

World Engineering Day for Sustainable Development

The Institution of Engineers (India) Andhra Pradesh State Centre (IEI APSC), in association with the IEI Students' chapter - EEE, Vasireddy Venkatadri Institute of Technology (VVIT) and the Board for Community Development through Education (BCDE), Government of Andhra Pradesh successfully organized a hybrid session to commemorate World Engineering Day for Sustainable Development. The event, held on March 4, 2025, featured a keynote address by Prof. Dr. S.V. Satyanarayana, Director Academic & Planning, Jawaharlal Nehru Technological University Anantapur (JNTUA), on the topic "Waste to Wealth: Circular Economy Strategies for a Sustainable Future." Presidential Remarks were given by Prof. Dr. M.L.S. Deva Kumar, Chairman, IEI APSC, and Secretary & CEO, BCDE, Govt. of AP, "As we celebrate World Engineering Day, let us remember the crucial role engineers play in achieving the United Nations' Sustainable Development Goals (SDGs). The SDGs are a blueprint for a sustainable future, and engineers are key to turning this vision into reality. From developing sustainable infrastructure to promoting renewable energy, engineers have the power to transform our



world. Let us work together to create a better future for all." Prof. Dr. S.V. Satyanarayana, Chief Guest & Keynote Speaker delivered a presentation on the topic 'Waste to Wealth: Circular Economy Strategies for a Sustainable Future' He stressed that, As we strive for sustainable development, it's essential to adopt circular economy strategies that eliminate waste and pollution. Engineers have a vital role to play in developing innovative solutions for waste management, promoting recycling,

and creating sustainable products. By working together, we can create a circular economy that benefits both people and the planet."

Key Takeaways from the Keynote Address:

- **Circular Economy Strategies:** Adopting circular economy strategies can help eliminate waste and pollution, promoting sustainable development.
- **Waste Management:** Engineers can develop innovative solutions for waste management, promoting recycling and reducing waste.
- **Sustainable Products:** Circular economy strategies can help create sustainable products that reduce waste and promote eco-friendly practices
- **Collaboration:** Collaboration among engineers, policymakers, and stakeholders is crucial for creating a circular economy that benefits both people and the planet.

Messages from Other Dignitaries:



- Mr. Vasireddy Vidyadagar, Chairman, VVIT conveyed greetings as "We are proud to associate with IEI APSC and promote sustainable development through engineering education and research."
- Dr. Y. Mallikarjun Reddy, Principal, VVIT: "Our institution is committed to fostering innovation and sustainability among our students. We appreciate the efforts of IEI APSC in promoting World Engineering Day."
- Dr. A.V. Naresh Babu, Honorary Secretary, IEI APSC: "We are grateful to all the dignitaries and participants who made this event a success. We will continue to promote sustainable development through engineering education and research."

Mr. Kalyan Faculty Advisor, IEI Student Chapter – EEE, VVIT coordinated the event, with active participation of IEI Student Chapter Core Team.

The event was attended by engineers, faculty, and students from various engineering colleges and polytechnic colleges. The program aimed to promote sustainable development and encourage innovation among engineers.

