

# INDIRA GANDHI NATIONAL TRIBAL UNIVERSITY

## DEPARTMENT OF CHEMISTRY

*Organizes*



**DST-SERB SPONSORED**

**TWO DAYS WORKSHOP UNDER THE SSR SCHEME**

**“For Chemistry Faculty from nearby colleges”**

**ON THE TOPIC ENTITLED AS**

**‘EXPERIMENTAL AND SPECTROSCOPIC TECHNIQUES TO UNDERSTAND ORGANIC MECHANISMS’**

**MARCH 3-4, 2023**



## THEME OF WORKSHOP

OVERVIEW OF BASIC APPROACH TO EXPERIMENTALLY DETERMINING ORGANIC REACTION MECHANISMS

REACTION PROGRESS ANALYSIS

KINETIC ISOTOPIC EFFECT (KIE)

LINEAR FREE ENERGY RELATIONSHIPS (LFER)

HYDROGEN BONDING PARAMETERS

KINETIC RESOLUTION (KR) & DYNAMIC KINETIC RESOLUTION (DKR)

SPECTROSCOPIC TECHNIQUES (UV, IR, NMR AND MASS) AND ISOTOPIC LABELLING EXPERIMENTS TO DEDUCE ORGANIC MECHANISMS

## Invited Speakers



**Prof. Kallol Kumar Ghosh**  
Pt. Ravishankar Shukla  
University Raipur, India



**Prof. Saumen Hajra,**  
CBMR Lucknow, India



**Prof. Alakesh Bisai**  
IISER Kolkata, India



**Prof. Joyanta Choudhury**  
IISER Bhopal, India



**Prof. Subrata Jana**  
IGNTU Amarkantak, India



**Dr. Subhash Chandra Ghosh**  
CSIR-CSMCRI Bhavnagar,  
India



**Dr. Bhoopendra Tiwari**  
CBMR Lucknow, India



**Dr. Tabrez Khan**  
IIT Bhubaneshwar, India



**Dr. Indranil Chatterjee**  
IIT Ropar, India



**Dr. Saroj Ranjan De**  
NIT Uttarakhand, India



**Dr. Sanjay Pratihar**  
CSIR-CSMCRI Bhavnagar,  
India



**Dr. Khemchand Dewangan**  
IGNTU Amarkantak, India

## Organizing Committee

### Patron



**Prof. Shri Prakash Mani Tripathi**  
Hon'ble Vice-Chancellor  
IGNTU, Amarkantak, M.P.

### Chairman

**Prof. Tanmay Kumar Ghorai**  
Head and Dean (FOS),  
IGNTU, Amarkantak

### Vice Chairman

**Prof. Subrata Jana**  
Department of Chemistry  
IGNTU, Amarkantak

### Convenor

**Dr. Biswajit Maji**

### Co-Convenor

**Dr. Khemchand Dewangan**

### Hon'ble Committee Members

**Dr. Sadhucharan Mallick, Dr. Ajay Shankar, Dr. Avnish Shukla**

## Registration

**Who can participate:** Chemistry faculty from nearby colleges of IGNTU, Amarkantak (M.P.)

**Registration Link:** use the link <https://forms.gle/8WZzgKMtUXKNzjTA>

Free Registration

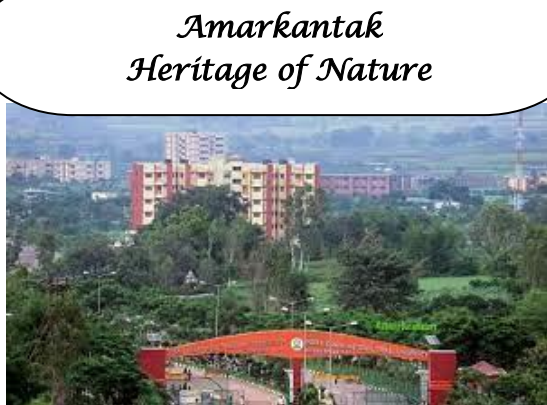
Registration deadline: 20<sup>th</sup> Feb. 2023 (until 5 pm)

The registered candidates will be confirmed *via* e-mail for participation to this workshop program within 2 days from the registration deadline.

## Accommodation

- Participants opting for accommodation during the workshop need to pay as per the below given tariff rates.
  - ❖ Guest House (a Single room is for one person): Rs 600.00
  - ❖ Guest House (a Single room is for two persons): Rs 700.00
- For Hard copy of a Certificate, additional rupees of Two Hundred must be paid.

**For queries:** Use the Link <https://chat.whatsapp.com/C6ULr5u3VQJ0Yz7v04iFH7>  
e-mail: [pushpendramanishukla@gmail.com](mailto:pushpendramanishukla@gmail.com)



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