STAR
RATING
INSTITUTE

**16 Years of
Academic Excellence**

ISO

MSBTE

SSPM

Late. Jaywantrao Bhosale

Since 2009

S. S. P. M.'s

JAYWANT

COLLEGE OF ENGINEERING & POLYTECHNIC

INSPIRE • VALUES • SUCCESS

JCEP

Recognised by AICTE New Delhi, DTE Mumbai, Affiliated to
Dr. Babasaheb Ambedkar Technological University, Lonere & MSBTE Mumbai
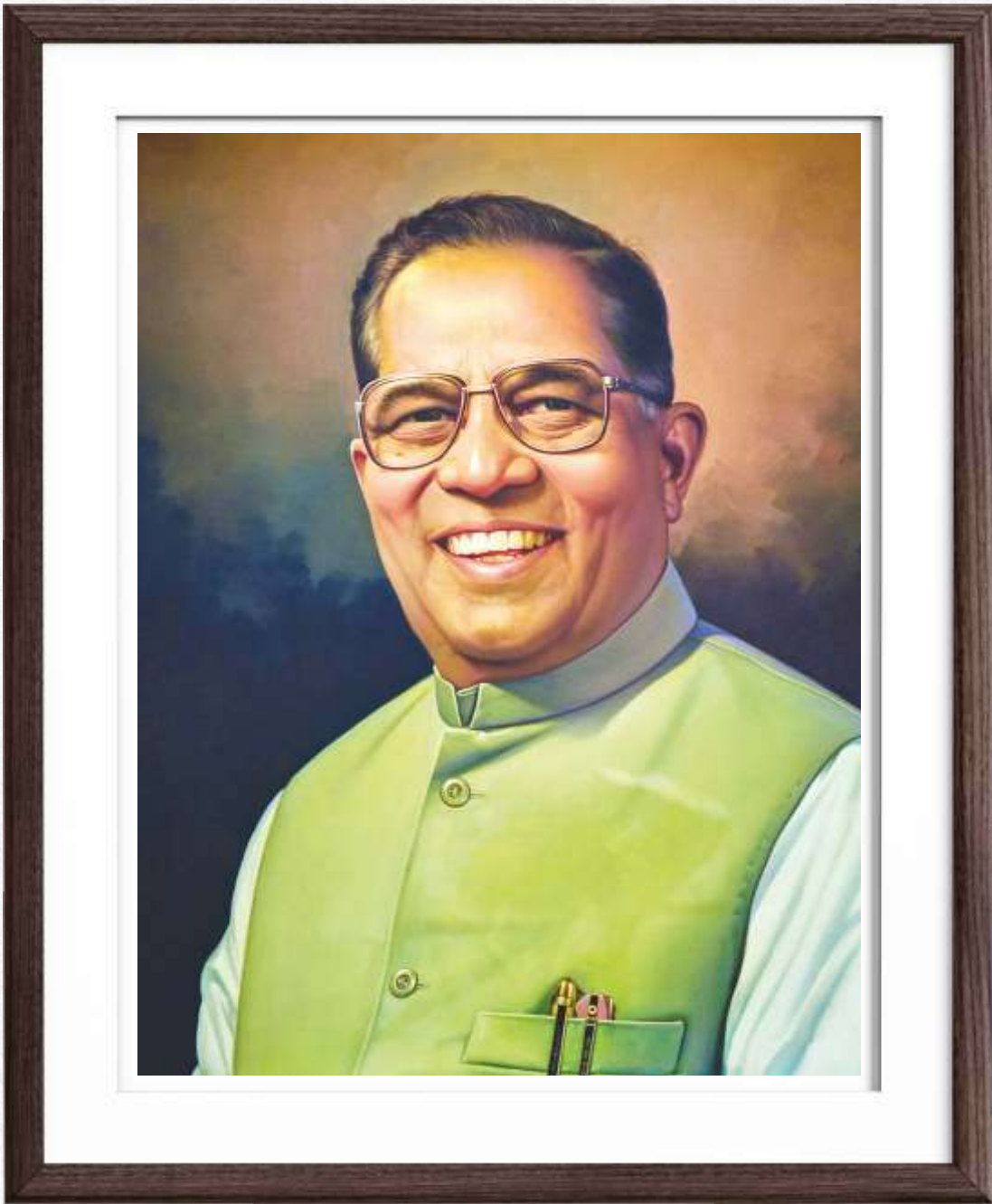
ISO - 9001:2015 CERTIFIED INSTITUTE

Institute Code EN 6313

"Transforming Ideas into Reality"

CONTENT

Our Inspiration

HON. LATE JAYWANTRAOJI BHOSALE (Appasaheb)

Founder, Krishna Charitable Trust, Karad
Chancellor, Krishna Institute of Medical Sciences University, Karad
Founder Chairman, Shetakari Shikshan Prasarak Mandal, Rethare Bk.

Hon. Dr. SURESH (Baba) BHOSALE
M.S. (Gen. Surgery)
Chairman, Shetkari Shikshan Prasarak Mandal, Rethare Bk.

CHAIRMAN DESK

The Sahakar Maharshi , Late. Shri. Jaywantraoji Bhosale, visualized and concluded that the education system has to be a powerful instrument of social, economic and cultural transformation necessary for the development of Rural India. His dream was to develop an education system that would increase national productivity, achieve social & national integration, accelerate the process of modernization and cultivate social, moral and spiritual values. Since its inception, Shetkari Shikshan Prasarak Mandal, (SSPM) has always strived to contribute the cause of rural India.

At this glance, especially in this era of competition in every sphere of life, developing country like ours needs to be at the fore-front of technological innovation. It is essential to attract Engineering professional with world class technical skills to make a significant impact. Since the year 2009, the College has proven itself to be one of the best institutes in the state and this is abundantly reflected in the success of its students in academics.

Considering the long-term goal of the institute, it is our firm belief that the research activities also have to be given a major thrust & all efforts are being made to nurture the same. Proactive efforts are also being made to enhance the teaching learning process in the institute.

During these Sixteen years, we reiterate our commitment to our cause of creating engineers with not just excellent knowledge, but with a keen sense of social responsibility and consciousness towards the challenges being faced by the country and the rest of the world. Our Country's youth are its greatest asset and we shall continue to nurture this valuable resource in the years to come. Best wishes and warm regards!

MESSAGE FROM TRUSTEE

Hon. Dr. ATULBABA BHOSALE
MLA, Karad South & Managing Trustee,
Shetakari Shikshan Prasarak Mandal, Rethare Bk.

Dear Students, We welcome you to Jaywant College of Engineering and Polytechnic Rethar Bk, Our parent Trust, "Shetakari Shikshan Prasarak Mandal" was established by Late Hon'ble Shri Jaywantrao Bhosale (Appasaheb). Our vision and mission has been to transform rural education system and provide exposure to new opportunities to all the upcoming generations.

Jaywant College of Engineering and Polytechnic, JCEP has been established with a vision to become a leading Engineering Institute in the rural area & make the youth of India globally competent to take on the challenges with ever-expanding fields of technology. The only & only focus of our college is to educate students with our well-versed & proficient faculties using the cutting-edge infrastructure. Since its inception, JCEP has laid a lot of emphasis on quality education. We have devised and launched an in-house network for quality assurance, that relentlessly ranks & keeps an eye on the quality of teaching is being imparted to the students.

We groom & coach every student in a way that they can "blend in" with the corporate world with their great confidence and conceptual clarity. We take pride having a team of dedicated and competent staff members is crucial for providing the best possible education to students. It's also commendable that we focus on staying updated with the latest trends and technologies to ensure that we continue provide high quality education continuous learning and improvement are key elements in staying relevant and effective in any field. The dream is not only to make the students eligible but also to structure them for the industry. Giving them practical exposure to successfully 'fit-in' in their destined job profiles.

We wish our students all the best to outshine and emerge as masters & ground breakers in their chosen lines of careerism.

Dr. VINOD BABAR
Principal Advisor,
Shetkari Shikshan Prasarak Mandal, Rethare Bk.

We are taking constant efforts to give maximum output to our students. Our main aim is to provide quality education to the students. We are giving the best platform to the students of rural area to accept the diversified challenges of present corporate world.

Hence, I extend my best wishes to you all for future successful professional career. Jaywant College of Engineering & Polytechnic aims at bringing out a leader, globally competent, innovative and geared to drive the future, out of each student enrolled. To achieve this objective the institute has strategically fortified its position as a pioneer in educational technology, designed in demand of technical programs and curriculum, has brought in a team of competent, renowned and dedicated staff. State-of-the art facilities such as well equipped digital research labs and secure wireless network access been provided to all students and staff from any location in the Tech campus.

The rapid development in the field of technology has accelerated the demand for value based engineering education which is qualitative, progressive, multidimensional and globally competitive. We give the students an ideal learning environment through interactive class–room teaching, tutorials, lab practical's, industrial visits and lectures by industry experts for the industrial exposure of students. Persistent efforts are being made by our placement team to place our students in encouraging and respectable positions in the industry.

I wish best of luck to all the students of this institute for their bright future.

Prof. (Dr.) ANANTKUMAR GUJAR
Principal,
Jaywant College of Engineering and Polytechnic, K.M.Gad

I am delighted to welcome you to the Jaywant College of Engineering and Polytechnic. I hope to convey the passion and enthusiasm that both staff and students bring to you, and all that they do here, making Jaywant College of Engineering and Polytechnic, a wonderful place to learn

It is found that the institution has achieved so many feathers to its crown during the last few years. The efforts taken by the Principal, Faculty, Staff and Students to reach this success are commendable. Hope the success sustains. As the Principal of JCEP, I am proud of the changes and achievements of the Institution. In the days to come it will act as a game changer for the Institution by helping the students in the professional and personal development.

I wish you a very happy and academically highly rewarding student life at JCEP and hope that you will enhance the pride and prestige of this esteemed Institution. We are determined to retain this level of superiority already in command and improve further in every sphere of academic activities including research orientation and overall development of the students. The professional involvement of the staff in different academic activities reflected the heights of knowledge to meet the challenges in the technical world.

The College has a rich tradition of soaring high with academic excellence and overall personal growth of the students. The purpose of education is to teach our students to think and develop a capacity to reason out facts and this is achieved by providing them excellent academic environment, state of-the-art infrastructure, state-of-the-art laboratories and dedicated and highly qualified faculty members with decades of teaching and industrial experience. Jaywant College of Engineering and Polytechnic is challenging and yet exhilarating place to learn. I would warmly welcome you to come and visit the college, to experience all that Jaywant College of Engineering and Polytechnic has to offer. Let us together tab the depths of the ocean and explore the universe through the Wings of knowledge and Power of Innovation. This empowerment will imbibe an attitude akin to a positive and proactive thinking.

