



## PSG INSTITUTE OF ADVANCED STUDIES, Coimbatore

### ADVERTISEMENT

Inviting applications from eligible candidates for the position of Assistant Professor in nano biotechnology, physics and chemistry

#### **Job Description:**

The thrust areas of PSGIAS are Nanotechnology Applications in air, water, solar energy, smart textiles, tissue engineering, bio printing and sensors.

The selected candidate as a member of faculty will carry out innovative research and actively support the business incubation activities at PSGIAS in any of these areas.

The faculty member should write grant proposals on his / her own or in collaboration with the faculty members of PSGIAS/PSG Institutions. This position is primarily focused on research. However, the faculty member will have to take one course in a semester if the research load is low.

#### **Qualification:**

- UG, PG & Ph.D. from reputed institutions with publications in high quality journals.
- 2 years Post Doc experience preferably in a good university in UK, USA or Germany.

#### **Preferred:**

- Knowledge of PVD, CVD etc., and simulation software for deposition
- Proven expertise in any one of the thrust areas of PSGIAS – Solar energy, sensors, smart textiles or health care products.
- Knowledge of nano level metrology and techniques of characterization (TEM, AFM, Raman, SEM, etc) is a must. Experience in device fabrication will be an added advantage.
- Candidates who have applied machine learning and data analytics in their research will be given preference.

Send your resume to [career@psgias.ac.in](mailto:career@psgias.ac.in).

**Candidates who have applied before for similar posts need not apply.**

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