

JCEI's Jaihind Polytechnic, Kuran



Computer Engineering

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VISION

TO ENHANCE SKILLS IN STUDENTS AT THE DIPLOMA LEVEL THROUGH VALUE-BASED TECHNICAL EDUCATION, CONTRIBUTING TO THE COUNTRY'S PROGRESS IN THE FIELD OF COMPUTER ENGINEERING.

MISSION

M1: TO IMPART HIGH STANDARD TECHNICAL EDUCATION IN ALL ASPECTS OF COMPUTER ENGINEERING.

M2: TO DEVELOP BETTER CHARACTER DRIVEN EDUCATION THROUGH TEACHING SYSTEM.

M3: TO CULTIVATE CAPABLE AND EFFICIENT TECHNICAL TALENTS.

M4: TO DEVELOP WELL SKILLED AND EQUIPPED STUDENTS FOR THE DEMANDS OF THE INDUS

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 centre 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 of 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: “Identifying Market Gaps : How to Spot Opportunities for Your Software Project”
- 2) Name of Guest: Mr. Dilip Singh (CEO, Innovatus Technologies, Pune)
- 3) Date: 01 Aug 2024



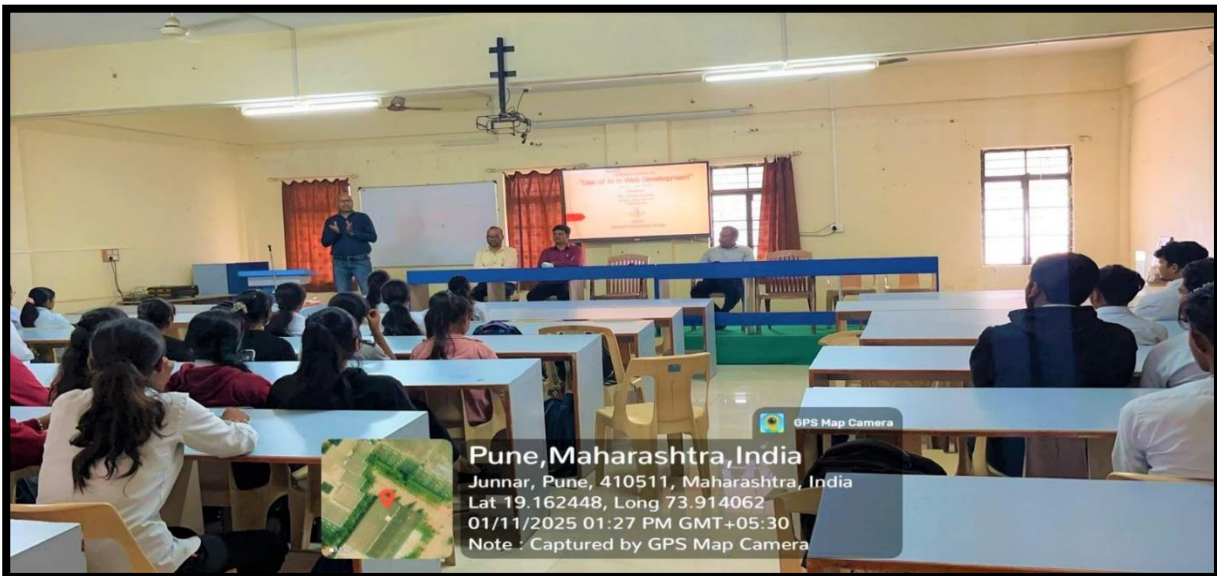
Expert Lecture No.:-2

- 1) Name of Topic: “Artificial Intelligence Fundamental “
- 2) Name of Guest : Mr. Ketan Sathe (IPTA, Pratham InfoTech, Pune)
- 3) Date: 10 January 2025



Expert Lecture No.:-3

- 1) Name of Topic: "Use of AI in Web Development"
- 2) Name of Guest : Mr. Yuvraj Hande
- 3) Date: 11 January 2025



Expert Lecture No.:-4

- 1) Name of Topic: "Career Opportunities in Data Science"
- 2) Name of Guest : Mr. Atharva Shinde (Android Developer at ProAzure Software Solution Pvt.Ltd)
- 3) Date: 17 March 2025



