

ABOUT US

Vivekanand Education Society's Institute of Technology (VESIT), established in 1984, is one of the most premium Autonomous institutions for engineering affiliated to the University of Mumbai. As a part of Ruby Jubilee celebration of VESIT and the department of Electronics and Computer Science (former dept of Electronics) we are organizing a workshop for the students with unique learning opportunities and experiences that honor the legacy of our institution and the department.

VISION

To produce globally competent and socially responsible engineers capable of independently solving problems with a sound knowledge of engineering in Electronics and Computer Science.

MISSION

- To prepare students in the field of engineering in Electronics and Computer Science for lifelong learning.
- To develop professionals who can think critically and provide cost-effective solutions to solve local and global issues using knowledge of Electronics and Computer Science.
- To inculcate a sense of being job providers than job seekers with due consideration to ethical and social values.

CONVENERS

Dr. Kavita Tewari

Head of Department

Dr. Naveeta Kant

Dy. Head of Department

PATRONS

Shri. B. L. Boolani

Managing Trustee, VESIT

Shri Suresh Malkani

President, VES

Shri. Rajesh Gehani

Secretary, VES

Shri. Dr. Prakash Lulla

Treasurer, VESIT

Shri. Vijay Talreja Trustee, VES & Co-Founder, Adapty

Dr. (Mrs.) J. M. Nair

Principal, VESIT

Dr. (Mrs.) M. Vijayalakshmi Vice Principal, VESIT

Welcome to the Tech Bootcamp

Join us for an immersive 6-day workshop that covers the essentials of modern software development. Whether you are a beginner or looking to enhance your skills, this bootcamp is designed to provide you with hands-on experience and practical knowledge.



Vivekanand Education Society's Institute of Technology

H.A.M.C Collector's Colony, Chembur, Mumbai 400074

(Autonomous Institute Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

NAAC accredited with 'A' grade

RUBY JUBILEE

DEPARTMENT OF ELECTRONICS & COMPUTER SCIENCE PRESENTS

TECH BOOTCAMP

One Week Workshop

15th July 2024- 20th July 2024

FACULTY CO-ORDINATORS

Dr. Rajani Mangala

Dr. Asawari Dudwadkar

Mr. Yogesh Pandit

VENUE

ROBOTICS LAB (Second Floor)

Day 1: Monday, 15th July

Introduction to GitHub

Introduction to GitHub

Collaboration and Advanced Features



Day 2: Tuesday, 16th July

Flutter Development

Introduction to Flutter

Building and Deploying a Flutter App



Day 3: Wednesday, 17th July

Basics of Web Development

Introduction to HTML and CSS

Building a Simple Website

Introduction to JavaScript



Day 4: Thursday, 18th July

IoT and SQL Database

Introduction to IoT

Setting Up IoT Devices

Introduction to SQL



Day 5: Friday, 19th July

Fundamentals of Machine Learning and Data Science

Introduction to Machine Learning

Data Science Fundamentals

Machine Learning Algorithms



Day 6: Saturday, 20th July

Image Processing

Introduction to image processing

concepts and tools



Guidance Session

Mr. Malhar Chaudhari

About the Program

The Tech Bootcamp Workshop is a dynamic 6-day bootcamp designed to equip participants with foundational skills in today's most sought-after technologies. From mastering version control with GitHub to building interactive websites, developing mobile apps with Flutter, integrating IoT devices with SQL databases, and diving into the fundamentals of machine learning and data science, this program offers a comprehensive learning experience. Each day combines theoretical knowledge with hands-on projects, ensuring that participants not only understand the concepts but can also apply them practically.

Program Objectives

- 1.To provide comprehensive knowledge of key technology areas.
- 2.To develop practical skills through interactive sessions and exercises.
- 3.To foster an environment of active learning and collaboration.
- 4.To prepare participants to implement technological solutions confidently.

Program Outcomes

- 1.Participants will have a strong understanding of fundamentals.
- 2.Participants will gain hands-on experience, enhancing their practical application skills.
- 3.Participants will be able to confidently use the technologies covered in the workshop.
- 4.Participants will be equipped to contribute effectively to tech-driven projects and initiatives.

STUDENT CO-ORDINATORS

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