SHARDA UNIVERSITY
Beyond Boundaries

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Advertisement for Recruitment of Research Associate (Post-Doctoral)

Advt. No: SU/Phy/2026-27/ 001	**Date: 24/07/2026**
Applications are invited from interested and motivated candidates for the post of Research Associate (Post-Doctoral) in Industry Funded research project as per the following details.	
Position	Research Associate (Post-Doctoral)
Funding Agency Name	Quick Infotech Technologies Pvt. Ltd. Lucknow, India
Number of Vacancies	One
Project Title	Development of simulation software 'InSol' for photovoltaic system designing and simulation
Principal Investigator & Department	Dr. Satish Kumar Verma, Assistant Professor, Department of Physics and Environmental Sciences, Sharda University, Greater Noida
Duration of the Appointment	03 years (The initial appointment of the Research Associate will be purely temporary and for a period of one year. Based on satisfactory performance and project requirements, the appointment may be extended annually for a maximum total duration of three years)
Job Description	The proposed work aims to develop a user-friendly photovoltaic (PV) system design and simulation platform using ground-based solar radiation and climatic data for improved energy-yield prediction, feasibility assessment, system sizing, and performance analysis. The proposed scope includes applications for grid connected PV systems, stand-alone PV systems, solar water pumping, street-lighting systems, and small PV/micro-grid configurations.
Essential Qualification	Ph.D. (awarded/submitted) in Physics Renewable Energy/Energy with demonstrated research experience in Solar Photovoltaic (PV) systems, performance analysis, modelling and simulation.
Desirable Qualification	• Strong research background in PV simulation and design tools such as PVsyst, SAM, PVWatts, PVGIS, RET Screen, PV*SOL or equivalent, with peer-reviewed publications with h-index more than 10. Experience in PV performance modelling, measured–simulated data validation, and development/validation of simulation tools will be preferred. • PG in Energy Sciences/Renewable Energy/Energy/Environmental Science will get the preference.
Age Limit	35 Years on July 01, 2026 (Relaxed for certain reserved categories as per rules of Govt. of Uttar Pradesh)
Fellowship Details	Rs. 58,000/- per month (consolidated) for Ph.D. awarded candidates and Rs. 46,000/- per month for Ph.D. submitted Candidates.
Date of Interview	Shortlisted candidates will be notified via email for an interview. Interviews will be conducted via Google Meet, with links provided accordingly.
Last Date of Applications	30/07/2026

- Interested candidates are requested to submit a detailed softcopy of their CV with all relevant Essential Qualification Degree Certificates, Marks Sheets from 10th onwards, GATE/NET qualifying certificates (if any), Date of Birth Proof Certificate in a **single PDF** file to **satish.verma@sharda.ac.in** or **satish16kumar@gmail.com** on or before 30/07/2026.
- Only shortlisted candidates will be called for an interview. Selected candidates will be informed by email. Travel, accommodation and food expenses will not be covered. The institute & funding agency reserves all rights regarding the selection process. The appointment is purely temporary and contractual. It does not confer any right to regular appointment, absorption, or continuation in the University or the funding agency beyond the project tenure.

24/07/26
Dr. Satish K. Verma (PI)

Assistant Professor
Department of Physics & Environmental Sciences
Sharda School of Engineering & Science
Sharda University Greater Noida 201310, India

SHARDA UNIVERSITY Dean Research GREATER NOIDA
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Sharda University, Greater Noida, India

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