanomaterials. There are numerous areas of concern in the nanomaterials market which are predictable to be explored in the approaching years, for instance, nanoparticles or nanocrystals of metals and semiconductors, nanowires, nano-biological systems and nanotubes. In this National Conference, we are expected to cover wide range of topics right from physical sciences to life sciences. The scientific deliberation at the conference will cover a wide range of topics on various scientific fields, in the form of invited talks, seminars and contributed papers. Some good paper after review will be published in ISSN proceeding/referred journals. We invite cordially researchers in the field listed below and related areas:

- ◆ Inorganic/Organic Nanomaterials
- ◆ Nanotubes, Nanoparticles and Nanowires
- ◆ Nanomaterials for Chemical and Catalytic Applications
- ◆ Functional Nanomaterials and Nanocomposites
- ◆ Porous Nanomaterials and Mesoporous Materials
- ◆ Self-Assembly, Supra and Nano-Molecular Systems and Materials
- ◆ Impact of nanomaterials on environmental problems

## Submission of Abstract:

Author should submit an abstract and unpublished paper not exceeding 100 words without figures. The abstract should include:

**Title:** MS word in Arial (sized 16 points) in single space

**Authors Name:** MS Word in Arial (Size 14 points)

**Affiliation:** MS Word in Arial (Size 12 points)

**Abstract:** MS Word in Arial (Size 12 Points) in single space

Abstract should briefly include the purpose of study, methods, results and conclusions. At the bottom of the page, please indicate the category (thrust area).

## Important Dates

Last date for Abstract Submission 15<sup>th</sup> Feb 2023

Acceptance of Abstract 20<sup>th</sup> Feb 2023

Date of full paper submission 25<sup>th</sup> Feb 2023

Last date for registration 25<sup>th</sup> Feb 2023

## Paper Submission

The abstract should be electronically submitted to;

Dr. D.C. Tiwari Email: [dcTiwari2001@yahoo.com](mailto:dcTiwari2001@yahoo.com) Mob: 9425700218 &

Cc to: Dr. U.P. Verma Email: [upv@airtelmail.in](mailto:upv@airtelmail.in) Mob. 479305510

Bcc to: Prof. Radha Tomar Email: [radha\\_tomar11@yahoo.co.in](mailto:radha_tomar11@yahoo.co.in)

## Registration Fee

**Delegates** Rs 1,500/-

**Students** Rs 600/-

\*Registration includes working lunch.

## Travel

Gwalior is well connected by road, rail and air. It is an important station of the North Central Railway. Almost every train stops at Gwalior. The Railways Station and Bus Stands are at a distance of 4Km from the University. The three wheelers charges are about Rs 70 -80/-. The delegates may reach the site on their own directly to the School of Studies in Chemistry, or places of accommodation allotted where help desk will be maintained from 1st Mar 2023.

## List of Invited Speakers

Prof. A. C. Pandey	Director, IUAC, New Delhi
Dr Alok Kumar Sahu	Director, CIPET, Raipur
Prof Bhuvnesh Gupta	IIT, New Delhi
Dr. Mrtunjay K. Pandey	ER & IPR (DRDO), New Delhi
Dr. N G Sahu	Kumaun University, Nainital
Prof. O P Pandey	Thapar University, Patiala
Dr. Pramod K. Yadava	VBSP, University, Jaunpur
Dr. P Prabhakar Rao	NIIST (CSIR) Thrivanthpuram
Dr. Pankaj Srivastava	ABV IIITM, Gwalior
Dr. Prabhat Dwivedi	IIT, Kanpur
Prof. R. Bhar	Jadavpur University, Kolkata
Dr. Rishi Sharma	Pilani
Dr. Rajat Banerjee	CGCRI, Kolkata
Prof. Rohit Srivastava	Dayalbag, Agra
Prof. Sushant Banerjee	IIT, Kharagpur
Prof. Sayendra Mishra	NMH University, Jalgaon
Prof. Vandana Singh	Allahabad University, Prayagraj