



E-MAGZINE 2024-25



ABOUT US

Yashwantrao Bhonsale Institute of Technology, Sawantwadi, established in 2014, is a premier and comprehensive technical institute located at Charathe, Sawantwadi. Nestled amidst serene greenery, the campus enjoys a picturesque setting that is truly unique in the educational landscape of this region of Maharashtra. Situated just 2.5 km from the historic city of Sawantwadi, the institute offers a quiet and peaceful environment, fostering an atmosphere where both faculty and students can engage wholeheartedly in the noble process of teaching and learning.

Beyond academics, YBIT is committed to creating an ecosystem of innovation, research, and holistic development. The institute not only imparts technical education but also nurtures values, creativity, and leadership qualities among its students. Its well-planned infrastructure, dedicated faculty, and student-centric approach make it a center of excellence, preparing young technocrats to meet global challenges with confidence and competence.

THE SPIRIT OF KNOWLEDGE

It gives us immense pleasure to present the E-Magazine of Yashwantrao Bhonsale Institute of Technology - Polytechnic Wing for the academic year 2023-24. This magazine is not just a collection of words and pictures, but a reflection of the creativity, enthusiasm, and innovative spirit of our students and faculty.

At YBIT, we believe that education extends beyond classrooms. It is about shaping personalities, igniting curiosity, and nurturing talents that empower students to face the challenges of the future. The pages of this magazine showcase a blend of technical knowledge, cultural vibrancy, artistic expression, and achievements of our students, capturing the true essence of campus life.

We are proud of the dedication and collaborative efforts put forth by our editorial team, faculty members, and students who have worked tirelessly to bring this edition to life. Their commitment has transformed this magazine into a platform that encourages expression, celebrates success, and inspires innovation.

As you go through this edition, we hope you experience the energy, creativity, and determination that drive the Polytechnic Wing of YBIT. Let this magazine be a source of knowledge, motivation, and joy for every reader.



YASHWANTRAO BHONSALE INSTITUTE OF TECHNOLOGY

E-MAGZINE

2024-25

BKC
BHONSALE
KNOWLEDGE CITY

QUALITY POLICY

To produce technically competent, quality conscious engineers.

To develop functionally suitable and conducive environment for students and staff for academic purpose.

To develop the departments into the centre of excellence.

To implement Effective & efficient Teaching-Learning practices.

To increase percentage of campus placements.

To strengthen industry institute interaction.

To help students for personality development and career guidance.

To develop the students and staff to get international Acclamation.

To develop an e-learning campus.



VISION & MISSION

Vision

To Nurture rural young talents through technical Education with emphasis on holistic development.

Mission

To Impart Technical Education and skills through modern teaching learning techniques.

To facilitate quality education by transmitting best engineering practices and entrepreneurial skills through Industry-Institute interaction

To inculcate life-long learning skills and ethical values among students to make them socially and environmentally responsible





YASHWANTRAO BHONSALE INSTITUTE OF TECHNOLOGY

E-MAGZINE

2024-25



PRINCIPAL

Dr. Raman R. Bane

ME, Ph.D.(Computer Sc & Engg)
NIT, Surathkal.

Principal, Yashwantrao Bhonsale
Institute of Technology (YBIT)

Contact Details

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PRINCIPAL DESK

I am delighted to welcome you to our esteemed Institute, where excellence, innovation, and creativity thrive. It is renamed as Yashwantrao Bhonsale Institute of Technology (YBIT) because of the addition of degree level programs.

Prior to this it was well known by the name Yashwantrao Bhonsale Polytechnic in which all of its programs are NBA accredited. As the Principal of the Institute, it is my honor and privilege to lead this vibrant institution dedicated to shaping the future engineers of India.

Our college stands as a beacon of knowledge and learning, driven by a deep commitment to quality education, research, and holistic development. We believe in nurturing well-rounded individuals who possess not only technical expertise but also the skills to tackle real-world challenges and contribute meaningfully to society.

Our distinguished faculty members, comprising experienced professors, industry experts are at the forefront of their fields. We encourage students to actively engage with faculty, seek mentorship, and take advantage of the numerous opportunities for research and innovation.

