

About VCET

'Vidyavardhini' is a body committed to enhancement of knowledge. Vidyavardhini was established as a registered society in the year 1970 by late Padmashri H.G. alias Bhausaheb Vartak for the noble cause of the education in rural areas. Vidyavardhini's College of Engineering and Technology, Vasai is located on the sprawling campus of Vidyavardhini, spread over an area of 12.27 acres. VCET is approved by AICTE and affiliated to the University of Mumbai for the Bachelor's Degree in seven Programs Mechanical, Electronics and Telecommunication, Computer Engineering, Information Technology, Civil Engineering, Computer Science & Engineering (Data Science), Artificial Intelligence & Data Science Engineering and Post Graduate program in Civil Engineering (Structural Engineering).

Department of Electronics and Telecommunication Engineering

The Department of Electronics and Telecommunication Engineering was established in the year 1994 with the aim of providing state-of-the-art education in the field of Electronics and Telecommunication engineering. Since then, the department has evolved to match the ever-changing needs of the industry with highly qualified faculty members and staff. Ensuring the efforts for continuous development the Department is reaccredited by NBA. The department strives for the all-round development of the students by implementing Outcome Based Education systems with a regular focus on extra-curricular and co-curricular activities.

Department of Mechanical Engineering

Department of Mechanical Engineering was established in the year 1994 with the objective of imparting the knowledge and developing practical skills in the various areas of Mechanical Engineering. The Department has been Re-accredited by NBA and has an intake of 60 students. The Department imparts the skills and expertise in the areas of Design, Thermal sciences, Manufacturing and Renewable energy that are the backbone of Industries. The Department also offers consultancy in the field of Material testing, Product & Process Design, Energy Audit, ISO certification to the Industries. Department caters to the students varied interest through student activities. Team VCET Solelction is renowned National level champion team for years together.

Patrons

Chief Patron

Shri. Vikas Vartak, President, Vidyavardhini

Patron

Shri . Arun Vartak, Chairman, Vidyavardhini

Shri. Shantaram Jadhav, Vice President, Vidyavardhini

Shri . Pandurang Naik, Vice President, Vidyavardhini

Shri . P. D. Kodollikar, Vice President, Vidyavardhini

Shri . Bhausaheb Mohol, Secretary, Vidyavardhini

Shri . Hasmukhbhai Shah, Treasurer, Vidyavardhini

Dr. Harish Vankudre, Principal VCET

Conveners

Dr. Amrita Ruperee

HoD, Electronics & Telecommunication Engineering

Dr. Uday Aswalekar

HoD, Mechanical Engineering

Co-ordinators

Dr. Sunayana Jadhav

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Mr. Sanjay Lohar

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Vidyavardhini's College of Engineering & Technology

Approved by AICTE and affiliated to the University of Mumbai
Accredited by NAAC

In association with



Presents

ISTE approved One Week Faculty Development Programme (FDP)

on

Industry 4.0: Paradigm Shift in Technology

Date : 26th June to 01st July 2023

Organized by

Department of Electronics and Telecommunication Engineering
(NBA Accredited)

&

Department of Mechanical Engineering
(NBA Accredited)

K.T. Marg, Vasai Road (W),
Dist. Palghar, Maharashtra 401202
Contact No: 0250-2339486
Website: <https://vcet.edu.in>

About the Programme

The aim of this faculty development program is to make faculty members aware about the latest technologies. This FDP will make attendees enhance their knowledge of current trends of automation, data exchange, IOT ecosystem, Cognitive & Cloud Computing.

Objective

1. To update Industry 4.0 among the academia and provide framework to the next generation.
2. To update the research scholars, academic faculties and people from industry with state-of-the-art technologies.

Key features of the FDP

1. Offline sessions by Industry experts and academicians.
2. Hands-on sessions on latest software and equipment.
3. Industrial Visit and discussion forum on research problems.

Expected Outcomes

1. Understand the Industry 4.0 architecture and eco-system.
2. Integrate hardware and software for the state of the art technology.
3. Apply smart methods of self-optimization, self-configuration, self-diagnostic, cognitive and intelligent support to complex problem.

Topics To Be Covered

- ❑ Building Blocks of IIOT
- ❑ Cyber Security
- ❑ AI & ML with its real time application
- ❑ Sensor Technology & its application
- ❑ Cloud Computing
- ❑ Condition Monitoring techniques
- ❑ Robotics and Automation
- ❑ Smart / Additive Manufacturing
- ❑ Augmented reality/Virtual reality/Mixed reality
- ❑ Digital Twin Technology
- ❑ 5G Technology

Eminent Speakers

Dr. Rita Jain

Co-Founder, AVRN Intellitech Pvt. Ltd Bhopal.

Dr. Harish Chandar

Founder, Director, INDIATECH

Dr. Satyanarayana Bheesette

Scientific Officer(H), Dept. of High Energy Physics, TIFR, Mumbai

Mr. B. A. Damahe,

Head- STA, L&T Skill Trainers Academy, Mumbai

Dr. Bhushan Jagyasi

Associate Director Accenture Technology, India

Dr. Shravani Shahapure

Data Security and Quantum Safe, Technical Head, Capgemini

Mr. Balasaheb Bhosale

Factory Head, Amul India Ltd., Mumbai

Dr. Harshit Dave

Associate Professor, SVNIT, Surat

Dr. Rajesh Buktar

Professor, SPCE, Mumbai

Dr. Saurabh Mehta

CAO, Professor, Vidyalankar Insitute of Technology, Mumbai

Dr. Dipti Patil

Dean Student Affairs, Cummins COE, Pune

Programme Committee

Mrs. Shraddha Gosavi

Mrs. Ekta Naik

Mrs. Trupti Shah

Mr. Vishwas Palve

Mr. Kamlesh Bachkar

Mr. Ganesh Wahile

Event Details

Date : 26th June 2023 - 01st July 2023

Time: 9.00 am to 5.00 pm

Venue: VCET Seminar Hall.

Registration

Registration Fees: ₹2000/-

Fee Payment : Registration fees can be paid through Gpay or any third-party UPI application to

Beneficiary Name: Vishwas M. Palve

Mobile No: 9870300102

UPI ID: vishwas600462@okhdfcbank

Registration Form:

<https://forms.gle/FSyoxAxXvPHou1Ff6>

Registration QR

