

JAYWANT SHIKSHAN PRASARAK MANDAL
RAJASHRI SHAHU COLLEGE OF ENGINEERING,
POLYTECHNIC
DEPARTMENT OF COMPUTER ENGINEERING



CREATOR
ACADEMIC YEAR 2024-2025
Sem - 1

About Department



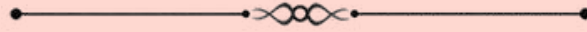
The Department of Computer Engineering was established to meet the demand for well-qualified computer professionals and was conceived in the year 2014 with annual intake of the 60 students. The main focus of the department is to deliver the professionals with strong fundamentals in Computer Engineering domain and assist them to build their own confidence. The department has excellent infrastructure with state-of-the-art equipment and software tools. The department ensures that program objectives are constantly met and learning outcomes are monitored through periodical test and assignment.

Our Department has signed MOU with various industries. As the field of Computer is ever-changing, we take additional efforts to improve upon the quality of education for that purpose department organizes development programs for Faculties & Students such as FTP's, STP's, Workshops, Seminars, Paper presentations, Industrial Trainings, Industrial Visits, Quiz competitions, online certification courses like NPTEL etc.

The Department emphasizes on all round development of the students, to make them competent engineers and to present them as responsible citizens as well as good human beings

From the academic year 2023 2024 intake of computer department is increase from 60 to 120.

Vision & Mission



Departmental Vision:

To impart value based technical education for developing competent computer engineers fulfilling expectations of industry and society.

Departmental Mission:

1. To provide sound theoretical education, practical knowledge and to train the students in association with industry.
2. To improve self-awareness and ethical values among students along with technical proficiency.
3. To promote awareness about life-long learning and problem solving among students.

PROGRAM EDUCATIONAL OBJECTIVES:

PEO1- environment friendly solutions to computer engineering related broad-based problems adapting professional ethics.

PEO2 - Adapt state-of-the-art computer engineering broad-based technologies to work in multidisciplinary work environments.

PEO3 - Solve broad-based problems individually and as a team member communicating effectively in the world of work

PROGRAM SPECIFIC OUTCOMES:

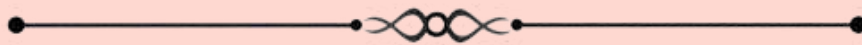
PSO 1: Computer Software and Hardware Usage: Use state-of-the-art technologies for operation and application of computer software and hardware.

PSO 2: Computer Engineering Maintenance: Maintain computer engineering related software and hardware systems.

OUR INSPIRATION



Dr. (Prof) T. J. Sawant
President, RSCOE, Tathawade,
Pune.



Prof. T.J. Sawant founded JSPM in 1998 to provide quality education in Pune. Starting with Rajarshi Shahu College of Engineering in 2001, JSPM now operates multiple campuses, earning accolades like "Best Professional College."

He has also established sugar factories and is pursuing projects like a hospital, medical college, and private university, exemplifying his vision and drive for excellence.



Dr. S.S. Gaikwad

Principal

RSCOE Polytechnic, Tathwade, Pune



Dr. S.S. Gaikwad, Principal of Polytechnic RSCOE Tathawade, Pune. She has over 23.5 years of experience apart from 14 years as a principal, 1.6 years as HOD, and 7.2 years as a lecturer, along with 3 years of industrial experience. She has published 7 national and 3 international conference papers, 4 journal articles, and authored 20 technical books.

With 21 seminars and training programs attended.

Dr. Gaikwad holds memberships in esteemed organizations like IRDA, IAENG, IISLA, ISTE, and CSI, showcasing her expertise in education, engineering, and insurance sectors.



