

## Organising Committee

- ❖ Dr. Bandana Kumari, Associate Prof, University Dept of Zoology, RU
- ❖ Dr. Nayni Saxena, Associate Prof, University Dept of Zoology, RU
- ❖ Dr. Rohit Srivastava, Asst. Prof, University Department of Zoology, RU
- ❖ Dr. Neeta Lal, Asst. Prof, University Department of Zoology, RU
- ❖ Dr. Seema Keshari, Asst. Prof, University Department of Zoology, RU
- ❖ Dr. Anand Kumar Thakur, Asst. Prof, University Department of Zoology, RU
- ❖ Dr. Shipra, Member IQAC, Associate Prof, University Department of Home Science, RU
- ❖ Dr. Rajkumar Singh, Member IQAC, Asst. Prof, University Department of Physics, RU

## Advisory Committee

- ❖ Dr. S K Trigun, Head of Department, Zoology, BHU
- ❖ Dr. Deep Narayan Pandey, Asst. Prof. JNU, Delhi
- ❖ Prof. Kunul Kandir, Dean, Faculty of Science, RU
- ❖ Prof. Bijay Singh, HOD, Geology, RU
- ❖ Dr. G. S. Jha, Expert Advisor, IQAC, RU
- ❖ Dr. Ramakrishna, Former. Director ZSI, Bengaluru
- ❖ Dr. M K Jamuar, Retd. Prof. Department of Zoology, RU
- ❖ Dr. Taruna Bansal, Department of Geography, Jamia Milia Islamia University
- ❖ Dr. Pradeep Kumar, IFS
- ❖ Dr. Anshumali, Department of Environmental Science and Engineering, IIT Dhanbad
- ❖ Dr. Uday Kumar, Ex Head of Department, Geology, RU
- ❖ Dr. Bikash Das, ICFRE, Palandu, Ranchi
- ❖ Dr. Sulkalyan Chakraborty, BIT, Mesra

## Contact Details:-

1. Dr. Soni Kumari Tiwari Mob.: +91- 8102221203
  2. Rashika Agrawal Mob: +91-7549048441
- Email: [conferenceccru@gmail.com](mailto:conferenceccru@gmail.com)

- Chief Patron** : **Shri C. P. Radhakrishnan**  
Hon'ble Governor cum  
Chancellor, Jharkhand
- Patron** : **Dr. Ajit Kumar Sinha**  
Vice Chancellor, Ranchi  
University
- Co Patron** : **Dr. Arun Kumar Sinha**  
Pro Vice Chancellor, Ranchi  
University
- Convener** : **Dr. Braj Kishore Sinha**  
Head, University Dept. of  
Zoology, RU
- Co Convener** : **Dr. Smriti Singh**  
Member IQAC,  
Asst. Prof, University Dept of  
Chemistry, RU
- Organizing  
Secretary** : **Dr. Soni Kumari Tiwari**  
Member IQAC,  
Asst. Prof, University Dept. of  
Zoology, RU

## Highlights of Conference

- Lectures by eminent speakers.
- Oral/poster presentation sessions.
- Awards: Best oral/poster presentation.
- Interactive session & expert panel discussion.

## Eminent Speakers:

Dr. Pradeep Kumar, IFS  
Former PCCF, Govt. of Jharkhand

Dr. Uma Shanker Singh, IFS  
Former PCCF, Govt. of UP

Prof. (Dr.) S. K. Trigun  
Dept of Zoology, BHU

Dr. Dhriti Banerjee, Director, ZSI

Dr. Naga Raja Rao,  
Retd University Prof. Osmania University, Hyderabad



## National Conference (Multidisciplinary)

&

## Symposium

on



आज़ादी का  
अमृत महोत्सव



भारत 2023 INDIA

## Climate Change: Challenges and Opportunities 25-26 May 2023

Organized by

**IQAC**

&

**University Department of Zoology  
Ranchi University, Ranchi**

## Important dates :

Last Date for submission of Abstract: 20<sup>th</sup> May 2023

Last Date for Registration: 20<sup>th</sup> May 2023

Confirmation of Acceptance: 22<sup>nd</sup> May 2023

## Call for Abstracts

Registration and submission of abstracts for **Oral/Poster** presentations, can be through Google Forms on or before **20<sup>th</sup> May 2023**. (For Abstract: **Word limit- 250, Font- Times New Roman, Font Size-12 and Spacing-1.5**, either Word or PDF file)

## Link For Registration:

<https://forms.gle/naSBoXS1opLX9Tdq8>

Link for WhatsApp group:

<https://chat.whatsapp.com/J7cpQH6pK5hFd3sheeomaA>

## Venue:

**University Department of Zoology,**  
Morabadi Campus,  
Ranchi University, Ranchi

## Invitation:

It is a matter of great pleasure to invite you to National Conference (Multidisciplinary) & Symposium on Climate Change : Challenges and Opportunities organised by IQAC & University Department of Zoology, Ranchi University on 25<sup>th</sup> to 26<sup>th</sup> May 2023 at University Department of Zoology, Morabadi, Ranchi.

