

**CHIEF PATRON**

Dr BUDUMURU SRIRAMA MURTHY  
Secretary, VES

**PATRON**

Dr S C V RAMANA MURTY NAIDU  
Principal, SVCET

**ADVISORY COMMITTEE**

- Prof V K Chakravarthi, HoD- CE
- Prof M Uday Kumar, HoD- EEE
- Prof K Prem Kumar, HoD- MECH
- Prof D Tirumala Rao, HoD- ECE
- Prof S Bhaskara Rao, HoD- CSE
- Prof P S S R M Raju, HoD- AIML & CSM
- Dr K Satyam, HoD- MBA
- Prof B Parandham, HoD- BS&H

**CO-ORDINATOR**

Dr A Maheshkumar  
Associate Professor, Dept. of CE

**CO-COORDINATOR**

Dr G V Usha Rani  
Associate Professor, Dept. of CE

**ORGANISING COMMITTEE**

- Dr G Vasudev Rao, Professor, Dept. of CE
- Dr Y Padmini, Professor, Dept. of CE
- Smt K Priyanka, Asst. Prof. Dept. of CE
- Mr V U Bhanu, Asst. Prof. Dept. of CE
- Mr M U R Teja, Asst. Prof. Dept. of CE
- Smt K Gayatri, Asst. Prof. Dept. of CE

**CONTENT OF THE FDP:**

- ✓ Water Resource Management and Climate Change.
- ✓ Energy Policy and Regulatory Frameworks in India. Energy Efficiency in Buildings and Infrastructure Sustainable design practices for energy-efficient buildings.
- ✓ Energy Efficiency in Buildings and Infrastructure Sustainable design practices for energy-efficient buildings.
- ✓ Assessment of embodied Operational energy performance of materials used affordable housing.
- ✓ Urban Air Quality Management: Strategies for Sustainable Development under NCAP.
- ✓ National Education Policy (NEP-2020) and its Role in Interdisciplinary Sustainability Education Waste Management and Circular Economy in Civil Engineering
- ✓ Microbial Fuel Cell Technology
- ✓ Energy Sustainability and Climate Change.
- ✓ Advanced Renewable Energy Technologies

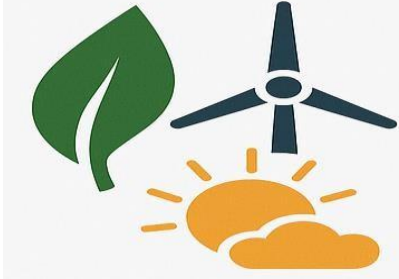
**KEY PEDAGOGICAL STRATEGIES IN THIS FDP WILL INCLUDE:**

- ✓ Engaging Live Sessions: Demonstrating practical applications of sustainable energy technologies and green infrastructure.
- ✓ Collaborative Group Discussions: Designing sustainable engineering solutions aligning with NEP-2020 guidelines Addressing NEP-2020.
- ✓ Assessment & Evaluation: Conduct a quiz to assess participants' learning outcomes and understanding of the FDP content.
- ✓ SDG Alignment: The activity aligns with **SDG 6 (Clean Water & Sanitation)** and **SDG 7 (Affordable & Clean Energy)**, promoting sustainable sanitation facilities and energy solutions globally.

**TARGET GROUPS:** The faculty members, Research Scholars of the AICTE approved institutions and Industry Personnel



**AICTE Training and Learning (ATAL) Academy**  
*Sponsored*  
**One week Online Faculty Development Program**  
**Energy, Environment and Climate Change:**  
**Interdisciplinary Approaches for Sustainable Development (EECC-IASD)**  
**15<sup>th</sup> – 20<sup>th</sup> Sept 2025**



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**+91 9133773317**  
**Co-Coordinator: Dr. G. V. Usha Rani**  
**Associate Professor**





**SRI VENKATESWARA COLLEGE OF ENGINEERING & TECHNOLOGY**  
Accredited by NAAC with 'B++' Grade & ISO 9001 : 2015 Certified  
(Approved by AICTE, New Delhi; Affiliated to JNTUG, Vizianagaram)  
NH-16, Etcherla-532410, Srikakulam(Dist.), Andhra Pradesh  
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**ISO 9001:2015 and accredited by NAAC- B++**  
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## ABOUT THE COLLEGE

### The VIKAS EDUCATIONAL SOCIETY

Established **Sri Venkateswara College of Engineering and Technology (SVCET)**, Etcherla, in 2008 with the Vision of fostering the advancement of science and Technology in the industrially underdeveloped Srikakulam region. The institution aims to provide students with access to cutting-edge technologies, enabling them to broaden their horizons and build a brighter, more promising future for themselves and for society as a whole.

