ADVERTISEMENT FOR THE APPOINTMENT OF RESEARCH ASSISTANT

02.02.2026

Project Title: "Development of Multi-Environmental Parameter Dependent Temperature Model to Improve the Short-Term Forecasting Output of PV Module for North and East-West Location of Jharkhand"

Applications are invited from eligible candidates for the position of Research Assistant under the JCSTi-funded research project entitled "Development of Multi-Environmental Parameter Dependent Temperature Model to Improve the Short-Term Forecasting Output of PV Module for North and East-West Location of Jharkhand" for a period of six (06) months.

The selected candidate will be involved in research activities related to photovoltaic (PV) module temperature modelling, environmental parameter analysis, data processing, and short-term PV output forecasting.

Position Details

Particulars	**Details**
Name of the Position	Research Assistant
Number of Positions	01
Project Duration	06 Months
Sponsoring Agency	JCSTi
Essential Qualification	B.Tech. in any branch of Engineering
Mode of Application	Offline
Online Application Start Date	05.02.2026
Last Date for Online Application	20.02.2026
Fellowship/Remuneration	As per JCSTi project guidelines

Roles and Responsibilities

1. Collection, compilation, and analysis of environmental data, including solar radiation, ambient temperature, relative humidity, wind speed, and wind direction.
2. Development and validation of PV module temperature prediction models.

3. Data processing, statistical analysis, and preparation of graphs and research reports.
4. Assistance in short-term forecasting of PV module output for north-facing and east-west locations in Jharkhand.
5. Support in project documentation and other research-related activities.

Application Procedure

Interested and eligible candidates are requested to submit their applications through the online application process between 05.02.2026 and 20.02.2026. Applicants should provide their academic qualifications, relevant details, and supporting documents as required in the application form.

Note: The position is temporary and is offered for the duration of the project, subject to the terms and conditions of the sponsoring agency.



Principal Investigator: Dr. Shailesh Kumar

Department: Department of Electrical & Electronics Engineering

Institution: Arka Jain University

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