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SNDT Women's University, Mumbai

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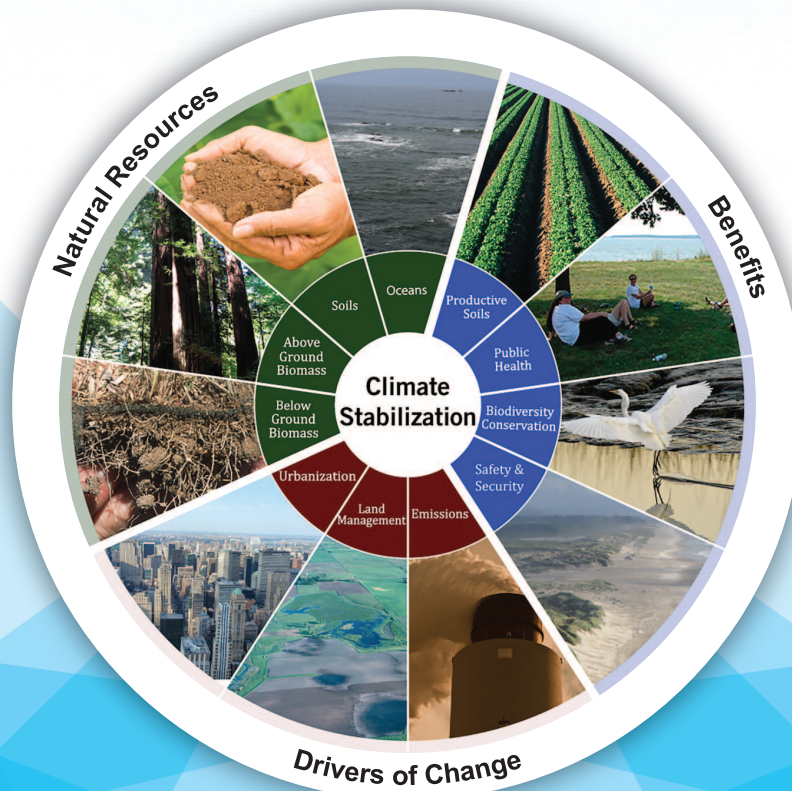
International Conference on Climate Change

* Academic Partner *

City University of New York

Thursday, 16th January 2025 to Saturday, 18th January 2025

Venue : Chandrapur Forest Academy of Administration, Development and Management,
Mul Road, Chandrapur - 442401



Preamble :

The **International Conference on Climate Change (ICCC-2025)** will be held in Chandrapur from **16th to 18th January 2025**. This pivotal event aims to unite leading experts, industrialists, researchers, policymakers, and practitioners from around the globe to address urgent climate challenges and explore innovative solutions.

The conference will feature keynote speeches, panel discussions, and technical sessions focused on a wide array of topics, including climate change impacts, biodiversity conservation, sustainable agriculture, renewable energy, and environmental policy. Attendees will have the opportunity to present their research, share best practices, and engage in collaborative discussions, fostering a sustainable future.

ICCC-2025 seeks to facilitate knowledge exchange and promote interdisciplinary collaborations that drive meaningful environmental action. It will also explore the relevance of Indian Traditional Knowledge Systems in contemporary sustainable practices.

Additionally, the event will include workshops and poster presentations, offering emerging researchers and students a platform to showcase their work and receive valuable feedback from established experts in the field.

By hosting this international conference, **SNDT Women's University** underscores its commitment to addressing critical climate issues and advancing sustainability. ICCC-2025 is poised to be a significant milestone in the global effort to tackle environmental challenges and promote a greener, more sustainable world.

