



# "POWER TAMIL NADU SUSTAINABLY" YOUTH WORKSHOP ON SUSTAINABLE ENERGY TRANSITION, CIRCULAR ECONOMY AND CLIMATE RESILIENT CITIES AND SPONSORED BY RASHTRIYA UCHCHATAR SHIKSHA ABHIYAN (RUSA)



Organised by  
**Centre for Climate Change and Disaster Management**  
Department of Civil Engineering, College of Engineering Guindy (CEG),  
Anna University, Chennai - 600 025



**CCCDM CONFERENCE HALL  
ANNA UNIVERSITY CHENNAI**

**BATCH I**

**DECEMBER 10-11, 2025**

**BATCH II**

**DECEMBER 12-13, 2025**



**LAST DATE FOR REGISTRATION  
05<sup>th</sup> DECEMBER, 2025**

## BACKGROUND

**About Anna University:** Anna University, established in 1978 and headquartered in Chennai, Tamil Nadu, is one of India's premier technical universities. Renowned for its excellence in engineering, technology and allied sciences, the university offers undergraduate, postgraduate and doctoral programs through its main campus and affiliated institutions across the state. With a strong focus on research, innovation and societal impact. Anna University continues to shape the future of engineering education and plays a key role in addressing pressing global challenges through interdisciplinary collaborations and sustainable development initiatives.

**About RUSA:** The Rashtriya Uchchatar Shiksha Abhiyan (RUSA) is a Government of India initiative aimed at enhancing the quality, equity, and infrastructure of higher education institutions across the country. Through focused funding support, RUSA promotes academic excellence, research and innovation, digital learning, governance reforms, and capacity-building activities for students, faculty, and government stakeholders. The programme enables universities and colleges to strengthen teaching-learning processes, upgrade facilities, and implement training programmes that contribute to holistic institutional development and improved learning outcomes.

**Department of Civil Engineering (DCE):** The Department of Civil Engineering at Anna University stands as a beacon of academic and research excellence. Offering cutting-edge undergraduate, postgraduate and research programs, the department is dedicated to fostering innovation in infrastructure development, environmental engineering, geotechnical engineering, transportation and structural systems. With a commitment to sustainability and resilience, the department works closely with government agencies, industries and international institutions to deliver impactful solutions that address real-world civil engineering challenges.

**Centre for Climate Change and Disaster Management (CCCDM):** Housed within Anna University, is a pioneering hub for climate research, disaster resilience and policy advocacy. Established to address the growing challenges of climate change and extreme weather events, CCCDM undertakes multidisciplinary research, sectoral climate modelling, cadastral-level risk assessment and capacity building for line departments and stakeholders. The Centre plays a key role in knowledge dissemination, student engagement and supporting climate-compatible growth through national and international collaborations. The CCCDM is the National partner for the Climate Compatible Growth (CCG) programme in India.

## OBJECTIVES OF THE YOUTH WORKSHOP

- Promote awareness among youth on Tamil Nadu's sustainable energy transition.
- Encourage understanding of circular economy principles and their role in minimizing waste, optimizing resource use and fostering green innovation.
- Empower young changemakers to contribute towards energy conservation, climate resilience and low-carbon development through community initiatives.

**Scope:** Climate change is no longer a distant threat but a present-day reality with increasing occurrences of extreme weather events, environmental degradation, and disaster-linked vulnerabilities. As the impacts of climate change continue to intensify, it becomes imperative that future scientists, engineers and technologists are equipped not just with technical knowledge but with a fundamental understanding of environmental science and climate action.

Undergraduate students across diverse disciplines, must be motivated to engage with these global challenges. A foundational orientation in environmental science and climate literacy can ignite young minds to become climate-resilient thinkers, problem-solvers and change agents. By linking climate change with disaster mitigation and environmental sustainability, we aim to foster a generation that is prepared for science-based management of future risks and dedicated to enhancing community resilience.



**NO REGISTRATION FEE**

**REGISTER HERE**

CONTACT



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## EXPECTED OUTCOME

- *Improved climate and energy literacy among youth, with a clear understanding of Tamil Nadu's sustainable energy transition and the scientific basis of climate change.*
- *Strengthened knowledge of circular economy concepts, enabling students to recognise opportunities for waste reduction, resource optimisation, and green innovation.*
- *Enhanced capacity for climate-resilient and systems thinking, linking climate change with disaster risk reduction and environmental sustainability.*
- *Empowered student changemakers who can design and lead community-level initiatives on energy conservation, low-carbon development, and climate resilience.*
- *Development of a future-ready, sustainability-oriented talent pool equipped to contribute to green careers, innovation, and science-based management of emerging climate risks.*

**"YOUNG PEOPLE ARE NOT JUST THE LEADERS OF TOMORROW—  
 THEY ARE THE CATALYSTS OF TODAY'S CLIMATE SOLUTIONS."**

## Organizing Committee

### CHIEF PATRON

Dr. B.T.N Sridhar, Member,  
 Convener Committee,  
 Anna University, Chennai

### PATRON

Dr. V. Kumaresan, Registrar (i/c),  
 Anna University, Chennai

Dr. P. Hariharan, Dean, CEG,  
 Anna University, Chennai

### CONVENER

Dr. S. Kanmani, Professor &  
 Head Department of Civil Engineering &  
 Director (i/c), CCCDM

### PROJECT MANAGER

Tmt. C. Geetha  
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 Rashtriya Uchchatar Shiksha Abhiyan (RUSA)

## COORDINATOR (S)

**Dr. S. Kanmani, Professor &**  
 Head Department of Civil  
 Engineering & Director (i/c),  
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**Dr. Saranya Kuppusamy,**  
 Visiting Professor, CCCDM,  
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