



Central University of Rajasthan



National Conference

on

**Ecosystem Restoration: Role of Medicinal Plants
under Changing Climate (NCERMPC-2025)**

13th – 14th Feb. 2025

Organized by:

**Department of Environmental Science
School of Earth Sciences**



सत्यमेव जयते
Ministry of AYUSH
Government of India

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Hon'ble Vice Chancellor

Central University of Rajasthan, Ajmer

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Chief Executive officer

**National Medicinal Plants Board,
Ministry of Ayush, GOI, New Delhi**

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Preamble

Climate change is a pressing issue that has far-reaching implications for various sectors, including medicinal plants and their constituents. As a source of food, pollinators, and seed banks, among other crucial ecosystem services, medicinal plants are vital to the restoration of ecosystems. Nonetheless, they are susceptible to climate change, and their capacity for survival and adaptation is essential to their continued existence. In order to ensure the long-term availability of these priceless resources and to support sustainable ecosystem restoration efforts, it is imperative to comprehend how climate change is affecting medicinal plants. Due to the variety of herbal medicines made from medicinal plants, these are becoming increasingly rare. Medicinal resources are similarly impacted by climate change, and their preservation is currently a top priority. Medicinal plants have played a crucial role in human health and wellness throughout history, offering a diverse range of active compounds with potent therapeutic properties. However, the increasing frequency and intensity of climate change events pose significant threats to these valuable natural resources.

The purpose of this conference is to provide a thorough awareness of these intricate climate change issues, as well as to suggest approaches to mitigate the adverse impacts and support the global conservation and sustainable growth of medicinal plants for production of medicinal products and restoration of degraded ecosystems

Themes

- **Climate Change and Medicinal Plants**
- **Green and Circular economy**
- **Waste to wealth**
- **Ecosystem Restoration, combat with desertification, drought resilience**
- **Remote Sensing and GIS in tracking the physiological changes of medicinal plant Kingdom**
- **Green technologies for environmental sustainability**
- **Pollution control technologies**
- **Green fuel technologies**
- **Medicinal plants for global sustainability**
- **Adaptation Strategies for Medicinal Plants**
- **Enhancing Resilience in Medicinal Plants: Strategies for Adapting to Climate Change**
- **Ecological sphere and medicinal plants**

About Central University of Rajasthan

Central University of Rajasthan has been established by an Act of Parliament in March 2009, located in Ajmer District and operates through its own 518 acre of lush-green campus with all modern amenities. The University is fully funded by the Ministry of Education through University Grants Commission (UGC), New Delhi. The University has been accredited to the highest coveted 'A++' grade by NAAC in 2023 in its second cycle of accreditation and has been given the status of Category I University by UGC. Currently, Prof. Anand Bhalerao is the Vice Chancellor under whose leadership; the University is blossoming as a centre for higher education. The University has successfully completed a journey of 15 years starting in the year 2009 and has emerged as one of the fastest growing, flourishing institutes of higher education in Rajasthan. In this short span of time, the University has emerged as one of the top academic institutions by adopting cutting edge technology to impart knowledge for global outreach. The wide open, green and pollution free campus provides an aesthetic and salubrious environment to nurture and optimize the academics, research and holistic development through suitable engagements in sports and cultural activities that are crucial for maintaining well-being and accomplishing potential. The University offers 54 innovative Masters and Ph.D. Programmes in its 12 Schools and 32 Departments at par with global competence and is consistently striving to provide quality education and foster an environment that promotes academic excellence and holistic development.

About the School of Earth Sciences

The School of Earth Sciences is committed to provide interdisciplinary knowledge in the field of environmental and atmospheric sciences and their linkage with societal development. The prime goal of the school is to train manpower with scientific knowledge and technical skills in the field of earth sciences to serve local and global communities. The school is committed to create and effectively disseminate fundamental knowledge about Earth, its resources, and the processes within the earth, on the earth and in the atmosphere. In order to successfully pursue the vision and mission of the university, existing departments are working in various areas related to research, education, and outreach programs in collaboration with national and international organizations.

About the Department of Environmental Science

The Department of Environmental Science with the state of the art facilities and highly qualified faculty members is committed to providing students with an excellent educational and research experience that includes real-life environmental problem-solving, field and laboratory work using remote sensing, nanotechnology, ecology, environmental biotechnology, and chemistry geoscience and glaciology. The department offers 4-year UG, 2-year PG and PhD programs with multidisciplinary courses and a diverse research area.



Ultra High Performance Liquid Chromatography



Ion Chromatography



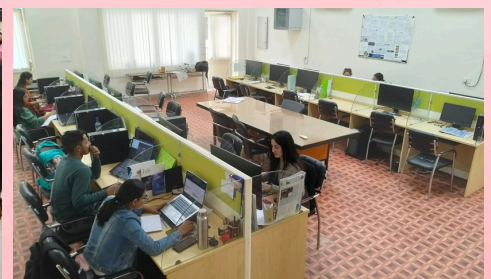
Phase contrast Microscope



Laminar Air Flow



Arc GIS



GIS & Remote Sensing Lab

Advisory Committee

- Prof. Deepak Aryal, Tribhuvan University, Nepal
- Dr. Dhiraj Pradhanga, Tribhuvan University, Nepal
- Dr. Bijon Kuamr Mitra , IGES, Japan
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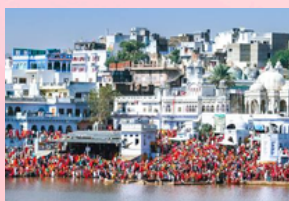
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Important Notes

- Registration fee includes conference kit and working lunch.
- After making online payment, authors are requested to share their bank's transaction details clearly to enable us to trace your payment in the bank statement.
- Registration fee once paid is not refundable in any circumstances.
- Registration fee is applicable for only one abstract, and no discount for multiple abstracts.
- Both oral and poster session will be conducted for Research Scholars and Post-Graduate students

Abstract Submission

- Abstracts must be written in Times New Roman, 12-font size and 1.5 spacing without insertion of any special symbol, formula, diagram, table, or reference.
- The sequence of the abstract: Title in running text; Authors name; Affiliation; Email ; Abstract body; Key words (not more than 5)
- Abstracts must be submitted along with the registration form through email.
- Paper titles are to be restricted within 25 words.
- Full name, affiliation, and emails of all authors should be included.
- Abstracts should clearly indicate the research problem, the methodology and results of the work within 400 words

Registration & Dates

All the delegates should register well in advance for participation in the conference.

Category of Registration	Before due date	After due date
Student/retired teacher	1000/-	1200/-
Faculty or Scientist	2000/-	2500/-
Accompanying person	1000/-	1200/-
Industry/NGOs	3000/-	4000/-

Important dates:

Registration & Abstract Submission: 15.01.2025

Late Registration: 15.01.2025

Publications:

All the selected/ presented papers at the NCMP-2025 will be published in an edited book volume with ISBN number.

Contact:

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