PRINCIPAL DESK

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About
Shetkari Shikshan
Prasarak Mandal
(SSPM)

Shetakari Shikshan Prasarak Mandal : A Vision for Rural Empowerment Through Education

Hon. Jaywantraoji Bhosale (Appasaheb) recognized the urgent need for quality education among the rural population and firmly believed that education is the most effective medium to transform rural society. With this noble aspiration, he established the **Shetakari Shikshan Prasarak Mandal** in 1962. The primary objective of this organization is to provide high-quality education to rural communities—especially the children of farmers, workers, and residents of villages located along the banks of the Krishna River, covering the Karad, Walwa, and Kadegaon talukas.

The Mandal runs several esteemed educational institutions, including:

• **Chhatrapati Sambhaji High School (Primary & Secondary) at Shivnagar**

• **Sou. Tarabai Mohite Vidyalaya at Rethare Bk**

• **Krishna Mahavidyalaya at Shivnagar (Junior and Senior Sections)**

• **Jaywant College of Engineering and Polytechnic, Kille Machhindragad**

• **Jaywant Institute of Medical Sciences and Research Center**

This wide range of institutions reflects the Mandal's commitment to holistic and inclusive education, making it a truly unique and impactful educational organization.

S. S. P. M.'s
JAYWANT
COLLEGE OF ENGINEERING & POLYTECHNIC

Jaywant College of Engineering and Polytechnic, Killemachindra Gad is established by Dr. Atul Bhosale, under the esteem guidance of well known Oncologist and Vice Chancellor of Krishna Institute of Medical Sciences, Deemed to be University, Hon'ble Dr. Suresh Bhosale in 2009.

The land owes tribute to the leader, who had brought changes in economic reforms, social awareness, life style changes, prosperity and progress in the lives of people through his dynamic leadership. He believes that to get rid of the darkness, education is the sole tool, so strongly lead an initiative to set up schools and colleges with the global perspective and modern standards that fulfills the requirements of future needs.

Jaywant College of Engineering and Polytechnic is the state of the art technical Institute spread across vast expanse of space in the picturesque and serene land of prospering Jaywantnagar near Krishna sugar factory (YMKSSK) Rethare Bk. Every single thing minutely defines spirit and tradition of the group and the people who dream to make it big for the land and industry.

Vision :

To emerge as an institution of eminence following an interdisciplinary, innovative and entrepreneurial approach to produce competent technocrats who would give affordable engineering solutions for the benefit of society.

Mission :

•To inculcate strong ethical, moral values and inclusivity in students to work in team for sustainable development.

•To establish research clusters in emerging areas in collaboration with reputed interdisciplinary organizations.

•To provide quality engineering solution to the needy and bring about holistic development in the adjoining rural areas.

•To develop engineering graduates for an employability entrepreneurship and higher education through effective teaching, learning, and training.

Features of our Institute

Well-equipped Laboratories & Smart Classrooms

Dedicated Training & Placement Cell

Strong Industry & Academic Collaborations

Focus on Innovation, Research, & Entrepreneurship

Active Student Clubs & Extracurricular Engagement

Safe and Supportive Campus Environment

CERTIFICATE

Institution's Innovation Council (IIC) established at

Jaywant College of Engineering & Polytechnic, Sangli

had undertaken various activities prescribed by Innovation Cell, Ministry of Education, Govt. of India to promote Innovation and Start-up in campus during the IIC calendar year 2023-24.

Prof. TG Sitharam
Chairman
Aicte

Dr. Abhay Jere
Chief Innovation Officer
MOE, Innovation Cell

Mr. Dipan Sahu
Assistant Innovation Director
MOE, Innovation Cell

Certificate No : 21396

Issued On : 2025-01-16

003676   415302/JCEP/CS

The Institution of Engineers (India)

is pleased to establish Students' Chapter at the

Department of Computer Science & Engineering

Jaywant College of Engineering and Polytechnic

Killemachindragad, Maharashtra

Issued on : 11 Jun 2024
Valid up to : 10 Jun 2025

SECRETARY & DIRECTOR GENERAL

IM 3046

FOUNDED 1968

Devoted to promotion of quality and standards in technical education

THE INDIAN SOCIETY FOR TECHNICAL EDUCATION

By this Certificate warrants that

Jaywant College of Engineering and Polytechnic, K.M.Gad, Tal- Walwa, Dist- Sangli

Was duly admitted by the Executive Council as

INSTITUTIONAL MEMBER

of the Society and is fully entitled to all the privileges granted by the constitution and bye-laws

February 2022

EXECUTIVE SECRETARY

S. S. P. M.'s

JAYWANT

COLLEGE OF ENGINEERING & POLYTECHNIC

INSPIRE • VALUES • SUCCESS

ACADEMIC PILLERS OF
JAYWANT COLLEGE OF ENGINEERING & POLYTECHNIC, K.M.GAD

Prof. (Dr.) A. J. Gujar
Principal

Prof. M.A. Natu
Vice Principal

Dr. Shailaja Patil
Dean
IQAC

Dr. A.P. Bhosale
HOD
Mechanical Engineering

Dr. S. P. Patil
HOD
Civil Engineering

Prof. M.J. Deshmukh
HOD
Electrical Engineering

Prof. A.N. Patil
HOD
Computer Engineering

Prof. Z.V. Patil
HOD
E&TC Engineering

Prof. S.N. More
HOD
GSH Engineering

Prof. J.B. Jadhav
HOD
GSH Polytechnic

Prof. S. N. More
HOD
Mechanical Polytechnic

Prof. A.K. Gargate
HOD Computer
Polytechnic

Prof. K. M. Jujar
HOD Electrical
Polytechnic

Prof. P.A. Yadav
HOD
E&TC Polytechnic

Prof. P. S. Chavan
HOD Civil
Polytechnic

Mrs. Y.M. Jambhale
Librarian

Prof. Umesh Ghorpade
Training &
Placement Officer

Prof. S.A. Khalkar
Admission Incharge

Prof. S.R. Kadam
Computing Facility
Incharge

Prof. B.M. Mohite
Examination
Co-Ordinator

Prof. V.U. Chavan
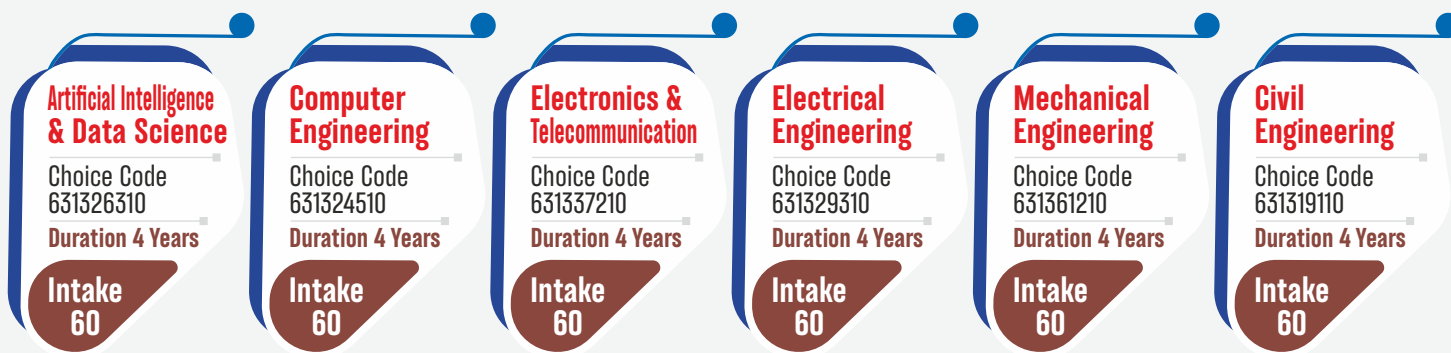NSS Incharge

Prof. N.S. Pisal
Alumni Incharge
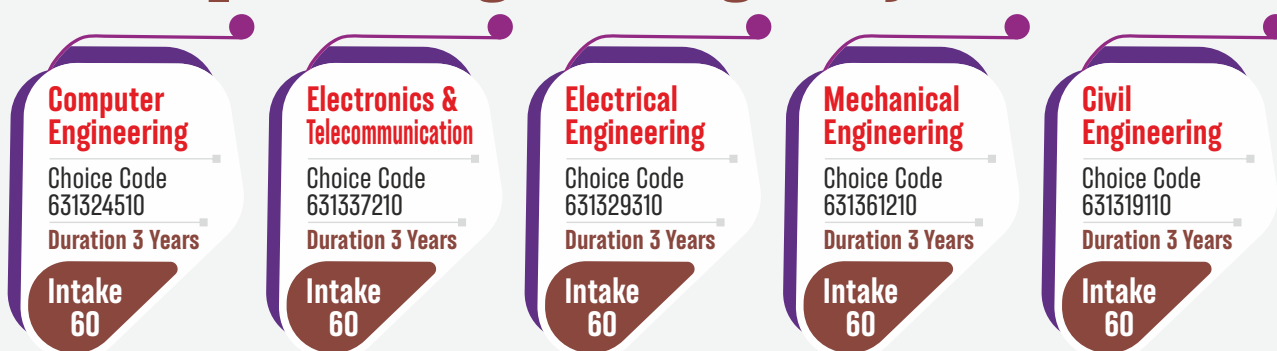
Dr. T.M. Attar
Cultural
Coordianator

S.G. Dalavi
IIC
Coordinator

Programmes offered
B.Tech (Bachelor of Technology)

Artificial Intelligence & Data Science
Choice Code
631326310
Duration 4 Years
Intake 60

Computer Engineering
Choice Code
631324510
Duration 4 Years
Intake 60

Electronics & Telecommunication
Choice Code
631337210
Duration 4 Years
Intake 60

Electrical Engineering
Choice Code
631329310
Duration 4 Years
Intake 60

Mechanical Engineering
Choice Code
631361210
Duration 4 Years
Intake 60

Civil Engineering
Choice Code
631319110
Duration 4 Years
Intake 60

Diploma Engineering (Polytechnic)

Computer Engineering
Choice Code
631324510
Duration 3 Years
Intake 60

Electronics & Telecommunication
Choice Code
631337210
Duration 3 Years
Intake 60

Electrical Engineering
Choice Code
631329310
Duration 3 Years
Intake 60

Mechanical Engineering
Choice Code
631361210
Duration 3 Years
Intake 60

Civil Engineering
Choice Code
631319110
Duration 3 Years
Intake 60

Salient Features of the Institute

➢ Excellent Infrastructure with advance well-equipped and well- furnished laboratories, fabrication workshop spacious playground.

➢ Techno-efficient qualified and dedicated faculty committed to delivering quality education and mentoring.

➢ Research-Oriented Exposure through paper publications, IPRs, Patents, and copyrights by faculty under the IIC.

➢ Comprehensive Training and Placement support to ensure students are industry ready with aptitude, soft skills & domain expertise.

