## A COURSE ON SOLAR ENERGY TECHNOLOGY & SYSTEMS

Department of Mechanical Engineering, NKOCET, Solapur was conducted Solar Energy Technology & Systems course Offline & Online mode which will enhance the technical skills of the students to become industry ready. Prof. C.V. Papade has worked as a coordinator for this course. The course was carried out from 22<sup>nd</sup> February 2021 to 2<sup>nd</sup> March 2021. The contents covered in the course was Basics of Solar Energy, Solar PV systems and Designs, Solar Thermal systems & Designs, Solar applications with Energy Storing Technology, Operation & maintenance of Solar systems. Total 42 students of Mechanical & Electrical Engg & ENTC completed this course successfully. Course was conducted by Prof. C.V. Papade.















## GRID —TIED PV SYSTEM An Intereduction to Energy Grid-Tied PV System Solar PV Array Solar Power To the Grid Structure Support Structure Main Utility Breaker Panel Power to

Papade C (Guest)

## (ii) Connections to the Solar module

- Open the junction box of the module and connect the module cable with correct polarity.
- Close the junction box and tie the module cable on the module frame.





Fig. (i): Opening of module junction box Fig. (ii): Module cable with correct polarity