Organizing Partners :

1. SNDT Women's University
2. Department of Higher and Technical Education, Maharashtra State
3. Department of Forest, Government of Maharashtra
4. Mangrove and Marine Biodiversity Conservation Foundation of Maharashtra
5. District Planning and Development Council, Chandrapur
6. Maharashtra Pollution Control Board
7. The City University of New York
8. The Ecological Society, Pune
9. Australian National University
10. The Bombay Natural History Society, Mumbai
11. Chandrapur Forest Academy of Administration, Development and Management

About SNDT Women's University :

SNDT Women's University is the first women's university in India and South-East Asia, established by Maharshi Dr. Dhondo Keshav Karve in 1916. The university is dedicated to empowering women through education, with its headquarters located at the Churchgate Campus in Mumbai and additional campuses in Juhu, Pune, Chandrapur, and Shreevardhan.

The university has the authority to affiliate colleges and institutions across India with prior approval from the State Government. Committed to addressing socio-economic needs through education, SNDT Women's University upholds human values and social responsibility. Its motto, "An enlightened woman is a source of infinite strength," reflects its mission.

Supported by the Government of Maharashtra, SNDT Women's University is actively engaged in large-scale expansion projects aimed at enhancing educational opportunities for women.

Selection of Venue : Chandrapur (Maharashtra)

Chandrapur has been chosen as the venue for the **International Conference on Climate Change** due to its unique environmental context. This district is well-known for its extensive coal mines and the **Tadoba Wildlife Sanctuary**, a crucial tiger habitat in India. However, rapid industrial development and urbanization have led to

significant pollution and environmental degradation, impacting the local ecosystem and public health.

Air quality issues in Chandrapur have been studied under the US Asia Environmental Program by experts from the US-EPA, who recommended a pilot project to implement Visible Emission Observations (VEOs) to improve air quality management. A review by the Maharashtra Pollution Control Board (MPCB) highlighted that industrial activities have substantially contributed to pollution, leading to a rise in health problems among residents.

Recognizing the urgent need for intervention, the MPCB is preparing an integrated action plan to address the various aspects of pollution and environmental degradation in Chandrapur. Given these challenges, hosting the **International Conference on Climate Change** in Chandrapur will provide a critical platform for discussing solutions and promoting sustainable practices.

Objectives of the Conference :

- **Raise Awareness** : Enhance understanding of climate change, its impacts, and effective mitigation strategies.
- **Facilitate Collaboration** : Bring together academics, policymakers, industry leaders, and activists to share knowledge and develop strategic partnerships.
- **Promote Research and Innovation** : Provide a platform for cutting-edge research and technological advancements in climate science and sustainable practices.
- **Inspire Action** : Encourage participants to take concrete steps toward reducing their carbon footprint and fostering sustainability within their communities.

Theme of the Conference :

- **Climate Science and Impacts** : Explore the latest scientific findings on climate change and its effects on ecosystems, weather patterns, and human health.
- **Mitigation Strategies** : Investigate solutions for reducing greenhouse gas emissions, focusing on renewable energy, energy efficiency, and sustainable agriculture.
- **Adaptation and Resilience** : Develop strategies for adapting to climate impacts and fostering resilient communities.
- **Policy and Governance** : Examine the critical role of policy and governance in tackling climate change at local, national, and international levels.
- **Education and Advocacy** : Promote climate education and advocacy efforts to empower individuals and communities to take meaningful action.

Patrons :

- **Mr. Sudhirji Mungantiwar**, Cabinet Minister for Forests, Cultural Affairs, and Fisheries of Maharashtra
- **Mr. Chandrakantji Dada Patil**, Cabinet Minister for Higher and Technical Education of Maharashtra

International Advisory Committee :

- **Prof. Dr. Ujwala Chakradeo**, Vice Chancellor, SNTD Women's University
- **Prof. Ruby Ojha**, Pro Vice-Chancellor, SNTD Women's University
- **Mr. Rakesh Naithani**, Officer on Special Duty to the Speaker of the Maharashtra Legislative Assembly
- **Prof. Neal Phillip**, Professor, City University of New York
- **Prof. Paramita Sen**, Professor, City University of New York
- **Mr. M. Shriniwas Reddy**, Director, Chandrapur Forest Academy of Administration, Development and Management
- **Dr. Avinash Dhakne**, Member Secretary, Maharashtra Pollution Control Board
- **Mr. S.V. Ramarao**, Principal Chief Conservator of Forests, Maharashtra State

