





7th - 8th April 2022

Organized by

Department of Geography, School of Earth Sciences

Central University of Tamil Nadu, Thiruvarur – 610 005

in association with

The Indian Geographical Society (IGS), Chennai

About the Seminar

Geography, as a discipline, has a distinct advantage in developing over most, if not all, of the other sciences and is critical to a more holistic understanding of the processes, patterns, and trajectories that characterize the disrupted earth system. In many ways, Geography could be considered the science of sustainability. The geographical approach to sustainability education is enriched through its explicit spatiality, whereby the concepts of place, space, and scale engender comparisons, similarities, and contrasts within and between localities and more importantly, provide insights as to what can be done to achieve a more sustainable future.

Given the importance of this background to global development efforts, recent movements pushing to address sustainable development from various perspectives such as urban, social, economic, cultural environmental, etc., have taken place throughout the world. These resulted in the conception of 17 Sustainable Development Goals (SDGs) in the 2030 Agenda, an urgent call for action by all countries - developed and developing - in a global partnership.

India, as the biggest democracy and a responsible country in the world, aspires to play a constructive role and strives very hard to attain the SDGs. However, India too suffers from various issues related to social, cultural, and environmental in nature. In this background, the seminar aims at providing a common platform for a wide spectrum of scientists, academicians, and research scholars to gather, present and synthesize solutions on the issues of various themes relating to sustainability so that it can contribute to the stakeholders, society in the form of some of the best practices, solutions, ideas, etc. to counter and mitigate the problems India is facing.

About the University

Central University of Tamil Nadu (CUTN) was established along with eight other Central Universities through the Parliament of India Act in 2009. CUTN has established 12 Schools under which 27 Departments function. The University allows adaptable teaching-learning methodology to ensure the comprehensive development of our students. The presence of diverse schools allows for an inter-disciplinary approach to higher education. CUTN, at present, has more than 2000 students on its rolls from various parts of India. The University also lays a lot of importance to community engagement. CUTN offers 62 academic programmes including 27 research programmes, 25 postgraduate programmes, 6 integrated programmes, 3 undergraduate programmes, apart from one PG diploma course. In addition, undergraduate and postgraduate programmes are offered in collaboration with Sardar Vallabhbhai Patel International School of Textiles & Management, Coimbatore, through MoU with CUTN.

About the Department

The Department of Geography, Central University of Tamil Nadu, Thiruvarur was established in 2017 with a vision to develop into a leading geography teaching-research institution with a global impact. Currently, the Department offers M.Sc. and Ph.D. programmes in Geography. For further details about the Department, please visit the department page https://cutn.ac.in/geography/

About the IGS

The Indian Geographical Society (IGS), the oldest Geographical Society in India, initiated its existence on 31st March 1925 and was officially inaugurated in Chennai (Madras) on 16.3.1926 at Presidency College Campus by a team of Indian and British Geographers, led by Mr. N. Subrahmanyam M.A., L.T., F.R.G.S., the Chair of Geography at Teachers' College, Saidapet, Chennai. At present, the Society is housed at the Department of Geography, University of Madras, Chennai. The IGS is bi-annually publishing The Indian Geographical Journal since 1926. Since its inception, the journal has maintained its quality and contributed to the development of geography in various spheres of the discipline. In 1941, the Madras Geographical Journal was renamed as the Indian Geographical Journal, with the ambition to broaden its scope to the national level. The Society was very much appreciated by eminent British Geographers like Professors Fawcett, Ogilvie, Dudley Stamp and others. You may visit www.igschennai.org for further details about the activities of the society.

Seminar Themes

- > Sustainability and Population Growth
- ➤ Gender, Poverty, and Health
- ➤ Sustainable Water Resources
- ➤ Sustainable Agriculture
- > Climate Change, Disasters and Sustainability
- ➤ Community and NGO's Sustainability Initiatives
- ➤ Environmental Issues
- ➤ Geospatial and Other Technologies of Environmental Sustainability
- > Cultural Sustainability and Sustainable Heritage Development
- ➤ Sustainable Cities and Communities
- > Sustainable land-use planning
- Sustainable Tourism
- ➤ Global to Local Sustainability Policies and Initiatives
- > Indigenous Knowledge and Traditional Practices of Sustainability
- ➤ Media, Public Awareness, and Community Education on Sustainability













