The training imparted aims to prepare young minds for the challenging opportunities in the IT industry with a global awareness rooted in the Indian soil, nourished and supported by experts in the field. The Department of Data Science endeavours to imbibe the vision of the University "Excellence and Service". The department is committed to this philosophy which pervades every aspect and functioning of the department. To accomplish our mission, the department encourages students to apply their acquired knowledge and skills towards professional achievements in their careers.

Submission Guidelines

We invite submissions that make a rigorous conceptual and methodological contribution of both theoretical and empirical nature. The manuscript should be prepared in the following format.

The abstract (250-300 words) and full paper should be in English with a maximum of (2000-3000 words) typed in MS Word with Font Size 12 points in Times New Roman. Title of the paper, Name of the presenting author, position, affiliation, contact No and e-mail id References should be in APA 7th referencing style guide. Submit your soft copy of abstract and full-paper to the e-mail: sociologyconference@vetias.ac.in

Registration Link

https://forms.gle/ymkXNLNxkrniTpnP7
The selected papers will be published in Scopus indexed journals on payment basis.

Important Dates

Abstract Submission deadline	**25.09.2024**
Acceptance intimation	**28.09.2024**
Full paper submission	**01.10.2024**

Registration Fee:

Registration fee includes conference kit, lunch and refreshments, e-proceedings and certificates.

Details	Presentation	Participation
Students	500	300
Scholars	1500	1000
Faculty/Industrialists	2000	1000

Mode of Payment

Acc Name	:	VET Institute of Arts and Science
A/C No.	:	25670100025970
BU & Branch	:	Bank of Baroda, Thindal-12
IFSC	:	BARB0THINDA ('0' stands for Zero)

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INTERNATIONAL CONFERENCE ON
AI AND GENDER IN CLIMATE CHANGE MITIGATION:
A COMPREHENSIVE EXPLORATION TOWARDS VIKSIT BHARAT
3rd – 4th October 2024

Department of Sociology & Department of Computer Science

VET Institute *of* Arts & Science
(Co-Education) College, Erode, Tamil Nadu

In Association with

Christ (Deemed to be University) Pune Lavasa Campus, Maharashtra

CHRIST
(DEEMED TO BE UNIVERSITY)
PUNE LAVASA CAMPUS
The Hub of Analytics

Maulana Azad National University Hyderabad
(A Central University located at Hyderabad)

Concept Note

Climate change poses a significant threat to sustainable development, and its impacts are often felt more acutely by women, especially in developing countries. Leveraging Artificial Intelligence (AI) to address climate change while ensuring gender inclusivity can play a crucial role in achieving Viksit Bharat's vision. This comprehensive exploration examines how AI can mitigate climate change impacts in a gender-responsive manner, promoting an equitable and prosperous society. By doing this, India as a nation can contribute by utilizing gender dividends as a major force in the new century.

Purpose of the Conference

This conference is a collaborative effort, seeking to bring together experts from various sectors to share cutting-edge research, best practices and efficient initiatives to address public health issues. It provides a space for people to connect, learn, and collaborate, ensuring that everyone is included and part of a larger movement to improve everyone's health and well-being.

Important Sub Themes - Track 1

- AI-Driven Climate Data Analysis and Gender-Responsive Policy Making
- Empowering Women in Agriculture through AI
- AI in Renewable Energy Initiatives
- Climate-Resilient Infrastructure and Urban Planning
- AI and Rural Transformation
- AI-Enhanced Water Management
- AI in Gender-Sensitive Waste Management
- Promoting Sustainable Livelihoods
- Green Entrepreneurship
- Gender-Responsive AI Solutions for Climate Adaptation
- AI and Women's Leadership in Climate Action
- AI in Promoting Gender-Inclusive Sustainable Tourism
- Gender-Inclusive AI Policy Frameworks for Climate Action
- AI and Gender Equity in Climate Change Research

Track 2

- Cyber security in Climate Change Mitigation Efforts
- Human-Computer Interaction
- IoT and Smart Technologies in Climate Monitoring
- Climate Change Education and Awareness through Digital Platforms
- Big Data Analytics for Climate Change Mitigation
- AI-Driven Climate Modelling and Prediction
- Digital Twins for Environmental Modelling
- Edge Computing for Real-Time Climate Data Processing
- Smart Transportation Systems for Emission Reduction

These topics cover a wide range of advanced computer science themes, reflecting the latest innovations and applications in the field, but are not limited to the above.

About the Trust

Vellalar Educational Trust was established in 1969 to empower young women hailing from rural and marginalized sections of society and elevate them as leaders through education. It has emerged as a beacon of education for millions of aspiring minds. Growing from strength to strength, inculcating values that harmonies and develop our society, the VET family now is a group of 10 institutions wherein 22,000 students are pursuing their studies from school level to higher education and research in the field of Engineering, Arts, Commerce, Education, Management, Nursing, Pharmacy and Sciences.

About VET Institute of Arts and Science College

VET is the youngest member of the Vellalar family. It is an intellectual community that nurtures student learning, fosters faculty research and creative activity, and serves the larger community. The institution emphasizes Collaborative learning, individual intellectual development and respect for diverse points of view, preparing students to become critical thinkers, strong communicators and ethical leaders with a truly global perspective. Our students will graduate with the understanding that what they do beyond the classroom can impact the world since knowledge, understanding and intellectual courage for a purposeful life in a challenging and changing world are woven into the fabric of their education.

About the Department of Sociology/Computer Science

The study of Sociology offers a distinctive and enlightening way of seeing and understanding the social world in which we live and which shapes our lives. Students are imparted knowledge on sociological understandings of social issues and are trained to be world-class human resources for the betterment of society and the motherland.

The Department of Computer Science at VET IAS is dedicated to cultivating problem solvers who excel in modelling, analyzing, and addressing challenges across various domains. Our faculty members deliver a robust education in computer science's core disciplines while equipping students for careers in research, development, and academia. We strive to be a vital resource centre at regional, national, and international levels, promoting the advancement of computing and its applications.

About the Collaborators
Department of Sociology & Centre for Women's Studies MANUU Hyderabad

Maulana Azad National Urdu University (MANUU) was established in 1998 by the Parliament of India to promote women's education, develop the Urdu language and provide vocational and technical education in Urdu through conventional and distance modes. The Department of Sociology at Maulana Azad National Urdu University (MANUU) began offering M.A. and PhD programs in 2014, including undergraduate NEP 2020 (FYUG) courses. Students of sociology join courses from across India representing the department at the national level. The department has hosted various national and international seminar / discourses with eminent scholars to help young sociologists grow. The department's academic visibility is notable.

The Centre for Women's Studies was established in the year 2004 during X Plan with an objective as stipulated in the UGC guidelines. The Centre has been actively involved in Research, Advocacy, Documentation, publication and Translation of works by eminent Feminist writers. The main focus is on Muslim Women empowerment.

Department of Data Science Christ (Deemed to be University) Pune Lavasa Campus

The Department of Data Science of CHRIST (Deemed to be University), Pune Lavasa Campus strives to shape outstanding data scientists and analysts with ethical and human values to reshape the nation's destiny.