



**Swami Keshvanand Institute of Technology, Management & Gramothan,  
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**Name of the event:** 5 Days STC on “EV and Industry 4.0 Technologies”

**Date of the event:** Oct. 14 - 19, 2024

**Venue of the event:** 6F:L8, M. Visvesvaraya Block, Swami Keshvanand Institute of Technology,  
Management and Gramothan, Jaipur.



Glimpse/s of the event

**About the event:** One week workshop on “EV and Industry 4.0 Technologies” was organized by Department of Electrical Engineering & IE(I) Student Chapter, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur. The six-day workshop provided a comprehensive understanding of EV technology, covering key concepts, technical aspects, infrastructure, policies, and future innovations. The first day introduced EV fundamentals, emphasizing environmental benefits and key components like drivetrains and battery efficiency. The second day focused on EV design, including battery technology, electric motors, and power electronics, with hands-on demonstrations. Day three explored EV charging infrastructure, discussing various chargers and network challenges with practical demonstrations. The fourth day covered government policies, market trends, incentives, and regulatory frameworks, with expert insights on electric mobility. On the fifth day, participants engaged in EV simulation and software training, applying theoretical knowledge to real-time design exercises. The final day featured project presentations, encouraging innovation, and concluded with certificate distribution and feedback. Overall, the workshop provided valuable technical knowledge, practical experience, and industry insights, preparing participants for future developments in electric mobility.

**Name or contact number of event coordinator:**

1. Dr. Prateek Kumar Singhal (Associate Professor)
2. Mr. Tarun Naruka (Associate Professor)
3. Mr. Vikas Mahala (Assistant Professor & Deputy Head)
4. Mr. Deepak Saini (Assistant Professor)