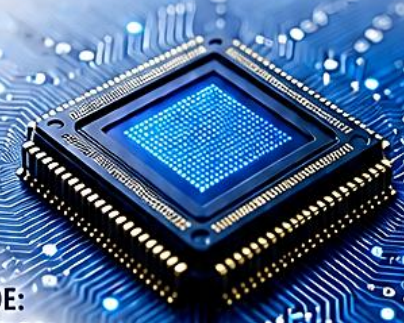


ONE WEEK WORKSHOP ON SEMICONDUCTOR TECHNOLOGY & THIN FILM DEVICE FABRICATION



**29 JUNE TO
03 JULY 2026**



**PSG INSTITUTE OF
ADVANCED STUDIES,
COIMBATORE – 641004**



**MODE:
PHYSICAL
HANDS-ON**



ABOUT THE INSTITUTION

Established in 2006, PSG Institute of Advanced Studies (PSG IAS) is a leading research institute affiliated to Bharathiar University, Coimbatore and Anna University, Chennai. Research at PSG IAS is driven by a strong commitment to interdisciplinary inquiry, innovation, and societal relevance.

One of the main research focus of PSG IAS is semiconductor materials and thin film device fabrication. The institute has state-of-the-art device fabrication facilities within class 1000 and class 10000 clean rooms.

KEY FACILITIES INCLUDE:

- ✓ Physical Vapour Deposition Systems (PVD)
- ✓ Magnetron Sputtering
- ✓ Maskless Lithography
- ✓ CV-IV Analyzer
- ✓ Thermal Evaporator
- ✓ Chemical Vapour Deposition (CVD) System

More details: <https://www.psgias.ac.in/research/>



ABOUT THE PROGRAM

This five-day training program on Semiconductor Technology and Thin Film Device Fabrication is designed to provide participants with a strong foundation in semiconductor science, modern fabrication processes, and device engineering. The program combines expert lectures in the forenoon with hands-on laboratory sessions in the afternoon.



**THIN FILM
DEPOSITION**



PHOTOLITHOGRAPHY



**ETCHING
TECHNIQUES**



**MATERIAL
CHARACTERIZATION**



**DEVICE
FABRICATION**



**CLEANROOM
PRACTICES**



RESOURCE PERSONS

- Faculty members with expertise in microelectronics and device fabrication
- Scientists from national research laboratories
- Industry experts from semiconductor manufacturing and R&D organizations
- Experienced faculty members from PSG IAS



TARGET AUDIENCE

- Final-year undergraduate students (EEE, ECE, Physics, Materials Science, and related disciplines)
- Postgraduate students
- PhD scholars
- Faculty members and young researchers interested in microelectronics and nanofabrication

**MAXIMUM
PARTICIPANTS
30**



FEES & REGISTRATION



Students / Research Scholars

**₹ 10,000
plus 18% GST**



Faculty Members / Industry

**₹ 15,000
plus 18% GST**



**REGISTRATION DEADLINE
25 JUNE 2026**



**REGISTRATION LINK
<https://forms.gle/hCcaFKba1YNVbVa66>**



FOR FURTHER DETAILS CONTACT

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Email: internship@psgias.ac.in

VENUE

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