Prof. S.N. Raina, Amity Institute of Biotech, Amity University, Noida, Uttar Pradesh

Prof. R. N. Gohil, University of Jammu, Jammu & Kashmir

Prof. K.K. Sharma, University of Jammu, Jammu & Kashmir

Prof. Raj Kumar Rampal, University of Jammu, Jammu & Kashmir

**Target group:** Young graduates, Researchers, Scientist, Academicians from various science streams, experts from various aspects of Environmental Sciences.

#### Abstract

Interested participants are requested to send their abstracts to the sewhacn2022@gmail.com in 500 words with font size 12 with 1.5 spacing.

#### Awards

Best Poster and Paper Presentation award as per the thematic session in the conference will be given. Accommodation: On payment basis only

#### **Registration Fees**

Registration forms along with (Non-refundable) registration fee, should be sent to the Convener by September 05, 2022

Registration fee				
Delegates	Fees (Early bird) Before September 05, 2022	On spot registration		
Faculty	1500 INR	2000 INR		
Industry persons	2500 INR	3500INR		
Research Scholars	1000 INR	1200 INR		
Students	500 INR	800 INR		

#### Important dates

Dead line for abstract submission: September 05, 2022 Acceptance of abstract: September 06, 2022 Registration Deadline: September 05, 2022 S e n d y o ur all correspondence at E mail Id: sewhacn2022@gmail.com Contact Convener, SEWHACN-2022 Email: sewhacn2022@gmail.com Contact no.: 9469074762 (Mr. Zahid Nabi); 9797620361 (Mr. Shashi Kant Rai); 9906038728 (Mr. Zaheer Ud Din Sheikh); 0914961083 (Mr. Shubham); 9469074762; (Talwinder); 990677711; (Pradeep); 7298377262

#### REGISTRATION FORM NATIONAL CONFERENCE On

SUSTAINABLE ENVIRONMENT: WATER-HEALTH-AGRICULTURE- CLIMATE NEXUS 15th- 16th SEPTEMBER, 2022

## Name:

Prof./Dr./Mr./Ms.... Designation: .... Organization: .... Mailing Address: .... Email .... Presenting a paper: Yes / No Oral/ Poster: Mode of Presentation : Online/Offline Title of the paper:

### Phone: .....

Fax:....Accommodation required: Yes / No Payment Offline mode: Cash Online mode: Account details are: Name: HOD, Department of Environmental Sciences Acc No: 0902040500000028 IFSC: JAKA0RAHYAA

#### Details of the Bank Draft:

Draft No. & Date:		
Amount:Rs		
[ssuing Bank:	 	 

#### Signature

**How to reach:**By Road: Jammu is connected to other major cities of the state of Haryana, Uttarakhand, Punjab and Delhi via road. From bus stand, one can hire taxi to reach university.

**By Train:** The alternative to reach University is to travel by train. Jammu is one of the largest station in Jammu and Kashmir connected to all major Railway station of India. From station, one can hire taxi to reach university.

**By Air:** Jammu is one the major airport in Northern part of the country. Hire taxi or bus to reach university.



# NATIONAL CONFERENCE on SUSTAINABLE ENVIRONMENT: WATER-HEALTH-AGRICULTURE- CLIMATE NEXUS

# 15<sup>th</sup> - 16<sup>th</sup> September, 2022



## Organized by: Department of Environmental Sciences CENTRAL UNIVERSITY OF JAMMU

## VENUE

Central University of Jammu Rahya Suchani Bagla, District Samba Jammu and Kashmir, India – 181143

#### **About the University**

The Central University of Jammu came into existence on August 08, 2011, with the appointment of the first Vice-Chancellor. It was established by the Central Universities Act, 2009 (Act No.25 of 2009 read with the Central Universities Act, 2009). The university has 21 Departments working under different schools. The University carries out its administrative functions from its head office at Bagla, Rahya-Suchani, Distt. Samba. The Central University of Jammu campus at Village Bagla, Raya Suchani in District Samba, which is at an approximate distance of 25 Kms. from Jammu.

#### **About the Department**

The Department of Environmental Sciences (EVS), established in 2012, is offering M.Sc. and PhD. in Environmental Sciences. The Department is focusing to conduct quality research and education in this very relevant field of science. The Department is committed to research innovations through constant review, revision and to keep pace with the advances made in the discipline, emerging areas of research and development and the new technologies to understand and ameliorate environmental problems. The present curriculum conforms to the Choice Based Credit System recommended by the UGC wherein the students have been given choice to specialize in various specialized courses. The Department has major and minor research projects funded from UGC & DST enhancing the research quality and infrastructure. Certificate courses in advanced techniques like GIS and Remote sensing, sponsored by IIRS-ISRO, is running within the Department.

# ABOUT THE CONFERENCE/ THEME OF THE CONFERENCE

The main theme of the conference is "Sustainable Environment: Water-Health-Agriculture- Climate Nexus". The world is facing challenges in the area of water, energy and agriculture. To fulfill the basic requirements for life, human activities impose a serious stress over the environment which in severe cases may lead to unstable climatic conditions that often results climatic emergency. Climatic Emergency is a situation when an urgent action is required to reduce or halt climate change and avoid potentially irreversible environmental damage resulting from it. To meet the present generation needs resources should be used judiciously and in a sustainable way which is essentially by means of sustainable engineering i.e., by utilizing natural laws and physical resources in order to design and implement materials, structures, machines, devices, systems, and processes that meets human need while preserving the environment forever. The linkages among biodiversity, economic growth and development are well recognized in the global sustainable development agenda. The 2030 agenda for sustainable development highlights that biodiversity and healthy ecosystem are foundations for sustainable development. Sustainability should focus on people, planet and prosperity. Eradicating poverty and providing health and education in all its forms and dimensions is the greatest global challenge and an indispensable requirement for sustainable development.

