

# SUSTAINABLE COASTAL AREA DESIGNING, PLANNING , PROTECTION & MANAGEMENT

## 5 Day On line Faculty Development Program

Date: 13<sup>th</sup>-17<sup>th</sup> February 2023

Time: 1:00 PM - 4:00 PM

*Registration on first come first serve basis*

### About the Training Programme

India has a long coastal line inhabited by densely populated cities, towns and villages. The coastal areas are blessed with spectacular beaches and coastal landscapes. In addition to leisure and tourism, coastal areas significantly contribute to the economy through agriculture, fisheries, shipping and exports. The nature of development and architecture is unique and diverse along the coastal line, mainly due to the socio-economic and cultural aspects of people. Global climate change leads to increased storm surges, the intensity of waves and the ingress of sea landwards, resulting in the erosion of coastal lines and damaging the farms and residences on the coastal lines. Intense development along the coastal lines and the pollution due to human activities contribute to the destruction of natural marine ecosystems and the multiple lines of defence characteristics of the natural biological systems. A scientific examination of coastal resilience is required to design, plan, protect and manage coastal areas. This program aims to provide the participants with an in-depth knowledge of vulnerability assessment and disaster risk management in coastal areas, protection and conservation of natural ecosystems, integrated planning approaches, vernacular architecture, resilient building design, eco-tourism and legal institutional framework in coastal regions development.

### Take-Aways:

- Awareness about the destruction of natural marine ecosystems and the multiple lines of defence characteristics of the natural biological systems due to intense developments and pollution.
- Impart knowledge about vulnerability assessment and disaster risks management in coastal areas
- Gain knowledge about coastal vernacular architecture and resilient building design in coastal areas.
- Update participants' knowledge about integrated planning approaches and legal institutional framework in coastal regions development.

**Target Audience** : For Academicians/Professionals/PG and Ph.D. students  
COA Registration Number is mandatory for registration

Convenor

**Dr Navneet Munoth**  
Hon. Director,  
COA-TRC, Bhopal

Co-Ordinator

**Dr.G.Subbaiyan**  
Professor, NITT

Online Coordinators

**Dr. P. Gopalakrishnan**  
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**Dr. Tony Marcel Nisha**  
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*For any Queries, email: [subbaiah@nitt.edu](mailto:subbaiah@nitt.edu)*

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### List of Resource Persons



#### **Dr. P. P. Anilkumar**

##### **"Integrated Planning Approaches For Coastal Zones"**

Dr. P. P. Anil kumar, professor, NIT, Calicut has more than 30 years of teaching and research experience. He has more than 80 publications in journals, conferences, and book chapters. He has won several awards. He writes popular articles on topics related to planning in dailies and magazines and travelled worldwide. He is the author of the book ' Introduction to Smart Cities'.



#### **Prof. Prasanna Rao**

##### **"West coast cultural region - An Urban design principles and approach"**

Prof. Prasanna Rao, Associate Dean (PG studies), holds a B. Arch Degree from MCE Hassan and a PG Diploma in Urban Design from CEPT, Ahmadabad. His initial academic and professional work was on the complexity of the city, stakeholders and aspects of governance in the produce of social spaces. As academic engagement progressed, his interest modified to Historiography, especially the cultural regions of the coastal part of Karnataka, as a key aspect in the study of the cities and it influenced by the region. This shift, he finds it to be very enriching to set up a new direction for academic study of urban design and as profession



#### **Dr Anil Kumar Roy**

##### **" Perceptions, Adaptation and Copping Mechanism of Coastal Community to Climate Change."**

Dr. Anil kumar is an Associate Professor with the Faculty of Planning, CEPT University, Ahmedabad. Previously, he was the National Coordinator for Indian Heritage Cities Network, UNESCO. He has to his credit extensive research and consultancy work in the fields of socio-economic analysis, impact assessment and evaluation, focusing on urban and regional planning, environment and development, urban poverty, industry and environment interface. Currently, he is working on education planning in India and big data analytics in urban and regional planning. His research papers have been published in national and international journals.



