

SEMINAR ON ' SOLAR ENERGY SYSTEM DESIGN'

Event No	ME034
Organizing Department	Mechanical Engineering
Associate Dept. NSC	Indian Association of Energy Management Professionals
Date	27/10/2022
Time	09:30 AM to 12:00 PM
Event Type	Association Activity
Event Level	Dept. Level
Venue	Thanam hall
Total Participants	204
Faculty - Internal	4
Students - Internal	200

Related SDG



Resource Persons

Sl	Type	Name	Designation	Company	Email	Phone
1	Resource Person	Vimal Kumar Eswarlal	CEO	Mangla Smart Energy Solution (P)Ltd	vimaleswarlal@yahoo.com	xxxxxxxxxx

Involved Staffs


Sl	Name	Role
1	Manoj Kumar P	Coordinator

Outcome

The students have acquired the knowledge of designing a solar thermal system for an industrial process heating application.

Event Summary

A seminar on 'Solar Energy System Design' is organized on 27.10.2022 at 9.30 a.m. in Thanam hall, KPRIET. Mr.Gokul, II Mech – A Sec welcomed the gathering. Ms.C.Madhumithra, III year Mech – B Section has introduced the Guest Speaker of the programme, Dr. Vimal Kumar Eswarlal, CEO, Mangla Smart Energy Solutions (P) Ltd, Tirupur to the participants who have gathered in the hall. After the brief introduction of the guest speaker, he has immediately taken over the session. He has started his session with a brief note on the need of renewable energy and solar energy in present scenario to mitigate the greenhouse emission and to achieve the energy independency. He has explained the world energy scenario with a pie chart showing contribution of different fuels used for fulfilling the demand of energy needs. And he extended the split up of different contributors of energy in National level. The total installed capacity of different kind of power plants and the contribution of solar based power plants in fulfilling the demand of Indian energy needs has been explained with the real-time data. Further, he has given the introduction on different kind of solar thermal systems in detail. The role of solar water heaters for different applications has been elucidated. Also, he has explained the method of designing a solar thermal system for industrial process heating with an industrial case study. He clarified the doubts of the students during Q&A session. At last, Mr.G.Vijay, III Mech – B Sec proposed the vote of thanks and the programme was concluded with National Anthem.



KPR Institute of Engineering and Technology
(Autonomous, NAAC "A")
Avinashi Road, Arasur, Coimbatore.

Department of Mechanical Engineering

Great Place To Work. Certified

Mechanical Engineering Association and Indian Association of Energy Management Professionals are Organizing a Seminar on

Solar Energy System Design

Guest Speaker :
Dr. Vimal Kumar Eswaral
CEO, Mangla Smart Energy Solutions(P)Ltd,
Tirupur.

27.OCT.2022 @9.30 AM

THANAM HALL

Student Coordinators
Mr. S. Sanjay, III MECH B
Mr. J. M. Kanishk, II MECH A

Faculty Incharge
Dr. P. Manoj Kumar,
A. Mech. I

Poster Designed by P. Aravindan, II MECH A

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