#### Sub-themes

- ✓ Strategies and Technologies for Sustainable Development
- ✓ Impacts of Climate change on Agriculture
- ✓ Water Resources and Climate
- ✓ Biodiversity Conservation and Management
- ✓ Renewable and Non-Renewable Resources
- ✓ Bioenergy Resources: future prospects and Challenges
- ✓ Environmental Impact Assessment
- ✓ Climate and Microbial Sciences
- ✓ Human Health
- ✓ Climate Change and its Impact on Himalayan Cryosphere
- ✓ Land Degradation
- ✓ Natural Disaster and Mitigation
- ✓ Aerosol-Climate-Health Connection
- ✓ Circular Economy
- ✓ Recent trends in weather and climate forecast

#### Nearby places to visit:

Shri Mata Vaishno Devi (70 km), Patnitop (126 km), Shiv Khori (130 km), Mansar Lake (44 km), Surinsar Lake (44 km)

PATRON Prof. Sanjeev Jain Vice-Chancellor, Central University of Jammu

#### CHAIRPERSONS

**Prof. Sunil Dhar** HOD, Department of Environmental Sciences, Central University of Jammu **Prof. Deepak Pathania** Department of Environmental Sciences, Central University of Jammu

#### CONVENER Dr. Richa Kothari

Department of Environmental Sciences, Central University of Jammu

#### **ORGANIZING SECRETARIES**

Dr. Anita Singh Dr. Pankaj Mehta

Dr. Shweta Yadav Dr. Dinesh Kumar

#### **ORGANIZING TEAM**

Ms. Sonia, Mr. Zahid Nabi, Ms. Gagandeep Kour, Ms. Arti Devi, Ms. Kajol Goria, Ms. Bhawna Sharma, Ms. Indica Mohan, Ms. Shivali Kundan, Mr. Zaheer Ud Din Seikh, Mr. Shubham Raina, Ms. Anu Bharti, Ms. Konika Sharma, Ms. Preeti Verma, Mr. Shashi Kant Rai, Ms. Shafia, Ms. Neha Verma

### TREASURER

Mr. Talwinder Singh

#### SUPPORTING STAFF

Mr. Ramesh

#### LOCAL ADVISORY COMMITTEE

Prof. Devanand, Dean, School of Basic and Applied Sciences, Department of Computer Science & Information Technology, Central University of Jammu

Prof. Brijmohan Singh Bhau, Dean, School of Life Sciences, Central University of Jammu

Prof. Mustaq Ahmed, Head, Centre for Molecular Biology, Central University of Jammu

Dr. Yashwant Singh, Head, Department of Computer Science and IT, Central University of Jammu

Dr. Suram Singh, Head, Department of Physics, Central University of Jammu

Dr. Vinay Kumar, Head, Department of Nano Science and Material, Central University of Jammu

Dr. V. Shridharan, Head, Department of Chemistry & Chemical Sciences, Central University of Jammu

#### NATIONAL ADVISORS

Prof. R.C. Sobti, Former Vice Chancellor Babasaheb Bhimrao Ambedkar University, Lucknow, UP; and Panjab University, Chandigarh, Punjab

Prof. S. K. Mehta, Vice Chancellor, University of Ladakh, Ladakh Prof. Dharam Buddhi, Vice chancellor, Uttranchal University, Dehradun

Prof. Adarsh Pal Vig, Chairman, Punjab Pollution Control Board, Punjab

Prof. Ashok Kumar Srivastava, Veer Bahadur Singh Purvanchal University, Jaunpur, Uttar Pradesh

Prof. Sanjay Khajuria, SKUAST, Jammu

Prof. Anil V. Kulkarni, Divecha Center for Climate Change, IISc, Banglore

Prof. Ambrish Mahajan, Central University of Himachal Pradesh, Himachal Pradesh

Prof. S. K. Samdarshi, Central University of Jharkhand, Ranchi, Jharkhand

Prof. Akhilesh S Raghuvanshi, Institute of Environmental and Sustainable development, Banaras Hindu University, Varanasi

Prof. Milap Sharma, Jawahar lal Nehru University, Delhi

Prof. Manpreet S. Bhatti, GNDU, Amritsar

Prof. Rajesh Kumar, Central University of Rajasthan, Rajasthan Prof. Desh Raj Thakur, Himachal Pradesh University, Shimla, Himachal Pradesh

Prof. B. S. Deota Maharaja Sayajirao University of Baroda, Gujrat

Dr. Kishore Malviya, Director, SMS Envirocare, Nagpur, Maharastra

Prof. Piyush Malaviya, Department of Environmental Sciences, University of Jammu

Prof. S.K. Tyagi, Centre for Energy Studies, IIT Delhi, New Delhi Prof. Ravi Kumar Sharma, Department of Mechanical Engineering, Manipal University, Jaipur.

Prof. B.C Yadav, Department of Applied Physics, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, U.P.