

Department of Electronics & Telecommunication
Engineering

A Report on

Industrial Visit for E&TC Department Third Year Engineering Students At
"TDK Electronics Private Ltd"



Visit Coordinator (College):

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Mr. Tushar Borse
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Organized & Managed By:

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Introduction:

Department of Electronics And Telecommunication, SITRC, Nashik arranged one day Industrial Visit for Final Year Degree students to “TDK Electronics Pvt.Ltd”, Nashik, Maharashtra dated 30th March, 2024 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 from the respective institute which could also help in improving their economy.

Company Profile :-

Established in 1996, the Nashik plant is a state-of-the-art production site for film capacitors. The site is a part of TDK India Private Limited, the Indian subsidiary of TDK Electronics that develops, manufactures, and markets electronic components and systems, focusing on technology markets that include automotive, industrial, and consumer electronics, as well as information and communications technology.

Located in the city of Nashik, Maharashtra, the Nashik plant stands as a testament to technological innovation and manufacturing excellence in the heart of India's industrial landscape. Beyond its manufacturing process, the TDK Nashik plant also prioritizes sustainability and environmental responsibility, implementing eco-friendly practices and adhering to strict safety standards which has won many accolades from the industry





What We Learn? ::

On 30th March, 2024 we reached at TDK Electronics Pvt. Ltd (Nashik) by 10:00 AM. We got the entry at 10:30 AM. The R&D Engineer Mr. Tushar Bhosale sir share the product details with students as-The Nashik plant manufactures DC film capacitors, AC film capacitors, low-voltage (LV) power factor correction capacitors and key components for PFC systems, medium-voltage (MV) capacitors, capacitor contactors and reactive power compensation systems and power electronic capacitors. More than 60 percent of the products the site manufactures are exported across the globe. The plant is equipped with ultra-modern equipment and skilled manpower to provide reliable and quality products aiming towards manufacturing excellence.



Company Product:-

DC film capacitors, AC film capacitors, low-voltage (LV) power factor correction capacitors and key components for PFC systems, medium-voltage (MV) capacitors, capacitor contactors and reactive power compensation systems and power electronic capacitors.

	DC Film Capacitor
	Medium Voltage (MV) Capacitor

Conclusion: From this visit students get knowledge about devices such as. DC film capacitors, AC film capacitors, low-voltage (LV) power factor correction capacitors and key components for PFC systems, medium-voltage (MV) capacitors, capacitor contactors and reactive power compensation systems and power electronic capacitors and their industrial use.



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