

THE MECHATRONICS ENGINEERING STUDENT OF THE YEAR COMPETITION



£1,000 Prize!

The Competition

To find the best undergraduate or recent graduate student project in the field of mechatronics from a United Kingdom university.

Successful applications will be projects that will demonstrate all key aspects of mechatronics; mechanics, control and their integration to create a working prototype with a practical outcome.

Novelty of idea and original thinking will be particularly rewarded.

The competition is an IMechE competition and sponsored by Elekta Ltd.

Entrants

The competition is open to students who, at the time of entry are on a first-degree course at a university located within the United Kingdom. Students who graduated in 2020/2021/2022 or entering the final year of their degree programme (MEng, BEng or MSc) in the summer of 2022 are eligible to enter the competition (includes those graduating in 2023 and those with student projects being carried out this year for completion by June 2023)

There are no restrictions on gender, age or nationality. All entries must have a signed document from the project supervisor to be eligible.

Entry Form

An official entry form must accompany all entries. Entry forms may be photocopied, printed from the website or additional copies may be obtained from the organisers.

Closing Date

Entries must reach the organisers on or before Friday 23 September 2022

Method of Entry

Entry form must be accompanied by:

1. Project Report

A full copy of the report of the student's individual project, which has been completed between 1 September 2020 and the closing date of the competition. This should be submitted electronically as a .pdf file. Unfortunately, we are unable to accept group submissions for the award.

2. Project Supervisor's Citation

A document of no more than 500 words, written and signed by the project supervisor, describing the student's achievements within the project and giving supporting reasons why they think that the application merits an award.

Care of Material

The organisers cannot accept responsibility for entries or other items that are lost or damaged

Return of Entries

Entries and any accompanying material will not normally be returned

Judging

A panel of judges consisting of practicing engineers and academics will assess the entries and produce a short list of 3 to 5 applicants

The judges will look for application of mechatronics philosophy to a specific engineering problem, economically feasible solutions in terms of its application, excellent research and development practices and final presentations.

Final Presentations

Shortlisted students will be required to make a presentation of no more than 15 minutes plus questions, before the judges and an invited audience at the IMechE Headquarters in London on 26 October 2022.

The purpose of the presentations is to enable the judges to get a more detailed understanding of the students' projects.

Shortlisted students, their supervisors plus personal guests of the student are invited to attend.

Shortlisted students

The decision of the judges will be final and will not be subject to appeal. All entrants must agree to be bound by them. Neither the judges nor the organisers are obliged to give any reason for their judgements, or enter into any correspondence with the entrants or their representatives.

ENTRY FORM - Part I

Full name:

Students contact details from 2nd February 2022

Address:

Telephone number:

Email address:

Full title of degree programme on which you are enrolled:

Type and length of course (e.g. MEng, Four Years): In which year are you currently studying:

Title of project:

What subject or subjects does the project deal with:

Nominal time available for completion of the project:

Weighting of the project as % of the academic year:

Student: I wish to enter the above competition and hereby certify that the above particulars are true and that the Project Report I have submitted is original and has been executed by me since:

Date:

If shortlisted I will/will not (please delete as applicable) be able to attend the final presentations on 26 October 2022 at The Institution of Mechanical Engineers, London

Head of Department: I certify that the above-named applicant is a bona fide student, whose work is of a sufficiently high standard for submission to this national competition. I recommend this student for consideration for the award.

We have read and understood the entry guidelines and rules which are printed on the reverse of this form and agree to be fully bound by them.

Student's signature:

Head of Department's Signature:

Date:

For further information and to submit this completed form, project supervisor's citation and a pdf copy of the student's project report, please email Membernetworks@imeche.org

ENTRY FORM - Part II PROJECT SUPERVISOR'S CITATION

Students Full Name:

Title of the project:

Projects Supervisor's full name and position:

University Department:

University Address:

Telephone Number:

E-mail Address:

Project Supervisor's comments (no more than 500 words) describing the student's achievements within his/her course and particularly in the individual project submitted for this competition, detailing any special attributes of the student and giving reasons why he/she merits an award.

Project Supervisor's signature:

Date:

If shortlisted I will/will not (please delete as applicable) be able to attend the final presentations on 26 October 2022 at The Institution of Mechanical Engineers, London.

Our postal address is:

Taz Khatun, Institution of Mechanical Engineers,
1 Birdcage Walk, London SW1H 9JJ