



Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering & Technology, Baramati



Department of Electronics and Telecommunication Engineering

Institution's Innovation Council

Activity Report

Topic: Tech Start-up Essentials: Arduino and Simulation

Type of Activity: Workshop

Class: S.Y. B.Tech.

Date: 1 Aug 2025 & 23 Aug 2025

Time: 10.00AM – 04.00PM

Mode: Offline

Contents of the program:

- Introduction to Arduino hardware and software
- Basics of Arduino programming (syntax, coding structure)
- Hands-on simulation of Arduino projects
- Practical demonstrations and exercises guided by experts
- Interaction with resource persons (Jyoti Rangole & Mrs. Komal Gaikwad)

Objectives:

- To provide participants with fundamental knowledge of Arduino microcontroller programming.
- To familiarize students with simulation tools used in embedded systems.
- To encourage innovation and practical application in electronics and telecommunication fields.
- To build problem-solving and prototyping skills among students.
- To expose participants to real-world applications of Arduino in automation, IoT and electronics.

Outcomes:

- Participants will gain hands-on experience in Arduino programming and simulation. Ability to design and test simple Arduino-based projects.
- Improved understanding of embedded systems and IoT fundamentals.
- Development of teamwork and project implementation skills.
- Motivation to take up community projects, academic projects, or start-ups using Arduino.

Resource Person Details: Dr. Jyoti Rangole (HOD E&TC), Mrs. Komal Gaikwad (Assistant Professor)
VPKBIET Baramati

Name of Coordinator: Ms. Snehal Sabale, Assistant Professor, Department of E&TC

POs Mapped: PO6, PO7, PO11

Participants: Students from the host institute

No. of Participants Attended the session: 60

Number of Student:56

Number of Faculty members from the host institute: 04

Number of Students from outside: NIL

Number of Faculty members from Outside: NIL

Flyer of the Event:



Vidya Pratishthan's Center of Excellence for Youth
Development Supported by
Bharat Forge Ltd.
in association with
Department of Electronics and Telecommunication
Engineering

Organizing One-Day
Workshop on
Tech Startup Essentials : Arduino & Simulation

Resource Persons:
Dr. Jyoti Rangole, Mrs. Komal Gaikwad

Register Here:

<https://forms.gle/T9j1R8Mvx3xV8A2SA>

01/08/2025 & 23/08/2025 (10.00AM TO 04.00 PM)
Registration Charges: Rs.100/- Pay
Here:


Contact:
7350571186

Venue:
BFL CoE
VPKBIET, Baramati

Feedback Analysis:

Quality	Excellent	Very Good	Good	Fair	Poor
Percentage(%)	50%	25%	10%	8%	7%

Event Photos:

