



STAR-CENTRE

# Role: Rooftop Solar Grid Engineer



## Responsibilities:

1. **Inspection and Testing:** inspect, interconnect, and test different components of grid-connected solar PV power plants to ensure compliance with relevant codes, standards, and safety requirements
2. **Pre-Commissioning Inspection:** conduct pre-commissioning inspections to verify that all components are correctly installed and functioning before the system is activated
3. **Post-Commissioning Testing:** After the system is operational, perform post-commissioning tests to ensure everything is working as expected and to identify any issues that need to be addressed
4. **Maintenance and Safety:** maintain personal health and safety at the project site, ensuring that all safety protocols are followed during installation and maintenance
5. **Technical Evaluation:** good understanding of the design and technical aspects of solar PV power plants, which helps in evaluating the system's performance and efficiency

## Qualifications:

- Completed 2nd year of UG
- Pursuing 2nd year of UG and continuous education
- Completed 2nd year of diploma (after 12th)
- Pursuing 2nd year of 2-year diploma after 12th
- 12th pass with 1 year Vocational Education & training
- Completed 3 year diploma after 10th with 1 year relevant experience
- 12th Grade pass with 2 year relevant experience
- 10th Grade pass with 4 year relevant experience
- Previous relevant Qualification

## Skills:

1. **Photovoltaic (PV) Design:** Planning and specifying the layout, components, and configuration of solar power systems
2. **Electrical Engineering:** Understanding electrical systems and components, including inverters and grid integration
3. **Software Proficiency:** Using tools like AutoCAD, PVSyst, and Helioscope for design and simulation
4. **System Testing and Maintenance:** Conducting pre- and post-commissioning tests to ensure system efficiency and safety
5. **Renewable Energy Knowledge:** Understanding the principles and technologies behind solar energy and other renewable sources