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Guest Lecture on "Resilient Structures"

The Department of Civil Engineering, MVJCE, conducted a Guest Lecture on **"Resilient Structures "** on **28th March 2026** for UG 2nd, 4th and 6th Semester Civil Engineering Students in Room No. 223, MVJCE.

Objectives of the Event

The primary objectives of the event were:

- To introduce students to the concept of resilience in structures and its importance in addressing challenges like natural disasters, climate change, and urban growth.
- To explain the core principles of resilient design (robustness, adaptability, redundancy, rapid recovery) and demonstrate their application in buildings, bridges, and infrastructure systems
- To inspire students to integrate resilience into their professional outlook, linking it with sustainability, innovation, and career opportunities in civil engineering.

Event Overview

The Department of Civil Engineering at MVJ College of Engineering organised a guest lecture titled " Resilient Structures " on March 28, 2026. The event featured Dr. Naveen Revanna, Assistant Professor, PhD (Xi'an Jiaotong–Liverpool University (XJTLU), China). The guest lecture brought together students from 2nd, 4th and 6th semesters and faculty to explore the interactive session that provided insights into designing infrastructure that can withstand, adapt to, and recover from extreme events while promoting sustainability and safety.

The flow of events is scheduled as follows:

Time	Title
10:30AM-10:40AM	Welcome address by Prof. Asra Fathima
10:40 AM-10:45 AM	Guest Introduction by Prof. Niteen Keerthi
10:45AM -12:30PM	Presentation by Dr. Naveen Revanna
12:30-12:40PM	Vote of thanks by Prof. Muralidhara

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Figure 1: Event Banner

Figure 2: Welcome Address by Prof. Asra Fathima

Figure 3: Plant sampling offered by Prof. Muralidhara R

Figure 4: Students listening to the Guest Lecture delivered by the resource person

Outcomes and Impact

- Students gained a clear understanding of resilient design principles and their practical applications, strengthening their technical foundation in civil engineering.
- The lecture connected resilience with sustainability, disaster preparedness, and emerging technologies, encouraging students to think beyond conventional design approaches.
- The session inspired students to integrate resilience into academic projects and professional careers, fostering innovation and responsibility toward society's infrastructure needs.

Conclusions

The guest lecture on "Resilient Structures" successfully achieved its objectives by equipping UG Civil Engineering students with essential knowledge, practical insights, and forward-looking perspectives. It not only enriched their academic learning but also inspired them to view resilience as a vital component of sustainable and safe infrastructure development.

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