Personality Development Activity

Activity No.:-1

1) Name of Topic: "Digital Detox"

2) Name of Guest: B. K. Manisha Didi, B. K. Sapna Didi, B. K. Roshni Didi

3) Date: 11 January 2025



Industrial Visit

1. Company Name: Maya Academy of Advanced Creativity, J. M. Road, Shivajinagar, Pune

Date: 25/02/2024

Name of Staff: Mr. Jadhav V. V., Mr. Dumbare S.B., Ms. Dumre S.P., Mrs. Lonare S.B., Ms. Magar A.S.

No. of Students: 64 (SY)



2. Company Name: GMRT Observatory, Khodad

Date: 28/02/2025

Name of Staff: Ms. Shah D.S., Mrs. Bankhele P.K., Mrs. Kokane M.G. Mr. Badhe M.S.

No. of Students: - (TY)



3. Company Name: Sumago Infotech, Nashik

Date: 20/03/2025

Name of Staff: Mr. Jadhav V. V., Ms. Magar A.S., Ms. Shah D.S.,

No. of Students: - 70(TY)



Workshop

Workshop No:-1

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

Date: 15/10/2024 to 17/10/2024

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



Workshop No:-2

Name of Workshop: "Cloud Computing and AWS Services"

Date: 17/02/2025 to 18/02/2025

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



Faculty Development Program:1

Name of Event: FDP On "Road Map to NBA Accreditation"

Date: 11-02-2025 to 12-02-2025

Participants: 60

Conducted By: Dr. Ganesh Jorvekar (HOD of Computer Technology, Sanjivani K.B.P. Polytechnic, Kopargaon)

Mr. Sandip Patil (Sanjivani K.B.P. Polytechnic, Kopargaon)



Teachers Day Celebration

Venue: Computer Department Seminar Hall

Date: 05-09-2024

Time: 03:30 PM - 04:30 PM



Woman's Day Celebration

Venue: Computer Department Seminar Hall

Date: 08-03-2025

Time : 03:30 PM - 04:30 PM



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	Curriculum Development	03/03/2025- 07/03/2025	Maharashtra State Board of Technical Education ,Mumbai	Maharashtra State Board of Technical Education ,Mumbai
2	JADHAV VINAYAK VENKYAT	Road Map to NBA Accreditation	11/02/2025- 12/02/2025	Dept. of Computer Engineering	Jaihind Polytechnic Kuran
3	JADHAV VINAYAK VENKYAT	Data Analytics	28/08/2024- 30/08/2024	Dept. of Information Technology	Shivajirao s. Jondhale Polytechnic,Asangon
4	AUTI PRAKASH VASANT	Road Map to NBA Accreditation	11/02/2025- 12/02/2025	Dept. of Computer Engineering	Jaihind Polytechnic Kuran
5	AUTI PRAKASH VASANT	NBA Awareness	27/01/2025- 31/01/2025	Dept. of Mechanical Engineering	D.Y .Patil School of Engg.(Polytechnic), Charholi
6	AUTI PRAKASH VASANT	Artificial Intelligence & Machine Learning in Industry	18/10/2024- 19/10/2024	Dept. of Mechanical Engineering	SPM Polytechnic,Kumathe,Solapur
7	BANKHELE PRIYANKA KETAN	Road Map to NBA Accreditation	11/02/2025- 12/02/2025	Dept. of Computer Engineering	Jaihind Polytechnic Kuran
8	SHETE KAJAL BHARAT	Reserch Methodology,Patent & Publications(RMPP)	23/12/2024- 28/12/2024	Dept. of Computer Engineering	Shri Chhatrapati Shivaji Maharaj Clg. Of engg. Nepti,A.Nagar
9	SHETE KAJAL BHARAT	UI/UX Design :Bridging Creativity and Usability	14/12/2024- 15/12/2024	Dept. of Computer Engineering	Mahavir Polytechnic ,Nashik

