

**NATIONAL INSTITUTE OF TECHNOLOGY GOA**

**DEPARTMENT OF CIVIL ENGINEERING**



**5 DAYS ONLINE FDP ON**

# **Dharā (धरा): Developing Holistic and Affordable Resilient Approaches for Sustainable Construction**

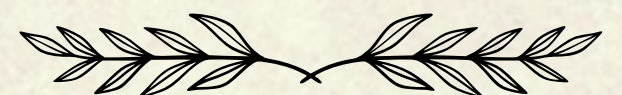


**Anusandhan  
National  
Research  
Foundation**

**05-09 Oct  
2026**



**1600-1900 hrs**



**REGISTER**

**SCAN ME**



**OR**

Register at:

<https://forms.gle/ADgEYuY9LdkAYzHp8>

## **THEMES**



- Emerging & Sustainable Construction Materials
- Low-Carbon Binders & Durable Materials
- Circular Economy & Life-Cycle Sustainability
- Sustainable & Resilient Infrastructure
- Earthquake-Resilient Construction
- Innovations in Construction Technology

## **REGISTRATION FEE**

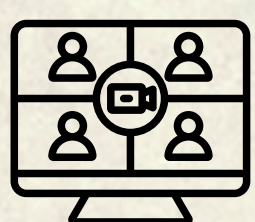


- Students/Research Scholars: Rs 354/-
- Faculty: Rs 590/-
- Industry personnel: Rs 1180/-

## **SPEAKERS**



- Dr. Nanjunda Rao, IISc Bangalore
- Dr. Swathy Manohar, IIT Bombay
- Dr. Chinchu Cherian, UNBC Canada
- Dr. Mag Raj Gehlot, Uni Galway, Ireland
- Dr. Kishor Kulkarni, CSIR-CBRI
- Dr. Rahul V Ralegaonkar, VNIT Nagpur
- Dr. Deb Dulal Tripura, NIT Agartala
- Dr. Bharat Rajan, MNNIT Allahabad
- Dr. Soumya Gorai, ZURU Tech
- Dr. Padmaja Sudhakar, MSU Baroda



Detailed programme schedule, session timings, and joining instructions will be shared with registered participants upon registration.



Last date of registration:  
**03 October 2026**



E-Certificates will be provided to all registered participants.



For queries:  
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[www.nitgoa.ac.in](http://www.nitgoa.ac.in)



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# Dharā (धरा): Developing Holistic and Affordable Resilient Approaches for Sustainable Construction

## SCHEDULE

| Date  | Time      | Topic                                                                                                                                                                                 |
|-------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 05/10 | 1600-1730 | <i>Building Typologies and Their Vulnerability to Earthquakes</i> - Prof. Deb Dulal Tripura, NIT Agartala                                                                             |
| 05/10 | 1730-1900 | <i>Life Cycle Thinking in Construction: From Low-Carbon Materials to Circular End-of-Life</i> - Dr. Mag Raj Gehlot, University of Galway, Ireland                                     |
| 06/10 | 1600-1730 | <i>Biochar-Concrete: New Generation Concrete for Sustainable Construction</i> - Prof. Padmaja Sudhakar, MSU Baroda                                                                    |
| 06/10 | 1730-1900 | <i>Emerging Materials for Civil Engineering Construction</i> - Prof.K S Nanjunda Rao, IISc Bangalore                                                                                  |
| 07/10 | 1600-1730 | <i>Sustainable Walling Materials</i> - Prof.Rahul V Ralegaonkar, VNIT Nagpur                                                                                                          |
| 07/10 | 1730-1900 | <i>Pavement Sustainability: A Choice or Compulsion</i> - Prof. Bharat Rajan, MNNIT Allahabad                                                                                          |
| 08/10 | 1600-1730 | <i>100 years of Autoclaved Aerated Concrete (AAC): History, Science and Seismic Performance</i> - Dr. Soumya Gorai, ZURU Tech                                                         |
| 08/10 | 1730-1900 | <i>Durability of Modified Lime-Based Binder Systems</i> - Prof. Swathy Manohar, IIT Bombay                                                                                            |
| 09/10 | 1000-1130 | <i>Sustainable Geotechnical Approaches to Climate-Resilient Infrastructure in Rural and Remote Communities</i> - Dr. Chinchu Cherian, University of Northern British Columbia, Canada |
| 09/10 | 1130-1300 | <i>Holistic Approach to Affordable, Climate-Resilient and Sustainable Buildings: From Materials to Building Performance</i> - Dr. Kishor V Kulkarni, CSIR-CBRI                        |



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