Yashwantrao Chavan Institute of Polytechnic Beed (YCIP Beed)

Contact Information:

- Phone: 02442-223324

Email: principal.ycip@gmail.com

Fax: 02442-222648

- Website: https://www.ycipbeed.in/

Address: **Yashwantrao Chavan Institute of Polytechnic, Barshi Road, Beed-431122 (Maharashtra).**

Principal:
Dr. Marlapalle Bapurao Gahininathrao
B.E., M.Tech., Ph.D.-Mechanical Engineering. (Principal

About YCIP Beed

Yashwantrao Chavan Institute of Polytechnic Beed (YCIP Beed) is a premier institution offering quality technical education in various engineering disciplines. Located in Beed, Maharashtra, the college aims to deliver a blend of theoretical knowledge and practical experience to help students develop a solid foundation in their respective fields.

DTE CODE : 2182

MSBTE CODE : 1158

Vision

The vision of Yashwantrao Chavan Institute of Polytechnic Beed is to become a globally recognized center of excellence in technical education by nurturing young minds with innovative thinking, transforming them into competent professionals who contribute to society's technological advancement and overall well-being.

Departments at YCIP Beed

1. Department of Civil Engineering

Focus: Civil engineering involves the planning, designing, construction, and maintenance of infrastructure such as buildings, bridges, and roads.
Key Areas of Study: Structural analysis, construction technology, materials science, and environmental engineering.

2. Department of Computer Technology

Focus: The department offers specialized training in computer programming, software development, networking, and IT infrastructure.
Key Areas of Study: Programming languages (Java, C++, Python), database management, web development, and cybersecurity.

3. Department of Electrical Engineering

Focus: This department provides students with knowledge in the field of electrical systems, circuit design, and power generation.
Key Areas of Study: Power systems, electrical machines, control systems, and circuit analysis.

4. Department of Electronics and Telecommunication Engineering

Focus: Electronics and telecommunication engineering covers the design, development, and maintenance of electronic circuits and communication systems.
Key Areas of Study: Digital electronics, microprocessors, communication systems, and signal processing.

5. Department of Mechanical Engineering

Focus: Mecanical engineering involves the design, analysis, and manufacturing of mechanical systems.
Key Areas of Study: Thermodynamics, fluid mechanics, material science, and machine design.

Faculty at YCIP Beed

YCIP Beed has a dedicated and experienced team of faculty members who play an integral role in shaping the future of students. The faculty members hold advanced degrees and substantial industry experience, ensuring that students receive quality education and guidance.

Faculty Details

First Year Department

Sr. No.	Faculty Name	Designation	Qualification
1	Mr. Raut Digambar Babasaheb	Lecturer	M.A. English
2	Mr.Warode Abhijeet Anil	Lecturer	M.Sc Physic
3	Mr. Ubale Laxmikant Harikisan	Lecturer	M.Sc Physics
4	Mr. Jagtap Mahesh Uttreshwar	Lecturer	M.Sc Math
5	Mr. Tonde Pandurang Madhukar	Lecturer	M.Sc Physics
6	Mrs. Jadhav Punam Sunil	Lecturer	M.Sc. Chemistry
7	Mrs. Dhok Pallavi Ramhari	Lecturer	M.Sc math

Civil Engineering Department

Sr. No.	Faculty Name	Designation	Qualification
1	Mr. Nasre Suresh Piraji	HOD Lecturer	B.E
2	Mr. Kendre Babu Achutrao	Lecturer	B E
3	Mr. Solanke Akshay Subrao	Lecture	B E
4	Mr. Pawar Sanjay Baban	Lecturer	B E
5	Mrs. Yadav Pinti Narayan	Lecturer	B.E.

Department of Civil Engineering

Department Vision and Mission

Name of Course	**Diploma in Civil Engineering**
Year of Establishment	**2009-2010**
Intake	**60**

Sr. No.	Civil Engineering Lab
1	**Metrology Lab**
2	Surveying Lab
3	Autocad Lab
4	Mechanics Lab
5	UTM Lab
6	Project Lab
7	Industrial Electronics Lab
8	Audio-Video Lab

Computer Technology Department

Sr. No.	Faculty Name	Designation	Qualification
1	Mr. Deshmukh Jaideep Vyankatrao	HOD Lecturer	B E (I T) M Tech (I T)
2	Mr. Swami Gaurihar Dinoddhar	Lecturer	B E (I T) M Tech (I T)
3	Mr. Dhase Ganesh Narsinhrao	Lecturer	B E (I T) M Tech (I T)
4	Mr. Damkondwar Gajanan Kishor	Lecturer	B Tech (CSE)
5	Mrs. Gaikwad Sushma Sugrivrao	Lecturer	Dip (CM) B E(CSE) M Tech (SE)