➢ Focus on Skill Development &Innovation through technical clubs, value added programs and industry-academia collaboration.

➢ Social Responsibility promoted through active students' participation in community initiatives under NSS.

➢ Modern Facilities including college buses, gymkhana, digital library, medical care, separate hostel for boys and girls, cafeteria and a secure Wi-Fi enabled green campus.

➢ Support for Economically Weaker Students via multiple scholarships and governments schemes.

➢ Experiential Learning Approach with hands on projects, soft skill development STTPs and student centric activities under IEI & ISTE chapters.

➢ Focus on Holistic Development combining academics, technical training, personal growth and leadership skills.

➢ Add-on Course in German and spoken English to enhance global communication & career opportunities.

Central Facilities

Hostel

Cafeteria

Library

Security

RO Water Purify Plant

Sarita Bazar (Departmental Store)

Central Facilities

Admission Counselling

Botanical Garden

Bus Facility

Gymkhana

College Canteen

Playground

Central Facilities

Open Theatre

Board Room

Conference Hall

Counseling Cell

Medical Facility

General Store

Central Facilities

CCF

Language Lab

Smart Class Room

Open Stage

Parking

Administrative Building

Workshop

JCEP Central Library: A Hub of Knowledge

The JCEP Central Library serves as a vital academic resource center, offering a vast array of physical and digital materials to support the learning needs of students and faculty. With a focus on user-centered services, the library ensures easy access to knowledge, fostering both academic growth and research excellence.

Library Timings:

Library Hours: 09:30 AM to 06:00 PM

Reading Room: 09:00 AM to 10:00 PM (Including Sundays and Holidays)

Library Features:

Open Access: Users can freely browse and select books from the collection, assisted by a shelf list for easy navigation.

Digital and Physical Resources: Over 20,680+ volumes, 3,833+ titles, 500+ e-books, 100+ periodicals, 70+ magazines, 800+ video lectures, and 10 newspapers.

Web OPAC & Mobile App: Convenient access to catalogues and resources.

Book Bank: Free access to textbooks for all students.

Digital Library: Equipped with 20 PCs and access to online databases like IEEE, NPTEL, and DELNET.

Reprographic Service: For printing and photocopying needs.

Library Services:

Book Circulation

Reference and Referral Services

New Arrival & Book Reservation

Online Public Access Catalogue (OPAC)

Database of Previous Year Question Papers

Bound Volume Collection

Dissertation and Project Collection

Library Activities:

Librarian Day, VachanPrerana Din

World Book Day, Jaywant Reading Club

Author Meets, Book Exhibitions

Library Katta,

Workshops on Information Literacy

Best Reader Award

The library operates on a need-based approach, focusing on the free dissemination of knowledge. It encourages open access to its collection, promotes information literacy, and hosts engaging activities like book reviews, exhibitions, and workshops to nurture a reading culture.

Whether you're browsing physical books or exploring e-resources, the JCEP Central Library is your gateway to knowledge and academic success.

Connecting Science, Culture, & Society

Department of
General Science & Humanities

The Department of **General Science & Humanities** lays the academic foundation for engineering education through core subjects like **Physics, Chemistry, Mathematics, Communication Skills, and German.** With a team of experienced and dedicated faculty, the department emphasizes **student-centric learning,** supported by **modern classrooms** and **well-equipped laboratories.**

We actively promote **research and faculty development,** with regular participation in FDPs, workshops, and conferences. The department also focuses on **holistic student growth** through mentoring, expert lectures, career workshops, and parent-teacher interactions.

By blending scientific knowledge with strong communication skills, the department is committed to shaping **globally competent engineers** ready to face real-world challenges.

• **Established: 2009**

• **Initial Intake: 360/300 students for Degree & Diploma**

Faculty Strength: - 10

Distinctive Features of the Department of General Science & Humanities

The Department of General Science & Humanities lays a strong foundation for engineering education through core subjects like Physics, Chemistry, Mathematics, and Communication Skills. We are committed to holistic student development with the following key features:

- **Experienced & Qualified Faculty**
- **Well-Furnished Classrooms** and **Advanced Laboratories**
- **Research Excellence** with publications in reputed national & international journals
- **Student-Centric Initiatives:** Students Induction Program, Class Monitors, Mentorship, Counseling Cell, Parent Meets, GATE Forum
- **Academic Enrichment:** Active Learning Tools, Innovative Practices, Best Reader Awards, Reading Club, Foreign Language Club, industrial visits, E-Magazine
- **NEP Pilot Batch Implementation**
- **Encouragement for Co-curricular & Extra-curricular Participation**
- **Celebration of Days:** National Science Day, Teachers' Day, International Teachers Day, International Language Day, Mathematics Day
- **Events:** Science Exhibitions, Tech Quizzes, Expert Lectures

Focus on Indian Knowledge System (IKS)

The department actively promotes awareness of India's rich heritage through:

- **IKS Projects** on traditional sciences, art, culture, and indigenous technologies
- **Visits to Historical Places** for data collection and experiential learning
- **Documentation and Presentation** of insights related to the Indian Knowledge System

Language Development – Add-on Courses

To enhance communication skills and global readiness, the department offers:

- **German Language Course**
- **Basic English Grammar – A Certificate Course**
- **Spoken English Course**

These courses strengthen linguistic abilities, preparing students for international opportunities.

Laboratories: -

- Engineering Physics
- Engineering Chemistry
- Engineering Mechanics
- Engineering Graphics
- Language Lab

Resources and facilities:

- Departmental Library and E-Resources
- License Software for Language Lab

MoUs

- SBS College, Karad
- Krishna Mahavidyalay, Rethare Bk.
- Achievers Academy, Kolhapur
- Jaywant Sugars Ltd
- Krishna Sugar Factory
- Abhinav Career Academy, Shivnagar

Crafting the World with Concrete Ideas

Department of
Civil Engineering

Established in 2009, the Department of Civil Engineering has grown remarkably, offering a comprehensive undergraduate program with an intake capacity of 60 students. As the oldest and most fundamental branch of engineering, Civil Engineering continues to evolve alongside technological advancements, while remaining rooted in its essential mission: **To design and build the infrastructure that sustains society.**

Our department emphasizes a balanced approach that combines technical excellence with environmental responsibility. Students gain practical knowledge through a curriculum enriched with subjects such as Structural Engineering, Transportation Engineering, Geotechnical Engineering, Hydraulics, Environmental Engineering, Advanced Surveying, and Foundation Engineering.

Program Overview

- **Program offered:** B.Tech in Civil Engineering
- **Established:** 2009
- **Initial Intake:** 60 students

Experienced Faculty: 12

A team of highly qualified faculty, most holding Master's degrees in engineering, actively engaged in research, publications, and academic outreach. Many are invited as guest speakers at prestigious institutions.

Modern Infrastructure:

Well-equipped laboratories and classrooms provide hands-on experience in material testing, structural analysis, surveying, and more.

Industry-Focused Learning:

The department provides consultancy and testing services including:

• Testing of construction materials (steel, cement, bricks)

• RCC & steel structure design

• Structural auditing & stability analysis

• Soil and water testing

• Third-party inspection and quality control

These services are regularly extended to semi-government organizations, private companies, and local contractors

Career Success & Opportunities

Our graduates have been successfully placed in prestigious government and private sectors, including:

Government Organizations

PWD, WRD, MJP, ZillaParishad

Through UPSC & MPSC exams

Public Sector Undertakings

• NTPC, ONGC, BSNL

Private Construction Firms

• Larsen & Toubro

• Hindustan Construction Company (HCC)

• Shapoorji Pallonji

• Hiranandani Construction Pvt. Ltd.

• Dhruv Consultancy

• Software Companies for Civil Design & Analysis

The Department of Civil Engineering is committed to producing socially responsible, technically sound engineers who will shape the infrastructure of tomorrow while preserving the environment of today.

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Department of
Computer Engineering

The Department of Computer Science and Engineering at our institute is a hub of academic excellence and innovation. It is committed to nurturing students with strong theoretical foundations, hands-on technical skills, and industry-relevant knowledge. The department focuses on preparing students for the emerging Computer Technology sector through quality education, advanced infrastructure, and active industry interaction.

Program Overview

• **Program offered:** B.Tech in Computer Engineering

• **Established:** 2009

• **Initial Intake:** 60 students

• **Objective:** To develop competent IT professionals in the field of computer engineering

Faculty

• **Experienced professors** with academic depth

• **Young, dynamic faculty** bringing in fresh perspectives

• Ensures a holistic and up-to-date learning experience

Student Chapters & Extracurricular Activities

Active professional student bodies:

- **ACES** – Association Computer Engineering Students
- **CSI** – Computer Society of India
- **ISTE** – Indian Society for Technical Education
- **IE-** Institution of Engineers, NPTEL
- Activities include:
- Emerging Technical workshops
- Hackathon & Coding Competitions
- Professional Skill development events

Placements

- Consistent 70% placement rate over the last three academic years
- Alumni placed in reputed public and private sector companies
- Our IT Professionals placed renowned IT industries.

Infrastructure

- **Smart Classrooms** with multimedia facilities
- **Advanced Laboratories** with:
- Hardware & Software Technologies for Computing
- Access to domain-specific tools
- Project Laboratory
- Operating Syatem Laboratory
- Hardware Network Laboratory
- Database Laboratory
- AIML Laboratory
- Web Development Laboratory
- Central Computing Facility
- Virtual Lab Practices
- **Departmental Library** to support academic and project needs
- Tech-driven and collaborative learning environment Academic Strengths
- **Strong emphasis on:**
- **Industry-sponsored projects** for hands-on learning

- **Real-world problem-solving**
- **Balancing theory of Skill Development with practical application Curriculum Focus Areas**
- **Core Subjects:**
- Computer systems: design and maintenance
- Computer algorithms and problem-solving
- Database systems
- Data structures: lists, trees, graphs, and related algorithms
- **Emerging Technologies:**
- Artificial Intelligence (AI)
- Machine Learning (ML)
- Deep Learning
- Data Science
- Computer Vision

Achievements

- Awards in various Project Competitions
- Alumni are working in renowned organizations across all sectors
- Students regularly participate in technical events, Sports and Culturel competitions

Department of
Electrical Engineering

The Department of Electrical Engineering is a center of excellence, committed to nurturing competent engineers equipped with technical knowledge, practical skills, and an innovative mindset. Since its inception in **2009**, the department has continuously evolved to meet the dynamic needs of the electrical engineering industry through updated curriculum, modern infrastructure, and strong industry-academia collaboration.