We strive to create an environment that fosters curiosity, critical thinking, and a passion for continuous learning. I extend my warmest greetings to all of you and invite you to embark on this transformative journey with us. Together, let us shape a future where engineering excellence and innovation drive progress and create a positive impact on society.



YASHWANTRAO BHONSALE INSTITUTE OF TECHNOLOGY

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VICE PRINCIPAL

G. A. Bhosale

BE, ME (CAD/CAM/CAE)

VICE-Principal

Yashwantrao Bhonsale Institute of
Technology

Contact Details

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VICE PRINCIPAL DESK

I am delighted to be a part of this fast growing institute, which is making positive ripples in a serene location nestled in the midst of lush green ambience at Charathe, Sawantwadi, evolving high quality engineers. It is also located close to the industrial area of Goa facilitating industrial visits and placements in core engineering companies.

At Yashwantrao Bhonsale Institute of Technology, we have designed a holistic education pedagogy where the students are able to excel not only in education but also in the field of sports and culture. They are also exposed to the rich cultural heritage of our country. We have inducted an innovative project-based learning method in which the students are made to put the theory into practice thereby enabling them to understand the subjects more thoroughly.

The innovative teaching techniques that are developed and implemented by our faculty members are sure to bring a positive transformation into the young minds of the students, enabling them to attract good campus placements. In addition to this, the diverse collaborative MOUs with leading corporate houses are adding immense value to the students and also makes them industry ready right from day one of their graduation.

Yashwantrao Bhonsale Institute of Technology will leave no stone unturned to continuously explore new possibilities for the growth and development of the students. We are marching towards greater laurels based on the strength of our dedicated faculty & staff, visionary management and aspiring students.



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ABOUT PROGRAM

Year of Establishment : 2018
Head Of Department : P.D.Kate
Email ID : prashantdkate@gmail.com
No. of Classrooms : 05
No. of Laboratories : 10
Lecturers : 12
Technical Staff : 03



DEPARTMENT OF COMPUTER ENGINEERING

The Department of Computer Engineering was established in 2018 with the vision of creating knowledgeable and responsible diploma holders. Open to students after the 10th standard, the program provides a solid foundation in core and emerging areas of Computer Engineering. The department is strengthened by a team of qualified and committed faculty members and is supported by five well-equipped laboratories with round-the-clock internet facilities, ensuring quality education and practical exposure.

Vision:

To produce Ethical and Knowledgeable diploma holders in Computer Engineering.

Mission:

To provide students with curriculum and industry based teaching learning process.

To encourage faculty and students to participate in industry academic events.

To provide social platform that generate ethical and entrepreneurship skill in students.



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DEPARTMENT OF COMPUTER ENGINEERING



PROGRAM SPECIFIC OUTCOMES (PSO)

PSO 1 : Computing And Research Ability

The ability to employ modern computer languages, environments and platforms in creating innovative career paths in Social, Mobile, Analytics and Cloud (SMAC) technologies.

PSO 2 : Foundation of Computer System

Able to apply the knowledge and principle of computer system through debugging, troubleshooting and supporting software and hardware system.





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DEPARTMENT OF COMPUTER ENGINEERING



PROGRAM EDUCATIONAL OBJECTIVES (PEO)

PEO1:- Exhibit Competency

Evolve as competent computer professionals possessing leadership skills for developing innovative solutions in multidisciplinary domains.

PEO2:- Practice Ethical Values

Portray ethical values, empathy and gratitude in the industry.

PEO3:- Practice Intrapreneurship

Provide creative, innovative and sustainable ideas/ solution to perform as Entrepreneur.

PEO4: Life Long Learning

Involve in lifelong learning to adapt the technological advancements acquired in the emerging areas of computer applications.