Department of Computer Technology

DEPARTMENT INFORMATION

VISION

MISSION

Name of Course	Diploma in Computer Technology
Year of Establishment	2009-2010
Intake	60

Sr. No.	Computer Engineering Lab
1	**Software Development Lab-I**
2	Software Development Lab-II
3	Networking Lab
4	Communication Lab
5	CAD/CAM Lab
4	Communication Lab

Electrical Engineering Department

Sr. No.	Faculty Name	Designation	Qualification
1	Mr. Shingare Sachin Tanaji	HOD Lecturer	B E (EEP) ME (EPS)
2	Mr. Raut Tushar Kalyanrao	Lecturer	B E (EE) MBA (HR)
3	Mrs. More Dipali Nanasaheb	Lecturer	B E (EE) ME (EPS)
4	Mr. Kulkarni Sujit Shivajirao	Lecturer	B Tech (EE) ME (CS)
5	Mr. Bahir Satyawan Sundarrao	Lecturer	Dip (EE) B E(EE)

Department of Electrical Engineering

DEPARTMENT INFORMATION

Name of Course	**Diploma in Electrical Engineering**
Year of Establishment	2010-2011
Intake	60

Electronics And Telecommunication Engg. Department

Sr. No.	Faculty Name	Designation	Qualification
1	Mr. Nakhate Sachin Bhagwatrao	HOD Lecturer	B E (ETC) M Tech (EC)
2	Mr. Anbhule Shriram Raghunathrao	Lecturer	B E (ETC) M Tech (EC)
3	Mr. Dhumal Babasaheb Ramkisan	Lecturer	B E (ETC)
4	Mr. Tambe Nitin Madhukarrao	Lecturer	B E (ETC)
5	Mr. Pande Chetan Dattataray	Lecturer	B E (ETC) M Tech (ETC)

Department of Electronics and Telecommunication Engineering

DEPARTMENT INFORMATION

Name of Course	**Diploma in Electronics and Telecommunication Engineering**
Year of Establishment	2009-10
Intake	30

Sr. No.	Electronics and Telicomunication Faculty List
1	**Communication Lab**
2	Digital Electronics
3	Basic Electronics Lab
4	LIC Lab
5	Instrumentation Lab
6	Project Lab
7	Industrial Electronics Lab
8	Audio-Video Lab

Mechanical Engineering Department

Sr. No.	Faculty Name	Qualification	Designation
1	Mr. Shaikh Fayum Jainoddin	HOD Lecturer	BE (Prod) ME (CAD CAM)
2	Mr. Momin Mohammad Imran Mohd Abdul Latif	WS Lecturer	BE (Prod) ME (MFG)
3	Mr. Landakmare Amol Babasaheb	Lecturer	Dip (ME) BE (ME)
4	Mr. Jadhav Promod Vinayak	Lecturer	Dip (ME) BE (ME)
5	Mr. Zodge Suhas Babasaheb	Lecturer	BE (Prod)
6	Mr. Khurud Santosh Parmeshwar	Lecturer	Dip (ME) BE (ME)
7	Mr. Kulkarni Gaurav Shriram	Lecturer	Dip (ME) BE (ME)

Department of Mechanical Engineering

DEPARTMENT INFORMATION

Name of Course	Diploma in Mechanical Engineering
Year of Establishment	2009-2010
Intake	90

Sr. No.	Mechanical Engineering Lab
1	**Automobile Lab**
2	Cad/Cam Lab
3	Drawing Hall
4	Communication Lab
5	CAD/CAM Lab
6	Thermal Engg Lab
7	Metrology And Quality Control Lab
8	Theory Of Machine Lab
9	Fundamental Of Electronics Lab

syllabus for the first year:

The K-Scheme diploma syllabus is a widely followed curriculum for diploma programs in engineering and technology. Here's an overview of the K-Scheme diploma syllabus for the first year:

First Semester

1. Engineering Mathematics-I: Algebra, Calculus, and Geometry

2. Engineering Physics: Mechanics, Thermodynamics, and Electromagnetism

3. Engineering Chemistry: Inorganic and Organic Chemistry

4. Computer Fundamentals & Applications: Introduction to Computers, Programming, and Applications

5. Communication Skills-I: English Language and Communication Skills

6. Workshop Practice: Basic Workshop Practices and Safety

Second Semester

1. Engineering Mathematics-II: Calculus, Differential Equations, and Statistics

2. Electrical Engineering: Basic Electrical Circuits, Electronics, and Electrical Machines

3. Mechanical Engineering: Mechanics of Solids, Fluid Mechanics, and Thermodynamics

4. Computer-Aided Design (CAD): Introduction to CAD Software and Applications

5. Communication Skills-II: Technical Communication and Presentation Skills

6. Environmental Studies: Environmental Science and Engineering

syllabus for the second year:

