

JCEI's Jaihind Polytechnic, Kuran



Computer Engineering

Content

Newsletter

- Vision and Mission
- HOD's Message
- Program Educational Objectives (PEOs)
- Program Specific Outcomes (PSOs)
- Program Outcomes (POs)
- Departmental Events
- Faculty Training
- Faculty Achievements
- Students Achievements
- Co-curricular Activities
- Extra-curricular Activities
- Examination Toppers



Department of Computer Engineering in association with industry and its experts will be a concrete platform to build and develop technical knowledge and essential potential for application-based product development in and for future, through a world class education to empower the society and nation at large



MISSION

Computer Engineering department will be the widely recognized center for excellence for promoting value added engineering education. We will contribute by evolving innovative technology solutions to solve a wide range of complex scientific, technological & social problems, to make competent engineers with the sprint of professionalism and responsible citizenship, to prepare engineers to respond the current and future needs of the industry, higher studies as well as research.

HOD's Message.....



The Computer Engineering program was started in the year 1997 with intake of 120 seats. The main focus of the department is to deliver the professionals with strong and Placement. The department has well equipped and well-furnished 7 labs.

Department of Computer Engineering is prepared to meet the challenges and is playing a leadership role in shaping the education of the 21st Century by providing the lifelong learning and leadership skills to the students that enable them to grow in their professions and advance to positions of responsibility. The main motto of our department is to provide quality education. The process of learning is extremely important in everyone's life. For that, we provide excellent infrastructure, many values added courses, teaching faculty of the best kind ensuring quality education such as interaction among students, parents and staff ensures a bright future to our students.

The Department also has a departmental library, computer center and seminar hall. The department focuses on the overall fundamentals in Computer Science and Engineering Domain. The department has well qualified and experienced teaching faculty members with various specializations. The department has excellent infrastructure with state-of-the-art equipment and software tools. The activities of the Department are conducted, besides teaching, in the areas of research, consulting, training, alumni and Training development of the students imparting Industry standard skills through Projects and by encouraging Student Association activities and Industrial visits.

I congratulate the team of faculty members and the students for their brilliant and original efforts. I wish all the Students and Faculty a great academic career.

Prof. Jadhav V.V
HOD
Computer Engineering

Program Educational Objectives (PEOs)

PEO-1: Engineer will apply knowledge of basic mathematics, science, and discipline to design and develop systems in multi-disciplinary environments.

PEO-2: Engineer will work as an individual or a team member with effective communication exhibiting ethical values having environmental concerns.

PEO-3: Engineer will engage in lifelong learning, career enhancement and adopt changes as per professional and societal needs.

Program Specific Outcomes (PSOs)

PSO 1: Software Domain: The Computer Engineer will be able to provide specific solutions to problems in software domain with use of engineering tools and technology

PSO 2: Computer Hardware and Networking: The Computer Engineer will apply knowledge, techniques and professional skills for real time operation and maintenance of computer hardware and networking.

Program Outcomes (POs)

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

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

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.

Departmental Events

Guest Lecture

Expert Lecture No.:-1

- 1) Name of Topic: “Awareness about Cyber Security”
- 2) Name of Guest Lecturer: Mr. Ramesh Khade (Radio Jockey, Mount Abu.)
- 3) Date: 27 July 2023 1:00 PM



Expert Lecture No.:-2

- 1) Name of Topic: “Applications of Java”
- 2) Date: 21 August 2023 12:30 PM
- 3) Conducted By: Mr. Rahul Shinde (Java Developer, FIS Global Pune)



Expert Lecture No.:-3

- 1) Name of Topic: “Current Trends in Software Industry and Project Development Life Cycle”
- 2) Date: 14 September 2023 10:00 AM
- 3) Conducted By: Mr. Dilip Singh (C.E.O of Innovatus Technologies, Pune)

**Expert Lecture No.:-4**

- 1) Name of Topic: “Advanced Databases used in Industry”
- 2) Date: 05 Oct. 2023 1:00 PM
- 3) Conducted By: Mr. Arkas Bapu Dilip Director and Project Manager, Proazure Software Solutions Pvt. Ltd. Pune



Expert Lecture No.:-5

1. Name of Topic: “Decoding the Matrix: Unveiling the Thrill of Career in Information Technology”
2. Date: 05 March 2024 12:30 PM
3. Conducted By: Mr. Prasad Pawar (Program Manager , Sumago Infotech Pvt.Ltd.)