YASHWANTRAO BHONSALE INSTITUTE OF TECHNOLOGY

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HOD COMPUTER

Prashant D.Kate
B.E.(IT), M.Tech (CSE)
Head of Department
Computer

Contact Details

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Email :
prashantdkate@gmail.com

HOD DESK

Welcome to the Department of Computer Engineering at Yashwantrao Bhonsale Institute of Technology, Sawantwadi. The department of Computer Engineering started in 2018 and has made astounding progress in the last 4 years. We have strong Diploma program in computer Engineering.

The department is committed to provide quality technical computer skills in software and hardware relevant to industry. It concentrates on high academic standard backed by updated syllabus. The primary focus of the curriculum in the department is to impart technical knowledge to students, promote their problem development & solving skills and innovation of new technologies. Its enviable placement record reflects the success story of the department.

The department has highly qualified faculty with rich teaching.

Thank you for sparing time and visiting us.





YASHWANTRAO BHONSALE INSTITUTE OF TECHNOLOGY

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DIPLOMA IN
COMPUTER ENGINEERING

TREE PLANTATION
21/06/2024



TREE PLANTATION DRIVE

On 21 June 2024, NSS Unit of Yashwantrao Bhonsale Institute of Technology, Sawantwadi organized a Tree plantation event in collaboration with Forest Department Sawantwadi. Through this program, 100 trees were planted at BKC Campus.

This Tree Plantation activity is conducted under the guidance of Shri. Madan Kshirsagar (Van Kshetrapal, Sawantwadi) & Shri. Bhramkumar Pandit Bhojane (Van Rakshak, Sawantwadi)

On this occasion YBIT Principal Dr. Raman Bane, Vice-Principal Mr. G. A. Bhosale, all department HOD & faculty from respective departments were present. The event was successfully conducted by NSS UNIT YBIT Sawantwadi.





YASHWANTRAO BHONSALE INSTITUTE OF TECHNOLOGY

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DIPLOMA IN COMPUTER ENGINEERING

YOGA DAY



INTERNATIONAL YOGA DAY

NSS Unit of Yashwantrao Bhonsale Institute of Technology Sawantwadi, organized a Yoga session on the occasion of International Yoga Day Event Title - Conscious living and yogic lifestyle Event Content: Introduction to Ashtanga Yoga and incorporating yogic lifestyle, Basic asanas, Eye yoga for excessive screen time, Aum chanting

On this occasion YBIT Principal Dr. Raman Bane, Vice-Principal Mr. G. A. Bhosale, all department HOD & faculty from respective departments were present. The following Yoga expert faculty were present Pradipti Kotkar Certified yoga instructor & Msc in yoga therapy Riya Sawant MA Counseling Psychology The students from the Computer department & some students and faculties from other departments attended this session. The event was successfully conducted by NSS UNIT YBIT Sawantwadi.





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DIPLOMA IN
COMPUTER ENGINEERING

GUEST LECTURE
27/07/2024



RECENT TRENDS IN IOT

Seminar on IoT applications in AI and Machine Learning was organized by the Computer Department. The resource person was Mr. Aditya Vardam from the Department of Information Technology.

The session began with a welcome by Mr. P. D. Kate, followed by an introduction of the guest by Miss S. S. Kolapate. Mr. Vardam explained the concept of IoT, its difference from embedded systems, and shared examples and project ideas for third-year students.

Around 245 students and all department staff members attended the seminar. The program concluded with a doubt-clearing session and a formal vote of thanks by Miss Kolapate.



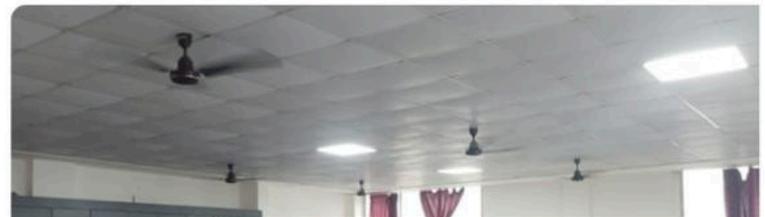


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2024-25



**DIPLOMA IN
COMPUTER ENGINEERING**



**GUEST LECTURE
01/08/2024**



WOMEN HEALTH AND HYGIENE

On 01/08/2024, the Department of Computer Engineering organized a seminar on Women's Health and Hygiene. The resource person was Dr. Pushpalata Manerikar, Community Health Officer, PHC Banda.

