

O/E/N India Limited

** We make electronics work*

**DATE
EXTENDED
upto 25 JAN 2023**



O/E/N INDIA LIMITED
**TECHNOLOGY INNOVATION
AWARD 2023**

To the winning teams in the competition held among the Engineering Colleges
(Colleges under various Technical Universities in India, NITs, IIITs and IITs).



THEME

EV

TECHNOLOGY

**CASH PRIZE OF
Rs. 200K**

Project Funding offered: Partial or full funding for projects (innovative ideas) selected by screening committee

ACADEMIC
PARTNER



**Muthoot
Institute of Technology & Science**

**MUTHOOT INSTITUTE OF
TECHNOLOGY & SCIENCE, COCHIN**

SCAN ME



O/E/N INDIA LIMITED TECHNOLOGY INNOVATION AWARD 2023

Background

Over the last few years, India has been performing well on the Global Innovation Index and, consequently, India holds the distinction of being among the most innovative countries in Central and Southern Asia and ranks among the global leaders in some key parameters like the number of graduates in Science and Engineering, the quality of universities, etc. India has also made improvements in the overall Intellectual Property environment.

To foster innovation among the Graduate Engineering students in India and also to promote awareness about newer emerging technologies of the times, O/E/N introduces an annual unique competition for the Final Year Engineering students studying in all Technical universities in India. Their course projects can be related to the theme announced by O/E/N and the winners will be awarded by O/E/N at a grand function.



THEME

Innovative projects in EV technology that find applications in Hybrid Electric Vehicles (HEV) or Plug-in Hybrid Electric Vehicles (PHEV)s or the latest Battery Electric Vehicles in the following categories (typical, not limited to).

- 2/3/4 Wheelers EV Power Train
- Power Distribution Unit
- Power Regeneration System
- Charging System
- Battery Management System
- Energy-efficient methods in Motor Driving System
- Safety Systems
- Battery Monitoring System to prevent Fire Hazards etc.

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GRAND PRIZE
CERTIFICATE OF MERIT AND A
CASH AWARD OF RS. 1 LAKH



Consolation Prizes

CERTIFICATES OF MERIT AND CASH AWARDS OF RS. 20,000 EACH TO 5 TEAMS

Certificates of Appreciation –

To all participants who successfully complete the project...!

PROJECT SELECTION & SCREENING PROCEDURE

**Maximum of 3 Project Teams from an Engineering College
(Minimum of 3 and Maximum of 5 students in a Team)**



Online Submission through O/E/N website (can access the link by scanning QR code in the page 1 of this brochure) by the team. Authentication by HOD or college principal through mail (to business@oenindia.com) to be mandatorily followed. The application submission to be completed on or before 25th January 2023.

Initial screening of the project proposal by an expert committee constituted by O/E/N and initial approval (10th Feb 2023).



Final project submission within 6 months from the date of project approval (on or before 30th July 2023) with a 3D design of the project and a Working Prototype, demonstrating videos if any with a project description (A3 Format separately given).

Evaluation by an expert committee constituted by O/E/N along with academic Partner Muthoot Institute of Technology & Science based on the evaluation criteria (Page 4) and declaration of awards (30th Sep 23).



Presentation of the Certificates and Cash Prizes to the award winners at a function organized by O/E/N in Cochin (Oct 23)

PROJECT EVALUATION CRITERIA FOR RANKING

PROJECT VISION & INNOVATION

30% Weightage

Describe specifically, the innovation concept in the project and to what percentage the team could achieve the targeted results. This should be described as a point of difference in the 3-page summary.

SOCIAL RESPONSIBILITY

10% Weightage

Describe how the innovation & the product demonstrates tangible economic, environmental and social dividends.

QUALITY OF DESIGN AND FINISH

20% Weightage

High quality of design, both functional and aesthetic scores 20% of the weightage in the ranking (e.g. unique design solutions).

ORIGINALITY OF THE INNOVATION

20% Weightage

Has this project been done before? How creative is the project compared to existing solutions?

ADAPTABILITY TO A COMMERCIAL PRODUCT

20% Weightage

Adaptability to technology changes and making it a commercially manufactureable product based on user demands. This should be described as a point of difference in the 3 Page summary.

INNOVATION INCLUDES IDEAS / TECHNOLOGY ALREADY AVAILABLE, HOWEVER NOT COMMERCIALIZED OR EVEN EXISTING TECHNOLOGY APPROACHED IN NOVEL WAYS...