DEPARTMENT OF COMPUTER ENGINEERING

JSPM's RSCOE Polytechnic Institute Vision	JSPM's RSCOE Polytechnic Institute Mission
"To satisfy the aspirations of youth force, who want to lead the nation towards prosperity through techno-economic development."	"To provide, nurture and maintain an environment of high academic excellence, research and entrepreneurship for all aspiring students, which will prepare them to face global challenges maintaining high ethical and moral standards."
JSPM's RSCOE Polytechnic Department of Computer Engineering Vision	JSPM's RSCOE Polytechnic Department of Computer Engineering Mission
To impart value based technical education for developing competent computer engineers fulfilling expectations of industry and society.	<p>M1-To provide sound theoretical education, practical knowledge and to train the students in association with industry.</p> <p>M2-To improve self awareness and ethical values among students along with technical proficiency.</p> <p>M3-To promote awareness about life-long learning and problem solving among students.</p>
Program Specific Outcomes (PSOs)	Program Outcomes (POs)
<p>PSO1.Computer Software and Hardware Usage; Use state of-the-art technologies for operation and application of computer software and hardware.</p> <p>PSO2.Computer engineering Maintenance; Maintain computer engineering related software and hardware system.</p>	<p>1. Basic and Discipline specific knowledge: Apply knowledge of basic mathematics, science and Engineering fundamentals and engineering specialization to solve the engineering problems.</p> <p>2. Problem analysis: Identify and analyse well-defined engineering problems using codified standard methods.</p> <p>3. 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.</p> <p>4. Engineering Tools, Experimentation and Testing: Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.</p> <p>5. Engineering practices for society, sustainability and environment: Apply appropriate technology in context of society, sustainability, environment and ethical practices.</p> <p>6. 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.</p> <p>7. Life-long learning: Ability to analyse individual needs and engage in updating in the context of technological changes.</p>
Program Educational Objectives (PEOs)	
<p>PEO1: Provide socially responsible, environment friendly solutions to Computer Engineering related broad-based problems adapting professional ethics.</p> <p>PEO2: Adapt state-of-the-art Computer engineering broad-based technologies to work in multi-disciplinary work environments.</p> <p>PEO3: Solve broad-based problems individually and as a team member communicating effectively in the world of work.</p>	

DEPARTMENTAL TOPPERS

ACADEMIC YEAR 2024-2025

First Year:

Rank	Name	Percentage
1	GHODELA KUNAL SUBHASH	86.82
2	KADAM AARYA HEMANT	86.82
3	GAIKWAD SAUMYA SHASHIK	86.35

Second Year:

Rank	Name	Percentage
1	ZOPE SHUBHRA KISHOR	88.94
2	BHUSARE SNEHAL SANTOSH	87.77
3	JADHAV SIDDHI UMESH	86.71

Third Year:

Rank	Name	Percentage
1	ZOPE SHUBHRA KISHOR	88.94
2	BHUSARE SNEHAL SANTOSH	87.77
3	JADHAV SIDDHI UMESH	86.71

Departmental Events

Alumni Interaction

Audience: Department of Computer Engineering

Day & Date: Friday, 13th September 2024

Name of Speaker: Divesh Adivarekar

On 13th September 2024, an alumni interaction session was held for second-year diploma Computer Engineering students. Mr. Divesh Adivarekar, a 2023-24 batch alumnus and second rank holder with 91.37%, shared his journey and experiences. Currently pursuing higher education at a reputed engineering college, he also maintains a personal website: <https://diveshadivarekar.github.io/>.

He discussed his diploma achievements, including certifications in Machine Learning, Kafka and Zookeeper, Cyber security, an IEEE certification, and a Python internship. He provided guidance on final-year projects, placement preparation, and strategies for excelling in aptitude tests and interviews.

Mr. Divesh addressed student queries about career paths, offering insights on higher education and professional opportunities. The session left students inspired and better informed about their academic and career goals.



Alumni Divesh Adivarekar Interaction with students



Guest Lecture-Specific Skill Sets in Data structure Field

Glimpse of Online Guest lecture

Speaker: Mr. Harsh Sharma

Designation: - Chief Technical Officer Accio Job

Day & Date: Monday, 18 sept 2024

Online mode



Mr. Harsh Sharma



Students attend online session

Guest Lecture “Occasion of Teacher’s Day”

Organized by: Department of Computer Engineering

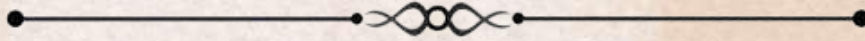
Day & Date: Thursday,
5th September 2024

Location: Seminar Hall-307



Felicitation of Guest

Universal Human Values



Audience: Students of Second Year Computer Engineering (SYCO-A)

Date: 9th August 2024

No. of Attendees: 44

Name of Coordinator: Mrs. H. N. Bhandare

Organized by: Computer Department, JSPM's RSCOE Polytechnic, Tathawade, Pune

Speaker: Dr. R. N. Panchal

Venue: Classroom F-212

Time: 11.30 to 12.30pm



Women Empowerment Day

- **Date:** 14/08/ 2024
- **Class:** All Students of Computer Engineering Department
- **Time:** 10.30 am to 11.30 pm
- **Venue:** Class room : F- 212 JSPM's RSCOE, Tathawade
- **Topic:** Women Empowerment Day
- **Organized by:** Computer Engineering Department



