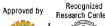


## CHAITANYA BHARATHI Institute of technology

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ISO Certifications

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



## Department of Civil Engineering Schedule of FDP On

## Advanced Technologies and Innovations for Automation in Infrastructure Engineering $15^{\rm th}$ – $20^{\rm th}$ July 2024

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



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