With a long-standing legacy in the field of education, SVCET takes pride in its team of highly qualified and experienced faculty members. Guided by its mission statement—"Offer quality education to the youth, enable them to develop the right attitude and professional competency, and inculcate ethical values"—the institution is committed to nurturing responsible and competent professionals.

SVCET is accredited in **Cycle-2 by NAAC with a B++ grade in 2025** and is an **ISO 9001: 2005 certified institution**. The college is located on a **lush green campus** and is well-connected by both road and rail networks. SVCET also received the **Best Greenery Campus Award in 2017** from the **A.P. Urban and Greening Corporation**, reflecting its commitment to a sustainable and eco-friendly learning environment.

## ABOUT THE DEPARTMENT

The Civil Engineering Department aims to provide Quality education and practical knowledge to help students build successful careers in the field. The department encourages both faculty and students to be creative and work on innovative ideas related to civil engineering. We also offer basic consultancy services to local industries and contribute to solving real-world Engineering problems. Our focus is on promoting sustainable practices and supporting regional development through civil engineering solutions.

## ELIGIBILITY

The faculty members, Research Scholars of the AICTE approved institutions and Industry Personnel

**GUIDELINES** The certificates shall be issued to those participants who are registered on ATAL portal

[www.aicte-india.org/atal](http://www.aicte-india.org/atal)

Should attend program with minimum 80% attendance

## REGISTRATION FEE: Free

Link for the registration: Participants are requested to register

compulsorily in the following link:

<https://atalacademy.aicte.gov.in/login>

## DETAILED SESSION PLANNING BASIC AICTE ATAL FDP WEEK 1 ONLINE

FDP Session Planning					
Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
6:00 PM to 6:30 PM Inaugural Session	6:00 PM to 7:30 PM Session 3	6:00 PM to 7:30 PM Session 5	6:00 PM to 7:30PM Session 7	6:00 PM to 7:30PM Session 9	2:00 PM to 3:30PM Session 11
6:30 PM to 8:00 PM Session 1	7:30 PM to 9:00 PM Session 4	7:30PM to 9:00PM Session 6	7:30 PM to 9:00PM Session 10	7:30 PM to 9:00 PM Session 10	3:30 PM to 5:00 PM Session 12
8:00 PM to 9:30 PM Session 2					5:00 PM to 7:30 PM Session 13
					6:30 PM to 7:30 PM Online test & feedback
					7:30 PM to 8:00 PM

## RESOURCE PERSONS

**Dr. C. V. Chalapathi Rao**  
Ex-Chief Scientist, CSIR  
NEERI, Nagpur

**Prof. S. Bala Prasad**  
Professor, Department of  
Environmental Engineering,  
Andhra University

**Prof. Ch. A. I. Raju**  
Professor, Dept of  
Chemical Engg.,  
Andhra University

**Lt. Prof. N. M. Yugandhar**  
Professor, Dept of Chemical  
Engg., Andhra University

**Mr. N. V. Bhaskar Rao**  
Retd. Chief Environmental  
Engineer,  
Government of Andhra  
Pradesh

**Mr. P. Narsimha Rao, IRSE**  
AGM, Rail Vikas  
Nigam Ltd, Wiltair

**Mr. Siddhartha Nauduri**  
MENA Technical Lead,  
Global Green Growth  
Institute (GGGI), Abu  
Dhabi, UAE

**Mr. Rama Kishore Jagadam**  
Engineer, Water Treatment  
Industry, Saudi Arabia

**Dr. Ravi Kumar Kandula**  
Associate Professor, Samara  
University, Ethiopia, Africa

**Dr. Polinati Satya Sagar**  
Manager – QA & QC,  
NMDC Steel Ltd.

**Dr. Sunil Nandipati ,**  
Assistant Professor, GITAM  
(Deemed university) Ap.

**Mr. K. Venugopalan**  
DGM, NACL  
Industries Ltd., Srikakulam

## COORDINATOR

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## CO-COORDINATOR

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