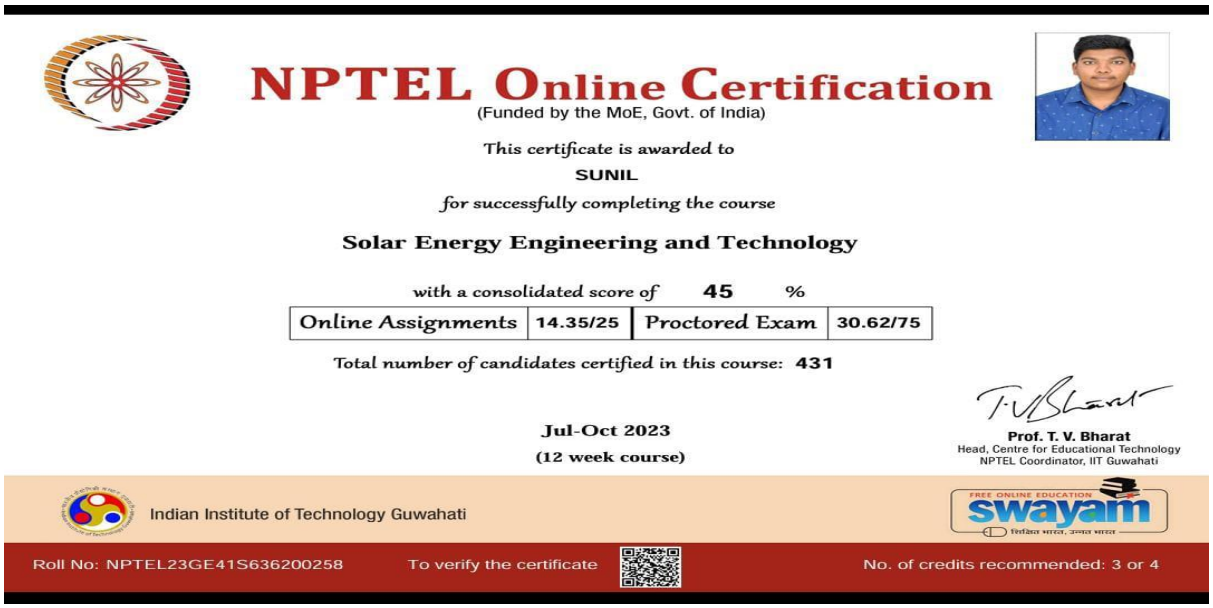
STUDENT ACHIEVEMENTS

PROJECT PRESENTATION

ADARSH, RAHUL, SUNIL, AND VINEET, students from the Energy Engineering department, attended the Science and Engineering Fair conducted by **ANVESHANA 2024** under the guidance of **Dr. BASAVARAJ SHRIGIRI.** The event took place at SDM College of Engineering and Technology in Dharwad, Karnataka, on February 12th, 13th, and 14th, 2024. They presented their project titled "Harnessing Energy from Sand Battery."

NPTEL COURSE



NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SUNIL

for successfully completing the course

Solar Energy Engineering and Technology

with a consolidated score of 45 %

Online Assignments	14.35/25	Proctored Exam	30.62/75

Total number of candidates certified in this course: 431

Jul-Oct 2023

(12 week course)

Prof. T. V. Bharat

Head, Centre for Educational Technology

NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

Roll No: NPTEL23GE41S636200258 To verify the certificate No. of credits recommended: 3 or 4

Mr. Sunil, a student of the Department of Energy Engineering, has successfully completed the NPTEL course on Solar Energy Engineering and Technology. This course provided a comprehensive insight into solar energy systems, technologies and their applications for sustainable energy solutions. After completing the course, Sunil received a certificate from NPTEL confirming his knowledge in the field of solar energy engineering and technology.

INTERNSHIP

I) Internship Report on Power Plant with Siddhasiri Ethanol and Power Ltd.

Intern: Revansidda

Duration: 1 Month

Company: on Power Plant with Siddhasiri Ethanol and Power Ltd, Chincholi, Kalaburagi, Karnataka

Department: Energy Engineering

Visiting a power plant as a student provides invaluable practical insights into the operation and management of industrial-scale energy production. It offers a firsthand understanding of the technologies, processes, and equipment involved in generating electricity. Students witness the application of theoretical concepts learned in classrooms, enhancing their comprehension and bridging the gap between theory and real-world application.

During such visits, students typically observe various stages of power generation, from fuel handling and combustion to turbine operation and electricity distribution. They also learn about safety protocols, environmental considerations, and the role of regulatory compliance in power plant operations. Engaging with professionals at the plant provides opportunities to ask questions, gain industry perspectives, and explore potential career paths in energy engineering or related fields.

Overall, a power plant visit enriches students' learning experiences, equipping them with practical knowledge and enhancing their readiness for future roles in the energy sector.

II) Internship Report: Sir Renuka Sagar Limited, Unit 5

Internship Report on Shree Renuka Sugar Limited, Unit 5

Intern: Hruthik, Bhagyesh, Yuvraj, Veeresh

Duration: 4 Weeks

Company: Shree Renuka Sugar Limited, Unit 5. Hawalga, Kalaburagi, Karnataka.

Department: Energy Engineering

During internship, students gained practical experience in renewable energy operations, specifically focusing on ethanol production and power generation. Their responsibilities included optimizing the fermentation process, conducting data collection and analysis, and working with advanced fermentation and distillation equipment. I also conducted literature reviews on biofuel technology and collaborated with the R&D team. Additionally, I contributed to environmental impact assessments and quality control processes. This internship significantly enhanced my technical skills, problem-solving abilities, teamwork, and understanding of sustainable practices, marking a pivotal contribution to my academic and professional growth in energy engineering.

SEVEN STUDENTS GOT SELECTED FOR PRESTIGIOUS INTERNSHIPS AND PLACEMENTS AT ENERFRA

The following Seven students have been selected for internship and placement at **ENERFRA,** a reputed company in the renewable energy sector. This achievement highlights their dedication and skills, as well as the strong academic and professional training they received. Their selection reflects Enerfra's commitment to nurturing young talent and providing valuable industry exposure.

Rest 30 students got selected with internship in **EMVEE** solar company PVT LTD

Sl.no	Name	USN
1.	SUNIL	SG21EEG031
2.	SHARANU	SG21EEG028
3.	VINEET KULKARANI	SG21EEG037
4.	RAHUL ADKI	SG21EEG021
5.	SHANTKUMAR	SG21EEG027
6.	ADARSH	SG21EEG002
7.	VEERESH KORWAR	SG21EEG034

FEMALE STUDENTS SELECTED FOR FOXCONN INTERNSHIP IN BANGALORE

The following Eight female students have been selected for an internship program at Foxconn's Bangalore facility, marking a significant achievement in their academic and professional journey. This opportunity will provide them with hands-on experience in leading multinational electronics manufacturing company, enhancing their technical skills and industry knowledge. Foxconn's initiative reflects its commitment to fostering young talent and promoting gender diversity in the technology sector. The internship will equip these students with practical insights and career growth opportunities in a dynamic corporate environment.

Sl.no	Name	USN
1.	BHUMIKA	SG21EEG007
2.	IMPANA DESHPANDE	SG21EEG010
3.	JANHAVI KULKARNI	SG21EEG012
4.	NAYANA	SG21EEG018
5.	POORNIMA SAJAL PANDEY	SG21EEG020
6.	SHANAN	SG21EEG025

7.	**SANSKRUTI PATIL**	**SG21EEG026**
8.	**SWATI S TAKKALAKI**	**SG21EEG032**