

**(Replace with same date and memorandum)**

Memo: 27.04.0000.301.41.002.25-1310

Date: 29th December 2025

**Call for Registration**

Professional training on Solar PV technology, project development, and energy modelling

**Organised by**

Bangladesh Power Management Institute (BPMI)

**Technical Cooperation**

Skills Development for Sustainable Energy Solutions (Skills4SE)

GIZ Bangladesh

**Training Focus**

The training will provide participants with comprehensive knowledge and hands-on exposure covering:

- ✓ Introduction & overview of renewable energy
- ✓ Introduction to solar system -global and Bangladesh-specific solar PV trends
- ✓ Solar PV Technologies-grid-tied, hybrid, and distributed solar systems
- ✓ Solar PV Equipment – principles and standards
- ✓ Grid connection standards (i.e. voltage and frequency limits, voltage ride through settings)
- ✓ Electrical system design and safety
- ✓ Solar PV system feasibility analysis and design (on-grid & off-grid)
- ✓ Battery energy storage and microgrids
- ✓ Lightning protection, earthing, and operational risk & safety management
- ✓ Solar PV System – installation, tools, equipment, and system performance evaluation
- ✓ Solar PV System - testing & commissioning, O&M and monitoring
- ✓ Solar PV System - social impact of grid-tied solar PV systems
- ✓ Solar PV System - environmental impact assessment and sustainability
- ✓ Hands-on training (equipment and installation)
- ✓ Site visit to rooftop / utility-scale solar project
- ✓ Case study project to design a system based on a Practical exposure visit
- ✓ Solar PV system - policy and regulatory framework in Bangladesh
- ✓ Solar PV system - project development and management
- ✓ Solar PV system business models, financing, and commercial planning
- ✓ Solar PV system - structuring and lifecycle management
- ✓ PVsyst fundamentals and workflow
- ✓ Defining orientation and components, self-consumption and storage strategies in PVsyst
- ✓ Overview of load profiles and grid interaction in PVsyst
- ✓ Electrical configuration, losses, and shading analysis in PVsyst
- ✓ Module layout & energy management strategies in PVsyst
- ✓ System simulation, energy yield, and reporting in PVsyst
- ✓ Simulation, sensitivity & economic evaluation in PVsyst

**Tentative Schedule**

- Duration: 13 days (11 days classroom and hands on, 2 days site visit)
- Tentative Timeline: 30<sup>th</sup> March – 16<sup>th</sup> April 2026
- Location: BPMI Purbachal Campus
- Maximum Participants: 30

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### Minimum Eligibility Criteria

- Educational Qualification: Minimum Bachelor's degree in engineering or a relevant technical discipline
- Language: Proficiency in English (reading, writing, and communication), as the training will be conducted in English.

### How to Apply

Interested candidates are requested to submit:

- A completed application form (link below)
- Application Link: <https://forms.gle/8KQAVwGSDkA2htiR8>

### Application & Selection Timeline

- Deadline for Registration: 26<sup>th</sup> February 2026 (5:00 PM)
- Announcement of Shortlisted Candidates: 4<sup>th</sup> March 2026
- Deadline for Fee Payment (Selected Candidates): 10<sup>th</sup> March 2026
- Announcement of Waiting List Candidates: 12<sup>th</sup> March 2026
- Deadline for Fee Payment (Waiting List Candidates): 18<sup>th</sup> March 2026

### Fee

Finally shortlisted candidates will be required to pay a registration fee of BDT 12000 (Twelve Thousand Only): Cash Deposit/BFTN/NPSB/RTGS/Bank Check/ Pay Order  
Account Title: BANGLADESH POWER MANAGEMENT INSTITUTE (BPMI)  
Account Number: 1001301000000068  
Bank Title: UCBL, Kanchan Branch, Rupganj, Narayanganj

N.B. Participants will not receive any TA/DA or allowances. Meals and transportation will be provided by the organiser.

### Contact

Minhajur Rahman  
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With kind regards,

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Mohammad Sanaul Huq  
Joint Secretary, Power Division & Member  
Directing Staff (MDS) (Additional Charge)