Second Year, Third Semester:

Theory Subjects

1. Data Structures and Algorithms: Arrays, Linked Lists, Stacks, Queues, Trees, and Graphs

2. Computer Organization and Architecture: Introduction to Computer Organization, CPU Architecture, Memory Organization, and Input/Output Systems

3. Operating Systems: Introduction to Operating Systems, Process Management, Memory Management, File Systems, and Security

4. Database Management Systems: Introduction to Database Systems, Data Modeling, Database Design, and SQL

5. Computer Networks: Introduction to Computer Networks, Network Fundamentals, Network Protocols, and Network Security

Practical Subjects

1. Data Structures and Algorithms Lab: Implementation of data structures and algorithms using programming languages like C, C++, or Java

2. Computer Organization and Architecture Lab: Experiments on computer organization and architecture using simulators or emulators

3. Operating Systems Lab: Installation, configuration, and administration of operating systems like Linux or Windows

4. Database Management Systems Lab: Design and implementation of database systems using DBMS software like MySQL or Oracle

Second Year, Fourth Semester

Theory Subjects

1. Web Development: Introduction to web development, HTML, CSS, JavaScript, and server-side scripting languages like PHP or Python

2. Software Engineering: Introduction to software engineering, software development life cycle, design patterns, and testing methodologies

3. Computer Graphics: Introduction to computer graphics, graphics fundamentals, 2D and 3D graphics, and graphics programming using OpenGL or DirectX

4. Cyber Security: Introduction to cyber security, security threats, security measures, and security protocols

Practical Subjects

1. Web Development Lab: Design and development of web applications using HTML, CSS, JavaScript, and server-side scripting languages

2. Software Engineering Lab: Implementation of software engineering principles and design patterns using programming languages like Java or Python

3. Computer Graphics Lab: Experiments on computer graphics using graphics software like Blender or Maya

4. Cyber Security Lab: Experiments on cyber security using security software like Nmap or Metasploit

syllabus for the third year:

Third Year, Fifth Semester:

Theory Subjects

1. Advanced Computer Networks: Advanced topics in computer networks, including network security, network management, and network protocols

2. Artificial Intelligence and Machine Learning: Introduction to artificial intelligence and machine learning, including neural networks, deep learning, and natural language processing

3. Database Administration: Advanced topics in database administration, including database design, database security, and database performance tuning

4. Software Testing and Quality Assurance: Introduction to software testing and quality assurance, including testing methodologies, testing tools, and quality assurance processes

5. Web Services and Cloud Computing: Introduction to web services and cloud computing, including SOA, RESTful web services, and cloud computing platforms like AWS or Azure

Practical Subjects

1. Advanced Computer Networks Lab: Experiments on advanced computer networks using network simulators like NS2 or NS3

2. Artificial Intelligence and Machine Learning Lab: Implementation of artificial intelligence and machine learning algorithms using programming languages like Python or R

3. Database Administration Lab: Experiments on database administration using database software like MySQL or Oracle

4. Software Testing and Quality Assurance Lab: Implementation of software testing and quality assurance processes using testing tools like JUnit or TestNG

5. Web Services and Cloud Computing Lab: Development of web services and cloud computing applications using platforms like AWS or Azure

Third Year, Sixth Semester:

Theory Subjects

1. Project Management: Introduction to project management, including project planning, project scheduling, and project control

2. Computer Forensics and Cyber Law: Introduction to computer forensics and cyber law, including digital evidence, cybercrime, and intellectual property law

3. Data Mining and Business Intelligence: Introduction to data mining and business intelligence, including data warehousing, data mining algorithms, and business intelligence tools

4. Network Security and Cryptography: Advanced topics in network security and cryptography, including network security protocols, cryptography algorithms, and security threats

5. Elective Course: Elective courses like Mobile Computing, E-Commerce, or Human-Computer Interaction

Practical Subjects

1. Project Management Lab: Implementation of project management processes using project management tools like MS Project or Asana

2. Computer Forensics and Cyber Law Lab: Experiments on computer forensics and cyber law using digital forensics tools like EnCase or FTK

3. Data Mining and Business Intelligence Lab: Implementation of data mining and business intelligence algorithms using tools like Weka or Tableau

4. Network Security and Cryptography Lab: Experiments on network security and cryptography using security tools like Nmap or OpenSSL

5. Elective Course Lab: Practical implementation of elective course topics using relevant tools and technologies