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SRM SOCIETY OF CIVIL ENGINEERS  
IN ASSOCIATION WITH  
INDIAN CONCRETE INSTITUTE PRESENTS

# CONCRETUS 20'

NATIONAL LEVEL TECHNICAL FEST

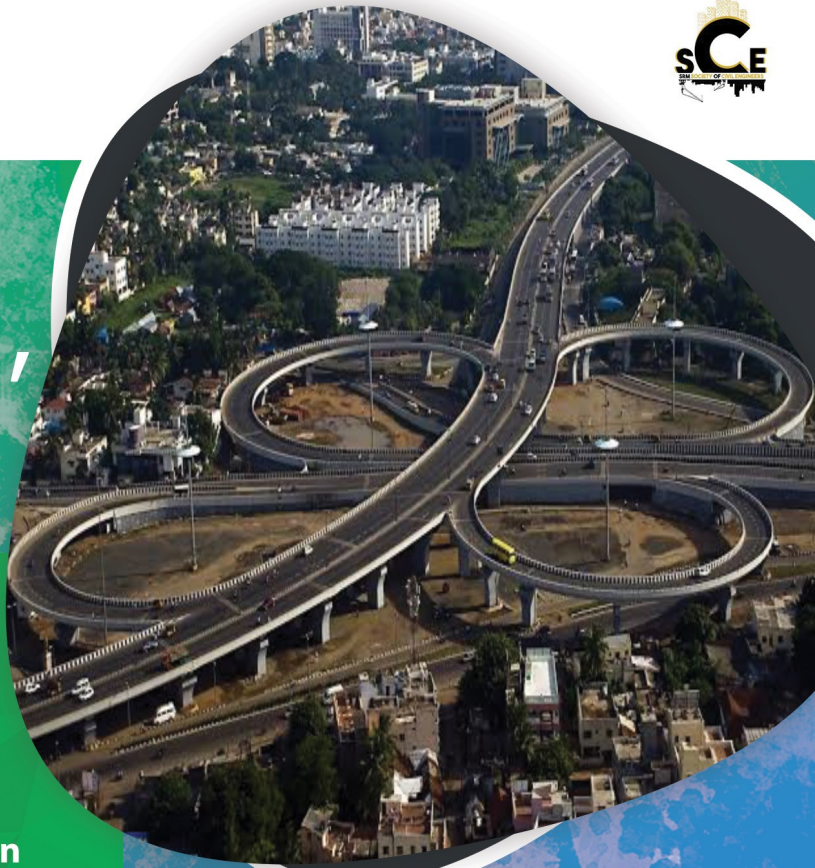
## CURVA GEOMETRIA

Competition Domain: **Transportation  
Engineering**

**Title: Design of road geometrics for a given scenario and develop the model for the alignment.**

**Abstract: Setting an alignment and designing the road geometrics plays a vital role in the Highway Engineering. This perhaps helps in safe operations and easy maneuvering for the traffic movement. As we know that the alignments are of two forms based on the change in the direction and elevation. Hence the design is to be considered for both the alignment characteristics with the riding safety wherever applicable.**

**As part of this event, you will be given with a scenario of topography and few sets of data in spot speed studies, vehicular flow characteristics, elevation profile, curve parameters and modeling scale with which you will set the alignment. You will be asked to analyze, design the road geometrics and make the model.**



## THE OUTPUT

- > Analyze the traffic survey data
- > Design the safe geometric elements required at any specified location
- > Interpret the site condition and the construction of road by developing the model that meets the requirements.

**NOTE: Problem statement will be provided at venue.**



### CONTACT US

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