



**JSPM'S**

**BHIVRABAI SAWANT POLYTECHNIC**

**WAGHOLI, PUNE - 412207**

# **SAGACITY**

**DEPARTMENT OF  
COMPUTER ENGINEERING**

**VOLUME 9, ISSUE - I**

**Academic Year 2023-24**

# JSPM'S Bhivrabai Sawant Polytechnic, Wagholi,

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**Academic Year 2023-24**

## **JSPM's Bhivrabai Sawant Polytechnic, Wagholi, Pune**

### **Vision and Mission of the Institute:**

#### **Vision:**

To develop globally competent technocrats by imparting quality technical education for socio-economic enhancement of the nation.

#### **Mission:**

- M1:** To nurture and maintain an environment of high academic standard for diploma students, encouraging higher education and entrepreneurial abilities.
- M2:** To deliver quality education by imparting basic engineering knowledge, interpersonal skills, critical thinking and creativity.
- M3:** To equip students with technical skills, ethical and moral values to meet aspirations of the society and industry to contribute sustainable development of the nation.

### **Vision and Mission of the Department:**

#### **Vision:**

To develop technical manpower in the field of computer engineering to contribute the Socio-industrial requirement.

#### **Mission:**

- M1:** To develop techno-savvy engineers by imparting comprehensive computer engineering knowledge by innovative teaching and learning process.
- M2:** To develop professional skills committed for lifelong learning through co-curricular and extracurricular activities.
- M3:** To impart Computer Engineering education in order to meet societal and industry needs.

### **Programme Educational Objectives (PEOs) of Computer Department:**

- PEO1.** Provide socially responsible, environment friendly solutions to Electrical engineering related broad-based problems adapting professional ethics.
- PEO2.** Adapt state-of-the-art Electrical engineering broad-based technologies to work in multi-disciplinary work environments.
- PEO3.** Solve broad-based problems individually and as a team member communicating effectively in the world of work.

## (POs)

**PO1: Basic and Discipline specific knowledge:** Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problem.

**PO2: Problem analysis:** Identify and analyze well-defined engineering problems using codified standard methods.

**PO3 : Design/ development of solutions:** Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.

**PO4: Engineering Tools, Experimentation and Testing:** Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.

**PO5: Engineering practices for society, sustainability and environment:** Apply appropriate technology in context of society, sustainability, environment and ethical practices.

**PO6: Project Management:** Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities

**PO7: Life-long learning:** Ability to analyze individual needs and engage in updating in the context of technological changes.

## PSO's

**PSO1: Computer Software and Hardware Usage:** Use state-of-the-art technologies for operation and application of computer software and hardware.

**PSO2: Computer Engineering Maintenance:** Maintain computer engineering related software and hardware systems.



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