Industrial Visit

Company Name: GMRT Observatory, Khodad

Date: 29/02/2024

Name of Staff: Ms. Shelake R. M., Ms. Jadhav A.A., Mr. Badhe M. S., Mr. Tattu S. P.

No. of Students: 107 (FY)



Company Name: Maya Academy of Advanced Creativity, J. M. Road, Shivajinagar, Pune
Date: 05/02/2024
Name of Staff: Mr. Jadhav V. V., Mrs. Bankhele P. K.
No. of Students: 35 (TY)



Workshop

Workshop No:-1

Name of Workshop: “Artificial Intelligence (AI), Machine Learning (ML),
Deep Learning (DL)”

Date: 19/10/2023 to 21/10/2023

Conducted By: Mr. Dilip Singh, CEO, Innovatus Technologies, Pune



Workshop no 2

Name of Topic: “Cloud Computing”

Date: 15 March 2024 to 16 March 2024

Conducted By: Mr. Dilip Singh CEO, Innovatus Technologies, pune



Faculty Training

Sr . No.	Name of faculty / staff	Details of Training (Industrial / Content Updating / Soft Skill Any Other)	Duration of Training (schedule)	Organizing Body	Organizing Institute
1	JADHAV VINAYAK VENKYAT	Python Programming	14/07/23 to 15/07/23	Dept. of Computer and E.Tc. Engineering	Jaihind Polytechnic Kuran
2	JADHAV VINAYAK VENKYAT	National Level Faculty Development Program On Cloud Infrastructure	21/08/23 to 25/08/23	Amrutvahini College of Engg, Sangamner	Brainovision Solutions India Pvt Ltd.
3	JADHAV VINAYAK VENKYAT	Outcome Base Education in NBA Accrediation Program	29/12/23 to 30/12/23	Dept. of Computer Engineering	Jaihind Polytechnic Kuran
4	DUMBRE SANKALP BAJARANG	Python Programming	14/07/23 to 15/07/23	Dept. of Computer and Electronics Engineering	Jaihind Polytechnic Kuran
5	DUMBRE SANKALP BAJARANG	Paper Publication Certificates On Application Analysis of Neutral Network in Computer Network Security Education	February 2023	International Journal of Advance Research in Science Communication & Technology	International Journal of Advance Research in Science Communication & Technology
6	DUMBRE SANKALP BAJARANG	Android Application Development Program	29/01/24 to 30/01/24	Dept. of Computer Engineering	SPM Polytechnic Kumathe, Solapur

7	SHELAK REKHA MARUTI	Outcome Base Education in NBA Accrediation Program	29/12/23 to 30/12/23	Dept.of Computer Engineering	Jaihind Polytechnic Kuran
8	SHELAK REKHA MARUTI	Faculty development Program(How to write Science Citation Index Paper)	07/08/2023	Dept. of Mechanical Engg. & IQAC	Jaihind College of Engineering Kuran
9	SHELAK REKHA MARUTI	IoTS & Its Applications	04/01/24 to 05/01/24	AISSMS Polytechnic Pune	,AISSMS Polytechnic Pune,
10	SHELAK REKHA MARUTI	CiiA-3 Innovations Exhibition	31/01/24 to 02/02/24	Rotary and Baldev Sharma Marshalls Foundation	Rotary and Baldev Sharma Marshalls Foundation
11	BANKHELE PRIYANKA KETAN	IoTS & Its Applications	4/01/24 to 05/01/24	AISSMS Polytechnic Pune	AISSMS Polytechnic Pune
12	BANKHELE PRIYANKA KETAN	Paper Publication Certificates Program(Survey On Blockchain Technology In Supply Chain System For Identification Of Counterfeit Products)	Year 2023	International Journal of Advance Research and Innovative Ideas In Education	International Journal of Advance Research and Innovative Ideas In Education
13	BANKHELE PRIYANKA KETAN	Python Programming	14/07/23 to 15/07/23	Dept. of Computer and E.Tc. Engg,	Jaihind Polytechnic Kuran
14	SHETE KAJAL BHARAT	Outcome Base Education in NBA Accrediation Program	29/12/23 to 30/12/23	Dept.of Computer Engineering	Jaihind Polytechnic Kuran
15	SHETE KAJAL BHARAT	Android Application Development Program	29/01/24 to 30/01/24	Dept. of Computer Engineering,	SPM Polytechnic Kumathe, Solapur
16	SHETE KAJAL BHARAT	Python Programming	14/07/23 to 15/07/23	Dept. of Computer and E.Tc. Engg.	Jaihind Polytechnic Kuran
17	THORAT PRAJAKTA TANAJI	National Level Faculty Development Program On Cloud Infrastructure	21/08/23 to 25/08/23	Amrutvahini College of Engg,Sangamner	Brainovision Solutions India Pvt Ltd.
18	THORAT PRAJAKTA TANAJI	Outcome Base Education in NBA Accrediation Program	29/12/23 to 30/12/23	Dept.of Computer Engineering	Jaihind Polytechnic Kuran
19	THORAT PRAJAKTA TANAJI	Paper Publication on the topic of Creditguard Sentinel Using Machine Learning and Date Science	Nov-Dec 2023	International Journal of Scientific Reasearch and Engineering Trends (IJSRET)	International Journal of Scientific Reasearch and Engineering Trends (IJSRET)
20	THORAT PRAJAKTA TANAJI	IoTS & Its Applications	4/01/24 to 05/01/24	AISSMS Polytechnic Pune	AISSMS Polytechnic Pune
21	BHALERAO DIPALI NILESH	Outcome Base Education in NBA Accrediation Program	29/12/23 to 30/12/23	Dept.of Computer Engineering	Jaihind Polytechnic Kuran
22	BHALERAO DIPALI NILESH	Python Programming	14/07/23 to 15/07/23	Dept. of Computer and E.Tc. Engg	Jaihind Polytechnic Kuran
23	BHALERAO DIPALI NILESH	National Level Faculty Development Program On Cloud Infrastructure	21/08/23 to 25/08/23	Amrutvahini College of Engg,Sangamner	Brainovision Solutions India Pvt Ltd.
24	BHALERAO DIPALI NILESH	Faculty development Program(How to write Science Citation Index Paper)	07/08/2023	Mechanical Engg. & IQAC	Jaihind College of Engineering Kuran
25	BHALERAO DIPALI NILESH	PHP For Beginners Program	March 2024	Great Learning Academy	Great Learning Academy

