

About the Institute

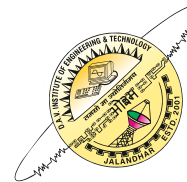
DAV Institute of Engineering and Technology was established in 2001 under the aegis of DAV College Trust & Management Society, New Delhi. DAV College Managing Committee (DAVCMC) is the executive body of the said Trust and is the largest nongovernmental educational organization in India, managing a chain of about 900 institutions in India and abroad. Over the years, this nodal organization has played a stellar role in rejuvenating the Indian society intellectually, emotionally and spiritually. DAV institutions are known for the highest level of dedication, sincerity, commitment and discipline and have established a reputation for academic excellence and character building. DAVIET is the first Engineering Institute of DAV College Trust and Management Society. Approved by AICTE and affiliated to IKG Punjab Technical University, the Institute is accredited by NAAC with "A" Grade & Recognized by UGC under Section 2(f). The institute is located in the heart of city and spread over an area measuring about 18 acres possessing extremely beautiful landscape with a running canal on its back and historical Burlton Park on its front. The institute has been ranked as top college of Engineering and awarded the certificate of excellence for exemplary contribution in the field of Higher Education and is also ranked 15th amongst the Best Private Engineering Colleges of North India by India Today MDRA Survey 2019. DAVIET is carrying out original research of significance and cutting edge technology development. The institute also came up with some in-house developed products in its endeavor to combat COVID-19. It imparts training to students to make them competent, motivated engineers and scientists. The Institute not only celebrates freedom of thought, cultivates vision and encourages growth, but also inculcates human values and concern for the environment and the society. We believe in creating professionals equipped with right skills and attitude by endowing them with high moral values, sound intellectual powers, refined analytical and decision making skills.

About the Department

Established in the year 2003, Department of Mechanical Engineering of the institute currently runs undergraduate courses with an annual intake of 60 students and as part of Regional Centre of IKG Punjab Technical University, Jalandhar, has also got a sanctioned intake of 25 students for post graduate courses leading to M.Tech. in Mechanical Engineering. The department is determined to provide the best of technical education to its students aimed at creating employable professionals and entrepreneurs. Regular use of Industry Week, an innovative practice conceived to enhance the skill, employability and entrepreneurial acumen of students, is one such exercise aimed at providing skill oriented education by bringing industry and academia in close proximity. Student activities, effective classroom teaching with judicious use of technology and focus on holistic development are some of the key features of education in the department.



AICTE - ISTE Sponsored One Week - Online Induction / Refresher Programme on *Advance Materials and Processes for Sustainable Intelligent Manufacturing* (Phase-II) March 17-23, 2021



DAVIET
ENGINEERING FUTURES
THROUGH INNOVATION

Organized by:
DEPARTMENT OF
MECHANICAL ENGINEERING
DAV INSTITUTE OF ENGG. & TECHNOLOGY
Jalandhar (Punjab)



About the Programme

In the era of global competitiveness, advance materials and manufacturing processes are major thrust areas for focused research. The issue becomes all the more relevant with environmental and sustainability concerns. Sustainable development through environment friendly materials and practices is a globally recognized mission. The course shall be comprehensively structured to cover the diverse fields of advance materials such as metal and polymer based composites, smart materials and manufacturing strategies including rapid prototyping, advance manufacturing processes, Green and Smart Manufacturing, Reuse & Recycling Techniques, ZED philosophy in Indian Manufacturing system and Renewable Energy Technologies. With the Make in India initiative, the nation aims to raise the contribution of the manufacturing sector to 25% of the Gross Domestic Product (GDP) by the year 2025. Manufacturing scenario in India is thus on an upswing which creates opportunities for engineers, technocrats and entrepreneurs. The course will serve as an aid to enhance the quality of classroom delivery of academic programs especially in the field of Manufacturing and Material Science to promote a better ecosystem for research, innovation and entrepreneurship in the related fields.

Key areas to be covered

The focus of the program will be on covering the current developments and opportunities in the following key areas:

- Advance Manufacturing Processes
- Smart Manufacturing
- Additive Manufacturing
- Smart Materials
- Zero Defect Zero Effect
- Composites & Advance Materials
- Sustainable Manufacturing
- Micro/Nano Manufacturing
- Bio Materials
- Waste Minimization

Eligibility

Faculty members from AICTE approved Institutions.

Resource Persons

Eminent personalities from premier institutions such as IITs, NITs, NITTR and world class industries have been invited to share their expertise on the thrust areas of the programme.

Registration

No registration fee. Limited seats available. Preference will be given to ISTE members. Certificates will be awarded to the participants who will satisfy the requirement of a minimum of 80% attendance and 60% or more marks in quiz which will be conducted during/end of the FDP. Online Registration of Phase - II by the eligible participants may be done on the given link :

<https://forms.gle/X6G3uQYRBfHm1d866>

Important Dates:

- ▶ Last Date for submission of online registration: 11.03.2021
- ▶ Confirmation of selection: 14.03.2021

Patron

Dr. Manoj Kumar, Principal

Program Coordinator

Dr. Gaurav Kumar Dhuria
Associate Professor and Head
Mechanical Engineering Department

Organizing Secretaries

Dr. Sanjeev Saini, Asstt. Prof. (W/Shop)
Sh. Pankaj Sadana, Asstt. Prof.

Organizing Committee

Sh. Ramandeep Singh Johal, Asstt. Prof.
Dr. Devinder Priyadarshi, Asstt. Prof.
Sh. Sandeep Kumar Uppal, Asstt. Prof.
Sh. Ankush Kohli, Asstt. Prof.
Sh. Chetan Darshan, Asstt. Prof.
Sh. Aman Maini, Asstt. Prof.
Dr. Gurveen Singh, Asstt. Prof.

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