RaspberryPi

ARDUINO

Open Source Hardware Project Contest'20
OSHWPC-20

Compete & Win prizes worth ₹ 10,000

IJTRET Journal gives you an unique opportunity to enhance your practical skills on Open source hardware projects using Raspberry pi and Arduino boards innovatively!

Showcase your skills in doing projects using open source hardware development boards – Raspberry Pi & Arduino boards to world & win exciting prizes worth ₹ 10,000

Eligibility

Students from across the world can compete to prove their skills and solve real-world problems with open source development boards- Raspberry pi and Arduino.

Anyone who is pursuing graduate/post graduate studies and passionate towards Raspberry pi & Arduino can participate in this contest . You need to have a strong desire to develop and showcase your technical skills in doing projects using raspberry pi & Arduino to the world.

Projects for contest

You can choose any project or problem you want to address. However the projects should have been done using open source development boards like Raspberry pi or any versions of Arduino boards.

You can use a variety of sensors and actuators for your project but the projects with innovative ideas will have more chance of winning.

Open source tools can be accessed from GitHub or from other repositories such as CodePlex for your projects.

Submission Guidelines

Your submitted project might be helpful to thousands of users to learn projects. Hence to make your project readable and easy to understand , you are requested to prepare and submit the project containing the following information.

1. A text file of 6 pages max in the camera ready format using the same guidelines and formatting as for technical papers(wwww.trendytechjournals.com)

2. Authors will be required to send a sign copyright form to the Trendytechjournals.

3. A text file should containing the following information:
   * Title of Project ,Names and affiliations of authors .
   * A description of the project, goals, methods, challenges, and any result obtained.
   * Circuit diagrams preferably using fritzing software, sample input, output or screenshots should be included in the description.
   * Step by step demonstration on how to build the project.
   * Code snippets- preferably inserted by the code block instead of giving as plain text.
   * Videos if any can be uploaded in you tube and submit us the url.

The project should be submitted via the online submission system given in the IJTRET journal website - www.trendytech journals.com

Prizes and recognition

1st Prize: INR (₹) 5,000/-

2nd Prize: INR (₹) 2,000/-

Three 3rd Prizes: INR (₹) 1,000/- each

Every eligible participant will get certificates.

All submitted projects after peer review will be published in the International Journal of Trendy Research in engineering & Technology

Instructions to contestants

1. Sign-in on trendytechjournals.com and submit your project.

2. After submitting , the project will be reviewed . The projects which are of publication standard will be published in the Journal-IJTRET

3. After publishing the project successfully, team members will get certificates .

4. After 15th January 2021, your projects will be evaluated for the winner selection.

5. On 2nd February 2021, winners will be announced online on the IJTRET journal website and through e mail to the winners.

Judging criteria

Entries will be judged by a panel of experts based on the following criteria:
Ideas and execution (40 points)
Bringing a creative project requires two different things— ideas and execution.
The project should be based on your creative ideas
Project Documentation (30 points)
The project should be documented in such ways that even the beginners reading the project should understand to recreate it.
Supporting material (30 points). The project should provide the required Code, detailed components list, schematic file, design files with guidelines & proper comments. Proof of pull request made to Github repositories has an additional advantage.

Entry Registration Fees: Rs. 200/- per team.
Maximum of six members are allowed per team.
Registration fees should be paid through payment gateway
(https://trendytechjournals.com/instructions-to-authors-registration.php)

Submission Date extended to 15th Jan 2021

Note:

1. Your project should not have been selected as a winner in any other contest or published in any journal.
2. The description of the project should be without plagiarism
3. No readymade project prototypes should be used. The project should be designed and built all by yourself .
4. Judges decision is final and they will not enter into any discussion about their findings