She spoke on the importance of women's health, reproductive and mental health, menstrual and personal hygiene, sexual hygiene, lifestyle, and nutrition. The seminar concluded with a doubt-clearing session for girl students.

Around 150 students and the department staff members attended the program.





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DIPLOMA IN
COMPUTER ENGINEERING

INDUSTRIAL VISIT
06/08/2024



INDUSTRIAL VISIT TO KOKANSAD LIVE

On 6th August 2024 Computer Engineering Department arranged an Industrial Visit of Second Year Computer Engineering(Division B)students (Diploma wing)at Konkansad Live,Sawantwadi . Students got to learn the various softwares used in Media controlling,media editing and Media Launching.In this visit students understood how to utilise the software use in print media .The various networking devices also observed by students for launching the various news events.Also they provided knowledge about the Media room working. Session was very useful and informative and surely increased the networking knowledge of students. The Purpose of this Visit is to create awareness and understanding the outside use of computer technology.The visit is guided by the konkansad live source persons Mr Gawade sir and Mr.Dhuri Sir.





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DIPLOMA IN
COMPUTER ENGINEERING

INDUSTRIAL VISIT
07/08/2024



INDUSTRIAL VISIT TO KOKANSAD LIVE

On 7 th August 2024 Computer Engineering Department arranged Industrial Visit of Second Year Computer Engineering(Division A)students (Diploma wing)at Konkansad Live,Sawantwadi . Students got to learn the various softwares used in Media controlling,media editing and Media Launching.In this visit students understood how to utilise the software used in print media .The various networking devices were also observed by students for launching the various news events.Also they provided knowledge about the Media room working. Session was very useful and informative and surely increased the networking knowledge of students. The Purpose of this Visit is to create awareness and understanding the outside use of computer technology.The visit is guided by the konkansad live source persons Mr mayuresh rawool sir and Mr.Dhuri Sir. Lecturer





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DIPLOMA IN COMPUTER ENGINEERING



GUEST LECTURE 24/08/2024



FUNDAMENTAL RIGHTS OF INDIAN CITIZENS

On 24/8/24, the Computer department in coordination with the Mechanical department, conducted a guest lecture on the subject of Fundamental Rights and Directive Principles of Indian Citizens. For the program our guest of honor was Adv.Pooja Naik Jadhav (Lawyer at civil court Sawantwadi.) She explained the rights and duties of citizens. She also focuses on the importance of voting in society. She emphasized on governance and amendment procedure of the constitution. HOD(COMPUTER) Mr P.D.Kate welcomed our guest. HOD(MECHANICAL) Mr.A.G.Rane also present for seminar. Introduction and Vote of thanks was given by Ms.S.S.Kolapate and all staff members of the computer department were present for the program





YASHWANTRAO BHONSALE INSTITUTE OF TECHNOLOGY

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DIPLOMA IN
COMPUTER ENGINEERING



INDUSTRIAL VISIT
29/08/2024



NATIONAL INFORMATICS CENTRE

On 29th August 2024, the Computer Engineering Department (Diploma Wing) organized an Industrial Visit for Third Year students to the National Informatics Center, Sindhudurgnagari. Students learned about government software and website development, networking devices, server rooms, and command-line operations for server systems. The session enhanced their knowledge of networking, servers, and practical applications of computer technology. The visit was guided by NIC officials Mr. Antony Thomas (DIO) and team. A total of 108 students participated, accompanied by faculty members and staff.





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Inauguration

Expert's Talk



Student's Talk

DIPLOMA IN COMPUTER ENGINEERING

TEACHERS' DAY 05/09/2024



TEACHERS' DAY

On the occasion of Teachers' Day, the Computer Engineering-Diploma Wing of Yashwantrao Bhonsale Institute of Technology, under COMPESA Council, organized a vibrant event themed "Student's Success is Teacher's Victory." The program featured a poster presentation competition inaugurated by Hon. Vice Principal Mr. G.A. Bhosale along with Principal Dr. R.R. Bane, all HODs, TPO, and PRO. Students from all years participated with creative posters evaluated by eminent judges. Expert talks by renowned educators, including Mr. Vijay Masurkar, and heartfelt student reflections highlighted the vital role of teachers in shaping success. The event concluded with gratitude towards all teachers, with active contribution from COMPESA council members ensuring its success.





