

Pan-India Students' Design Contest

The contest is aimed at attracting the most creative minds in the field of engineering for finding innovative solutions to contemporary problems in the sports domain.

Total cash award £ 600

This is an opportunity to develop a novel proof of concept to a sports engineering challenge.

Registration & Submission: https://docs.google.com/forms/d/e/1FAIpQLSc7WFIMnSBOECI9L0Xs4tBN2_Jso0fqd-0Z3TulZNOjCMSijA/viewform

[Google Form Link]



All contestants to register online free of charge and subsequently submit their worked-out solution in the standard format before the deadline mentioned above. A webinar is planned on 16th May 2021 for the benefit of registered participants and the same will be addressed by Dr. David James (<https://uk.linkedin.com/in/david-james-a5118645>). Submissions are not anonymous and should include all Team members' and Mentor' names and affiliation details. Shortlisting will be done based on the submitted document and will be communicated through the website announcement (<http://icse.sportsea.org/>) by the deadline mentioned. All shortlisted team members will receive an e- certificate issued jointly by SEA & ISEA. At least one member of the shortlisted team is required to register (Early-Bird with student concession up to 10th July 2021) at the conference website to participate in the final contest. All contestants participating in the conference will get a chance to interact with Professors and Researchers from leading institutes of the UK and USA engaged in sports engineering research. The result will be declared on 3rd March 2022 at the conference venue based on the final presentation.

The Problem statement: Pick your favorite sports, identify a key challenge element in the same in terms of either of the three areas listed below, research about the present status and existing solutions, devise your novel solution and proof of concept, articulate nicely using the format provided and submit.

1. Technology for decision making
2. Sports performance enhancement
3. Athlete safety, injury prevention

Detailed Guidelines Document

It is highly recommended that you go through the Detailed Guidelines document carefully before participating.

Announcement

SEA and ISEA are jointly organizing a Pan India Students' Design Contest for Undergraduate and Post Graduate students primarily from technical campuses in India. The contest will allow students to use their technical knowledge in solving problems related to sports. There are attractive prizes and participation certificates. First prize £ 200, Second prize £ 150, Third prize £ 100, Three consolation prizes each £ 50.

* Cash prizes announced in £ will be paid in INR at the conversion rate of 15th March 2021, the date of award announcement.

Eligibility

Contestants can form a team of 2-4 members with an identified team leader and must register themselves online on or before the closing date of registration. One-member team is also permitted. A team can have a mentor from faculty or alumni member of the same institute/university.

A student can be a Team lead for only one team. The participants from each team must be students currently enrolled for a degree program in a single campus of an Indian University / Institute§. Team members should be from multiple disciplines, including both boys and girls. A team may choose to have a maximum of two mentors, in such case, one each from faculty and alumni. The faculty must be a full-time faculty member at the same campus of the university/institute. The Alumna / Alumnus should have graduated not more than 5 years prior from the same campus of the university/institute. Any individual who is registered as a team mentor cannot participate in the competition as a student.

ICSE reserves the right to verify eligibility and to adjudicate on any dispute at any time.

§ Students from a foreign campus of an Indian university can also participate in the contest.

Additional requirements

- Submission must be entirely the original work of the participant – whether it is of an individual or team (excluding the use of the open-source or other code and resources created for common use).
- Submission must not contain any advertisement or solicitation
- Submission must not contain anything that is or may be construed as (i) threatening, harassing, degrading or hateful; (ii) defamatory; (iii) fraudulent or tortious; (iv) obscene, indecent or otherwise objectionable; or (v) protected by copyright, trademark or proprietary right without the prior consent of the owner of such right;
- Submission must not contain any material that would give rise to criminal or civil liability or that encourages conduct that constitutes a criminal offense
- Submission must otherwise completely comply in all respects with those prevailing rules and policies of the country. Any works created during the contest are developed under the Creative Commons Attribution 4.0 International Public License.
- ICSE and its representatives will have no responsibility for and will have the right to refuse at its sole and absolute discretion, any entries that have been altered, tampered with, misdirected, incomplete, non-conforming, corrupt,

lost, late, or ineligible, whether due to the Internet or e-mail server failure or otherwise. Proof of transmission of submission shall not constitute proof of receipt.

- It is each entrant's responsibility to keep ICSE and their representatives informed of any changes to the entrant's contact or other information during the competition. By agreeing to participate in this event and signing these rules, the contestants who have created the open-source application(s) waive any future compensation claims.

Judging

Judging is a highly subjective process, but ICSE's panel of judges will be using the criteria below as a framework for their discussion. Judges will review the submitted digital file only for shortlisting purposes. The onus is on the participating team to provide complete details in an easily understandable format along with evidence of expected benefits and novelty of the solution. Following marking scheme will be followed for shortlisting.

A. Quality of problem identification (30 marks)

B. Background research about the present status and existing solutions (30 marks)

C. Novelty of developed solution, proof of concept, evidence of expected benefits (40 marks)

The final submission evaluation will be based on an impactful presentation and interaction with the judges.

Publicity

All entrants of the competition agree to the use of his or her name or likeness, affiliation, and contact details for promotional purposes by ICSE, without additional compensation, unless prohibited by law.

FAQ:

- i) I am a student at the BITS Pilani Dubai campus, can I participate? (Yes)
- ii) At Sikkim Manipal University I am a full-time student from Malaysia, can I participate? (Yes)
- iii) I am an exchange student at IISC Bangalore from IIT Delhi how do I participate?
(You will apply under the Institute you are a full-time student in this case it is likely to be IIT Delhi)
- iv) I am a student at Kathmandu University, can I participate? (No)
- v) I am a full-time M.Sc. student at an Indian University, can I participate? (Yes)
- vi) I am a working professional and registered for an undergraduate distance learning program with IGNOU, can I participate?
(No)
- vii) My faculty mentor is also an alumnus from the same institute, can I take an additional alumnus as a mentor. (Yes, the new alumnus should not be another faculty of your institute)
- viii) I am participating in the ICSE-2021 Pan India Open Design contest, can I also take part in Student Design contest? (Yes, if you are a full time student)