



JSPM'S

BHIVRABAI SAWANT POLYTECHNIC

WAGHOLI, PUNE - 412207

SAGACITY

**DEPARTMENT OF
COMPUTER ENGINEERING**

VOLUME 10, ISSUE - I

Academic Year 2024-25

JSPM'S Bhivrabai Sawant Polytechnic, Wagholi,

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Academic Year 2024-25

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:

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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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