Shri Shivaji Education Society, Amravati's
Shri Shivaji Science College, Amravati

NAAC : A+ Grade (CGPA 3.42), PM UShA : Component-3 Grant (Strengthen College), UGC : CPE, NIRF-2024 : Rank - 99, DBT : STAR College (Strengthening Component), DST : FIST, ISO : 9001-2015, SGBAU : Lead College, Career Katta : Centre of Excellence

Department of Computer Science

In collaboration with Ibase Electrosoft Pvt. Ltd.

Catalysed under DBT Star College (Strengthening Component)

Organizing

One-week Skills-Based Training program on

IoT (Internet of Things) and Python Programming

Duration : 10 to 17 March 2025
Venue: Department of Computer Science

Workshop Objectives:
- Understand the concept, applications, and impact of IoT.
- Learn the basics of Python programming, including syntax, data structures, and libraries.
- Explore IoT hardware components (sensors, actuators, microcontrollers, and communication modules).
- Implement Python-based control of IoT devices and sensors.

Training program Framework:
- Day 1: Introduction to IoT and Python Programming
- Day 2: IoT Components and Python for IoT Development
- Day 3: IoT Connectivity & Cloud Integration
- Day 4: IoT Data Processing & Security Considerations
- Day 5: Mini IoT Project Development
- Day 6: Project Demonstration & Conclusion

Targeted Beneficiaries: Selected inhouse 50 Students from Class 'B.Sc. - III CPS', 'B.Sc. - III CPV' and 'BCA - III' on the basis of Selection Test

Resource Person: Mr. Nakul Deshmukh, Director, iBaseElectrosoftPvt. Ltd.

Co-conveners		Convener	Principal
Dr. U. S. Junghare Asst. Prof.	Mr. Y. V. Hushare Asst. Prof.	Dr. M. M. Bhonde Head of the Dept.	Dr. G. V. Korpe

Registration Link: https://forms.gle/sdNBibEWGYEWAQmPA