

URL : <https://www.dgi.org.in>  
Email: [dcet@deccancollege.ac.in](mailto:dcet@deccancollege.ac.in)

Phones: (L) 040-24802634 (M) 9704731117

## DECCAN GROUP OF INSTITUTIONS

Dar-Us-Salam, Aghapura, Hyderabad – 500 001 Telangana  
(A Self-Financed Muslim Minority Technical Campus)

Estd. by: Dar-Us-Salam Educational Trust, Hyderabad, Approved by AICTE, New Delhi  
Affiliated to Osmania University, Hyderabad, Recognized by Govt. of Telangana

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DET/DGI/AICTE/ACAD/DESIRABLE/04/2024

Dated: 19.01.2024

### CERTIFICATE

Solar power is one of the solutions to overcome the energy discrepancy in the world. This is one of the renewable energy sources, and the generation of solar power does not have any adverse effect on the environment. Ministry of new and renewable energy, Government of India, is developing Solar / Green cities all over India under the green initiatives. For this, many of the organizations and institutions have come forward to install solar PV power plants which at-least would satisfy the institute power demand.

As a part of its 'Green Campus' initiative, Deccan Group of Institutions, Hyderabad (PID No: 1-8641511) has initiated for the proposed installation of “**grid connected solar rooftops/power systems**” of 100kWp Roof Top Solar PV Power Plant on its academic buildings which is spread over an area of 22,000 sq.ft. The proposed work is being assigned to M/s Budding Leaf Infratech Pvt. Ltd., Hyderabad for the installation and supply of Grid Connected Solar Rooftops/Power Systems. The details of the system are as below:

1. Type: 110kW Grid Tied Solar PV Power Plant
2. Solar array Capacity: 110 kW
3. Inverter capacity: High efficiency inverters suitable for 110kW solar power plant
4. Power generation: 132 MWh/year
5. Project life: 25 years
6. System cost: Rs 52,57,560 (Poly Module)

The above document is available on the institution website hyperlink: <http://www.dgi.org.in/Desirable.html>

**DIRECTOR**