

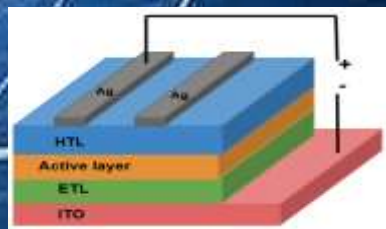
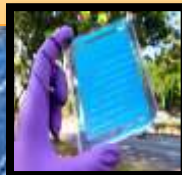
Opportunities for “WINTER INTERNSHIP” for UG, PG and PhD students on Study, Design, Fabrication and Characterization of Organic Solar cells

Dec 15-29, 2025

(ONLINE/OFFLINE both options available)

Key Features of Internship :

- Learn fabrication of organic solar cell, device physics – exciton generation, charge transport & recombination
- Study donor–acceptor materials, ETL & HTL layers, and energy alignment
- Master substrate etching and cleaning, layer deposition & sealing for stability
- Obtain hands-on experience in thin-film fabrication techniques, including **spin coating**, **vacuum thermal evaporation**, etc.(for offline mode)
- Perform **UV–Vis**, **I–V (dark)** using **Keithley SMU 2400**. (for offline mode)
- Develop skills in data analysis and interpretation for assessing parameters such as **open-circuit voltage (Voc)**, **short-circuit current (Jsc)**, **fill factor (FF)**, and **power conversion efficiency (PCE)**
- Get insights into current research trends, scalability challenges, and future prospects of organic photovoltaics in renewable energy technologies.



Working hrs

Forenoon: 11:00 am to 12:00 pm
Afternoon: 03:00 to 04:00 pm

Eligibility:

UG, PG and PhD students interested in this field are eligible to apply.

Both ONLINE and IN-PERSON mode of internship is possible.

Last date to apply:
10/12/2025

Fee details :

Offline mode : Rs 5000 + 18% GST

Online mode : Rs 3000 + 18% GST

(registration fee includes the materials cost required for fabrication of solar cell)

(50 % fee waiver for MNIT students)

Scan this
QR code for
registration



Contact details :

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