Program Overview

• **Program offered:** B.Tech in Electrical Engineering

• **Established:** 2009

• **Initial Intake:** 60 students

• **Objective:** To develop forward-thinking engineers capable of solving real-world challenges

Curriculum & Specializations

• **Aligned with NEP 2020 and Outcome-Based Education (OBE)**

• Regularly updated to reflect the latest advancements

- **Specializations offered in:**

E-Mobility

Power Systems Optimization

Control Engineering

Embedded Systems

Special Purpose Machine

- **Optional Honors/Minor Courses in:**

 Sustainable Energy

Control Systems

E-Mobility

Hands-On Learning & Infrastructure

- **Internships and Industrial Training** – mandatory for all students
- **11 state-of-the-art laboratories** for practical exposure
- Teaching methods include:

ICT tools

Peer-to-peer learning

Project-based learning

Research & Industry Engagement

- Faculty and students actively involved in:

Funded research projects

Energy audits and consultancy

Publishing in national and international journals

- **Regular seminars, workshops, and expert lectures** on:

Smart Grid

Electric Vehicles

Power Quality

Energy Management

Student Enrichment Activities

- **Electrical Engineering Students Association (EESA) conducts:**

Technical competitions

Knowledge-sharing events

Leadership development programs

- Encourages holistic development through academic and co-curricular engagement

Turning Ideas into Machines
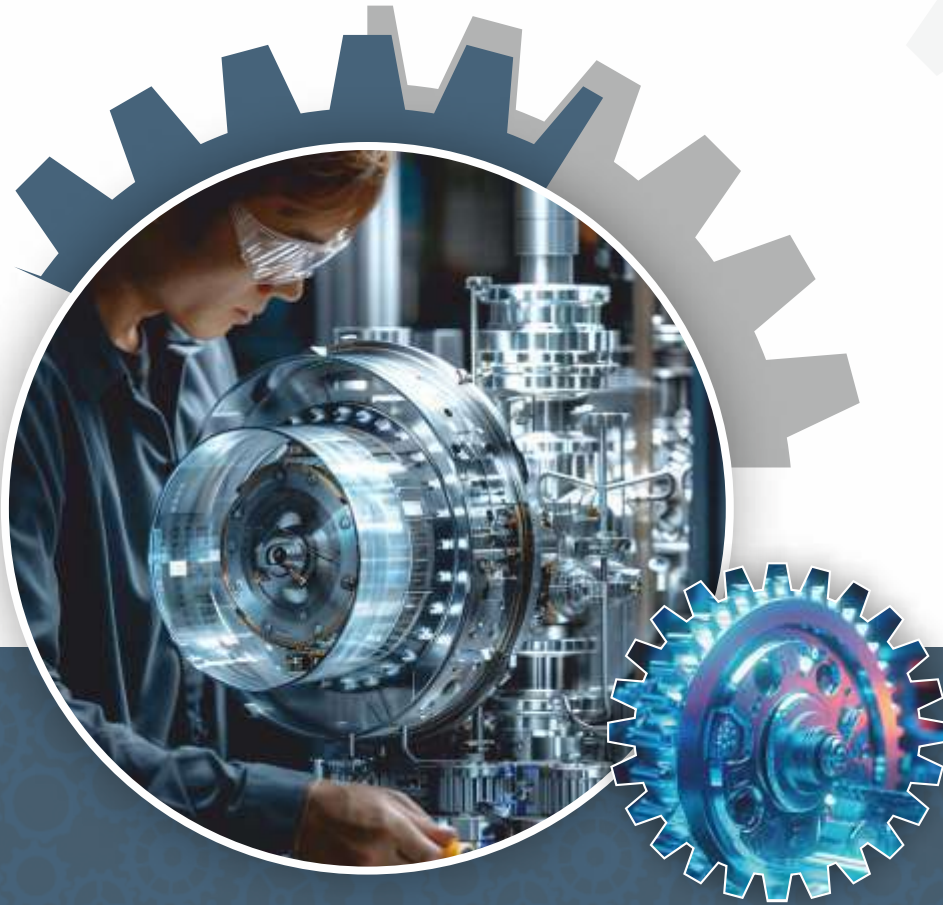
Department of
Mechanical Engineering

Mechanical Engineering plays a vital role in **technological innovation and industrial development.** The discipline involves **design, development, manufacturing, and maintenance of machinery** across diverse sectors. Emphasis on **interdisciplinary knowledge**, adaptability, and creativity to meet modern engineering challenges.

Program Overview

• **Program offered:** B.Tech in Mechanical Engineering

• **Established:** 2009

• **Initial Intake:** 60 students

• **Objective:** To produce competent and innovative mechanical engineers equipped with technical skills, ethical values, and a problem-solving mindset to meet global industry and societal needs.

Program Highlights

• Offers a **strong foundation** in core mechanical principles.

- Flexibility to **specialize** in areas such as:

Aerodynamics   Robotics

Energy Systems   Artificial Intelligence

Materials Science   Product Design

- Focused on preparing students for **future-ready careers.**

Practical Exposure & Facilities

- **State-of-the-art laboratories** for:

 Prototype design   Model building   Experimental research

- Encourages **hands-on learning** and application of theory to solve real-world problems.

- **Student-led research projects** foster innovation and curiosity.

Career Opportunities

- Mechanical engineers work across:

Automotive and Aerospace Industries   Energy Sector and Power Plants

Manufacturing & Robotics   Healthcare and Medical Devices

- Career roles include:

Product Developer   Research Engineer

Management Consultant   Systems Engineer

- Many graduates move into senior leadership and strategic roles.

Interdisciplinary Collaboration

- **Engineers collaborate with:**

Electrical & Computer Engineers

Material Scientists

Environmental Experts

- **Works on global challenges like:**

Climate change

Autonomous systems

 Sustainable energy solutions

Innovation-Driven Learning Environment

- Emphasis on creative problem-solving and entrepreneurial thinking.

- Students are encouraged to go beyond conventional engineering, shaping the future through innovative projects.

- The department nurtures leaders and innovators, not just engineers.

Signals of Success, Waves of Innovation

Department of
Electronics & Telecommunication Engg.

The department shapes f**uture-ready engineers** equipped to **lead communication technology innovation.** With a strong focus on **interdisciplinary learning, industry collaboration**, and **hands-on training**, students are empowered to **transform the future of communication**.

Program Overview

• **Program offered:** B.Tech in Electronics and Telecommunication Engineering

• **Established:** 2009

• **Initial Intake:** 60 students

• **Objective:** To produce technically skilled, industry-ready engineers capable of innovating in the dynamic fields of electronics and communication technology.

Student Development & Engagement

• **Active student chapters:**

o **ELEXSA, IETE, IEEE**

- Events organized:

Tech Symposiums   Paper Presentations   Circuit Design Competitions

Programming Challenges

- Focus on **technical, leadership, and social responsibility** development.

Interdisciplinary & Industry Alignment

- Integration with fields like:

Data Science   Image Processing   Automation & Process Control

- Industry exposure through:

Internships   Industrial visits   Collaborations with companies

Academic Focus & Specializations

- Curriculum aligned with latest trends in:

5G Communication Internet of Things (IoT)   Artificial Intelligence (AI)

Signal Processing   Embedded Systems VLSI & Automation

- Emphasis on both **hardware and software system design.**

State-of-the-Art Infrastructure

- Equipped with advanced labs featuring:

Spectrum Analyzers

Digital Storage Oscilloscopes

High-Frequency CROs

RF Signal Generators

- **PCB Design & Fabrication workshops** support mini and major projects.

Experiential Learning

- Hands-on projects in:

RF & Antenna Design

Analog/Digital Communication

Wave Propagation, Arduino UNO, REi-4

- Strong emphasis on **simulation and real-world prototyping.**

Career Opportunities

- Opportunities in:

Telecommunication & Networking

IoT & AI-Driven Systems

Embedded Systems

Automation and VLSI Design

- Graduates prepared for roles in **top global companies and research organizations.**
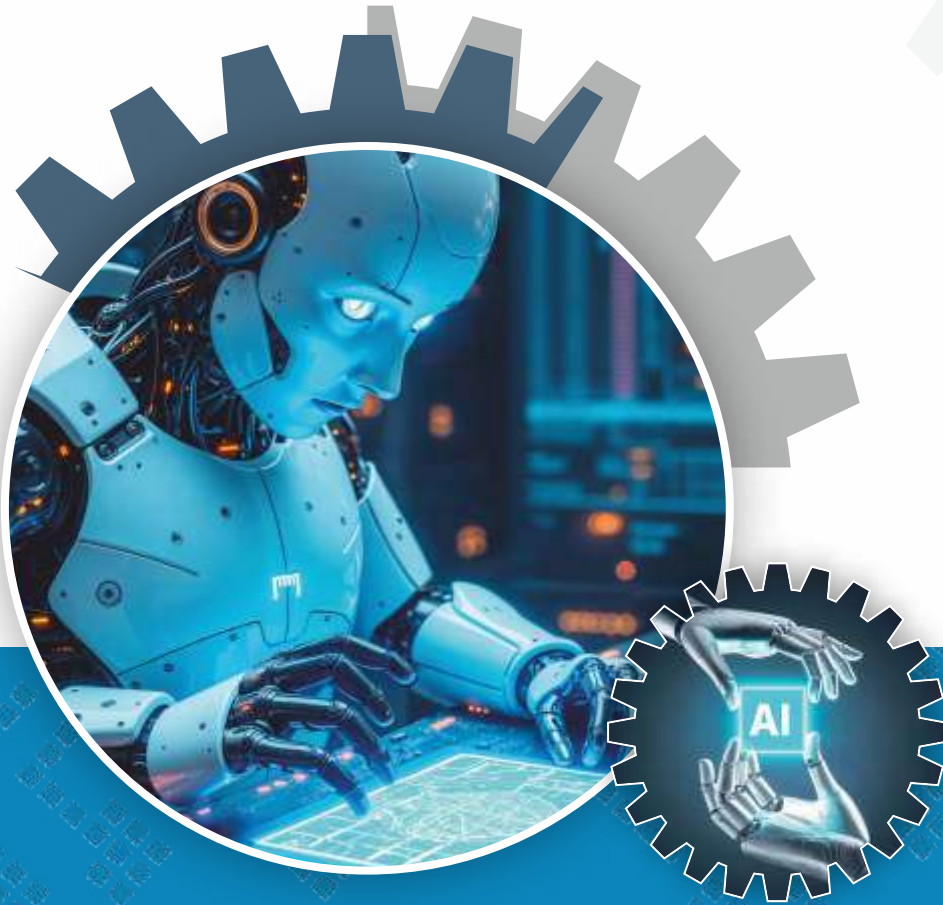
Department of
Artificial Intelligence & Data Science (AI&DS)

Established in 2025-26 to meet the growing global demand for AI and Data Science professionals. Focuses on transforming students into **innovators and problem-solvers** in the AI-driven digital era

