

## 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 Computer Science and Engineering (Data Science)

The Department of Computer Science and Engineering (Data Science) was established in the academic year 2020-21. The Department has an intake of 60 students. The Department boasts of a qualified and technologically sound faculty with a good teaching and industrial experience. The Department consists of well-equipped, state-of-the-art labs with facilities conducive for the growth of students.

### Department of Artificial Intelligence & Data Science

The Department of Artificial Intelligence and Data Science was established in 2020 to provide quality education in the emerging fields of Artificial Intelligence and Data Science. The department offers 60 seats for the Undergraduate program (BE). The department aims to create an environment for the development and fostering of proficient artificial intelligence and data science engineers who embody professionalism and civic responsibility. The department has dynamic, highly qualified and experienced faculty members, is equipped with the most modern software, and has state-of-the-art facilities for facilitating a coherent teaching-learning process.

## Patrons

### Chief Patron

**Shri. Vikas Vartak**, President, Vidyavardhini

### Patron

**Shri . Arun Vartak**, Chairman, Vidyavardhini

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**Shri . Bhausaheb Mohol**, Secretary, Vidyavardhini

**Shri . Hasmukhbhai Shah**, Treasurer, Vidyavardhini

**Dr. Harish Vankudre**, Principal VCET

## Conveners

**Dr. Vikas Gupta**

HoD, Computer Science and Engineering  
(Data Science)

**Dr. Tatwadarshi P. N.**

HoD, Artificial Intelligence & Data Science

## Co-ordinators

**Mr. Yogesh Pingle**

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**Mrs. Sneha M. Yadav**

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## Vidyavardhini's College of Engineering & Technology

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

In association with



Presents

**ISTE approved Six Days Short  
Term Training Programme (STTP) on**

## MLOps

**A Modern Approach to Design,  
develop and Operate Machine  
Learning Models**

**(ISTE/Proceedings/STTP-SF-MAH-022/2023-24)**

**Date : 12<sup>th</sup> June to 17<sup>th</sup> June 2023**

Organized by

**Department of Computer Science and  
Engineering (Data Science)**

&

**Department of Artificial Intelligence &  
Data Science**

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 Short Term Training Program (STTP) is to make faculty members aware about the latest technologies in MLOps. This STTP will make attendees enhance their knowledge of current trends of machine learning, DevOps, MLOps, and tools.

## Objectives

1. To explicate the concepts of Machine learning and integrate the knowledge.
2. To encourage participants for implementation and deployment of ML algorithms.
3. To acquaint participants to DevOps concepts for sustainable infrastructure for applications.

## Key features of the STTP

1. Offline sessions by Industry experts and academicians.
2. Hands-on sessions on latest software and equipment.
3. Platform to solve problems of real world applications.

## Expected Outcomes

1. The participants will enable to design machine learning algorithms.
2. The participants will adopt the MLOps practices and principles using different tools.
3. The participant will understand the connection between two areas of ML : development of machine learning models and operating it in production

## Topics To Be Covered

- ❑ Machine learning concepts
- ❑ Linear regression algorithm
- ❑ Hands on Colaboratory
- ❑ What is DevOps & its application ?
- ❑ Hands on Git and Jenkins
- ❑ Hands on using Azure/AWS or Visual Studio
- ❑ Hands on Docker and Selenium
- ❑ Overview of and comparison with AIOps and DevOps, MLOps lifecycle, CI/CD pipeline
- ❑ How to automate web browser ?
- ❑ How to build containerized apps ?

## Resource Person

### Mr. Shailendra Kadre

Senior Program Manager (ML), HP Inc.

### Ms. Ankita Malani

Lead Software Engineer, MobileIron Company

### Mr. Rohit Barve

Assistant Professor, VIT, Mumbai

### Dr. Bhushan Jadhav,

Assistant Professor, TSEC, Mumbai

### Dr. Tatwadarshi P. N.

Head of Department, AI&DS, VCET, Vasai,

### Mr. Yogesh Pingle

Assistant Professor & Deputy HoD, CSE(DS), VCET, Vasai

## Mode of conduction

The course will be conducted in OFFLINE/ONLINE mode.

## Last Date

**Date : 5<sup>th</sup> June 2023 till 5 pm**

Registration fees can be paid through online bank transfer or GooglePay.

## Programme Committee

**Mrs. Maya Varghese**

**Mrs. Krunali Vartak**

**Mrs. Janisa Pereira**

**Mr. Sumeet Shingi**

**Mrs. Komal Champanerkar**

**Ms. Bhavika Gharat**

**Ms. Kshitija Gharat**

## Event Details

**Date : 12<sup>th</sup> June 2023 – 17<sup>th</sup> June 2023**

**Time: 9.00 am to 5.00 pm**

**Venue: VCET Seminar Hall.**

## Registration

**Beneficiary Name: Ms. Komal Champanerkar**

**Mobile No: 9168515415**

**UPI ID: 9168515415@upi**

**Registration Form available at :**  
<https://vcet.edu.in/STTP/>

**For Registration Form, scan the given QR Code :**



	Teaching	Industry
<b>ISTE member</b>	500 /- ISTE Certificate	500 /- ISTE Certificate
<b>Non-ISTE member</b>	500 /- Institute Certificate	1000 /- Institute Certificate