



HANSRAJ COLLEGE

University Of Delhi

NAAC Grade A++ with CGPA 3.71

NIRF Rank # 12 (Amongst Colleges)



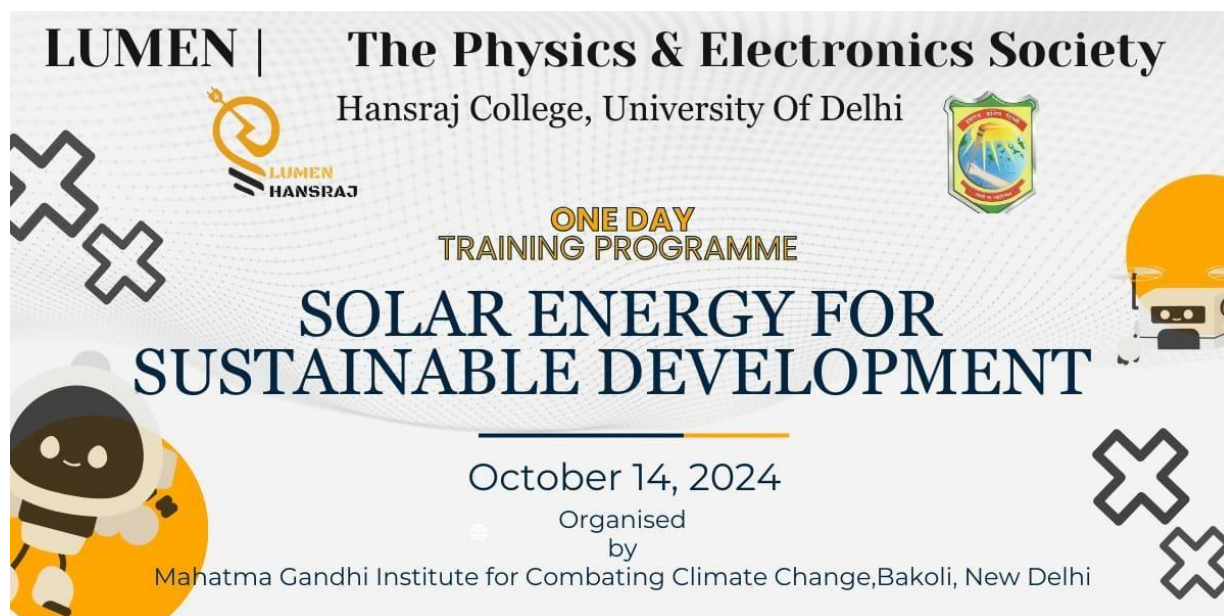
2024-2025

Event: One-day training programme on “Solar Energy for Sustainable Development”

Venue: Mahatma Gandhi Institute for Combating Climate Change (MGICCC (Govt. of NCT of Delhi), Bakoli, Delhi

Date: 14th October 2024

Mahatma Gandhi Institute for Combating Climate Change (MGICCC (Govt. of NCT of Delhi), Bakoli, Delhi has organized a One-day training programme on “Solar Energy for Sustainable Development, on 14th October 2024. 3rd year and 2nd year students of B.Sc (H) Physics and Electronics along with some of the departmental teaching and non-teaching faculty members were taken in College bus to attend this training program. The training program includes a lecture on sustainability of solar energy by an eminent faculty and a tour to the working model designed by the institute.



The lecture covered:

Reasons for Solar energy for being considered as sustainable energy are:

- It is derived from processes that do not jeopardize the energy needs of future generations.

- It is more environmentally sustainable than fossil fuel energy sources.
- Solar panels mitigate greenhouse gas emissions, air pollution, and habitat destruction.
- While the production of solar panels does release emissions, a solar panel system's energy payback period is still very low.

From solar panels adorned with nanowires to windows that magically transform light into electricity, the spectrum of innovations is as diverse as promising. The thin, flexible solar panels, solar farms on water, and solar paint are now real inventions. These innovations bring us closer to a future where almost anything can produce clean energy.

India has made remarkable progress in solar energy, achieving over 50 GW of solar PV capacity by 2022. The country is targeting around 500 GW of renewable energy deployment by 2030, with 280 GW expected from solar PV.

A briefing was done on “India’s Vision 2030”:

- 500 GW of renewable energy capacity by 2030
- Meeting 50% of its energy requirement from renewable sources by 2030
- Reducing the total projected carbon emissions by 1 Bn Tonnes by 2030
- Reducing the carbon intensity of its economy by under 45%
- Becoming a net zero carbon country by 2070





HANSRAJ COLLEGE

Department of Physics and Electronics

List of Faculty members and students visiting Mahatma Gandhi Institute for Combating Climate Change (MGICCC), Bakoli, Delhi on Oct 14, 2024

Staff Members			
1	Dr. Nishant (Teaching)		
2	Dr. D Srikala (Teaching)		
3	Prof. Sushil Kumar (Teaching)		
4	Prof. Amit Seghal (Teaching)		
5	Dr. Maya Verma (Teaching)		
6	Dr. Ravikant (Teaching)		
7	Mr. Chandra Shekhar (Non-Teaching)		
Students			
NAME	ROLL NUMBER	Course & Sem	Signature
1 Anoop Kumar	8955	Physics Hon (V sem)	Anoop
2 Shatakshi Srivastava	8902		
3 Sachin Taak	8963	physics home	Sachin
4 Sakshi	8983		
5 Hitesh Chaudhary	8954		
6 Harsh Verma	8928	Physics hon	Harsh Verma
7 Vansh Batra	8962		
8 Amrith	8972	Physics Hon (V sem)	Amrith Patel
9 Mohita Maini	8910		
10 Lakshay Mahajan	8989		
11 Hemant	8945		
12 Abhishek	8969		
13 Arnav Singh	8574	Electronics	
14 Arnav Kumar	8586	Electronics	Arnav Kumar
15 Maurya Vivek dinesh	8578	Electronics	Luvu
16 Anshu	8568	Electronics	Anshu
17 Anjaneya Shukla	8585		
18 Amritansh singh	8584	Electronics	Amritansh
19 Sachin Yadav	8591	Electronics	Sachin
20 Aman	8551	Electronics	Aman
21 Avan Singh Shekhawat	8589	Electronics	Avan
22 Ankit Maurya	8567	Electronics	Ankit Maurya
23 Shivam bisht	8601	Electronics	Shivam
24 Piyush Thapa	8552	Electronics	Piyush
25 Sameer	8599		
26 Atul	8571	Electronics	Atul
27 Manit	14013	Physics / II Sem III	Manit Kumar
28 Ankit Krish	13551	Electronics	Ankit Krish
29 Priyanshu	13592		
30 Aryan Rana	13594	Electronics	Aryan Rana
31 Srija Kumar	13599		
32 Shivam Singh	13589		
33 Sumit Mandal	13586		Shivam Singh
34 Chakshu	8949	Physics (hons)	Chakshu