Program Overview

• **B.Tech in AI & Data Science blends:**

Core principles of **Computer Science & Engineering**

Specialized knowledge in **AI, ML, Deep Learning, and Data Science**

• Curriculum based on **Outcome-Based Education (OBE)**

• Includes:

  Industry-oriented projects

  Internships

  Capstone projects

Key Learning Areas

• **Artificial Intelligence & Machine Learning**

• **Deep Learning & Neural Networks**

• **Big Data Analytics**

• **Natural Language Processing**

• **Predictive Modelling**

• **Data Visualization & Mining**

State-of-the-Art Infrastructure

• Dedicated, advanced laboratories for:

AI & ML

Programming

Database Management

• **Center of Excellence in AI** to foster innovation and research

• Access to industry-standard tools and platforms

Research & Innovation Focus

• Promotes a strong research culture

• Encourages:

 Student-led innovation

Participation in AI competitions

Publication in conferences and journals

Career Opportunities

Graduates of AI & DS are in high demand, with diverse career opportunities including:

Data Scientist

Machine Learning Engineer

AI Developer

Big Data Engineer

Robotics Engineer

Data Analyst

Shaping the Future

With a focus on research, hands-on experience, and industry exposure, our program ensures students are future-ready, equipped to lead in the world of AI and Data Science. Join us in pioneering the future of technology and innovation.
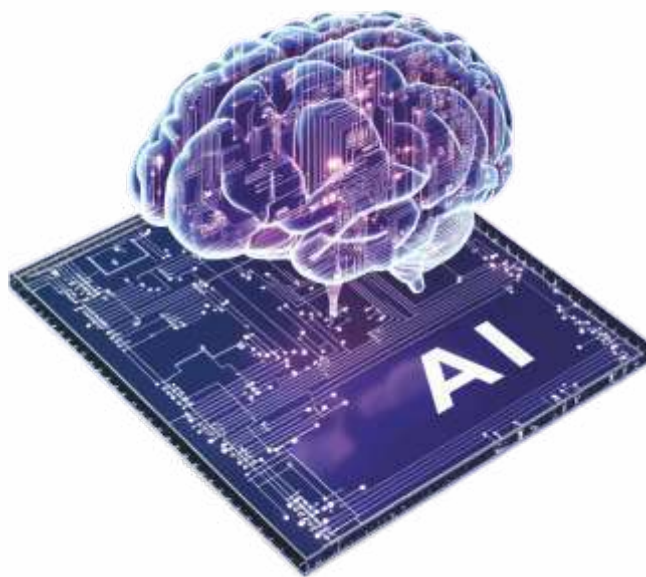
Central Computer Facility :
Empowering Education through Technology

Central Computer Facility: Empowering Education through Technology

The Central Computer Facility (CCF) at the institute is a state-of-the-art facility designed to cater to the technological needs of both students and faculty. Equipped with 100 high-performance computer systems, peripherals, and servers, the lab provides a cutting-edge environment for learning, research, and development.

Key Features:

High-Speed Internet: The lab is connected to the internet via 500 MBPS Airtel leased line ensuring uninterrupted access to global resources.

Advanced Servers: Ten IBM and HP servers support a wide array of applications and services, enhancing the learning experience.

Modern Software Suite: The lab hosts a comprehensive collection of licensed software, covering the diverse needs of various academic programs.

Internet & Social Media Access: The facility is used for information search, news updates, current affairs, email, social media, online exams, and form filling.

Lab Utilization:

F.Y. B.Tech.: All branches make use of the lab for coursework, research, and academic activities.

Training & Workshops: The lab serves as a hub for workshops, seminars, and training programs, empowering students with hands-on learning experiences.

Online Examinations: The lab is also equipped to conduct online exams, ensuring smooth and secure assessments.

Infrastructure:

Reliable Power Supply: Every system is safeguarded with branded Online UPS systems and a 25 KVA generator, guaranteeing uninterrupted operations.

Comprehensive Network: The internet facility extends throughout the campus, including the Computer Labs, H.O.D.'s offices, Library, Hostels, TPO, and administrative blocks, ensuring seamless connectivity for all.

Support and Maintenance:

The IT staff and faculty are always on hand, ready to provide timely support and ensure the smooth functioning of the lab. Whether for technical assistance or to answer queries, help is never far away.

In essence, the Central Computer Facility is an integral part of the institute's technological infrastructure, enabling students and faculty to stay connected, collaborate, and thrive in an increasingly digital world.

Examination Center and Its Activities

The Examination Center plays a pivotal role in ensuring smooth, efficient, and transparent examination processes. The entire center is systematically divided into four key sections, each with a distinct function to guarantee the proper conduct of examinations, from planning to result processing.

Sections in the Examination Center:

1. Examination-Related Appointments:

This section handles all administrative tasks related to appointing staff for examination duties, including invigilators, examiners, and other essential roles.

2. Question Paper Scrutiny and Printing:

Responsible for the meticulous review, preparation, and secure printing of question papers to ensure accuracy and confidentiality.

3. Preparation and Conduct of Examinations:

This section is in charge of scheduling exams, arranging venues, and ensuring that all logistics, including student attendance and examination materials, are in place.

4. Assessment:

After examinations, this section manages the evaluation process, ensuring that each paper is assessed fairly and promptly.

Conducting Examinations:

The Examination Center coordinates UT1, UT2, MSE and End Semester Examinations (ESE) centrally. It begins by gathering detailed student and course information from various departments, then schedules and oversees the seamless execution of examinations. This ensures that each exam is conducted with precision, maintaining both academic integrity and student confidentiality throughout the process.
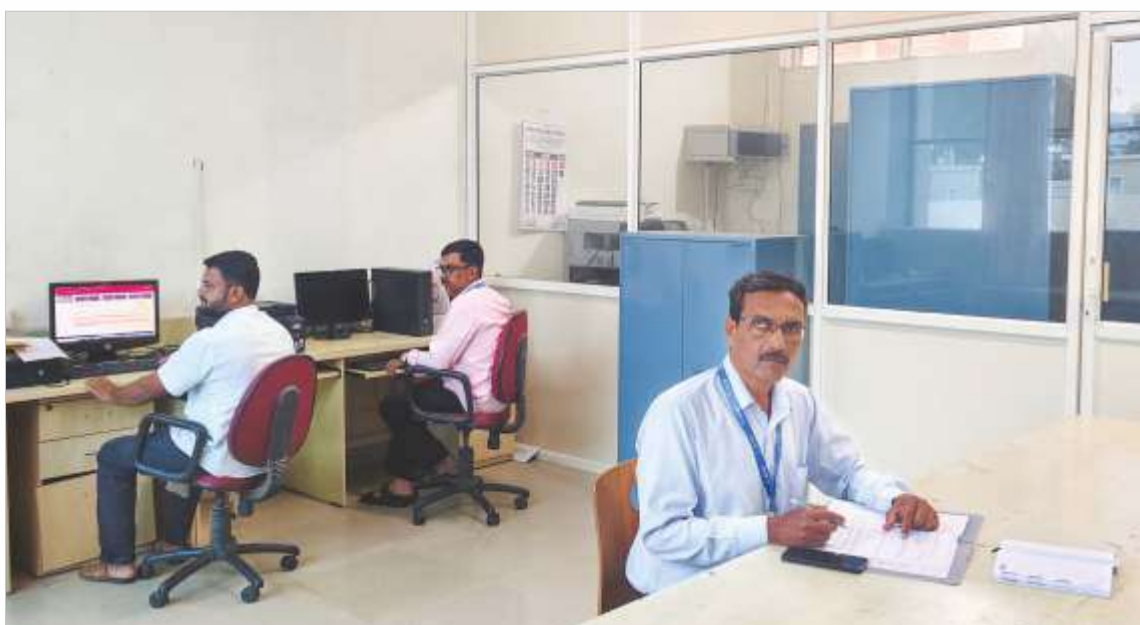
RAGGING FREE CAMPUS

Ensuring a Safe and Supportive Campus

Our Anti-Ragging Cell, in line with **AICTE guidelines**, ensures **a ragging-free environment** through strict enforcement and awareness programs. The institute proudly maintains a **zero-incident record,** reflecting our **culture of respect, safety, and inclusion.**

For more details on the AICTE's anti-ragging guidelines, visit:

[AICTE Anti-Ragging Guidelines](https://www.aicte-india.org/grievance/anti)

Anti-Ragging Awareness Program

The Anti-Ragging Committee of Jaywant College of Engineering & Polytechnic organized a Poster Presentation and Awareness Drama on 14th August 2024 to promote a ragging-free and safe campus environment.

Health Camps & Awareness Programs: Regular health check-up camps and initiatives to promote physical and mental well-being.

Legal Awareness Workshops: Providing insights into legal rights and resources available to women in the workplace.

Personality Development Sessions: Programs aimed at enhancing the leadership and professional skills of female students and faculty.

Counseling & Mentoring Cell

The Counseling Cell at JCEP, led by Prof. Seema More, supports students' emotional and psychological well-being. Through professional counseling and a structured mentoring system—where each mentor guides a group of 12 students—we ensure personal, academic, and career development in a caring, supportive environment.

Internal Complaint Committee (ICC): Promoting Dignity and Safety

The Internal Complaint Committee (ICC) at our institute is established in line with the Vishakha Judgment of the Supreme Court and the Sexual Harassment of Women at Workplace (Prevention, Prohibition, and Redressal) Act, 2013. The primary objective of the committee is to empower and protect female students and faculty members by ensuring a safe, respectful, and supportive environment on campus.

Operational Framework:

Regular Meetings: The ICC convenes bi-annually to discuss policies, update protocols, and assess any ongoing concerns. Additional meetings are held for specific complaints or queries.

Orientation & Awareness: The committee conducts an awareness session during the first-year orientation program, ensuring all students understand the committee's functions, its importance, and how to approach it.

Visibility & Accessibility: The committee's contact information and guidelines are prominently displayed in the main campus areas, as well as in the girls' hostels, making it easily accessible for those in need.

Secrecy & Confidentiality: The ICC follows a strict confidentiality policy in handling complaints, ensuring that sensitive information is protected as per government guidelines.

Commitment to Change:

The committee's structure is periodically revised, with one-third of the members rotating every year to bring fresh perspectives, while the full committee undergoes revision every three years. This ensures that the committee remains dynamic and responsive to evolving needs.

Through these initiatives, the ICC continues to champion the cause of women's rights, working towards a safe, empowering, and respectful environment for all students and faculty members on campus.

Women's Empowerment Cell

The Women's Empowerment Cell of the college is established with the motto:

"Towards Self-Empowered Mind."

The Cell aims to empower girl students and women faculty, enhance their understanding of issues related to women, and to make the college campus a safe, inclusive, & supportive environment. It also addresses practical concerns related to welfare and equal opportunities for women students, faculty, and staff. The Cell actively contributes to building a culture of **respect, equality, and empowerment** within the institution.

