

Indian Society for Technical Education (ISTE)

About:

The Indian Society for Technical Education (ISTE) is a national professional organization in India dedicated to enhancing the quality of technical education in the country. It was established in 1941 and is one of the oldest and largest professional associations for educators and professionals in the field of technical education.

Objectives:

- ISTE aims to promote and maintain the quality of technical education by fostering innovation, research, and development in the field.
- The society focuses on the professional development of educators and professionals in technical education through workshops, seminars, conferences, and other educational programs.
- ISTE provides a platform for networking and collaboration among educators, researchers, and industry professionals, facilitating the exchange of ideas and best practices in technical education.
- ISTE is committed to the holistic development of students by organizing various events, competitions, and activities that enhance their technical and soft skills.
- The society emphasizes the importance of ethical behavior and values in technical education, aiming to instill a sense of responsibility and integrity in both educators and students.
- ISTE collaborates with international organizations to bring global perspectives and best practices to the Indian technical education community.

Overall, the Indian Society for Technical Education plays a crucial role in fostering excellence, innovation, and continuous improvement in the realm of technical education in India.

ISHRAE Office Bearers: Faculty Coordinator, President, Secretary, Treasurer

Table: Details of Workshops / Seminar / Certificate courses organized under ISTE

Sr. No.	Name of The workshop/seminar	Target audience	Duration/ Date	Objective	Recourse Person	Outcomes
1	Expert lecture on EV Sustainability Aspects	TY, Final year Students	15/09/2023	Enlighten participants on the sustainability aspects of Electric Vehicles (EVs) through an expert lecture.	Mr. Susheel Reddy, Alumnus of IIT Bombay and HEC Paris.	Attendees gain a comprehensive understanding of the environmental and social considerations associated with the adoption and use of Electric Vehicles.
2	01-day Workshop on 3D printing	Students from SVKM School	21/10/2023	To introduce school students to the basics of 3D printing technology and inspire their interest	Dr Amol Badgujar, Assistant professor, SVKM IoT, Dhule Mr Yogesh Sonawane Assistant Professor, SVKM IoT, Dhule	By the end of the workshop, students will have a basic understanding of how 3D printing works and its potential applications, fostering creativity and curiosity in technology and engineering concepts.
3	01 day Workshop on Modern Manufacturing Techniques	Students of RCPIT Polytechnic, Shirpur	25/07/2023	Provide hands-on experience and knowledge on modern manufacturing techniques	Dr Amol Badgujar, Assistant professor, SVKM IoT, Dhule Mr Yogesh Sonawane Assistant Professor, SVKM IoT, Dhule	Participants gain practical insights into contemporary manufacturing methods, enhancing their skills and understanding of modern industrial processes.
4	Expert talk on Preparing for Government Examinations	TY Students	19/05/2023	Guide participants in preparing for government examinations through an expert talk.	Dr Prasanna Gadhari, HOD Mechanical, SMDR Government Polytechnic, Dhule	Attendees receive valuable tips, strategies, and insights to effectively prepare for government exams, improving their chances of success.
5	Expert talk on Industry 4.0	SY, TY, Final year students	12.04.2023	Provide insights into Industry 4.0 through an expert talk.	Mr. Rajesh Jain., DGM, Press tool Shop, Mahindra & Mahindra	Participants gain a better understanding of the latest advancements and applications of Industry 4.0 in various sectors.
6	Expert session on recent advancement in finite element analysis	TY	01/04/2023	Discuss recent advancements in finite element analysis in an expert session.	Mr. Ganesh Wani, Senior Manager, NVH, TATA Motors Pune.	Participants stay updated on the latest developments and applications in finite element analysis, enhancing their knowledge in the field.
7	Guest lecture on "Energy Conservation Simplified Technical and Financial Analysis"	First Year Mechanical Students	23/02/2023 and 25/02/2023	To educate participants about the importance of energy conservation and provide practical tips for reducing energy consumption.	Dr Hitesh Thakare, Associate Professor, SVKM IoT, Dhule	By the end of the guest lecture, attendees will have an increased awareness of the significance of energy conservation and will be equipped with actionable strategies to implement in their daily lives to conserve energy and contribute to

