



AMITY UNIVERSITY

MADHYA PRADESH

(Established by Ritnand Balved Education Foundation)

AMITY SCHOOL OF LIFE SCIENCES

OUTCOME REPORT

Of

NATIONAL E- CONFERENCE ON SUSTAINABLE DEVELOPMENT AND
CLIMATE CHANGE (NCSDDC 2021)

03 FEBRUARY 2021

Department of Environmental Science, Amity University Madhya Pradesh organized the National e- Conference on Sustainable Development and Climate Change (NCSDDC 2021) on **Feb 3, 2021**. The conference began at 10:00 AM on the Zoom platform with the inaugural session i.e., Saraswati Vandana and Felicitation of the guests. The opening remarks were given by **Honorable Vice Chancellor, Lt. Gen. VK Sharma AVSM (Retd)**. He spoke about the need for development of innovative technologies to mitigate the effects of climate change. The successful launching of the Covidshield vaccine by India can be attributed to the leadership resolve and technology development in the face of challenges.

The Chief Guest Prof. (Dr.) Arvind Kumar, Hon'ble Vice Chancellor Rani Laxmi Bai Central Agricultural University, Jhansi U.P. emphasized the need to increase agricultural production along with environmental protection. To meet this endeavor, technology development must outpace problems and challenges.

The first Keynote speaker Prof. (Dr.) Kasturi Mukhopadhyay School of Environmental Science JNU, New Delhi, India. She deliberated on the need to harness the potentials in the microorganisms for sustainable future. She discussed in details the research been conducted for utilization of *Staphylococcus* species for medicinal, probiotics and related applications.

The second Keynote speaker Prof. (Dr.) Pankaj Srivastava Department of Mathematics Motilal Nehru National Institute of Technology, Prayagraj, U.P, deliberated on the need to develop simulation and modelling based applications to analyze the problems been faced due to pollution particularly water pollution for effective pollution control.

The inaugural session ended at 12:30 PM with vote of thanks to all the dignitaries, guests and participants.

The conference was divided into 04 technical sessions conducted on MS Team, where participants from different parts of India representing educational institutions, research organization & other stakeholders participated and presented their research papers. The conference received 100 research and review papers, 54 papers were presented in the technical sessions as oral presentations and 20 papers as posters.

Immediately after the inaugural session the **Technical Session 1** started from 12: 30 PM to 1:50 PM on the MS Team, **chaired by Dr. O P Tirpathi** Professor, Department of Environmental Science Mizoram Central University, Aizwal.

Plenary Lecture 1 was delivered by Prof. O P Tirpathi on the topic “Impact of Climate Change on Natural Resources in reference to the North East of India”.

Plenary Lecture 2 was delivered by Dr .A K Handa, Principal Scientist, Central Agro Forestry Research Institute (CAFRI), Jhansi U.P on the topic “Agroforestry for Livelihood and Environmental Security”

The second Technical session started from 2:10 PM to 4:10 PM, chaired by **Prof. S P Bajpai**, Former Head and Dean Research, Department of Environmental Science, Amity University Madhya Pradesh, Gwalior M.P.

Plenary Lecture 3 was delivered by Prof. (Dr). S. Ganapathy Venkatasubramanian, Department of Environmental Law and Management, Anna University, Chennai, India on the topic “Sustenance of Sustainable Development and Legal Initiatives for Environmental Justice in the Indian Context”.

Plenary Lecture 4 was delivered by Dr Abhishek Mishra, Associate Professor, School of Engineering, University of Petroleum and Energy Studies, Dehradun, Uttarakhand on the topic “First-principles insight into catalytic conversion of CO₂ to fuels and Chemicals on copper(I) oxide”.

The third Technical parallel session from 2:10 PM to 4:10 PM was chaired by **Dr Latika Bhatia**, Department of Microbiology and Bioinformatics, Atal Bihari Vajpayee Vishwavidyalaya Bilaspur C.G.

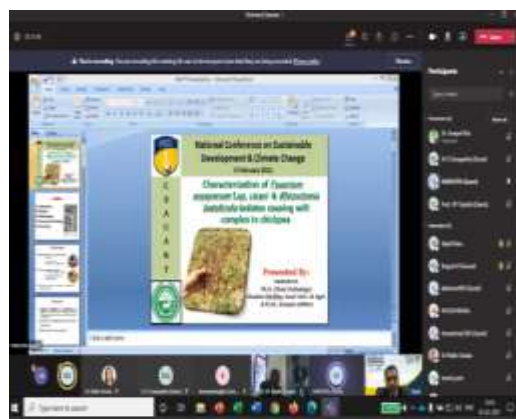
Plenary Lecture 5 was delivered by Dr. Shyamasree Dasgupta, School of Humanities and Social Sciences, Indian Institute of Technology Mandi Himachal Pradesh, India on the topic “Gender vulnerabilities to Climate: Indian Perspective

The fourth technical parallel Session for poster presentations was conducted from 3:00 PM to 4:00 PM on MS Team and was chaired by **Dr. Shyamasree Dasgupta**, School of Humanities and Social Sciences, Indian Institute of Technology Mandi, Himachal Pradesh, India and co-chaired by **Chaired by Dr. Sandeep Arya**, Institute Of Environment and Development Studies, Bundelkhand University, Jhansi U.P. 20 papers were presented as posters by the participants.

The valedictory function was conducted on the Zoom platform from 4:10 PM to 5:00 PM.

The Chief Guest of Valedictory session was **Dr. S K Dubey**, Head, Regional Research Station, ICAR- Indian Institute of Soil and Water Conservation, Agra and the function was presided over by the Pro Vice Chancellor, AUMP, **Prof. (Dr.) M.P Kaushik** and **Prof.(Dr.) Anil Vashisth** Dy. Pro Vice Chancellor, AUMP was present as guest of honour. The best paper presenters both oral and poster in the different sessions were awarded first, second and third prizes and certificates.

Prof. (Dr.) Kuldip Dwivedi, Convener of the conference & HoI EVS, Amity University Madhya Pradesh, proposed the vote of thanks.



HOD EVS

**Prof. (Dr.) Devendra Kumar Pandey
Director-Outcome**

Prof. (Dr.) M. P. Kaushik Pro –Vice Chancellor

Hon'ble Vice Chancellor