The **Women's Empowerment Cell** of Jaywant College organized a series of impactful events from **8th to 14th March 2025** to celebrate **International Women's Day** and promote awareness on women's rights, health, and empowerment.

1. On 8th March 2025, an **expert lecture on "Baipan Bhari Deva"** was delivered by **Mrs. Roza Kinikar,** a renowned social worker and Vice President of Kalapushp Educational Institution. She inspired the audience with her thoughts on women's identity and strength.

2. **A Medical Camp for Women** was held on **10th March** at **Jaywant Ayurvedic Hospital,** offering free health check-ups and raising awareness about women's health issues.

3. On **11th March,** a **Karate Training Session** was conducted by **Ms. Sanjana Shenolikar,** empowering female students and staff with self-defense techniques.

4. **A Slogan Writing Competition** on the theme **"Empowering Women, Empowering Humanity"** was organized on **12th March,** encouraging creativity and awareness among students.

5. On **13th March,** a **Women's Empowerment** Rally was carried out from the college campus to **Julewadi Grampanchayat**, spreading messages of gender equality & empowerment.

6. The week concluded with a vibrant **Cultural Program** on **14th March,** specially organized for girl students and lady staff members, showcasing their talents and celebrating womanhood.

The week-long celebration was a great success, fostering empowerment, unity, and awareness among students and staff.

Women's Empowerment Cell

The **Institution's Innovation Council (IIC)** was established at Jaywant College of Engineering and Polytechnic under the guidance of the Ministry of Education's Innovation Cell (MIC), Government of India. The primary goal of IIC is to foster a culture of innovation and entrepreneurship among students and faculty through structured programs and initiatives.

Institution's Innovation Council (IIC) Activity

The Institution's Innovation Council (IIC) at Jaywant College of Engineering and Polytechnic actively organized several innovation and entrepreneurship-focused activities during the academic years and 2024–25.

In the **academic year 2024–25,** a total of **five activities** were implemented:

1. Activity 1 was organized by the **Electrical Engineering** department on **6th February 2025,** titled "Expert Talk on the Process of Innovation Development & Technology Readiness Level (TRL)" and "Commercialization of Lab Technologies & Tech Transfer". The session highlighted innovation stages and the pathway from research to commercialization.

2. Activity 2, conducted by the **General Science** department on **27th August 2024,** included a **Field/Exposure Visit** to pre-incubation units such as AICTE Idea Lab, Fab Lab, MSME Clusters, and Design Centers, offering students practical insights into the innovation infrastructure.

3. The **Civil Engineering** department hosted **Activity 3** on **19th September 2024** – an **Innovation Competition/Hackathon,** where best ideas were recognized and submitted to the **YUKTI Innovation Repository.**

4. **Activity 4** took place on **14th August 2024,** collaboratively organized by the **General Science and Civil Engineering departments**. It featured an **Innovation Showcase: Demo Day,** which included exhibitions, poster presentations, and mentorship interactions with Innovation Ambassadors and industry experts.

5. Finally, **Activity 5** was a college-wide event held on **28th March 2025** across **all departments,** titled **"Inter/Intra-Institutional Business Plan Competition",** encouraging entrepreneurial thinking and documentation of top ideas in the YUKTI Repository.

These activities demonstrate the institution's proactive approach to fostering a vibrant innovation ecosystem and preparing students for future entrepreneurial ventures.

Industry Institute Interaction Cell

In light of the liberal economic and industrial policy recently adopted by the Govt. of India, the industrial scenario is fast changing. Industries are compelled to export a part of their production and complete with multinationals for the internal market. The emphasis has shifted to quality products and well trained manpower to produce such products. There has been a greater need for industries to depend on technical institutions for R&D and for supply of highly qualified and skilled manpower. Retraining of the work force has become major activity for all industries. There is, thus a good opportunity for institute to interact with industries for mutual benefits.

The Industry-Institute Interaction would accrue mutual benefits when a symbiotic relationship is developed between the two systems. The ultimate aim of this relationship will be the creation of confidence in industry by the Institute which would result industries involving voluntarily the Institute at various stages of its development.

The development of such symbiotic relationship requires, careful understanding of the industry needs such as relevant R&D, cost effectiveness, time bound programmers, technology up gradation etc. by the Institute and, in turn, understanding the capabilities and limitations of the institute by the Industry.

Objective of Cell

• To cultivate strong Industry linkage with the Institute.

• To promote various Industrial activities by the Members of the Faculty and Students.

• To catalyze further Growth and Development of the Interaction between the Institute and Industry.

• To develop close relations to promote Research and Development activities to suit to the needs of the Industries and to have effective consultancy services between Industry and Institute.

• To provide opportunities to the students to get Internships in the Industries to have work-on-hand practical knowledge for professional advancement.

• To create an Industrial Chair in the Institution to enable to visit the Industry Resource persons as visiting Faculty to the Institution.

• To bring about MoUs and Agreements with various top most Industries and Research Organizations in the field of Engineering, Pharmacy and Management for the benefit of the Faculty and students.

• To utilize the State-of-the-art facilities available in the Institution for the better Industry linkage.

Highlights of Cell -

• No of MOU's = 31+

• No of Students interacts with industry = 300+

Internal Quality Assurance Cell (IQAC)

Aim: To foster a culture of continuous improvement, innovation, and academic excellence through structured quality initiatives.

Objectives

• Ensure conscious, consistent, and catalytic improvement in institutional performance.

• Institutionalize best practices for continual quality enhancement.

• Promote a quality culture aligned with stakeholder and global expectations.

Composition

• **Chairperson:** Principal

• **Members:** 5 Senior Teachers, 1 Admin Official, 2 External Experts

• **Coordinator:** IQAC Coordinator (Member Secretary)

Key Goals

• Enhance academic & administrative performance.

• Strengthen quality systems at every institutional level.

• Implement regular evaluations and feedback for sustained excellence.

Core Functions

• Set and monitor quality benchmarks across departments.

• Promote learner-centric, participative teaching & faculty development.

• Collect and act on feedback from all stakeholders.

• Conduct workshops, seminars, and quality awareness activities.

• Maintain institutional MIS for informed decision-making.

• Prepare AQAR and collaborate with accreditation bodies (NAAC/NBA).

• Organize internal quality rankings and propose quality initiatives.

Operational Strategy

• Quarterly meetings with proper documentation (agenda, minutes, ATR).

• Collaborate with HODs, coordinators, and stakeholders.

• Propose and manage quality-related budgets.

IQAC at JCEP is not just about compliance—it's a proactive engine for academic transformation and institutional excellence.
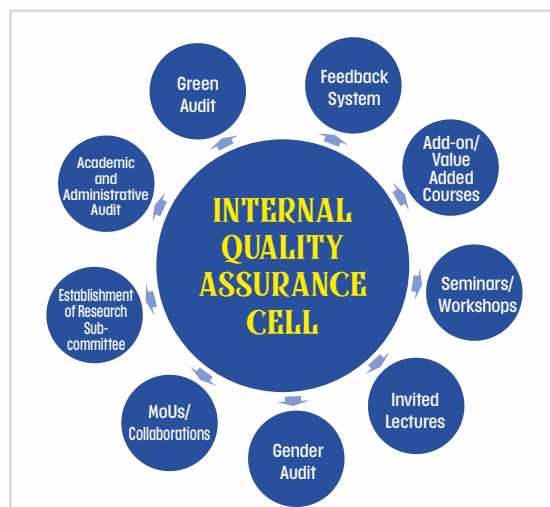
The Research & Development (R&D) Cell

The Research & Development (R&D) Cell at Jaywant College of Engineering and Polytechnic, Kille Machindragad, serves as a cornerstone for fostering innovation, enhancing technical expertise, and bridging the gap between academia and industry. This cell is instrumental in cultivating a research-oriented environment that encourages both faculty and students to engage in pioneering projects and collaborations.

Key Functions and Objectives:

Innovation and Prototyping: The R\&D Cell is dedicated to the research, design, and development of new products or prototypes. It emphasizes the analysis of competitive products, primarily in the engineering and technology sectors, to stay abreast of industry advancements.

Industry Collaboration: Acting as the Institutional Unit of VYWS's Center India Research Foundation (CIRF), the cell facilitates partnerships with industry leaders. This collaboration aims to align academic research with real-world applications, ensuring that innovations are both practical and impactful.

Academic Enrichment: The cell promotes academic and research-oriented training, encouraging students and faculty to participate in interdisciplinary research activities. This initiative not only enhances the educational experience but also prepares students for the challenges of the professional world.

Leadership and Coordination:

The R&D Cell is coordinated by Prof.R.E.Pawar who brings a wealth of experience and a strategic vision to the role. Supporting him is Prof. Atul Pawar, a dedicated member focusing on research and development initiatives. Their leadership ensures that the cell operates efficiently and aligns with the institution's broader goals.

Integration with Academic Departments:

The R&D Cell works in tandem with various departments, including Mechanical and Electrical Engineering, to foster a culture of research and innovation. This integration ensures that research activities are multidisciplinary, leveraging diverse expertise to address complex engineering challenges.

Technical Symposium – Tech Fest, Hackathon & TechnoShark

Jaywant College of Engineering & Polytechnic consistently strives for the holistic development of its students by encouraging innovation, skill enhancement, and real-world problem-solving. As part of this commitment, the institute organized a Technical Symposium – Tech Fest 2K25, featuring events such as a Hackathon, Poster Presentation, and the flagship event TechnoShark.

Hackathon – Institute Level

To nurture problem-solving abilities and technical competence, the college registered for the Smart India Hackathon (SIH), a national platform that empowers students to tackle real-time industry challenges. An institute-level Hackathon was conducted on 19th September 2024, featuring 10 teams with a total of 66 students.

The event was evaluated by:

Prof. A.P. Kshirsagar, Assistant Professor, CSE, K.B.P. College of Engineering, Satara

Dr. Sunita H. Jadhav, HoD, Botany, Krishna Mahavidyalaya, Rethare Bk.

This initiative encouraged critical thinking, creativity, and teamwork among students while preparing them for national-level participation.

Jaywant Tech Fest 2K25

Jaywant College of Engineering & Polytechnic organized its annual Jaywant Tech Fest 2K25, a dynamic technical symposium aimed at promoting innovation, technical skills, and teamwork among students. The event included a variety of technical and non-technical competitions, encouraging participation from multiple departments and colleges.

Key highlights of the fest included:

TechnoShark – Conducted on 29th March 2024 with 14 teams presenting innovative project ideas. Teams were divided into Group A (GS\&H, Civil, Mechanical) and Group B (CSE, E\&TC, Electrical).