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Inauguration



Prof. M. Krishnan

Hon'ble Vice-Chancellor, Central University of Tamil Nadu Inaugurates



Prof. Sulochana Shekhar

Registrar (I/C), Central University of Tamil Nadu



Prof. N. SivagnanamPresident, The Indian Geographical Society *Keynote Speaker*

Date: 07.04.2022 Time: 10:15 AM



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Inauguration

Welcome address

Prof. SULOCHANA SHEKHAR
Professor and Dean, School of Earth Sciences, CUTN

Introducing the Seminar

Prof. R. JAGANATHAN

General Secretary, IGS

Department of Geography, University of Madras

Inaugural Address

Prof. M. KRISHNAN Hon'ble Vice-Chancellor, CUTN

Keynote Address

Prof. N. SIVAGNANAMPresident, The Indian Geographical Society

Vote of Thanks

Dr. E. VENKATESHAM

Department of Geography, CUTN

Date: 07.04.2022 Time: 10:15 am

TECHNICAL SCHEDULE

DAY 1 - 07 APRIL 2022

10:15 AM - 11:15 AM

Inauguration

11:30 AM - 01:00 PM

Lead Lecture: "Climate Change Vulnerabilities in High Altitude Regions of Indian Himalayas"

Prof. B. W. PandeyDelhi School of Economics, New Delhi

Session Theme: SUSTAINABLE CLIMATES AND DISASTER MANAGEMENT

Chair: Prof. B. W. Pandey **Co-chair:** Dr. K. Balasubramani

02:00 PM - 03:30 PM

Lead Lecture: "Unplanned Growth of Hyderabad"

Prof. Kalpana Markandey Osmania University, Hyderabad

Session Theme:

SUSTAINABLE URBAN AND REGIONAL DEVELOPMENT

Chair: Prof. Kalpana Markandey **Co-chair:** Prof. Sulochana Shekhar

03:45 PM - 05:15 PM

Lead Lecture: "Challenges of Sustainable Tourism in the Western Ghats"

Prof. Ravindra G. Jayabhaye Savitribai Phule Pune University, Pune

Session Theme:

SUSTAINABLE POPULATION, ECONOMY, AND TOURISM

Chair: Prof. Ravindra G. Jayabhaye **Co-chair:** Dr. Aakriti Grover

TECHNICAL SCHEDULE

DAY 2 - 08 APRIL 2022

10:00 AM - 11:30 AM

Lead Lecture: "Education and Sustainable Development-

The Road Ahead"

Prof. B. SrinageshOsmania University, Hyderabad

Plenary Session Theme:

SUSTAINABLE EDUCATION, POLICIES, AND PRACTICES

Chair: Prof. B. Srinagesh **Co-chair:** Dr. K. Annaidasan

11:45 AM - 01:15 PM

Lead Lecture: "Ground Water Quality Evaluation and Human Health"

Prof. K. KumaraswamyBharathidasan University, Tiruchirappalli

Plenary Session Theme:
SUSTAINABLE NATURAL RESOURCE MANAGEMENT

Chair: Prof. K. Kumaraswamy **Co-chair:** Dr. Arun Prasad K.

02:15 PM - 03:45 PM

Lead Lecture: "Geography Education in the Country and the Challenges Ahead"

Prof. Ali Raza Moosvi

Central University of Karnataka, Kalaburagi

Plenary Session Theme:

SUSTAINABLE SOCIETIES, CULTURE, AND HERITAGE

Chair: Prof. Ali Raza Moosvi **Co-chair:** Dr. E. Venkatesham

04:00 PM - 05:00 PM

Valediction







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Valediction



Prof. S. NagarajanController of Examination, Central University of Tamil Nadu



Prof. Sulochana ShekharRegistrar (I/C), Central University of Tamil Nadu



Prof. K. KumaraswamyEditor, IGS Journal
Bharathidasan University, Tiruchirappalli

Date: 08.04.2022 Time: 04:00 pm







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Valediction

Welcome Address

Dr. AAKRITI GROVER

Department of Geography, CUTN

Chief Guest Address

Prof. S. NAGARAJAN

Controller of Examination, CUTN

Seminar Report

Prof. SULOCHANA SHEKHAR

Professor and Dean, School of Earth Sciences, CUTN

Felicitation Address

Prof. K. KUMARASWAMY

Editor. IGS Journal

Department of Geography, Bharathidasan University

Vote of Thanks

Dr. ARUN PRASAD K.

Department of Geography, CUTN

Date: 08.04.2022 Time: 04:00 pm