10	DUMBRE SANKALP BAJARANG	Road Map to NBA Accreditation	11/02/2025- 12/02/2025	Dept. of Computer Engineering	Jaihind Polytechnic Kuran
11	DUMBRE SANKALP BAJARANG	NBA Awareness	27/01/2025- 31/01/2025	Dept. of Mechanical Engineering	D.Y .Patil School of Engg.(Polytechnic), Charholi
12	DUMBRE SANKALP BAJARANG	UI/UX Design :Bridging Creativity and Usability	14/12/2024- 15/12/2024	Dept. of Computer Engineering	Mahavir Polytechnic ,Nashik
13	DUMBRE SANKALP BAJARANG	Data Analytics	28/08/2024- 30/08/2024	Dept. of Information Technology	Shivajirao s. Jondhale Polytechnic,Asangon
14	SHELAKE REKHA MARUTI	Road Map to NBA Accreditation	11/02/2025- 12/02/2025	Dept. of Computer Engineering	Jaihind Polytechnic Kuran
15	SHELAKE REKHA MARUTI	NBA Awareness	27/01/2025- 31/01/2025	Dept. of Mechanical Engineering	D.Y .Patil School of Engg.(Polytechnic), Charholi
16	SHELAKE REKHA MARUTI	Reserch Methodology,Patent & Publications(RMPP)	23/12/2024- 28/12/2024	Dept. of Computer Engineering	Shri Chhatrapati Shivaji Maharaj Clg. Of engg. Nepti,A.Nagar
17	SHINDE PRIYANKA TANHAJI	Road Map to NBA Accreditation	11/02/2025- 12/02/2025	Dept. of Computer Engineering	Jaihind Polytechnic Kuran
18	SHINDE PRIYANKA TANHAJI	Artificial Intelligence & Machine Learning in Industry	18/10/2024- 19/10/2024	Dept. of Mechanical Engineering	SPM Polytechnic,Kumathe,Solapur
19	KOKANE MEGHA GANESH	Road Map to NBA Accreditation	11/02/2025- 12/02/2025	Dept. of Computer Engineering	Jaihind Polytechnic Kuran
20	BHALERAO DIPALI NILESH	Advance in Engineering & Technology	10/02/2025- 14/02/2025	Dept. of Mechanical Engineering	Vishwa Bharati Academy's clg of Engg. Ahilyanagar
21	BHALERAO DIPALI NILESH	Road Map to NBA Accreditation	11/02/2025- 12/02/2025	Dept. of Computer Engineering	Jaihind Polytechnic Kuran

22	BHALERAO DIPALI NILESH	NBA Awareness	27/01/2025- 31/01/2025	Dept. of Mechanical Engineering	D.Y .Patil School of Engg.(Polytechnic),Charholi
23	BHALERAO DIPALI NILESH	Reserch Methodology,Patent & Publications(RMPP)	23/12/2024- 28/12/2024	Dept. of Computer Engineering	Shri Chhatrapati Shivaji Maharaj Clg. Of engg. Nepti,A.Nagar
24	MAGAR ANUJA SAKHARAM	Road Map to NBA Accreditation	11/02/2025- 12/02/2025	Dept. of Computer Engineering	Jaihind Polytechnic Kuran
25	MAGAR ANUJA SAKHARAM	Data Analytics of Smart Mobality	03/02/2025- 08/02/2025	Dept. of Information Technology	College Of Engineering & Technology
26	MAGAR ANUJA SAKHARAM	NBA Awareness	27/01/2025- 31/01/2025	Dept. of Mechanical Engineering	D.Y .Patil School of Engg.(Polytechnic),Charholi
27	MAGAR ANUJA SAKHARAM	Reserch Methodology,Patent & Publications(RMPP)	23/12/2024- 28/12/2024	Dept. of Computer Engineering	Shri Chhatrapati Shivaji Maharaj Clg. Of engg. Nepti,A.Nagar
28	BADHE MAYUR SURESH	Road Map to NBA Accreditation	11/02/2025- 12/02/2025	Dept. of Computer Engineering	Jaihind Polytechnic Kuran
29	SHAH DARSHNA SUNIL	Road Map to NBA Accreditation	11/02/2025- 12/02/2025	Dept. of Computer Engineering	Jaihind Polytechnic Kuran
30	SHAH DARSHNA SUNIL	NBA Awareness	27/01/2025- 31/01/2025	Dept. of Mechanical Engineering	D.Y .Patil School of Engg.(Polytechnic), Charholi
31	CHAUDHARI GITA CHANDRAKANT	Artificial Intelligence & Machine Learning in Industry	18/10/2024- 19/10/2024	Dept. of Mechanical Engineering	SPM Polytechnic,Kumathe,Solapur
32	GANJAVE DEEPALI BABAN	AI,ML,& Data Science	24/02/2025- 28/02/2025	Maharashtra State Board of Technical Education ,Mumbai	Maharashtra State Board of Technical Education ,Mumbai
33	GANJAVE DEEPALI BABAN	Road Map to NBA Accreditation	11/02/2025- 12/02/2025	Dept. of Computer Engineering	Jaihind Polytechnic Kuran