Other events included:

Project Presentation Competition

Circuit Making, Techno Quiz, ISO Mania

Brain Battle, Box Cricket, Carom Clash

The Tech Fest successfully provided a vibrant platform for students to demonstrate their creativity, technical knowledge, and collaborative spirit

Jaywant Reading Club
Fostering a Culture of Reading

The Jaywant Reading Club was inaugurated on the occasion of Reading Inspiration Day, celebrated on 15th October 2024 to mark the birth anniversary of Dr. A.P.J. Abdul Kalam. The club was launched under the joint initiative of the Department of General Science and the Department of Library at Jaywant College.

The primary objective of the Jaywant Reading Club is to promote a healthy reading culture among students, encourage critical thinking, and inspire intellectual discussions beyond the curriculum. The club aims to organize regular activities such as book reviews, reading challenges, literary quizzes, and interactive sessions.

As part of its motivation initiative, the club has introduced the **"Best Reader of the Month" Award** to recognize and appreciate students who demonstrate consistent reading habits and active participation in club activities.

The Jaywant Reading Club stands as a platform to enrich students' knowledge, broaden their perspectives, and build a lifelong habit of reading.

Jaywant Foreign Language Club

The Jaywant Foreign Language Club was officially inaugurated on 13th September 2024 by Prof. Sachin Kanitkar. The club has been established with the aim of enhancing students' global competencies by promoting the learning of foreign languages and intercultural understanding.

As part of its initiatives, the club organized a guest lecture on **"Career Opportunities in Germany"** delivered by Mr. Javed Attar from Bio Bright Enterprises, Pune. The session provided in-depth guidance on education pathways, job prospects, and language requirements for students aspiring to build careers in Germany.

In celebration of International Language Day, the students of the club prepared an E-magazine featuring informative content on various foreign languages, cultural insights, and student articles. The E-magazine was inaugurated by Principal Dr. A.J. Gujar, who appreciated the students' creativity and encouraged active participation in such enriching activities.

Training and Placement Cell

Prof. Umesh Ghorpade
Training & Placement Officer
SSPM's Jaywant College of Engineering and
Polytechnic, K.M. Gad

At SSPM's Jaywant College of Engineering and Polytechnic, we believe the Training and Placement Cell is a cornerstone & plays a crucial role in shaping the careers of our students. As the Central Training & Placement Officer, I take immense pride in leading a mission that goes far beyond securing job offers. Our focus lies in empowering students with structured training, industry insights, Career Guidance & placement platform, which empowers them to launch successful careers and contributes significantly to the institution's reputation. At the heart of our mission lies a strong commitment to empowering students with the skills, confidence, and opportunities needed to thrive. Acting as a vital bridge between academia and industry, our Central T&P Cell focuses on career readiness, industry collaboration, skill development, and student awareness. We aim not just to secure placements, but to nurture holistic professionals—capable of leading, innovating, and adapting in a rapidly changing world.

With personalized mentorship, insights into emerging career paths, and hands-on experience through live projects and case studies, we are building future-ready professionals.

Thank You!

• **Placement Highlights: -**

 Key Initiatives of Training and Placement Cell: -

- •Industry-Integrated Training Programs
- •Domain-Specific Technical Bootcamps
- •Aptitude, Soft Skills & Interview Preparedness Workshops
- •Internship, Campus Drives & Industrial Visits
- •MoUs, Expert Talks & Strong Industry-Academia Connect
- •Dedicated Placement Mentorship Cells

Key Functions of the Training and Placement Cell: -

- •Placement Assistance
- •CSR Trainings & Placement
- •Training and Skill Development
- •Internships
- •Industry Collaboration
- •Career Guidance
- •Industrial Visits
- •Workshops, Seminars & Expert Sessions

Our
Prominent Recruiters

Soft Skill Development & Communication Skills

In today's competitive world, technical knowledge alone is not enough. To become industry-ready professionals, our students are empowered with strong soft skills and effective communication abilities, helping them thrive in every aspect of their careers.

Our Key Focus Areas:

- Communication Skills (Verbal & Non-verbal)*
- Public speaking, group discussions, and presentation skills
- Listening, comprehension, and articulation improvement
- Body language and professional etiquette

Personality Development*

- Self-confidence building
- Time and stress management
- Leadership and team collaboration
- Workplace Readiness
- Interview preparation and mock interviews
- Resume writing and email drafting
- Problem-solving and decision-making skills

Training Highlights:

- Weekly communication labs and soft skill sessions
- Workshops conducted by industry experts
- One-on-one mentoring and continuous assessment
- Interactive activities: role plays, debates, extempore

Outcomes for Students:

- Enhanced employability and campus placement success
- Improved interpersonal and social skills
- Greater adaptability in global work environments
- Development of a confident and professional personality
- Your technical knowledge gets you shortlisted, but your communication and attitude get you selected.

Industrial Visits and MoUs

      Industrial visits are regularly organized to bridge the gap between academic learning and real-world industrial practices. These visits provide students with practical exposure, helping them understand current technologies, workflows, and industry standards.

Jaywant College has signed several MoUs with industries and institutions to promote industry-academia collaboration, internships, project guidance, training programs, and placement opportunities.

Our
Placement Drives

Our dedicated Training and Placement Cell actively bridges the gap between academics and industry by organizing regular placement drives. With the participation of reputed companies from various sectors, students are provided with excellent opportunities to launch their careers. These drives include on-campus interviews, pre-placement talks, skill assessments, and internship offers, ensuring our students are well-prepared and highly employable in today's competitive job market.

Hands on Experience

At our institution, we believe in learning by doing. Our students gain valuable hands-on experience through practical labs, real-world projects, industry collaborations, workshops, and internships. This experiential learning approach not only enhances technical skills but also builds confidence, teamwork, and problem-solving abilities—ensuring our graduates are career-ready from day one.

DahiHandi Utsav

The college celebrated Dahihandi Utsav with great enthusiasm and festive spirit. The highlight of the event was the presence of Marathi Film star Mr. Sanjay Khapare and his team, whose energetic participation added charm and excitement to the celebration.

Students formed human pyramids to break the Dahihandi, accompanied by dhol, music, and cheers. The event showcased teamwork, tradition, and joy, making it a memorable occasion for all.

Ganeshotsav 2024-25

Ganesh Utsav was celebrated with great enthusiasm and devotion at Jaywant College of Engineering and Polytechnic, Kille Machhindragad. The festivities began with the traditional installation of Lord Ganesha's idol in the college premises, marked by Vedic chants and aarti. The entire campus was beautifully decorated with flowers, rangoli, and lights, creating a spiritual and vibrant atmosphere. Faculty members, non-teaching staff, and students came together to organize daily Aarti sessions, cultural performances, and eco-friendly initiatives during the celebration. Students actively participated in devotional songs, dance performances, and skits highlighting the importance of Lord Ganesha and environmental awareness. The event concluded with the Ganesh Visarjan procession, held with devotion and a pledge to celebrate future festivals in an eco-conscious manner. The celebration not only strengthened spiritual values but also promoted unity and cultural awareness among the students and staff.

Beyond Academics

A Cultural Program

Shivmahotsav
2025

Our college celebrated **Shivmahotsav** with great enthusiasm to honor **Chhatrapati Shivaji Maharaj.** A special exhibition was organized, showcasing historical architecture models, traditional Maratha weapons, including the Dandpatta, and live demonstrations of Lathikathi (stick fighting).

The event provided students with a glimpse into the rich heritage of the Maratha Empire, highlighting its military strategies and cultural pride. The exhibition was well-received by students and staff, making the Shivmahotsav celebration both educational and inspiring.

Beyond Academics

Annual Sports

At Jaywant College of Engineering and Polytechnic, we believe that sports and physical education are integral to a student's holistic development. The academic year 2024–25 witnessed a dynamic blend of athletic excellence, enthusiastic participation, and remarkable achievements across various sporting disciplines.

The Annual Sports Week, held in [Insert Month], featured a wide range of indoor and outdoor events. Students from all departments participated in competitions such as:

- Track & Field Events: 100m, 200m, 400m, Long Jump, High Jump, Relay Races
- Team Sports: Cricket, Volleyball, Koh-Kho, Kabaddi
- Indoor Games: Chess, Carrom, Table Tennis, Badminton

Jallosh 2K25

The grand cultural fest **Jallosh 2K25** was celebrated with great excitement and participation at Jaywant College of Engineering and Polytechnic. The event included a wide range of fun and creative competitions such as **Cooking without Fire, Art Exhibition, Mr. & Ms. JCEP, Antakshari, Rangoli Competition, and Mehandi Competition.**

Students enthusiastically showcased their talents, creativity, and teamwork across all events. Jallosh 2K25 provided a vibrant platform for cultural expression and was a memorable celebration of joy, talent, and unity on campus.

JaywantMala

Annual Prize Distribution Ceremony

The Annual Prize Distribution Ceremony was held with great pride and celebration at Jaywant College of Engineering and Polytechnic. The event was graced by renowned Marathi Cine Star Mr. Swapnil Rajshekhar as the Chief Guest, who inspired students with his motivational words.

Meritorious students were honored with prizes and certificates for their academic achievements, co-curricular excellence, and overall performance. The ceremony reflected the college's commitment to encouraging talent and celebrating success.

Our
Outstanding Achievements

Excellence is a tradition at our institution. Over the years, our students and faculty have consistently achieved remarkable milestones in academics, research, innovation, sports, and cultural activities. From securing top university ranks and winning national-level competitions to publishing research in reputed journals and excelling in industry projects-**our achievements reflect our commitment to quality and all-round development.**

Hon. Principal Dr. A. J. Gujar Yashwant Nagari Shikshakratna Puraskar

Vice Principal Prof. M.A. Natu Best Reasearch Award

Dr. Tabassum Attar Ph. D. in English Literature

Prof. Ashish Patil German Patent & Paper Publication

Prof. Nikhil Pisal Patent Publication

Prof. S.Y. Inamdar Patent Publication

Prof. Seema More SET Qualified in Mathematics

Prof. Sagar Patil Patent Publication

Prof. Monika Patil Patent Publication

Ms. Siddhi Pawar & Ms. Purva Bhosale Second Rank in Lakshvedh Tech Fest 2025 at Nanasaheb Mahadik COE Peth

Eminent Personalities Visited to our College

National Service Scheme (NSS)

Empowering Youth through Community Service. **Launched in 1969** on **Mahatma Gandhi's birth anniversary**, NSS is a government-sponsored program **aimed at involving youth** in voluntary community service to foster social responsibility, leadership, and nation-building.

Objectives

- Connect with and serve the community
- Identify and address social issues
- Develop leadership and teamwork skills
- Promote national integration and disaster response

Motto

"Not Me, But You" – Inspiring selfless service and social commitment.

