

DEPARTMENT OF ARCHITECTURE AND PLANNING, NITC
NIRF RANK 2, CoE IN URBAN PLANNING AND DESIGN

IKSECS-2024

SHORT TERM TRAINING PROGRAMME ON :

**INDIAN KNOWLEDGE SYSTEMS IN
ENVIRONMENTAL
CONSERVATION
&
SUSTAINABLE
DEVELOPMENT**



**CENTRE FOR INDIAN KNOWLEDGE SYSTEMS
NATIONAL INSTITUTE OF TECHNOLOGY CALICUT**

**JANUARY 30
- FEBRUARY 3**

2024



IKSECS 2024

PREAMBLE

The living heritage of the Indian sub-continent hinges on a harmony within, with the environment and the cosmos. The relationship with the environment is one of reverence, as opposed to the anthropocentric, dichotomous nature culture paradigms that have resulted in current environmental issues. This knowledge system finds parallels with the 'Deep Ecology' concept. This continuous knowledge tradition has resulted in various ways of nature conservation that is systematic and eco-centric. Understanding these principles and analysing them to find the underlying patterns and processes can result in unique culture-based perspectives that can propel us towards sustainability. This training programme intends to introduce scholars to Indian Knowledge Systems pertaining to environmental protection and sustainable development. The umbrella encompasses bio-cultural and water conservation coupled with town planning principles that lead to sensitive interventions in the environment.

PROGRAMME OUTCOMES:

At the end of the programme, the participant will be able to:

1. Discuss Indian Knowledge Systems pertaining to the environment and sustainability
2. Identify different IKS principles in architecture, town planning and environmental conservation
3. Formulate a structured research plan to result in actionable outputs in a chosen area of interest

MENTORSHIP FOR RESEARCH PROJECT PROPOSALS:

The training programme will provide an opportunity for the participants to be mentored by the invited speakers and the organising faculty to formulate research project proposals. Three afternoon sessions will be dedicated to this end, where interdisciplinary collaboration between the participants will be encouraged to arrive at structured and actionable research project proposals.

VISIT TO VALLIKKATTUKAVU - SACRED GROVE IN KOZHIKODE DISTRICT

Vallikkattukavu of Kozhikkode district, occupying 25 acres of land is one of the important sacred groves in Kerala with unique vegetation and species composition. The main deity of the kavu is goddess Durga. Topographically this midland area falls along the side of a laterite hillock. Thick vegetation with Myristica swamp forest is the characteristic feature of this sacred grove. This sacred grove is a source of a perennial stream which provides water for the surrounding community. The sacred grove is the only known locality of Myristicafatua var. magnifica in north of Kollam and Thiruvananthapuram districts of Kerala. Vallikkattukavu represents a healthy and ecologically sound sacred grove in Kerala. However, it is facing threats from urbanisation activities and mining.



REGISTRATION

For registration use the code or link. Registration is free. Selection will be based on the candidate's involvement in the area of Indian Knowledge Systems in Environmental Conservation and Sustainable Development.



https://docs.google.com/forms/d/e/1FAIpQLSdNiAoXVam30ME9hgpl5d1HOw9q5WDyyH8nwbTm2pdSTm19sA/viewform?usp=sf_link



IMPORTANT DATES

LAST DATE OF REGISTRATION

: 20th January 2024

INTIMATION OF SELECTION

: 22nd January 2024



FOR MORE DETAILS CONTACT

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LIST OF SPEAKERS FOR INAUGURAL CEREMONY:

- ➔ **Prof. Prof. Ganti Suryanarayana Murthy** (online mode: National Coordinator, Indian Knowledge Systems Division Ministry of Education, Govt. of India)
- ➔ **Prof. Prasad Krishna** (Director, National Institute of technology Calicut)
- ➔ **Dr. Ruchika Singh** (Coordinator, Indian Knowledge Systems Division Ministry of Education, Govt. of India)
- ➔ **Prof. R. Sridharan** (Chairperson, Centre for Indian Knowledge Systems, National Institute of technology Calicut)
- ➔ **Dr. Anjana Bhagyanathan** (Assistant Professor, DAP; Principal Investigator, CIKS NITC)

LIST OF SPEAKERS FOR TECHNICAL SESSIONS:

- ➔ **Prof. Madhav Gadgil** (online mode): *A walk up the Hill: Living with People and Nature* Founder of the Centre for Ecological Sciences, Indian Institute of Science); former Member, Scientific Advisory Committee to the Prime Minister of India; Head, Western Ghats Ecology expert Panel
- ➔ **Prof. Rana P B Singh** (online mode): *Sacred Geography of India* Retired Professor of Cultural Landscapes & Heritage Studies, & Head of the Dept. (2013~2015)- Department of Geography, Institute of Science, Banaras Hindu University, Varanasi.
- ➔ **Prof. Debashis Chatterjee:** *Institutionalising Indian Knowledge: the case of Indian Institute of Management Kozhikode* Director, Indian Institute of Management Kozhikode
- ➔ **Prof. Joy Sen** (online mode): *Indian Knowledge systems Approaches to Sustainable Development* Professor and Former Head, Department of Architecture and Regional Planning Indian Institute of Technology Kharagpur
- ➔ **Dr. Gauri Mahulikar:** *Effective water conservation: insights from Sanskrit literature* Academic Director, Chinmaya International Foundation, Ernakulam, Kerala, India Former Officiating Vice Chancellor, and Dean of faculty, Chinmaya Vishwavidyapeeth
- ➔ **Prof. Balagopal T S Prabhu:** *Manuṣyālayacandrikā- a planning model for sustainable development of rural environment* Retd Head of the Department, Civil Engineering, National Institute of Technology Calicut
- ➔ **Prof. A Srivatsan (online mode):** *Sacredness and place in the making of temple towns: The case of Srirangam* Head, Centre for Research on Architecture and Urbanism, CEPT Research and Development Foundation, CEPT University, Ahmedabad.
- ➔ **Dr. Ramesh Krishnamurthy:** *Historical Landscape Ecology: An overview from Sangam Literature* Professor & Head, Department of Landscape Planning and Management, Wildlife Institute of India, MoEFCC, Govt. of India Adjunct Professor, Faculty of Forestry, University of British Columbia, Vancouver, British Columbia
- ➔ **Prof. M.D Subash Chandran:** *Traditional knowledge systems for biodiversity conservation* Centre for Ecological Sciences (CES), Indian Institute of Science (IISc), Bangalore
- ➔ **Prof. T V Bharat:** *Water conservation systems of Ancient India* Centre for Indian Knowledge systems, Indian Institute of Technology Guwahati
- ➔ **Dr. Kshama Putambekar:** *A commentary on Samarāṅgaṇa Sūtradhāra* Project Investigator, Centre for Indian Knowledge Systems in Town Planning, School of Planning and Architecture Bhopal
- ➔ **Dr S Rajendu:** *Introduction to Epigraphy and Scripts* Independent Researcher and Fulbright Scholar, South Asia Institute, The University of Texas at Austin