- **Shri Vinay Gowda G C**, District Collector, Chandrapur

Organizing Committee :

- **Prof. Dr. Vilas Nandavadekar**, Registrar, SNDT Women's University
- **Prof. Dr. Sanjay Shitole**, Professor of Information Technology, UMIT
- **Prof. Dr. Rajesh Ingole**, Campus Director, SNDTWU - Chandrapur Campus
- **Dr. Balu Rathod**, Assistant Registrar, SNDTWU - Chandrapur Campus

Academic Advisory Committee :

- **Prof. (Dr.) Jayashree Shinde**, Dean, Faculty of Inter-disciplinary Studies
- **Prof. (Dr.) Pratima Tatke**, Principal, C.U. Shah College of Pharmacy, Juhu
- **Prof. (Dr.) Shikha Nema**, Professor and Head of Electronics and Communication Engineering, UMIT
- **Prof. (Dr.) Sachin Deore**, Professor of Geography, SNDTWU, Pune
- **Ar. Shirish Barve**, Principal Designer, The Architect, Pune
- **Ecol. Kedar Bhagwat**, Director, Ecological Society, Pune
- **Ecol. Ajay Phatak**, Trustee, Ecological Society, Pune

Finance Committee :

- **Prof. (Dr.) Medha Tapiawala**, Dean, Faculty of Humanities
- **Prof. (Dr.) H.T. Jadhav**, Dean, Faculty of Science and Technology
- **Prof. (Dr.) Yogesh Nerkar**, Principal, Usha Mittal Institute of Technology

Publication Committee :

- **Prof. Dr. Virendra Nagarale**, Senior Professor, SNDT Women's University
- **Prof. Dr. Subhash Chavan**, Director - Knowledge Resource Centre

Local Organization Committee :

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| Prof. Dr. Nitin Wani Prof. Kumud Wasnik Prof. Dr. Santoshi Pote Prof. Dr. Kavita Mhatre Prof. Dr. Rachana Dhannawat Prof. Dr. Anita More Prof. Mohan Bonde Prof. Sharmila A. K. Prof. Rajni Nair Prof. Dr. Vilas Kharat Prof. Sumedh Pundkar | Prof Dr. Seema Hanchate Prof. Sujata Kullur Prof. Rajesh Kolte Prof. Arundhati Mehendale Prof. Jyothi Sequeira Prof. Poonam More Prof. Dr. Prachi Natu Prof. Pratibha Mahakal Prof. Poonam Vengurlekar Prof. Aarti Dharmani | Prof. Sonali Bodeker Prof. Vanshri Ramteke Prof. Shraddha Rokade Prof. Snehal Kulkarni Prof. Poonam Dharpawar Prof. Neha Athavale Prof. Prakash Khelage Prof. Sudhakar Yerme Prof. Monica Charate Prof. Pooja Jambhale Prof. Prajakta Gotarne |
|--|--|---|

Bank details :

- Account Name : ICCC-2025
- Account No : 110201231340
- Bank Name : Canara Bank
- IFSC Code : CNRB0004634
- Branch Address : SNDT Juhu, SNDT Women's University Campus, Juhu Mumbai, Maharashtra, India

Major Themes/Subthemes and Tracks of the Conference

TRACK 1 : Climate Change, Challenges, and Mitigation

- Challenges in Designing Future Crops
- Developing Options for Climate Change Resilient Crops
- Abiotic/Biotic Stress Management Under Changing Climate
- Impact of Climate Change on Insect Pests, Diseases, and Their Management
- Climate Change and Horticulture
- Animal/Veterinary Sciences and Climate Change
- Approaches for Climate Change Mitigation
- Application of Artificial Intelligence, Machine Learning, and Drone Technology
- Adapting Environmental Stress: Technological Advances and Unique Biological Characteristics
- Climate Change and Global Warming: Impacts, Policies, Planning, and Management
- Green Technology Approach for Sustainability
- Environmental Pollution and Disasters: Monitoring and Management
- Sustainable Energy Resources: Renewable Energy, Green Energy, Bio-fuels, and Waste Product Energy
- Medical, Pharmaceutical, and Healthcare Management