8	Expert Session on "Modelling and Analysis Techniques Using Different Software"	SY, TY students	04/10/2022	Enhance participants' skills in modeling and analysis through an expert session using various software.	Mr. Bhavesh Sharma, CEO, CADD Center, Dhule	Attendees acquire practical knowledge and proficiency in employing different software tools for effective modeling and analysis techniques.
9	Competition-Best Out of Waste	SY, TY, Final Year	15/09/2022	Encourage creativity and environmental awareness through a Best Out of Waste competition.	Mr. Yogesh Sonawane, Assistant Professor, SVKM IoT, Dhule	Participants showcase innovative ideas by creating useful items from recycled materials.
10	Guest Lecture on "Angel Investment/VC Funding Opportunity for Early Stage Entrepreneurs"	Final year students	23/08/2022	Inform participants about angel investment and venture capital funding opportunities for early-stage entrepreneurs through a guest lecture.	Mr. Karan Sharma, TPO, SVKM IoT, Dhule	Attendees gain valuable insights into securing financial support for their ventures, empowering them to navigate the early stages of entrepreneurship successfully.
11	Expert session on "Design & Fabrication of Mini Hydraulic Press Machine"	FY Mech Students	09/07/2022	Learn about designing and building a Mini Hydraulic Press Machine in an expert session.	Ms. Aanchal Pardeshi, SY Student, Department of Mechanical Engineering, SVKM's IOT Dhule.	Students understood the methodology of project along with difficulties faced in the process.
12	Expert session on "CFD Fundamentals and Case Study"	SY Students	11/06/2022	Explore CFD fundamentals and real-world applications in a concise expert session.	Dr. Hitesh Thakare, Associate Professor, SVKM's IOT Dhule.	Participants gain insights into Computational Fluid Dynamics basics and its practical use through a case study.
13	Expert Session on Engine Simulation	TY Students	28/05/2022	Enhance understanding of engine simulation through an expert session led by Mr. Dipak Bhat.	Mr. Dipak Bhat, Technical specialist, Commins Technologies India Pvt. Ltd.	Participants benefit from Mr. Bhat's expertise, gaining valuable insights into engine simulation techniques and their applications in the field.
14	Expert Talk on Thin Film Solar Cells	TY Students	21/05/2022	Deliver expert insights on Thin Film Solar Cells through a focused talk.	Dr. Brijesh Singh Yadav, Material Technologist, Saule Technologies, SA, Wroclaw, Poland (Ab)	Participants gain valuable knowledge about the principles and applications of Thin Film Solar Cells.
15	An Essay Writing Competition	SY, TY, Final Year students	22/04/2022	Stimulate students' writing skills and creativity through an essay writing competition.	Mr. Yogesh Sonawane, Assistant Professor, SVKM's IOT Dhule.	Participants express their thoughts eloquently, showcasing diverse perspectives and insights on the given topic.
16	Expert talk on Guidance about Aeromodelling	TY, Final year Students	21/03/2022	Provide expert guidance on aeromodelling in a concise talk.	Mr. Bhojraj Jadhav, Alumni, SVKM IoT, Dhule Director, Evers Ecommerce Private Limited, Hadapsar, Pune	Participants receive valuable insights and tips for successful engagement in aeromodelling activities.

17	Expert talk on Importance of Entrepreneurship	TY, Final year Students	17/02/2022	Illuminate the importance of entrepreneurship through an expert talk.	Mr. Bhojraj Jadhav, Alumni SVKM IoT, Dhule Director, Evers Ecommerce Private Limited, Pune,	Participants gain a deeper understanding of the significance of entrepreneurship for personal and economic growth.
18	Expert talk on National Pollution Control Day	SY, TY, Final Year Students	12/02/2022	Raise awareness about National Pollution Control Day through an expert talk.	Dr. Shrikant Randhavane, Assistant Professor, Dept. of Civil Engg. SVKM's IOT Dhule.	Participants gain insights into the importance of pollution control and environmental conservation on National Pollution Control Day.
19	One day workshop on "Demonstration of 3D Printing Machine"	Final Year Students	30/12/2021	Demonstrate 3D Printing Machine capabilities in a one-day workshop.	Mr. Swapnil Potdar, CEO, Creative 3D Printing Service, Dhule	Participants acquire hands-on experience and understanding of 3D printing technology during the workshop.
20	Expert talk on How to Write Research Paper	Final Year Mech Students	29/11/2021	Provide guidance on writing research papers through an expert talk.	Dr. Hitesh Thakare, Associate Professor, Dept. of Mech. Engg. SVKM's IOT Dhule.	Participants learn essential tips and techniques for effective research paper writing
21	Expert talk on Guidance about Aeromodelling	TY Students	11/11/2021	Offer expert guidance on aeromodelling through a specialized talk.	Mr. Yogesh Patil, Alumni. SVKM IoT, Dhule	Participants receive valuable insights and practical advice for successful engagement in aeromodelling activities
22	Expert talk on Entrepreneurship	SY, TY, Final Year Students	07/10/2021	Share expertise on entrepreneurship through an insightful talk.	Mr. Sachin Deshpande, Director, ARS Energy Auditors, Mumbai	Participants gain valuable insights into entrepreneurship, fostering a better understanding of its principles and applications.
23	GATE 2022 Preparation for Mechanical Engineering Students	TY & Final Year Students	28/09/2021	Prepare mechanical engineering students for GATE 2022.	Mr. Mohan Shinde, AMVI, RTO, Thane.	Equip students with effective strategies and insights to enhance their readiness for the GATE exam in 2022.
24	Webinar on Robotics and Additive Manufacturing	SY, TY, Final Year Students	18/08/2021	Explore Robotics and Additive Manufacturing in a webinar.	Mr. Vinay Kunwar, Mr. Nikhil Kulkarni, IndiaFIRST@ Robotics Innovation and Research LLP, Pune	Participants gain insights into the advancements and applications of Robotics and Additive Manufacturing technologies.
25	Expert talk on "Energy Conservation – Simplified Technical and Financial Analysis"	First Year Students	18/08/2021	Simplify technical and financial analysis for energy conservation in an expert talk.	Dr. Hitesh Thakare, BEE Certified Energy Auditor (CEA -27707), SVKM's Institute of Technology, Dhule	Participants gain a clear understanding of energy conservation strategies, supported by simplified technical and financial insights.