



Sreenivasa Institute of Technology and Management Studies (SITAMS)

Murukambattu, Chittoor, Andhra Pradesh.

Technical talk

On

“Cell Filled Pavements”

Department of Civil Engineering organized a Tech-Talk on “Cell Filled Pavements” on 14-12-2021.

Cell-filled concrete pavement is the technology developed by IIT Kharagpur, which has proved to be a very promising solution for overloaded vehicles, inadequate drainage facilities, and waterlogging problems. Cell-filled concrete pavement consists of formwork of plastic cells over the compacted subgrade / sub-base, filled with concrete or stones. The following are advantages of Cell Filled Concrete Pavements:

- Use of recycled plastic.
- As the expansion or contraction joints are not required, and hence maintenance of joints is eliminated.
- The cost of construction is considerably reduced when compared to conventional cement concrete pavement.
- The consumption of aggregates is almost reduced to 50% when compared to normal CC pavements.
- If the individual block fails, it can be easily replaced without much effort and with the least cost.

Speaker's Details : Dr. G.N. Pradeep Kumar, SVUCE, Tirupati

Convenor : Mr. N.S Ajeesh Kumar, Assistant Professor, CE Dept., SITAMS.

Date : 14.12.2021

Venue : Gallery, SITAMS.

Target Audience : Faculty and Students.





Sreenivasa Institute of Technology and Management Studies (SITAMS)

Murukambattu, Chittoor, Andhra Pradesh.

Technical talk

On

“Coal Pavements”

Department of Civil Engineering organized a Tech-Talk on **“Coal Pavements”** on **18-02-2022**.

Sealcoat is the black, viscous liquid applied to many asphalt parking lots, driveways, and playgrounds in North America to protect and enhance the appearance of the underlying asphalt. Coal-tar-based pavement sealcoat is a potent source of polycyclic aromatic hydrocarbon (PAH) contamination in urban and suburban areas and a potential concern for human health and aquatic life.

Speaker’s Details : Dr. J. Guru Jawahar, Professor, CE Department, AITE, Tirupati

Convenor : Mr. J V Naidu, Assistant Professor, CE Dept., SITAMS.

Date : 18.02.2022

Venue : Gallery, SITAMS.

Target Audience : Faculty and Students.

