
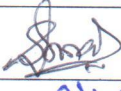
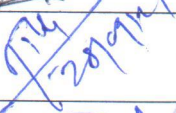



**Expert Lecture Report**

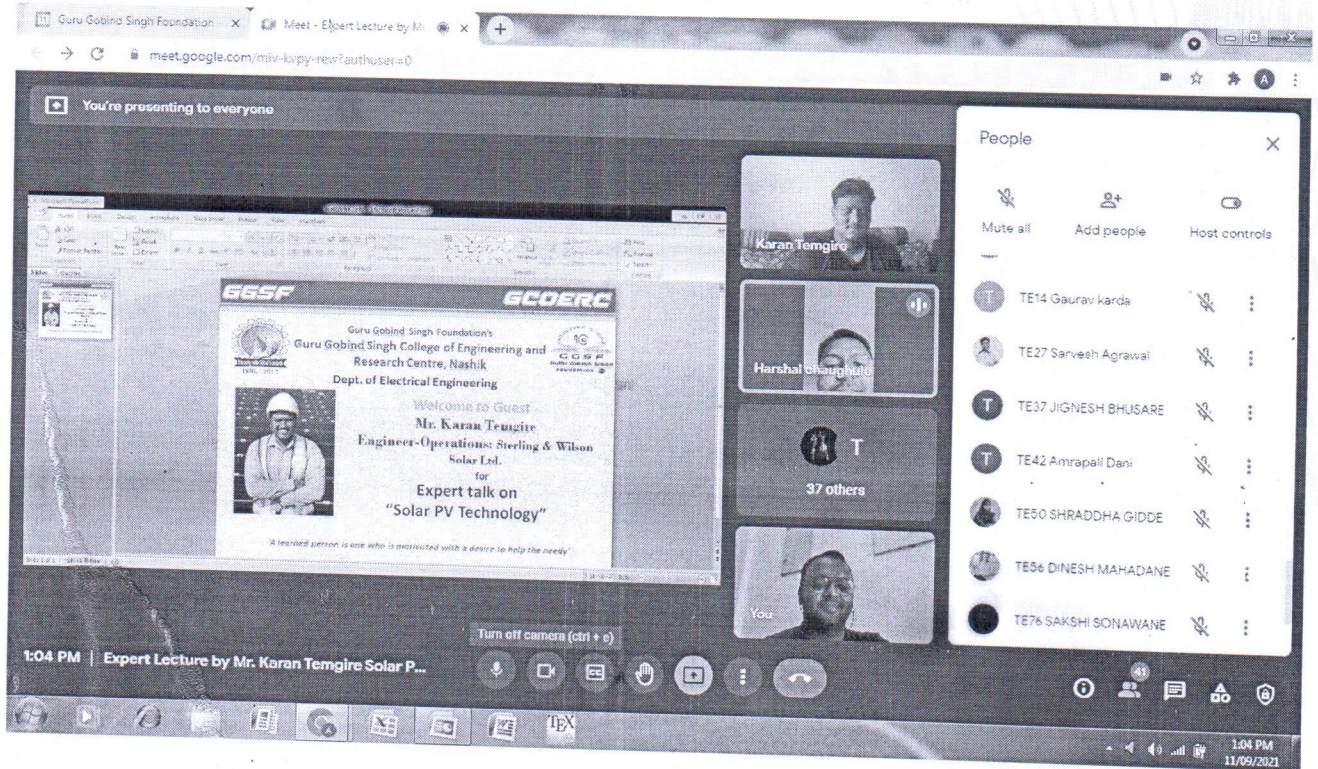
Title of Program	Expert Lecture
Objective of Program	To give the detailed knowledge of Advancements in Solar PV Technology and its Future
Addressed PO/ PSOs	PO1-PO4,PO11,PO12 & PSO1 ✓
Name of the Resource Person	Mr. Karan Temgiri
Resource Person Post & Organization	Engineer Operations at Sterling & Wilson Solar Ltd. In Central Monitoring System (O&M) Department.
Date of Program	11-09-2021
Venue	Online Google meet (meet.google.com/miv-kvpy-rew)
Organised By	Electrical Engineering Dept.
Program In-Charge	Mr. A.D. Pandey
Program Approved by Principal/HOD	HOD
Supporting Staff Member	Mr. Harshal Chaughule
Photograph/Video Available	Photograph available
Nature of Photo Submission (Soft/Hard) & To whom	Soft
Brief about the Program (Activity/Event)	This expert lecture was organised for S.E to B.E electrical engineering students. Aim of this expert lecture was to make them understand the practical aspects of advanced Solar Technology adopted for increased power generation through renewable energy sources. The various topic covered was Installation, Operation and Maintenance of Solar PV cells and batteries.
Name and Sign of Program Incharge	Mr. A.D. Pandey & Mr. Harshal Chaughule 
Name and Sign of HOD	Dr.S.P.Sonar 
Name and Sign of Vice Principal	Dr. S.D. Kalpande 
Name and Sign of Principal	Dr.Neelkanth G.Nikam 
Remark	The activity was appreciated

List of Enl:- 1. Screenshots of Online session

*Feedbacks* →

**Screenshots of the Program – Expert lecture on “Transmission Line Design & Maintenance” dated 18/06/2021**

**1. Photograph**



Browser tabs: Guru Gobind Singh Foundation | Meet - Expert Lecture by Mr. Karan Temgire

Address bar: [meet.google.com/nfv-kyppj-rew?authuser=0](https://meet.google.com/nfv-kyppj-rew?authuser=0)

Karan Temgire is presenting

## Basic Terminologies

- GHI & POA**

- The Global Horizontal Irradiation (GHI) measures the total amount of light received by a square meter on the ground.
- Solar irradiance on a PV panel in the Plane of Array (POA) is a combination of direct solar rays, diffuse irradiance, and albedo (irradiation reflected by the ground).

Harshal chaugh...	Karan Temgire	TE 54 sandesh ...
BE-61 SHIFA M...	SE 05 Samrudd...	BE-54 Rucha S...
BE-15 vishalkha ...	BE-19 Sakshi C...	TE82 Pratiksha ...
B BE-35 Rutuja K...	42 others	A You

1:37 PM | Expert Lecture by Mr. Karan Temgire Solar PV...

System tray: Windows taskbar with icons for network, volume, and battery. System clock: 1:37 PM, 11/09/2021