

### ABOUT:

Advanced Robotics Challenge (ARC) is a contemporary robotics competition designed exclusively for the college students to

- Provide a globally recognized platform to showcase their innovation & creative thinking
- Promote hands-on learning of industry standard designing, building & programming tools
- Make them 'Industry Ready' by complementing the academic skills with advanced technical and soft skills

### 2017 CHALLENGE:

**Tetrastack:** Teams are expected to develop a robot that locates, identifies & stacks interlocking colored shapes called 'TetraCubes' on to an upright rectangular box called 'Stacking Form'. Robot shall gain score points basis to number of cubes placed on the stacking form.

In short teams are required design a robot that excels playing 'Tetrastack' which is similar to popular Tetris® video game!

### TEAM DEMOGRAPHICS:

**17-25 YRS**

of students are eligible to participate

**2-3 MEMBERS**

can form a team guided with an adult coach



**EXCLUSIVE INTERNSHIP OPPORTUNITY AT:**

**GREYORANGE**

### TEAMS PROGRESSION:

**NATIONAL CHAMPIONSHIP**

9-10 September 2017  
Delhi / NCR

**FLY TO COSTA RICA**

**INTERNATIONAL CHAMPIONSHIP**

10-12 November 2017  
Costa Rica

### RECOMMENDED KIT OF PARTS:

**TETRIX**

Building Set

**NATIONAL INSTRUMENTS**

myRIO Controller

**LabVIEW STUDENT**

Edition Software or 'C' Programming Languages

Registration open till  
**5<sup>th</sup> August, 2017**

SCAN TO REGISTER



OR VISIT BELOW

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