



CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

An Autonomous Institute | Affiliated to Osmania University
Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075, www.cbti.ac.in

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All India Ranking 151-200 Band



ISO Certifications

Quality Audit 9001 : 2015
Green Audit 14001 : 2015
Energy Audit 50001 : 2018

COMMITTED TO
RESEARCH,
INNOVATION AND
EDUCATION

45
years

Department of Civil Engineering

Schedule of FDP

On

Advanced Technologies and Innovations for Automation in Infrastructure Engineering

15th – 20th July 2024

Day & Date	FN: 10:00 a.m. to 12:00 p.m.	AN: 2:00 p.m. to 4:00 p.m.
DAY 1 15 July 2024	Inauguration and Keynote Lecture Prof. Kolluru V. L. Subramanyam IIT Hyderabad Topic: Adoption of AI and ML into Civil Engineering curriculum.	Dr K. V. R. Ravi Shankar Associate Professor, NIT W Topic: Applications of AI in road safety
DAY 2 16 July 2024	Dr. Sreevalsa Kolathayar Associate Professor, NIT K Topic: Deterministic seismic hazard and landslide hazard zonation.	Dr. Raghuram Ammavajjala Assistant Professor, BITS Hyderabad Topic: Risk and reliability Analysis
DAY 3 17 July 2024	Dr. Digvijay S. Pawar Associate Professor, IIT Hyderabad	Dr. Bhadradri Raghuram Kadali Assistant Professor, NIT W



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	<p>Topic: Road Safety with ADAS and Autonomous Vehicles</p>	<p>Topic: Data Analysis for Traffic Data</p>
<p>DAY 4 18 April 2024</p>	<p>Dr. Venkata Dilip Pasupuleti Associate Professor, Mahindra University</p> <p>Topic: Concrete Crack Detection from Video Footage for Structural Health Monitoring</p>	<p>Dr. Prasanta Kumar Sahu Associate Professor, BITS Hyderabad</p> <p>Topic: Adopting Twitter Data in Urban Mobility Planning</p>
<p>DAY 5 19 April 2024</p>	<p>Dr. T. P. Tezeswi Associate Professor, NIT W</p> <p>Topic: ML applications in structural health monitoring</p>	<p>Dr. V. Guru Prathap Reddy Assistant Professor, NIT Nagaland</p> <p>Topic: Image analysis-based deterioration assessment of concrete</p>
<p>DAY 6 20 April 2024</p>	<p>Dr. C. Naveen Kumar Road Safety Consultant, URS Scott Wilson</p> <p>Topic: Overview of ICT techniques in driverless/ Autonomous Vehicles.</p>	<p>Dr. C. Naveen Kumar Road Safety Consultant, URS Scott Wilson</p> <p>Topic: Hands-on training using ML techniques in Google-colab.</p> <p>Validatory</p>