Sandip Foundation's
Sandip Institute of Technology & Research Centre,
Mahiravani, Trimbak Road, Nashik - 422 213

Department of Electronics & Telecommunication Engineering

A Report on

Industrial Visit for E&TC Department Second Year & Third Year Engineering Students

At

"eSmart Energy solutions Pvt. Ltd."

Visit Coordinator (College):
Prof. Dr. Rahul V. Awathankar
Asst. Professor,
Mr. Shrikant G. Haral
Technical Assistant
(Department of E&TC)

Event Coordinator (Industry):
Mr. V. Ingale
(In Charge, Training, eSmart Energy Solutions)

Organized & Managed By:
Sandip Foundation's
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Introduction:

Department of Electronics And Telecommunication, SITRC, Nashik arranged one day Industrial Visit for 3rd and 5th Semester Degree students to "eSmart Energy Solutions Pvt Ltd", Nashik, Maharashtra dated 4th November, 2022 for better technical knowledge enhancement of students.

Visit is important especially important in the field of Engineering as the practice of engineering has an inherent (and unavoidable) impact on society. These programs can be a powerful tool to constitute a positive industrial climate and can range from basic manufacturing system programs for students. Overall, the aim of all these visit to trains the students to adapting to changing scenario of technology. After visit students can identify their own efficiency and performance which important for their career, improving work efficiency and confidence.

Purpose of Visit:

Industrial visits are an integral part of Engineering and acknowledgment of technological up gradation. The purpose of industrial visit for students is to provide technical knowledge with the technological development in the industry and to understand the gap between the theoretical and practical knowledge that could be passed in future. This experience can help students to provided information regarding functioning of various industries and associated problems and limitations.

Interfacing with the industry also provides a chance to build networks and hone their communication skills. Moreover, the participating organizations also gain by getting refined students fromthe respective institute which could also help in improving their economy.

Company Profile

"eSmart Energy solutions Pvt. Ltd." are dedicated to developed technology based energy saving lighting products. They are focused at addressing the needs of the customers through rugged, efficient, reliable & economic way to supply the products.

"SMART ENERGY SAVINGS" is the need of the hour, when today whole world is falling short of energy, and where lighting is one of the major contributor determining demand & supply. Looking at the social need & business perspective, they are bound to support most effective energy saving lighting products with latest trends & technology.

Their plan is to achieve this goal through our strength- The employees and seek their continuous involvement in achieving the company's objective. Their rapid & sustainable development rests a great deal on the prudent use of energy & curbing its wastage. Energy conservation has to be made a way of Life; hence they are targeting Indian Business and also emerging big way globally too.

Today they are equipped with state of the art manufacturing setup along with knowledgeable staff. We have a strong background of more than 15yrs. vast experience in the same field.

What We Learn? :-

On 4 Nov. 2022 we reached at eSmart Energy solutions Pvt. Ltd (Nashik) by 10:30 AM. We got the entry at 10:45 AM. There are various departments in the industry. Generally two products have been made by the industry and that are LED street lights and power control panel. We have seen the various departments like R & D, PCB Designing and Component mounting, Assembly, and Quality & Inspection Department.

Various Products of Company:

	LED Street Lights
	LED flood lights for high mast
	LED Flood Light
	Radio Controlled Street lighting
	Flameproof Streetlight

Conclusion:

From this visit, we got the information and practical knowledge about LED Street light manufacturing and assembling and Power Control Panel manufacturing and assembling. Students got the knowledge about PCB designing, component mounting and wave soldering process. They got the idea about latest technology and innovations that are being used and implemented in present day's street light industry.

About 40 students of 3rd and 5th Semester E&TC Engineering SF's SITRC, Nashik and faculty named Prof. Dr. Rahul V. Awathankar benefited from this visit as they got chance to discussion with in charge officer and other engineers working at industry. Students were eagerly to say organizing this type of industrial visit for practical exposure which is shows the success of this visit.

Dr. Rahul Awathankar **IV Coordinator,** **E&Tc Dept, SITRC.**	**Dr. Gayatri Phade** **Head of Dept,** **E&Tc Dept, SITRC.**	**Dr. M. M. Patil** **Principal,** **SITRC, Nashik**