SMART CITY CHALLENGE

Smart City Planning Challenge

Description

Have you ever thought of planning your own dream city? Are you also obsessed with the traffic congestion and other problems encountered in Indian cities? Do you have a vision for Smart Cities? ASCE PEC gives you the chance to showcase your skills and pursue your passion and vision for the same this PECFEST'17.

COMPETITION STRUCTURE

- The competition will be held in two rounds.
- **Round 1**- Participants need to prepare a plan of a new proposed city of size 8 km x 8 km. The city has to cater the existing population of 6 Lakh people and the design period of the city is 30 years (i.e. the city has to cater the plausible requirements and population for 2047). The plan has to be drafted in AutoCAD so that it can be presented and printed on A0 sheet size.

Following basic facilities have to be planned as per the necessity of a smart city viz.

- Consider every 4th person can afford a car so devise an Intelligent Transport System giving priority to Urban Public mode of transportation.
- Sewage treatment plant, Water supply works, Solid waste management scheme, Landfill etc. (Just the location of the treatment plants, landfill etc. has to be shown; Water supply lines and sewer lines need not be shown)
- Green area or spaces.
- Maximize Connectivity with other cities.
- Residential, Commercial and Industrial areas or clusters etc. need to be indicated.
- Smart and intelligent control systems Scope for future expansion of city.
- Other basic and necessary facilities as may be required in a smart city.
- **Round 2** – Top 6 teams from the round 1 will advance to the final round 2 in which they have to present their concept and proposal in front of Jury in about 10-12 minutes.

- The evaluation of Round 1 will be done prior to **PECFEST** through the online submission of the AutoCAD file containing the plan along with synopsis containing the salient features of the proposed scheme in about 300 words.
- The online entries have to be submitted on or before **18th October, 2017** at jindal.jitesh230@gmail.com or jarnailsingh1637@gmail.com.
- **A best proposed design award** will be presented to the top scoring team from Round 1 in addition to the prizes that will be given after the final round evaluation.

Round 2 will be held in PECFEST as per the event schedule in the official website of **PECFEST'17**.

RULES

- **One team** can have maximum of **3** members.
- Cross-college participation is allowed but no two teams can have a same member.
- The decision of the organizers is final and binding to all.
  [The specific details for all the final round and scoring criteria will be revealed on the spot]
  [Please refer the latest event schedule for date, venue and time]