

# MODI 2025

## MATERIAL OPTIMIZATION AND DESIGN INNOVATION FOR SUSTAINABLE FUTURE

### ABOUT THE CONFERENCE

We are honored to have you join us for this exciting event where thought leaders, innovators, and experts from around the world come together to explore the transformative power of materials science and design in creating a sustainable future. We will explore innovative approaches to material optimization and design rethinking throughout the conference in order to enhance performance to lessen environmental impact, and promote long-term sustainability.

We hope that this event will inspire innovative solutions and important relationships that will influence the direction of sustainable innovation, regardless of whether you are attending to share your knowledge, learn from others, or establish new partnerships.

Together, let's explore how we can push the boundaries of materials and design to build a more resilient, resource-efficient, and environmentally responsible world. We look forward to a productive and inspiring experience with all of you.

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**CALL FOR PAPERS**  
**4 & 5 JULY, 2025**



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**EVENT DATE: 4<sup>TH</sup> & 5<sup>TH</sup> JULY 2025.**

### IMPORTANT DATES:

- ANNOUNCEMENT/ CALL FOR PAPERS- 27 DECEMBER 2024
- ABSTRACT SUBMISSION – 28<sup>TH</sup> FEBRUARY 2025
- ABSTRACT ACCEPTANCE INTIMATION - 15 MARCH 2025
- FULL MANUSCRIPT SUBMISSION & EARLY BIRD REGISTRATION - 31 MARCH 2025
- INTIMATION TO AUTHORS OF ACCEPTANCE- 15 MAY 2025
- LAST DATE OF REGISTRATION & SUBMISSION OF PRESENTATION- 15 JUNE 2025

**All the presented papers will be published in Scopus indexed conference proceeding.**

Selected paper after strict reviewing & editorial process (as per journal policy) will be published in the Journal- Indian Journal of Environmental Protection (ISSN 0253–7141) (Indexed with SCOPUS)\* or Ecology, Environment and Conservation (ISSN: 0971-765X), Pollution Research (ISSN: 0257-8050), (WOS INDEXED). \*

\*Cost for publication in Scopus and WOS journal is separate

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**OPEN TO ALL DEPARTMENTS OF ENGINEERING AND  
HEALTH SCIENCES**

### Track 1- MATERIALS

- 1.Sustainable Materials for construction
- 2.Materials and impact on urban scale
- 3.Materials in manufacturing for sustainability
- 4.Smart Materials
- 5.Nanotechnology in Material Science
- 6.Renewable materials and recycling technologies

### Track 2-OPTIMIZATION

- 1.Optimization in design and materials for energy efficiency
- 2.Optimization in design and materials used at urban level
- 3.Life Cycle Assessment (LCA) for optimization, case studies.
- 4.Lean construction
- 5.Generative design for optimization
- 6.Landscape optimization

### Track 3- DESIGN AND INNOVATION

- 1.Cultural and historic influences on design innovation
- 2.Technology integration in Architecture and design
- 3.Innovation in design for climate adaptation
- 4.Innovation in urban design
- 5.User centric design innovations
- 6.Future trends in design innovation

### Track 4- OPEN TRACKS

1. Health and Environmental safety for sustainable development
- 2.Software tools and computational methods for sustainability
- 3.Indian Traditional Knowledge systems for sustainable practices
- 4.Sustainable development- policies and implementation
- 5.Other papers related to sustainability



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## MATERIAL OPTIMIZATION AND DESIGN INNOVATION FOR SUSTAINABLE FUTURE

### SCIENTIFIC COMMITTEE

- 1.Prof. Dr. K. Prem kumar - NIT, Trichy
- 2.Prof. Dr. Lakshmi Thilagam
- 3.Prof. Dr. Swetha Madhusudanan - Dr.MGRERI
- 4.Prof. Dr. Kumudhavalli Sasidhar - Dr.MGRERI
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- 7.Prof.Dr. Suba Rajinikanth- Dr.MGRERI
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**SUBMISSION OF ABSTRACT CLICK THE  
LINK:**

<https://www.mypadnow.com/modi2025>

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