TRACK 2 : Innovative Approaches in Forestry, Agricultural, and Allied Sciences

- Scientific and Sustainable Forest Management Innovations
- Innovative Approaches in Soil Health
- Land Resources, Use Planning, and Management
- Precision Agriculture and Soil/Water Conservation
- Modern Crop Production Technologies
- Organic Farming with Residue-Free Production
- Sericulture Production and Management
- Apiculture, Forestry, Vermicomposting, Fisheries, Mushroom Cultivation, etc.
- Enhancing Farmers' Income through Innovation
- Integrated Management of Nutrients, Weeds, Diseases, and Pests
- International Perspectives on Animal Health and Husbandry
- Advances in Dairy Science and Technology
- Traditional and Herbal Medicines: Modern Approaches
- Scientific Studies in Allied Sectors: Fisheries, Dairy, Poultry, Home Science, etc.
- Innovations in ITK, ICT, IPR, Smart Agriculture, and Technology Transfer for Farmers
- Government Policies for Sustainable Agricultural Development
- Hi-Tech Horticulture, Innovations, Food Processing, and Value Addition
- Aquaculture: Current Trends and Future Prospects
- Innovations in Agricultural Engineering
- Agricultural Marketing, Export, Entrepreneurship Development, and Agri-business Opportunities
- Income Analysis in Agricultural Enterprises
- Farm Mechanization and Post-Harvest Technologies

TRACK 3 : Agro Forestry, Natural Resource Management, Food and Environmental Security

- Agro forestry and Sustainable Development
- Technological Innovations in Agro forestry
- Agroforestry for Environmental Conservation and Climate Adaptation
- Natural Resource Management : Conservation and Sustainable Utilization
- Intellectual Property Rights and Utilization of Plant Resources
- Bio-remediation, Renewable Energy, and Energy Conservation
- Remote Sensing and GIS Applications in Agriculture and Resource Management
- Regional Planning and Sustainable Development

TRACK 4 : Life Sciences, Biomedical Sciences, and Biotechnological Aspects

- Biodiversity (Plant/Animal) and Marine Biology
- Molecular Biology, Bioinformatics, Biochemistry, Genetic Engineering
- Trends in Geography, Botany, Zoology, Microbiology, Plant Science, and Geology
- Bio-nanotechnology
- Biotic and Abiotic Stress Management
- Reproductive and Molecular Biology
- Infectious, Viral, and Parasitic Diseases
- Wellness, Health, and Antibiotic Resistance
- Medicinal Biotechnology for Livelihood Support
- Clinical and Experimental Oncology
- Biotechnology, Bioinformatics, Diagnostics, and Therapeutics
- Bio-nanotechnology, Signaling Pathways, and Molecular Diagnostics
- Structural Engineering, Signal Processing, Imaging, and Environmental Engineering

TRACK 5 : Agri and Animal Husbandry Startups

- Natural Animal Nutrition: Alternatives to Meat Products
- Natural Products for Regulating Phytohormones to Enhance Crop Tolerance
- Technologies for Regenerative Agriculture and Carbon Farming
- Biodiversity-Friendly Green Technologies for Sustainable Crop and Animal Production

TRACK 6 : Sustainability in Indian Knowledge System

- Nature and Environment
- Sustainable Agricultural Practices
- Herbal Medicines and Innovative Healthcare Solutions
- Ecosystem Management
- Sustainable Solutions for Rural Agriculture
- Frameworks Linking Humanity, Nature, and the Cosmos
- Urban Planning
- Holistic Approaches Integrating Empirical Observations, Theoretical Frameworks, and Spiritual Insights
- Ayurveda for Preventive Healthcare and Lifestyle Modifications
- Utility of Yoga for Physical Health and Wellbeing
- Aspects of Indian Astronomy Validated through Empirical Evidence and Modern Methods

These tracks aim to facilitate discussions, collaborations, and innovative solutions to the pressing challenges posed by climate change and sustainability.