## About Ranchi University :

Ranchi University came into existence on 12<sup>th</sup> of July 1960 as an autonomous institution as it was carved out of erstwhile Bihar University. The University started with ten Postgraduate Departments, one Constituent College and 20 affiliated Colleges; today, it has 30 Postgraduate Departments, 19 Constituent Colleges and 47 affiliated Colleges which are catering to the needs of nearly 1.6 lacs of students. With a view to make Higher Education accessible to a vast population of a predominant tribal region, this University has been rendering valuable services to a big chunk of marginalized young generation since its establishment. The University is committed to academic excellence in teaching and research, innovation and creativity, respect for cultural diversity, individual dignity and worth, responsible stewardship and conservation of resources, leadership and involvement in the economics, social and professional growth of the region and the nation.

## About University Department of Zoology :

University Department of Zoology was established in the year 1955, with Prof. K C Bose as Head of the Department. With more than 6 decades of its glorious existence as an ideal centre for teaching and research in Zoology, it has carved out a niche for itself in India. Approximately 270 scholars have been awarded doctorate degree of Ranchi University under the guidance of faculty members and more than 1600 research papers have been published by them. The department has the distinction of carrying out pioneering research in the field of fish endocrinology, ecology, environmental sciences, helminthology, human genetics, ethno-medical zoology and wildlife management.

## About Ranchi

Ranchi is the capital city of the Indian state of Jharkhand. It is located in the eastern part of the country and is known for its rich mineral resources, particularly coal and iron ore. Ranchi is situated on the ChotaNagpur Plateau, which is characterized by hills and forests. Ranchi has a moderate climate throughout the year, with pleasant weather. It has got many tourist spots with various temples, dams, biodiversity park and falls.

## Concept / About The Conference :

Climate change refers to long-term shifts in temperatures and weather patterns. These shifts may be natural, such as through variations in the solar cycle. But since the 1800s, human activities have been the main driver of climate change, primarily due to burning fossil fuels like coal, oil and gas.

“It has been clear for decades that the Earth’s climate is changing, and the role of human influence on the climate system is undisputed.”

– *Masson-Delmotte*

“Climate change is already affecting every region on Earth, in multiple ways. The changes we experience will increase with additional warming.”

– *IPCC Working Group I Co-Chair Panmao Zhai*

Climate change poses a significant threat to communities and businesses globally. Rising temperatures, sea levels, and natural disasters are already profoundly impacting our economies, societies, and the environment. To mitigate these effects, it is essential that we collaborate and work towards building resilience and ensuring a sustainable future.

The Climate Change : Challenges and opportunities Conference is a gathering of experts, practitioners, policymakers, and stakeholders aimed at fostering the exchange of ideas, sharing successful strategies, and exploring the challenges and opportunities for strengthening resilience in the face of climate change. The conference will provide a valuable opportunity for attendees to network, learn from each other, and gain new insights into the challenges and opportunities of building resilience in the face of climate change. It will be a platform for exchanging ideas, sharing experiences, and fostering collaboration between key stakeholders in this critical area.

## Objectives:

The major objectives of the conference are the following:

- To raise awareness about the impacts of climate change, and the urgent need for action to mitigate its effects.
- To share latest information and findings on climate change, and to discuss the potential solutions.
- To serve as a catalyst for action on climate change, inspiring individuals, organizations, and governments to take concrete steps.
- To discuss and develop strategies, policies, and frameworks for addressing climate change at local, national, and international levels.

## About Presentation and Awards

**Poster Presentation:** The dimensions of the poster should be 4 feet wide and 3 feet height. There will be Best Poster award.

**Oral Presentation:** Best abstracts will be considered for oral presentation. The time limit for oral presentation will be 8 min. Three best papers will be awarded.

## Focal Theme :

### Climate Change : Challenges and Opportunities

## Sub Themes :

- ❖ Ecosystem and Climate Action
- ❖ Climate change mitigation and adaptation
- ❖ Cooperative activities and SDGs
- ❖ Environmental Pollution and waste management
- ❖ Environmental Chemistry and Toxicology
- ❖ Carbon Sequestration, Bioremediation and nanotechnology
- ❖ Environmental Microbiology and Biotechnology
- ❖ Environmental Geography
- ❖ GIS and Natural Disaster
- ❖ Environmental health and hygiene
- ❖ Climate justice: Socioeconomic and Psychological Climate Change impact
- ❖ Climate Change: Water and Food security
- ❖ Renewable Energy and its Applications
- ❖ Recent Advancements in Science, Education & Research
- ❖ Indigenous culture towards sustainable ecosystem
- ❖ Aquatic and Terrestrial Ecology
- ❖ Biodiversity, Conservation and Management
- ❖ Natural Hazards and Disaster Management
- ❖ Solid, Hazardous and Plastic Waste Management
- ❖ Sustainable Aquaculture
- ❖ Integrated Pest Management
- ❖ Animal Ecology and Physiology

## Registration Fee

Academician and Delegates	Rs 1500/-
Research Scholars	Rs 1000/-
PG students	Rs 700 /-
Foreign Delegates	\$ 50

## Payment details

**Account Name : Seminar, Symposium, Workshop and Ph.D. Course Work fund A/c**

**Bank Name: PNB, Ranchi University Campus**

**Bank A/c No: 0785102100000369**

**IFSC Code No: PUNB0078510**

Outstation participants have to arrange their own accommodation. The outstation participants can stay in hotels viz. Capitol Hill, Raddison Blu, Golden Tulip, Le lac Sarovar, Green Acre, Etc.