34	GANJAVE DEEPALI BABAN	Reserch Methodology,Patent & Publications(RMPP)	23/12/2024- 28/12/2024	Dept. of Computer Engineering	Shri Chhatrapati Shivaji Maharaj Clg. Of engg. Nepti,A.Nagar
35	GANJAVE DEEPALI BABAN	Artificial Intelligence & Machine Learning in Industry	18/10/2024- 19/10/2024	Dept. of Mechanical Engineering	SPM Polytechnic,Kumathe,Solapur
36	LONARE SUCHETA BHARAT	Road Map to NBA Accreditation	11/02/2025- 12/02/2025	Dept. of Computer Engineering	Jaihind Polytechnic Kuran
37	LONARE SUCHETA BHARAT	Data Analytics of Smart Mobality	03/02/2025- 08/02/2025	Dept. of Information Technology	College Of Engineering & Technology
38	LONARE SUCHETA BHARAT	NBA Awareness	27/01/2025- 31/01/2025	Dept. of Mechanical Engineering	D.Y .Patil School of Engg.(Polytechnic), Charholi
39	LONARE SUCHETA BHARAT	UI/UX Design :Bridging Creativity and Usability	14/12/2024- 15/12/2024	Dept. of Computer Engineering	Mahavir Polytechnic ,Nashik
40	DUMBRE SAYLI PRASHANT	Road Map to NBA Accreditation	11/02/2025- 12/02/2025	Dept. of Computer Engineering	Jaihind Polytechnic Kuran
41	DUMBRE SAYLI PRASHANT	Reserch Methodology,Patent & Publications(RMPP)	23/12/2024- 28/12/2024	Dept. of Computer Engineering	Shri Chhatrapati Shivaji Maharaj Clg. Of engg. Nepti,A.Nagar
42	DUMBRE SAYLI PRASHANT	UI/UX Design :Bridging Creativity and Usability	14/12/2024- 15/12/2024	Dept. of Computer Engineering	Mahavir Polytechnic ,Nashik
43	DUMBRE SAYLI PRASHANT	Fundamentals of cloud Computing and Emerging Trends with Cloud Technology	23/09/2024- 28/09/2024	Dept. of Computer Engineering	Sahyadri Valley College of Engineering & Technology
44	BHUMKAR BHAKTI DNYANESHWAR	Road Map to NBA Accreditation	11/02/2025- 12/02/2025	Dept. of Computer Engineering	Jaihind Polytechnic Kuran
45	BHUMKAR BHAKTI DNYANESHWAR	Enhancing Knowledge of IKS in Mathematics	26/12/2024- 28/12/2024	Dept.of Science & Humanities	Rajarambapu Institute of Technology, Rajaramnagar