Submission Guidelines & Indexing

Faculty members, research scholars, and scientists from India and abroad are invited to submit original, unpublished research relevant to the conference topics. Submissions should provide novel perspectives within the conference's scope. Literature reviews or survey papers will only be considered if they offer new insights, redefine the field, or highlight exciting new technologies or research areas.

Paper Requirements :

- **Length :** Maximum of six pages (A4 size), including figures, tables, and references.
- **Format :** MS Word format, 1.5 line spacing, 12-point Times New Roman font.
- **Communication :** All correspondence will be directed to the main author.

Review and Acceptance :

- Final acceptance of papers will depend on peer review by the technical committee.
- At least one author of selected papers must register to present.
- All submitted papers will undergo peer review prior to acceptance.

Publication :

• All peer-reviewed papers will be published in the official conference proceedings, accompanied by an ISBN. In addition, selected high-quality papers will be considered for publication in a Special Issue of the Journal of the Bombay Natural History Society (JBNHS), indexed in SCOPUS and UGC-CARE (Print ISSN: 0006-6982, Online ISSN: 2454-1095). For paper submissions and other updates, please refer to the website: <https://www.iccc2025.org/>

Registration Information :

It is mandatory for at least one author of an accepted paper to register for it to appear in the conference proceedings. Authors presenting multiple papers will receive a discount if they register using the same name and email ID. Co-authors must register and pay the full registration fee to attend and receive a presentation certificate.

Registration Fees :

- **Indian Delegates :** ₹ 3,000
- **Foreign Delegates :** \$100

Registration Fee Includes :

- GST at the applicable rate
- Conference kit
- Breakfast, lunch, dinner, and high tea/coffee (16th January 2025 - 18th January 2025)

Payment Options :

Cheque/Demand Draft: Payable to "ICCC-2025" at Mumbai, **Online :** Send payment details to the Organizing Secretary (Email : organizingsecretary@iccc2025.sndt.ac.in), **Selected Paper Authors :** Receive payment details via email. Use UPI or online transfer; send a receipt to the Organizing Secretary.

Conference Leadership :

Chairperson

Prof. Ujwala Chakradeo

Vice Chancellor, SNDT Women's University

Convener

Dr. Vilas Nandavadekar

Registrar, SNDT Women's University

Conference Secretariat :

Dr. Sanjay Shitole

Organizing Secretary, ICCC-2025

Usha Mittal Institute of Technology, Santacruz (W), 400049

Email: organizingsecretary@iccc2025.sndt.ac.in

Contact: +91-9892301603

Website: iccc2025.org

International Conference on Climate Change

Academic Partner : City University of New York

Date : Thursday, 16th January 2025 to Saturday, 18th January 2025

**Venue : Chandrapur Forest Academy of Administration, Development and Management,
Mul Road, Chandrapur - 442401**

REGISTRATION FORM

(Fill the form in block letters)

1. Name in Full (Prof./Dr./Mr./Ms.)

2. Designation

3. Name and address of the organization

Address for the correspondence

Mobile Number :

Email ID :

4. Bank Draft/Cheque No./NEFT/RTGS

Bank : Dated :

for Rs/\$ in favour of ICC-2025, payable at Mumbai

Signature of participant

SNDT Women's University, Mumbai

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BOOK POST

To

From :

Dr Sanjay Shitole,

Organizing Secretary, ICC-2025

Usha Mittal Institute of Technology, Santacruz (W), 400049

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