

PhD Admissions 2023



Applications are invited from highly motivated and enthusiastic students for full-time and part-time PhD programmes under the following departments.

- (i) **Nanoscience and Technology**
- (ii) **Biotechnology**
- (iii) **Nanobiotechnology**
- (iv) **Physics**
- (v) **Chemistry**

Eligibility:

Candidates having M.Sc. / M.Phil in respective disciplines along with CET score from Bharathiyar University.

How to Apply:

The candidate should apply through Bharathiyar University against PhD advertisements after discussion with respective supervisors of PSGIAS. Selection will be based on the CET score and interview.

For further details contact:

Email : director@psgias.ac.in

Phone : 0422 4344328

Candidates can choose any of the following area of research based on their interest and qualification.

- Clean energy materials for thermoelectrics / optoelectronics / Solid oxide Fuel cells/photocatalytic hydrogen generation/transparent conductors/thin film solar cells
- Transmission Electron Microscopy-crystallography / structural analysis / analysis of structure-property relationships
- Sensors for environmental/water quality monitoring and biomedical applications
- PEM Fuel Cells and Green hydrogen production by PEM / AEM Electrolysers
- Self-cleaning coatings for PV and non-PV applications
- Nanobiotechnology (microbial nanotechnology, biomaterials and physiology)
- Tissue engineering and water purification
- Thin film devices
- Third Generation Solar cells (Organic, Pervoskite and Chalcogenides)
- Thermoelectric thin film devices
- Bioimaging applications
- Electrochemical energy devices (batteries, supercapacitors)



97 Years in Nation Building



Join PSGIAS for exceptional Nanotechnology Research. Explore cutting-edge facilities, passionate faculty, and approved research center status. Applications open for full-time and part-time PhD programs.

Admissions to Ph.D. Programme 2023

Nanoscience and Technology
Biotechnology
Nanobiotechnology
Physics
Chemistry

Fellowships and funded projects support available for aspiring students.

- Clean energy materials: Thermoelectrics, optoelectronics, fuel cells, solar cells.
- Transmission Electron Microscopy: Crystallography, structural analysis, structure-property relationships.
- Environmental and biomedical sensors.
- PEM Fuel Cells and Green hydrogen production.
- Self-cleaning coatings for PV and non-PV applications.
- Nanobiotechnology: Microbial nanotechnology, biomaterials, and physiology.
- Tissue engineering and water purification.
- Thin film devices: Third-generation solar cells, thermoelectric devices.
- Bioimaging applications.
- Electrochemical energy devices: Batteries, supercapacitors.

Eligibility: Candidates having M.Sc./M.Phil in respective disciplines along with CET score from Bharathiyar University.

How to Apply: The candidate should apply through Bharathiar University against PhD advertisements after discussion with respective supervisors of PSGIAS. Selection will be based on the CET score and interview.

For Further Details Contact

 director@psgias.ac.in

 **0422-4344328**