

# Event: Antah Asti Prarambh

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## Description

The use of personal vehicles is on rise currently leading to various problems as pollution, traffic congestion on roads, loss of fuel, but one of the better solutions to this is the use of public transport. So, as a transport engineer one must provide a public transport system which works more efficiently than private transport. In this view point, an event is organized in which one has to plan a better public transport system.

## General Rules

1. Maximum 2 participants per team and maximum time 30 minutes for planning of routes.
2. Coordinates of origin point, destination point and Three modes of transport are given in sheets
3. Coordinates of fix stops, cost and time for each mode of transport per kilometer are given.
4. Participants bring their own different coloured pen/sketch pen/crayons/pencil/ Scale and eraser for different modes of transport. Water colours are not desirable.
5. One has to plan three routes for different modes (one for private vehicle, one for bus and one for metro rail) of transport between origin and destination.
6. All the routes should start from origin and end at destination.
7. All the planned routes must pass through Central Business District (CBD/Market).
8. Private vehicle route must also pass through fuel station.
9. Bus route must also pass through bus stops.
10. Metro rail route must also pass through metro stations.
11. Routes must not be aligned diagonally.
12. It is required that routes of any mode should not overlap.
13. Crossing of routes for different modes is permitted.
14. The competitors will be judged on the basis of travel cost ratio and travel time ratio.
15. The decision given by the faculty coordinator is final in case of any kind of disputes during the competition.

## Faculty Coordinator

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## Student Coordinator

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