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DIPLOMA IN
COMPUTER ENGINEERING

GUEST LECTURE
27/09/2024



WEB APPLICATION DEVELOPMENT

On Dated 27/09/2024, Department of Computer Engineering-Diploma Wing had successfully arranged Expert Lecture on Web Application Development Using Java Swing and JDBC API

Prof.Prakash N. Talankar ,HOD Computer Science Department, Sant Rawool Maharaj College,kudal was the resource person.

The Head of Computer Department Mr. P.D.Kate welcomed the guest with a bouquet of flowers. Then Ms.S.S.Kolapate introduced the guest to the students and then the session started .Sir explained how to develop Java Application using various components in Java , in very simple and understandable language.





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Note : Captured by GPS Map Camera



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DIPLOMA IN COMPUTER ENGINEERING

GUEST LECTURE 16/10/2024



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INVESTOR AWARENESS PROGRAM

Yashwantrao Bhonsale Institute of Technology, Training and Placement department and SEBI successfully organised Expert lecture on the topic Investor awareness program on Wednesday, 16th October 2024 at 3 pm for Third Year Computer Department (Division A) students

The eminent speakers for said lecture was Mr. Jambhalikar Sir and Jadhav Sir. Experts explained the importance of investment, the money growth and the investment security provided by the SEBI.

The session was informative and students discussed the things with experts about the investment.

This program was successfully coordinated by Mr. S.M. Mayekar, Mr. R.C. Dhandekar, Department HOD Mr. P.D. Kate sir. Introduction and vote of thanks given by Ms. S. S. Kolapate and Mr. R. C. Dhandekar sir respectively. 60 Students were present for this expert lecture





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DIPLOMA IN COMPUTER ENGINEERING

PARENT'S MEETING 19/10/2024



PARENT'S MEETING

On 19th October, the Computer Engineering Department (Diploma Wing) organized a Parent-Teacher Meet for SY and TY students to discuss academic progress and overall performance. The meet began with condolences to late Shri Ratan Tata, followed by felicitation of toppers and competition winners. HOD Mr. P.D. Kate shared departmental activities, future plans, and NBA preparation, while TPO Mr. M.R. Desai guided on career opportunities and startups. Vice Principal Mr. G.A. Bhosale addressed students and parents, and parents Mr. Chavan and Mrs. Andurlekar shared their feedback. One-to-one mentor interactions were also held. A total of 215 parents attended. The program was well coordinated by all faculty under HOD's guidance.





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E-MAGZINE 2024-25



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DIPLOMA IN COMPUTER ENGINEERING

