



## SANKETIKA VIDYA PARISHAD ENGINEERING COLLEGE

(Approved by AICTE, New Delhi & Affiliated to Andhra University, Visakhapatnam)

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Principal

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### INSTALLATION OF GRID CONNECTED SOLAR ROOFTOPS/POWER SYSTEMS

#### Objective:

To generate solar power by installing solar panels on the roof of the houses, the Ministry of New and Renewable Energy is implementing.

#### Grid-Connected Rooftop Solar Scheme:

- It aims to achieve a cumulative capacity of 20KW from Rooftop Solar Projects by the year.
- In a grid-connected rooftop or small Solar Photovoltaic (SPV) system wherein the DC power generated from the SPV panel is converted to AC power using the power conditioning unit and is fed to the grid.

#### The major objective of the programme includes:

- To promote the grid-connected SPV rooftop and small SPV power generating plants among the residential, community, institutional, industrial and commercial establishments.
- To mitigate the dependence on fossil fuel based electricity generation and encourage environment-friendly Solar electricity generation.
- To create an enabling environment for investment in the solar energy sector by the private sector, state government and the individuals.
- To create an enabling environment for the supply of solar power from rooftop and small plants to the grid.

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18/01/24

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