Glimpse of Event

Students Achievement Academic Year 24-25

| Shruti Pawar |



Shruti get 1st rank ENGINEIOUS-24

| Snehal Bhusare |



Snehal Bhusare get 1st prize Elocution competition



Snehal Bhusare get 1st prize Marathi bhasha Diwas

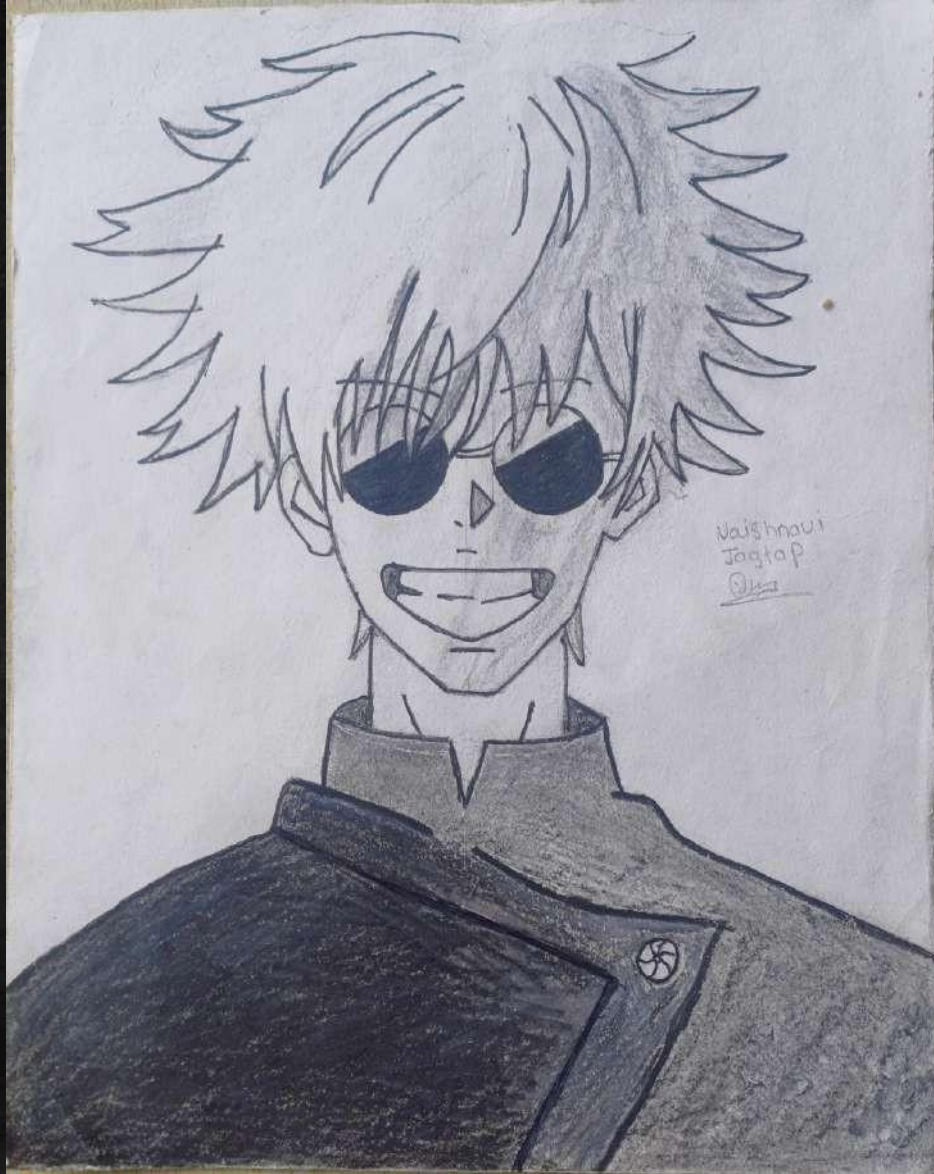
| Sandesh Ghodke |



**Sandesh Ghodke 1st prize in Technical
Event: Blind coding**

| Sketch |

Vaishnavi Jagtap



Vaishnavi Jagtap (SYCO B)