Students Achievements

- **Competition: Ideathon**

Participants : Hande Yashraj Dinesh, Hande Sakshi Manik, Krushnarth Chavan

Location : Jaihind College of Engineering, Kuran

Achievement : 2nd prize & Trophy

Date : 13-08-2024



- **Competition: Poster Presentation**

Participant : Hande Yashraj Dinesh, Hande Sakshi Manik, Krushnarth Chavan

Location : Jaihind College of Engineering, Kuran

Achievement : 2nd prize & Trophy

Date : 16-08-2024



- **Competition: AI Powered Codex**

Date of Event : 07-10-2024

Location : JCEI'S Jaihind Polytechnic, Kuran

1st Rank : Om Ajit More, Pankaj Dipak Bhor

2nd Rank : Manasi Pravin Gunjal, Sanskruti Sunil Dalavi

3rd Rank : Prajwal Vijay Shingare, Swaroop Bajirao Sarjine



- **Competition: Project Competition "PROJECT EXPO-2K25"**

Participant : Sanskruti Dalavi, Shravani Hinge, Manasi Gunjal, Samiksha Khandagale

Date of Event : 02-03-2025

Location : JCEI'S Jaihind Polytechnic, Kuran

Achievement : 2nd Rank



- **Competition: Project Competition “AMRUT FEST 2K25”**

Participant : Sanskruti Dalavi, Shravani Hinge

Date of Event : 21-03-2025

Location : Amrutvahini Polytechnic, Sangamner



Co-curricular Activities

Induction Program 2024

Location : JCEI'S Jaihind Polytechnic, Kuran

Date : 20-08-2024 to 24-08-2024



TECHNOLOPHILIA 2K24-25---AI Powered Codex

Location : JCEI'S Jaihind Polytechnic, Kuran

Event Date : 07-10-2024



A State Level Project Competition “PROJECT-EXPO 2K25”

Location : JCEI'S Jaihind Polytechnic, Kuran

Event Date : 02-03-2025



Extra-Curricular Activities

InterZonal IEDSSA Sports Achievements

Location : Sanjivani K.B.P. Polytechnic, Kopergaon

Winner team in Volleyball Girls

Date : 04-03-2025

Co-ordinator : Ms Shete K.B., Mr. Abuj D.K.



Location : Rajgad Dnyanpeeth Technical Campus, Bhor

Om Ajit More Winner in Weightlifting

Co-ordinator : Mr. Benke V.G., Mr. Harshal Ranpise



Zonal Sports-D1 Zone IEDSSA Achievements

Location: Ajeenkya DY Patil Lohgaoan

Runner up in Carrom

Date: 30-01-2025

Co-ordinator : Ms. Gauri Dhole

Participants: Gaikwad Sakshi, Kurkute Shruti, Jundare Anushka, Patare Arya, Vishwe Archana



Location : Samarth Polytechnic, Belhe

Winner team in Kabbadi Girls

Date : 21-01-2025

Co-ordinator : Mrs. Kokane M.G., Mr. Kanade K.A.



Location : Ramchandra Polytechnic, Lonikand

Runner up team in Cricket Boys

Co-ordinator : Mr. Mangesh Jadhav. Mr. Harshal Ranpise



Location : Jaihind Polytechnic, Kuran

Winner team in Volleyball Girls

Date : 13/02/2025

Co-ordinator : Ms Shete K.B.



Location : Samarth Polytechnic, Belhe

Winner team in Athletics

Date : 25-01-2025

Co-ordinator : Mr. Dumbre S.B. , Mrs. Gighe S. K.



Location : Zeal Polytechnic, Narhe

Runner up team in Football

Date : 31-01-2025






Co-ordinator : Mr. Bhor A.S.







MSBTE Examination Topper

Department of Computer Engineering

Winter 2024 Examination Topper List (AY 2024-25)

Course	Rank	Photo	Name of the Candidate	Marks Obtained	Out of	%
FYCO	1		DANGAT SARTHAK NITIN	751	850	88.35
	2		GIDE SAIL SUBHASH	747	850	87.88
	3		AUTI SANSKAR PRAKASH	741	850	87.18
SYCO	1		SHETE SHREYA SANDIP	783	850	92.12
	2		NALAWADE SIDDHI SUDHIR	782	850	92

	3		SHELAR AVANTI AVINASH	780	850	91.77
TYCO	1		HANDE YASHRAJ DINESH	864	900	96
	2		DALVI SANSKRUTI SUNIL	861	900	95.67
	3		HANDE SAKSHI MANIK	858	900	95.33

THANKS