

# PSG Institute of Advanced Studies invites

## Applications for Research Internship

PSG Institute of Advanced Studies (PSGIAS), is an approved research center of Anna University and Bharathiar University to carry-out research in Mechanical engineering, Nanoscience and Technology, Material Science, Biotechnology, Nanobiotechnology, Physics and Chemistry with state-of-the-art research infrastructure to translate research from lab-scale to industry.

### Major Research Areas

#### Energy

- Fuel cells
- Thermoelectrics
- Batteries
- Supercapacitors
- Solar cells
- Green Hydrogen

#### Sensors

- Gas sensors
- Electrochemical sensors
- SERS
- Fluorometric Sensor

#### Environment

- Water Remediation
- Bio-hydrogen
- CO<sub>2</sub> Remediation
- Antibiofilm Materials
- Carbon capture
- Toxicology

#### Polymer

- Bio-polymer
- High-Performance polymer
- Polymer Micelles
- Polymer coating
- Microplastics

#### Electronics

- FET
- Photodetectors
- Memristors
- Photonics
- Semiconductors

#### Healthcare

- Neurophysiology
- Tissue engineering
- 3D Bio-Printing
- Anti-infective biomaterials
- Antimicrobial resistance

#### Thin Films & Coatings

- High-Temperature
- Adhesive
- Superhydrophobic
- Smart Textiles

#### Materials

- Plasmonics
- Nanoclusters
- Computational Materials
- Fluorescent materials

**Explore the future directions and innovations in research at PSGIAS**

**Are you a student, scholar, or aspiring researcher with a passion for discovery?**

Join us at PSGIAS and gain hands-on experience in state-of-the-art research labs, guided by experts in your field of interest!

#### What's in it for you?

- ✓ Work on cutting-edge research projects
- ✓ Access high-end research facilities including clean room and advanced microscopic techniques
- ✓ Collaborate with top researchers
- ✓ Flexible internship duration
- ✓ Boost your academic and professional profile

Location: PSG Institute of Advanced Studies, Peelamedu, Coimbatore

Duration: 2–6 Months

Fields: All Major Research Areas



# Apply now and ignite your research journey!

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## Nanotechnology Research, Innovation and Incubation Centre (NRIIC)

### Eligibility

BS/ B.Tech/ M.Sc./ M.Tech/ M.Phil  
(Physics/Chemistry/Biotechnology/  
Nanoscience and Technology/Materials Science/  
Microbiology/Biosciences/Biochemistry  
all relevant fields of study)

### Fees Structure

Internship fee

- **Rs. 6,000/-** + 18%  
GST as applicable (for 3 months)
- **Rs. 12,000/-** + 18%  
GST as applicable (for 6 months)

Caution deposit

- **Rs. 3,000/-** (Refundable)
- Caution deposit will be refunded after the completion of the project undertaken.
- The cost of breakage/damage if any, will be accounted from the caution deposit, plus, additional cost as applicable.

After the acceptance from PSGIAS,  
the fees are to be remitted. as DD in favor of  
**"PSG Institute of Advanced Studies"**  
payable at Coimbatore.

### Application Procedure

- Candidates must review the research areas of the respective supervisor, as detailed on the website.
- An application indicating the proposed work and the supervisor from PSGIAS should be submitted with approval from the Head of the institution/ Department of the candidate, where, the time duration for which the candidate is available is clearly indicated.
- Certificates will be issued upon successful completion of the internship.

Interested students should furnish the application, forwarding letter from principal/director/hod, resume and copies of mark lists and certificates to

The Director, PSG Institute of Advanced Studies,  
Coimbatore-641004, Tamil Nadu, India

**Call: 0422 434 4541**

E-mail: [internship@psgias.ac.in](mailto:internship@psgias.ac.in) by post or by email.

For further details and to download application form,  
visit <https://www.psgias.ac.in/>