EngiNX

Engineering for Next Generation

An Engineering Design Innovation contest from Tata Consultancy Services Limited (*TCSL*) - *Engineering and Industrial Services Business Unit*

Eligibility:

- Students of 2014 and 2015 batch from TCS accredited institutes in India.

- Students across Technical UG and PG category

- Multi-discipline teams combining more than one of the following areas:

- **Mechanical and related disciplines –** Mechanical, Mechatronics, Robotics, Production, Industrial, Automotive, Aerospace, Thermal and so on
- **Electronics and related disciplines** – Electrical and Electronic Engineering (EEE), Electrical Communication Engineering (ECE), Electronics and Telecommunication Engineering (EXTC), Embedded, VLSI, Digital Communications, Digital Electronics, Applied Electronics, Telecommunications and so on
- **Controls and related disciplines** – Instrumentation and Controls, Controls, Industrial Automation and so on
- **Bio-Medical Engineering**

Participation Guidelines

The following are the participation guidelines for participating in this innovation challenge:

- Students will have to **Register** on TCSL NexStep for taking part in the contest.
- Each team can have only *four* members.
- After registration begins, all interested participants will be required to register for the contest on Campus Commune.
- Each team should choose a team name and the team leader.

- During registration, the team leader should **Nominate** self as the Team Leader and also **Nominate** the team members. It is the responsibility of the team members to **Accept** the nomination/invitation.

- In case a team member rejects a nomination, the Team Leader will be able to send a new request to another registered member from same institute to join the particular team.

- The team will be formed after all nominated members accept their nominations.

- The Team Leader of each legitimate team will be our point of contact for any further communication with respect to the contest and will be responsible for updating the respective team members.

- The team can be from the same discipline or may be inter-disciplinary. To be in line with the present business trends, we encourage formation of multi-disciplinary teams to come up with innovative solutions.

- Team members of a particular team have to be from same college/institute.

- Team members have to remain constant throughout the contest. Swapping of participants within teams is not allowed and will lead to disqualification of the respective teams from the contest.

- The infrastructure required for the development of a solution/application/project shall be borne by the respective teams or the institutions they represent. TCSL will not be liable for any misuse or possible damage to the infrastructure which may be caused by participants during the contest.

- Entries submitted after the contest end date will not be considered for evaluation.

- In the final stage of the contest, each shortlisted team will need to develop an engineering solution for addressing a chosen problem. *Only software/programming solutions will not be accepted for evaluation.*

- TCSL will *reimburse* the cost towards developing a working model up to *Rs. 25,000* (rupees twenty five thousand) per team upon verifications of the expense/s.

- Each team will own the respective model developed by them and will be responsible for the possession of their models at all times throughout the duration of the contest. TCSL will not claim any ownership/responsibility towards the models developed or any component/s of the model.

- You are advised to make own transport arrangements to and from the location of the Grand Finale. The expenses incurred towards travel to/from the location where Grand Finale is held, will not be reimbursed.

- Accommodation and travel from/to TCSL provided accommodation to the place where Grand Finale is held, will be arranged by TCSL.

Contest Schedule:

Registration and Team Formation: 27 May-2013 to 14-June-2013

Round 1 : Quiz , 17-June-2013

Round 2 : Idea Submission , 19-June-2013 to 30-June-2013 (Top 40 teams)

The solution ideations are expected from the following areas:

- Robotics
- Mechatronics
- Image processing
- Machine-to-Machine communications
- Remote diagnostics or similar other emerging technology/application

Low cost solutions that apply Frugal Engineering/Value Engineering/Reverse Innovation principles to make it affordable will be encouraged.

Round 3: Development of Working Model and Grand Finale, 24-July – 2013 (Top 5 teams)

*** Contest dates are subject to change at the discretion of TCSL*

For More Details:

Log on to the Contest Community (EngiNX) on Campus Commune.