



Sreenivasa Institute of Technology and Management Studies (SITAMS)

Murukambattu, Chittoor, Andhra Pradesh.

Technical Talk

On

“Polymer Composites in Bridge Rehabilitation”

Department of Civil Engineering organized a Tech-Talk on Polymer Composites In Bridge Rehabilitation” on 16-11-2019.

The FRP (fiber reinforced polymer) composites are best defined as an engineering material that consists of thermosetting resin and a fiber reinforcement. Restoring or improving the structural performance of existing bridge sections using FRP materials usually involves bonding a plate of composite fiber reinforcement to the sections with an approved adhesive. Reinforced polymer composite materials are frequently used to rehabilitate deteriorated bridge columns that have been physically damaged or weakened by corrosion. Another common application of FRP materials is for upgrading bridge and building columns in earthquake-susceptible areas. Bridge deck replacement probably represents one of the largest potential applications for FRP materials.

Speaker’s Details : Dr. C. Hanumantha Rao

Professor/ CE Dept / KL University

Convenor : Mr. B. Krishna Moorthy, Assistant Professor, CE Dept., SITAMS.

Date : 16.11.2019

Venue : Gallery, SITAMS.

Target Audience : Faculty and Students.





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Murukambattu, Chittoor, Andhra Pradesh.

Technical talk

On

“Automated Highway Systems”

Department of Civil Engineering organized a Tech-Talk on “Automated Highway Systems” on 17-02-2020.

The Automated Highway System (AHS) program, stepped up in response to the mandate of the Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA) to "develop an automated highway and vehicle prototype from which future fully automated intelligent vehicle-highway systems can be developed," will provide the vision and technology to make highway driving efficient, safe, and predictable.

In an automated highway system, the car will be guided by the road rather than by the driver. Sensors and communication devices will link the road and the vehicle to maximize driving performance. Driver error will be reduced and ultimately, with full implementation, eliminated.

Speaker's Details : Dr. S.P. JEYA PRIYA Professor, Department of CE,
GCT Coimbatore

Convenor : Dr. G. Omkhar, Assistant Professor, CE Dept., SITAMS.

Date : 17.02.2020

Venue : Gallery, SITAMS.

Target Audience : Faculty of SITAMS.