26	BHALERAO DIPALI NILESH	Front End Development - HTML	July 2023	Great Learning Academy	Great Learning Academy
27	BHALERAO DIPALI NILESH	Value Education Program (FDP)	11/01/24 to 12/01/24	Unnati Foundation	SPM Polytechnic Kumathe Solapur
28	MAGAR ANUJA SAKHARAM	Outcome Base Education in NBA Accrediation Program	29/12/23 to 30/12/23	Dept.of Computer Engineering	Jaihind Polytechnic Kuran
29	MAGAR ANUJA SAKHARAM	Faculty development Program(How to write Science Citation Index Paper)	07-08-2023	Dept. of Mechanical Engg. & IQAC	Jaihind College of Engineering Kuran
30	MAGAR ANUJA SAKHARAM	Value Education Program (FDP)	11/01/24 to 12/01/24	Unnati Foundation	SPM Polytechnic Kumathe Solapur
31	MAGAR ANUJA SAKHARAM	Paper published on the topic Crediguard Sentinel Using machineLearning and Data science	Nov-Dec 2023	International Journal of Scientific Reasearch and Engineering Trends (IJSRET)	International Journal of Scientific Reasearch and Engineering Trends (IJSRET)
32	MAGAR ANUJA SAKHARAM	IoTS & Its Applications	4/01/24 to 05/01/24	AISSMS Polytechnic Pune	AISSMS Polytechnic Pune
33	MAGAR ANUJA SAKHARAM	National Level Faculty Development Program On Cloud Infrasture	21/08/23 to 25/08/23	Amrutvahini College of Engg,Sangamner	Brainovision Solutions India Pvt Ltd.
34	SHAH DARSHANA SUNIL	Outcome Base Education in NBA Accrediation Program	29/12/23 to 30/12/23	Dept.of Computer Engineering	Jaihind Polytechnic Kuran
35	AUTI PRAKASH VASANT	Value Education Program (FDP)	11/01/24 TO 12/01/24	Unnati Foundation	SPM Polytechnic Kumathe Solapur
36	AUTI PRAKASH VASANT	Opportunities and Challenges in OBE	01/24 TO 02/02/24	Dept. of Automobile Engg.	Ashokrao Mane Polytechnic Kolhapur
37	SHINDE PRIYANKA TANHAJI	Outcome Base Education in NBA Accrediation Program	29/12/23 to 30/12/23	Dept.of Computer Engineering	Jaihind Polytechnic Kuran
38	SHINDE PRIYANKA TANHAJI	Value Education Program (FDP)	11/01/24 TO 12/01/24	Unnati Foundation	SPM Polytechnic Kumathe Solapur
39	KOKANE MEGHA GANESH	Outcome Base Education in NBA Accrediation Program	29/12/23 to 30/12/23	Dept.of Computer Engineering	Jaihind Polytechnic Kuran
40	KOKANE MEGHA GANESH	Python Programming	14/07/23 to 15/07/23	Dept. of Computer and E.Tc. Engg.	Jaihind Polytechnic Kuran
41	KOKANE MEGHA GANESH	Value Education Program (FDP)	11/01/24 TO 12/01/24	Unnati Foundation	SPM Polytechnic Kumathe Solapur
42	JADHAV ANKITA ASHOK	Value Education Program (FDP)	11/01/24 TO 12/01/24	Unnati Foundation	SPM Polytechnic Kumathe Solapur

