

REPORT OF NON SPONSORED/LOCAL ACTIVITIES ORGANISED BY CENTRES / OVERSEAS CHAPTERS

<b>Name of Centre</b>		<b>ANDHRA PRADESH</b>	
<b>Name of the Centre / Forum</b>		<b>ANDHRA PRADESH STATE CENTRE</b>	
<b>Title of the Seminar:</b>		<b>World Engineering Day</b>	
<b>Under the aegis of which Divisional Board:</b>		<b>Civil</b>	
<b>Program Date:</b>	<b>05<sup>th</sup> -03-2024</b>	<b>Program Time:</b>	<b>2:30 PM</b>
<b>Associate organization (if any):</b>		<b>Velagapudi Ramakrishna Siddhartha Engineering College</b>	
<b>No. of Participants</b>		<b>110</b>	

**Report of Non-sponsored Activities**

**Brief Details about the Programme:**

2:30 PM - Joining the Program



Dignitaries on the Dais

2:45 PM - Started the Program by Dr. Chava Srinivas Professor and Head, CED, VRSEC



Dr. Chava Srinivas, CED, VRSEC

Dr. Chava Srinivas garu said about what is the importance of building with nature, People and economic activities keep on concentrating in large urban areas, mostly located in coastal, deltaic and riverine areas. Land and water use in these urbanizing areas grows dramatically, as do flood risk and climate sensitivity. Moreover, society increasingly demands more safety, prosperity and sustainability.

In today's rapidly changing world, the importance of sustainable engineering practices cannot be overstated. In a groundbreaking initiative, engineers and environmentalists alike are embracing a new approach known as "Building with Nature," aimed at harmonizing human-made structures with the natural environment.

Building with Nature represents a paradigm shift in engineering philosophy, recognizing that our built environment can coexist harmoniously with the natural world. By integrating ecological principles into engineering design, construction, and operation, this innovative approach seeks to mitigate environmental impact, enhance resilience, and create more livable communities.

"At its core, Building with Nature is about collaboration with the environment rather than opposition," explains Dr Chava Srinivas, Professor and Head, Department of Civil Engineering, VR Siddhartha

Engineering College, Vijayawada, "It's about recognizing that nature holds the key to sustainable development and leveraging its inherent resilience to create a better future for all."

Key elements of the Building with Nature approach include:

**Integration of Ecological Principles:** Incorporating biodiversity conservation, green infrastructure, and natural water management strategies into engineering projects.

**Alignment with Sustainable Development Goals:** Contributing to the achievement of the United Nations Sustainable Development Goals (SDGs), particularly those related to environmental conservation and resilient infrastructure.

**Success Stories:** Showcasing real-world examples of projects that have successfully implemented nature-based solutions, demonstrating the tangible benefits of this approach.

With the global community increasingly focused on addressing climate change and fostering sustainable development, Building with Nature has emerged as a beacon of hope for engineers, policymakers, and environmental advocates alike. By embracing this holistic approach to engineering, we can create a more resilient, equitable, and sustainable world for generations to



Audience



Certificate of Excellence given to Dr. Chava Srinivas garu Speaker