



Guest Lecture Report

Day	: Saturday	Date	: 22/02/2025
Faculty Coordinator	: i)S.K.Gawade ii)B.R.Thawali iii)P.D.Honwadjakar iv)Sonal Kataria	Time	: 11.00 to 1.00 p.m

Expert Lecture on : Solar Panels and Career Opportunities for Engineers

Speaker: Mr.Avinash Kabule

A guest lecture on **“Solar Panels and Career Opportunities for Engineers”** was held on 22nd Feb 2025. It has been organized by the department of Engineering Science and Humanities under **Basic Electronics Engineering** Subject to provide the students with an opportunity to get knowledge of Solar technology in the field of Engineering. He also interacted with students about Career Opportunities in the field of solar energy.

The guest lecture began with welcome address by Prof Sonal Kataria. She has introduced and welcomed Mr. Avinash Kabule resource person to deliver the lecture. The session was taken in two sessions .First was for E&TC and electrical-students and second was for IT and CSBS students.

Key Takeaways from the Lecture:

1. Understanding Solar Panels:

- Overview of how solar panels function and their increasing relevance in today's energy landscape.
- The role of renewable energy in addressing environmental concerns and combating climate change.
- Technological advancements in solar energy and their impact on the industry.

2. Career Prospects in the Solar Industry:

- Various engineering roles, including software development, data analytics, automation, and system management in the solar sector.
- Growing demand for expertise in AI, IoT, and data science to optimize solar energy solutions.
- Importance of interdisciplinary knowledge for CSBS students to leverage opportunities in renewable energy.

The lecture provided valuable insights into the expanding solar industry and its career prospects. It emphasized the importance of technical expertise, interdisciplinary learning, and an entrepreneurial mindset. Avinash Kabule's journey served as motivation for students to explore new fields and contribute to sustainable solutions.

The session provided a comprehensive understanding of renewable energy and the entrepreneurial challenges and opportunities within the field.

Overall, the session was an enriching experience, helping students understand the dynamic possibilities in the renewable energy industry and beyond.

Some Glimpses:-



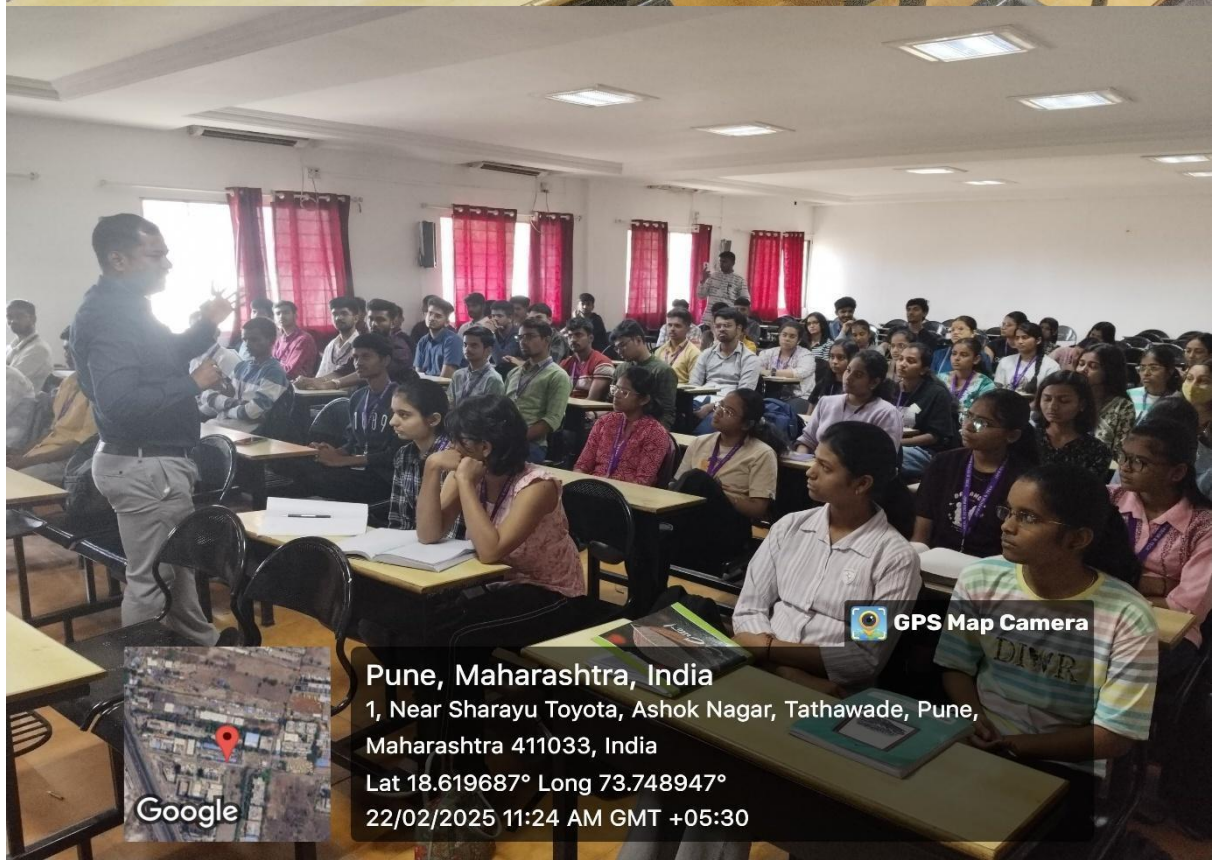


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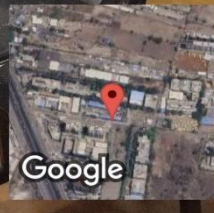


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Lat 18.619774° Long 73.748917°
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Outcomes:

Sr No	Outcome	PO mapped	Level
1	Design/Development of solutions- Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for public health and safety and the societal and environmental considerations	PO3	1
2	Conduct investigation of complex problems-Use research –based knowledge and research methods including design of experiments.	PO4	1

Subject Coordinator
Prof S.K.Gawade

HOD
Dr. S.M.Yadav