Faculty Achievement

Patent Application Publication

Name of Faculty	Title of Invention	Application Filing Date
Prof. Rekha M. Shelake	“Artificial Intelligence-Power Chatbot for Customer Service”	07/09/2023
Prof. Kajal B. Shete	“Artificial Intelligence-Power Chatbot for Customer Service”	07/09/2023

Students Achievements

Dalvi Sanskruti student of Second year Computer engg, Jaihind Polytechnic **won 1st prize** in State Level **C coding** competition organized by **Amrutvahini Polytechnic, Sangamner** on date **13/3/2024**



Gunjal Mansi student of Second year Computer engg, Jaihind Polytechnic **won 2nd prize** in **Newsletter-Department of Computer Engineering 2023-24**

State Level **C coding** competition organized by Amrutvahini Polytechnic, Sangamner on date 13/3/2024.



Pranjal Solat student of **third year** computer won Silver Medal in State Level sport competition **Triple Jump** sport organized by IEDSSA



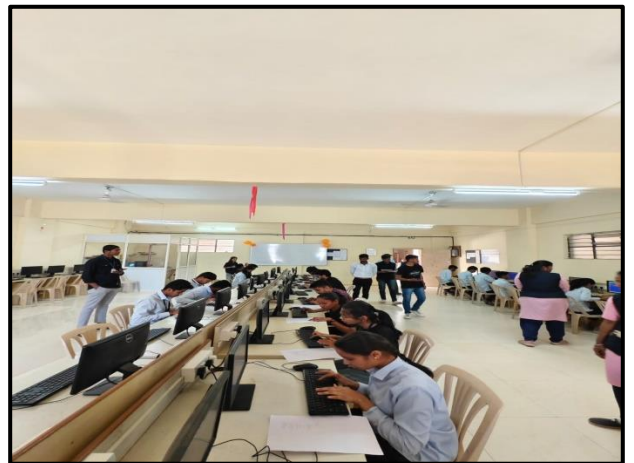
Bhor Kalyani Kisan student of third year Computer Engineering department got 3rd prize in State Level Samarth Technical Festival 2k24 Poster Presentations.

Newsletter-Department of Computer Engineering 2023-24



Co-curricular Activities

TECHNOLOPHILIA 2K24-Code Builder



Extra-Curricular Activities

Zonal Sports-D1 Zone IEDSSA Achievements

- Runner-up Team in Kho-Kho



- Runner-up Team in Basket-Ball



- Winner Team in Volleyball



- Runner-up Team in Chess/Carrom



- **Runner-up Team in Badminton**







- **Winner in Weightlifting**





Examination Topper (Winter 2023)

Department of Computer Engineering

Winter 2023 Examination Topper List (AY 2023-24)

Course	Rank	Photo	Name of the Candidate	Marks Obtained	Out of	%
FYCO	1		SHETE SHREYA SANDIP	764	850	89.88
	2		NALAWADE SIDDHI SUDHIR	742	850	87.29
	3		BELHEKAR TANMAYI GANESH	741	850	87.18
SYCO	1		DALVI SANSKRUTI SUNIL	728	750	97.07
	2		HANDE SAKSHI MANIK	719	750	95.87

	2		HANDE YASHRAJ DINESH	719	750	95.87
	3		DONGARE TANVI SANJAY	712	750	94.93
TYCO	1		KHATATE ADNEYA MAHENDRA	830	900	92.22
	2		GARIBE YASH MAHESH	827	900	91.88
	3		GAIKWAD SWATI ASHOK	824	900	91.56

THANKS