Key Highlights

- Hands-on involvement in rural and urban development
- Opportunities to lead social and cultural activities
- Builds compassionate, disciplined, and responsible citizens

Transportation Facility
Connecting Cities with Comfort and Safety

JCEP ensures that students, faculty, and staff have a hassle-free commuting experience with its dedicated transportation service. The college operates a fleet of 6 exclusive buses, connecting key cities like Karad, Umbraj, Patan, Dhebewadi, Palus & Islampur to the campus. This service caters to those living in these cities and surrounding areas, offering them a smooth, time-efficient, and safe journey to and from the college.

Designed to provide maximum convenience, the transport system operates on a daily schedule, ensuring students and staff can travel comfortably to campus before classes begin and return safely after the day's work is done. Whether it's a busy morning or a long day, well-maintained buses offer a reliable solution, making the journey as pleasant as the destination.

उपलब्ध बस सुविधा

उंब्रज मार्ग -
चरेगाव, उंब्रज, मसूर फाटा, वडोली भिकेश्वर, कवठे, मसूर, यशवंत नगर, कोपर्डेहवेली, विद्यानगर, कृष्णा कॅनॉल, कृष्णानाका, कराड साईबाबा मंदिर, भेदा चौक, कार्वेनाका, कार्वे, वडगाव हवेली, शेनोली स्टेशन, कॉलेज.

पाटण मार्ग-
पाटण, म्हावशी, आडुळ, नवा रस्ता, मल्हार पेठ, निसरे फाटा, विहे, साकुर्डी, तांबवे फाटा, वसंतगड, सुपने, मुंढे, वारुंजी फाटा, कोल्हापूरनाका, भेदा चौक, कार्वेनाका, कार्वे, वडगाव हवेली, शेनोली स्टेशन, कॉलेज.

ढेबेवाडी मार्ग-
ढेबेवाडी, तळमावले, मानेवाडी, कोळेवाडी, कोळे, घारेवाडी, विंग, चंचेगाव, आगाशिवनगर, ढेबेवाडी फाटा, पाचवड फाटा, वाठार, रेठरे खुर्द, रेठरे बुद्रुक, कॉलेज.

उंडाळे मार्ग-
उंडाळे, ओंड, नांदगाव, धोंडेवाडी फाटा, काले टेक, काले, कालवडे, बेलवडे, मालखेड फाटा, वाठार, रेठरे खुर्द, रेठरे बुद्रुक, कॉलेज.

इस्लामपूर मार्ग
शिरटे, नरसिंहपुर, बहे, हुबालवाडी, इस्लामपूर, पेठ नाका, उरूण इस्लामपूर, साखराळे, बोरगाव, ताकारी, दुधारी, रेठरेहरणाक्ष फाटा, भवानीनगरे, येडेमच्छिंद्र, किल्लेमच्छिंद्रगड, कॉलेज.

पलूस मार्ग-
पलूस, कुंडल, देवराष्ट्रे, मोहिते वडगाव, आसद, चिंचणी, वांगी, तडसर, सोनकिरे, पाडळी, सोनसळ, शिरसगाव, शेणोली स्टेशन, कॉलेज.

Eligibility And Documents Required for Diploma & Degree Courses Admission

Diploma Eligibility Criteria :

First Year of Post SSC : Maharashtra State Candidature Candidate	Direct Second Year of Post SSC . Maharashtra State Candidature Candidate
(i) The Candidate should be an Indian National; (ii) Passed 10th Std./ SSC examination or its equivalent, with at least 35%	(i) The Candidate should be an Indian National; (ii) Passed 10+2 examination OR 10th + (2 years ITI)
NRI / OCI / PIO	For Working Professional:-
(i) Passed 10th Std./ SSC examination at least 35% aggregate marks (ii) Any other criterion declared from time to time by the appropriate authority as defined under the Rules	(i) and (ii) above; (ii) (a) Candidate shall be working professional in Registered Industry / Organization (Central / State) / Private / Public Limited Company / MSMEs located within 50 KM radial distance from the Institute; (b) Candidate shall have Minimum of ONE Year Full time / Regular working Experience

Degree Eligibility Criteria :

First Year Engineering : Maharashtra State Candidature Candidate	Direct Second Year Engineering Maharashtra State Candidature Candidate
i) The Candidate should be an Indian National. (ii) Passed 10th+2 Std. Examination with PCM or equivalent vocational subject at least 45% for open category & 40% for cast or EWS (iii) MHT- CET at least non zero score (iv) Diploma Completed students.	(i) The Candidate should be an Indian National. (ii) Two year or Three year Diploma completed students. (iii) BSC completed from UGC
NRI / OCI / PIO	
(i) The Candidate should be an Indian National. (ii) Passed 10th+2 Std. Examination with PCM or equivalent vocational subject at least35% (iii) MHT- CET at least non zero score or JEE Main.	

Documents Required for Degree Admission

Class	Open	Category
FY B.Tech	1. MHT-CET mark sheet / JEE mark sheet. 2. NEET mark sheet (For B- Pharm Only) 3. SSC Mark sheet 4. HSC Mark sheet 5. Nationality, Age, Domicile Certificate. 6. Income Certificate 7. Leaving Certificate. 8. Aadhar Card. 9. Document of Ex- Serviceman/ Defence / Handicapped (If Applicable)	1. MHT-CET mark sheet / JEE mark sheet 2. SSC Mark sheet 3. HSC Mark sheet 4. Cast Certificate 5. Cast Validity 6. Non Creamy layer certificate 7. Nationality, Age, Domicile Certificate. 8. Income Certificate 9. Leaving Certificate. 10. Aadhar Card. 11. Document of Ex- Serviceman/ Defence / Handicapped (If Applicable)
Direct Second Year B.tech	1. SSC Mark sheet 2. HSC Mark sheet 3. Nationality, Age, Domicile Certificate. 4. Income Certificate 5. Leaving Certificate. 6. Aadhar Card. 7. Document of Ex- Serviceman/ Defence / Handicapped (If Applicable)	1. SSC Mark sheet 2. HSC Mark sheet 3. Diploma Six Sem mark Sheet 4. Cast Certificate 5. Cast Validity 6. Non Creamy layer certificate 7. Nationality, Age, Domicile Certificate. 8. Income Certificate 9. Leaving Certificate. 10. Aadhar Card. 11. Document of Ex- Serviceman/ Defence / Handicapped (If Applicable)

Documents Required for Diploma Admission

Class	Open	Category
FY	1. SSC Mark sheet 2. HSC Mark sheet (if any case) 3. Nationality, Age, Domicile Certificate. 4. Income Certificate 5. Leaving Certificate	1. SSC Mark sheet 2. HSC Mark sheet 3. Cast Certificate 4. Cast Validity 5. Non Creamy layer certificate 6. Nationality, Age, Domicile Certificate. 7. Income Certificate 8. Leaving Certificate.
Direct Second Year	1. SSC Mark sheet 2. HSC Mark sheet (PCM) 3. 10+2 ITI 4. Nationality, Age, Domicile Certificate. 5. Income Certificate 6. Leaving Certificate	1. SSC Mark sheet 2. HSC Mark sheet 3. 10+2 ITI 4. Cast Certificate 5. Cast Validity 6. Non Creamy layer certificate 7. Nationality, Age, Domicile Certificate. 8. Income Certificate 9. Leaving Certificate.

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जयवंत पॉलिटेक्निकमध्ये एआय, डेटा सायन्स

एआयसीटीईची विभागांना मिळाली मान्यता

डॉ. अनंतकुमार गुजर यांना यशवंतराव चव्हाण शिक्षण रत्न पुरस्कार जाहीर

८ फेब्रुवारी रोजी दुपारी ३.३० वाजता कराड येथे होणार पुरस्काराचे वितरण

विद्यार्थ्यांचा कल संशोधनाकडे असावा

डॉ. एस. ए. पाटील; जयवंत इंजिनिअरिंगमध्ये टेक्नो-फेस्ट

प्रभात

पुढारी

पुढारी

जयवंत इंजिनिअरिंग कॉलेजमध्ये आर्टिफिशल इंटेलिजन्स विभाग सुरू

जयवंत कॉलेजमध्ये एआय आणि डेटा सायन्स विभाग

'जयवंत'मध्ये करिअरच्या संधी: भिरुड

जयवंत कॉलेजच्या प्लेसमेंट विभागप्रमुखपदी वाकोदकर

यशवंत नगरी

जयवंत इंजिनिअरिंग मध्ये १ ऑक्टोबर रोजी स्वागत महोत्सव

शैक्षणिक क्षेत्रातील दोन दिगज एकत्र

प्रभात

शिवनगरच्या जयवंत कॉलजमध्ये उद्या होणार स्वागतोत्सव समारंभ

'जयवंत अभियांत्रिकी'च्या प्राचार्यपदी अनंतकुमार गुजर

लोकमत

पुढारी

जयवंत आभयांत्रिकातील इनोव्हेशनला स्टार मानांकन

प्रभात

जयवंत अभियांत्रिकी कॉलेजच्या आयआयसीला स्टार रेटिंग

Krishna's Educational Family

Krishna Institute of Medical Sciences University

Krishna Vishwa Vidyapeeth

1. Krishna Institute of Medical Sciences

2. Krishna Hospital and Medical Research Centre

3. School of Dental Sciences

4. Krishna Institute of Nursing Sciences

5. Krishna College of Physiotherapy

6. Department of Applied Science

7. Krishna School of Pharmacy

8. Krishna English Medium School(SSC)

9. Krishna Primary School(CBSE)

10. College of Education D.Ed.English Medium

Krishna Foundation

1. Jaywant International School, Wathar, Karad.(CBSE)

2. Krishna English Medium School and Junior College, Wathar, Karad.(SSC)

3. Sou. Jaymala Jaywantraoji Bhosale Krishna English Medium School Shere, Karad.

4. Krishna College of Commerce and Science, Wathar, Karad.(BCA & BBA)

5. Krishna Institute of Computer Application and Management, Wathar, Karad.(MCA)

6. Jaywant Institute of Management, Wathar, Karad.(MBA) Krishna Kala Mahavidyalaya, Wathar, Karad.

7. Adarniya Jaywantraoji Bhosale Adhyapak Vidyalaya, Wathar, Karad.

8. Shrimant Jayshreemaladevi Naik-Nimbalkar Institute of Management Studies,Phaltan(MBA)

Shetkari Shikshan Prasarak Mandal

1. Chatrpati Sambhaji Vidyalaya Shivnagar Karad

2. Sou. Tarabai Madhavrao Mohite Vidyalaya Rethare(Bk.)

3. Krishna Mahavidyalaya Junior College (Arts, Commerce, Sciences) Rethare (Bk.) Karad

4. Krishna Mahavidyalaya Senior College (Arts, Commerce, Sciences) Rethare(Bk.)Karad

5. Jaywant College of Engineering And Polytechnic, Jaywantnagar, K.M.Gad.

6. Jaywant Institute of Medical Science and Jaywant Ayurvedic Hospital & Reseach Center, K.M.Gad.

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