

PRE - CONFERENCE EVENT

In association
with

HOLMARC
OPTO-MECHATRONICS LTD

PHOTONICS HACKATHON



3 DECEMBER 2026, 9 AM -
4 DECEMBER 2026, 2 PM



INTERNATIONAL SCHOOL OF
PHOTONICS, CUSAT



Open to
UG / PG / PhD
students



Work in
teams



Hands-on
learning



Build
real-world
projects

ARE YOU THE RIGHT FIT?

We are looking for enthusiastic students with:

- ✓ Hands-on experience with optics
- ✓ Knowledge of Arduino
- ✓ Experience with CAD software



ONLY 20

SELECTED PARTICIPANTS*

*SELECTION BASED ON VIDEO SOP

PRIZE POOL
₹20,000

**FREE
REGISTRATION!!!**

**CLICK HERE TO
REGISTER!**



**LAST DATE:
15, NOVEMBER 2026**

PRIZE SPONSOR:



ADVANCED
Technologies

PHOTONICS HACKATHON

INSTRUCTIONS FOR APPLICANTS

ELIGIBILITY

Open to all UG / PG / PhD students from universities and research institutions.

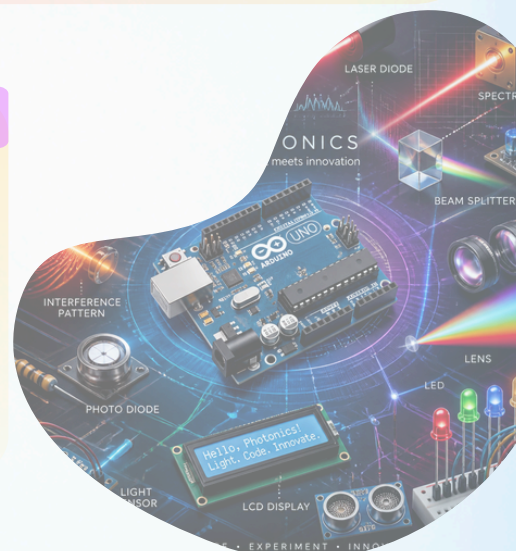


HACKATHON OVERVIEW

Participants will be given a specific idea / problem statement and will be expected to design, build and demonstrate their own working project using hands-on optics, electronics and CAD tools. The hackathon will be conducted at the pre-conference event of WOPI 2026 (3rd Dec 2026 – 4th Dec 2026).

HOW TO APPLY

- Prepare a video SOP (you may speak in English or Hindi).
- Video can be uploaded anywhere-you tube/google drive-**Ensure that the video is accessible to anyone.**
- Share the **video link** through the registration form .
- Fill in the required details including your name, institution, year/department .
- Submit the form before the deadline.
- Individual registration is required for each participant.



KEY REQUIREMENTS OF THE VIDEO SOP

- Duration of the video should be 30-seconds.
- State your interest and suitability for this hackathon.
- Proof of hands-on experience with optics.
- Knowledge of Arduino.
- Experience with CAD software (e.g. SolidWorks, AutoCAD, Fusion 360, etc.).

APPLICATION CHECKLIST

✓ 30-second video ✓ Optics experience ✓ Arduino knowledge ✓ CAD experience

Let's Build Together!