#### **Dr. (Ms.) Deepashree Choudhury**

##### **"Disaster Risk Management in Coastal Areas"**

Dr. Deepashree Choudhury is an architect and urban designer with over 22 years of experience. Her research interests include Sustainable habitat design, urban dynamics, disaster risk reduction, building and environmental conservation, and architectural acoustics. She has been associated with various national and international seminars, conferences, and workshops. She has co-authored two books, written many book chapters, and won many awards.



#### **Prof. Anugrah Nagaich**

##### **"Climate Change and Resilient Communities and Buildings"**

Prof. Nagaich strives to address the challenges facing habitats today through the possible integration of Advanced Geospatial Analyses, Machine Learning and Artificial Intelligence with efficient and effective Spatial Planning and Management. Prof. Nagaich has published papers in journals of international repute, contributed book chapters, participated and shared his research work in various international conferences, and writes regularly for various magazines and newspapers.

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#### **Prof. (Ms.) Ekta**

##### **"Resilient Building design for Indian Coastal areas"**

Prof. Ekta's research interests include Urban challenges, Housing for Informal sector, Gender roles in Planning, Design and Planning for disabilities, efficient space utilization, the Importance of interactive spaces in today's fast world, Smart Cities and Urbanism, and Disaster Resilience. Participated in various workshops, conferences, and training programmes.



#### **Prof. Mahfuzar Rahman Barbhuiya**

##### **"Planning for Eco-Tourism in Coastal Regions"**

Prof. Mahfuzar Rahman Barbhuiya is engaged in various consultancy, research and freelance projects. Mehfuz is an Accredited Professional of IGBC and a Certified Professional of GRIHA. He received the prestigious 'Graduate Scholar Award' in 2015 and 2016 by Common Ground Publishing. He has delivered many guest lectures at conferences, FDPs and special sessions. He has published several papers in International Journals and research pieces as book chapters with leading international publishers and several paper presentations at international conferences.



#### **Dr. (Ms.) Jinu Louishidha Kitchley**

##### **"An overview of Resilience and Sustainability in Design, Planning, and Management of the Built Environment"**

Dr. Jinu Louishidha Kitchley, Professor and Head of the Department of Architecture, TCE, Madurai, has a total teaching experience of about 20 years. As an Educator, she imparts knowledge with dedication and believes in inspiring and leading by example. As a Researcher in the fields of Efficiency, adaptability, and resilience of built environments, and Computational design, she has undertaken intense research over the past two decades.



#### **Dr. S. Kumar**

##### **"Vernacular Architecture of Indian Coastal Regions"**

Dr. S. Kumar, Professor, JNAFA University, has published numerous articles and addressed in several forums. He has conducted several seminars, workshops and training programs on topics such as Passive and Low Energy Architecture, Green Building Design, Strategies for Integrated Neighborhoods, Integral approaches to Sustainable cities, Emerging Trends in Planning Education etc.



#### **Dr. Pawan Kumar**

##### **"Housing in Coastal Areas: Case Study- Post Tsunami Housing Project in Andaman & Nicobar Islands"**

Dr. Pawan Kumar, Architect- Town Planner working as Associate Town & Country Planner in TCPO, New Delhi. He has almost 25 years of professional experience in the field of architecture, town planning, disaster management, transportation, etc. He was one of the Key members of the TCPO Team in connection with the preparation of Layout Plans for 72 different locations for Permanent Settlements of Tsunami victims in Andaman Nicobar Islands. He has authored more than 100 technical papers and 10 Chapters on various related to the environment, disaster management, etc.

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Participants:

Kindly mail the scanned images of proof of payment on [coatr.bhopal@gmail.com](mailto:coatr.bhopal@gmail.com) to confirm registration. Virtual meeting link ZOOM will be shared after registration by email. E-Certificate of the FDP shall be sent by email on the registration email id of the participant upon successful completion of the program i.e., by attending all sessions and completing MCQ test [conducted on the last day].

Registration Fee: **INR 1500/-**

**Registration on first come first serve basis**



Scan to Register



Scan for Payment



Registration will close  
once seats are full.

Limited seats only

First 35 participants will get  
confirmation from the organisers

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