WORKSHOP 21&22/10/2024



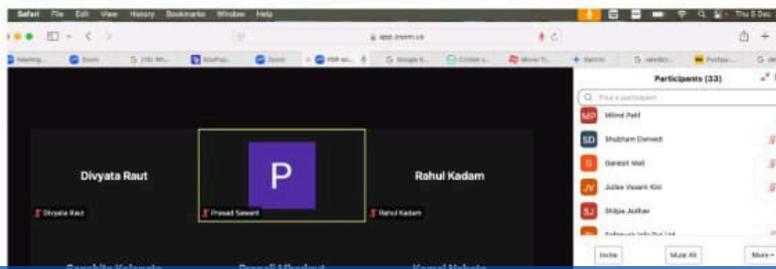
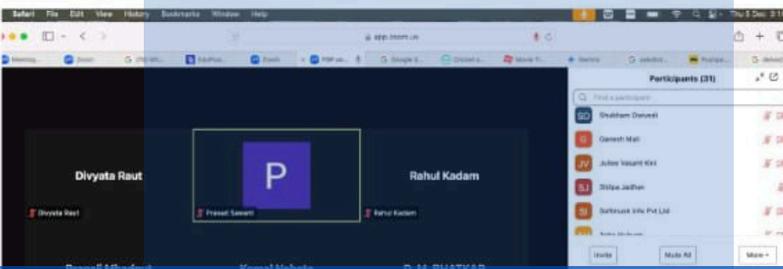
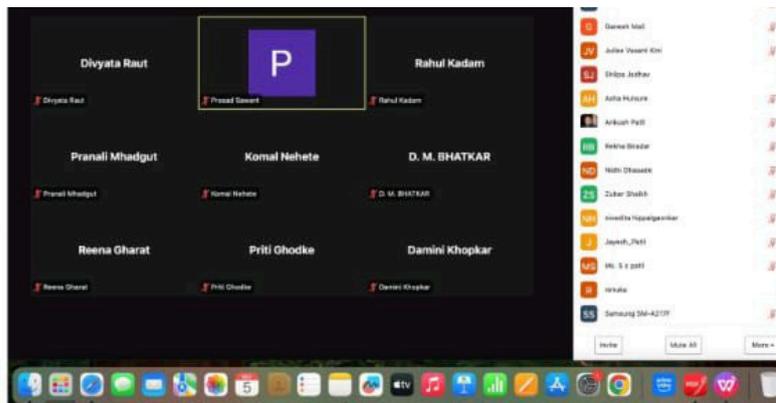
IOT INSIGHTS

The Computer Engineering Department (Diploma Wing), YBIT, organized a two-day ISTE-approved self-financed workshop "IoT Insights: Building the Future" on 21st & 22nd October 2024. Renowned expert Mr. Aditya Vardam (SPK College, Sawantwadi) guided sessions covering IoT concepts, trends, and applications with hands-on practice. Third-year students actively participated in discussions and activities. The workshop was anchored by Ms. Sanchita Kolapate and coordinated by Mr. Suraj Sawant and Mr. Ravi Dhandekar. HOD Mr. P.D. Kate appreciated the event, which successfully enhanced students' IoT knowledge and skills.



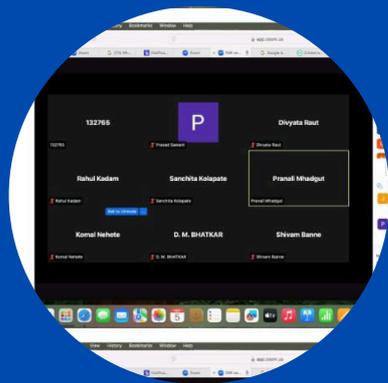


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DIPLOMA IN COMPUTER ENGINEERING

FDP
4&5/12/2024



AI AND MACHINE LEARNING IN INDUSTRY

The Computer Engineering Department (Diploma Wing), YBIT, organized a two-day Faculty Development Program on “Artificial Intelligence and Machine Learning in Industry” from 4th–5th December 2024. A total of 65 faculty members from various institutes across Maharashtra participated. The sessions, conducted on Zoom by experts Mr. Shivam Banne and Mr. Amit Halasure (Softmusk Pvt. Ltd.), focused on enhancing AI & ML teaching skills. The FDP began with an inauguration by Principal Dr. Raman Bane, Vice Principal Mr. G.A. Bhosale, and HOD Mr. P.D. Kate. The program concluded with a valedictory ceremony where dignitaries and resource persons shared their views. The event was successfully coordinated by the Computer Department faculty.





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DIPLOMA IN
COMPUTER ENGINEERING

SOCIAL DRIVE
08/01/2025



POLICE RAISING WEEK

On 8th January 2025, Third-Year Computer Engineering (Diploma) students of YBIT attended the Police Raising Week program at Sawantwadi, inaugurated by Addl. SP Mr. Krushikesh Rawale in the presence of Hon. Executive Chairman of BKC Mr. Achyut Sawant-Bhonsale. The program aimed to build interaction between police and citizens. Students gained insights on cyber security, forensic tools, narcotics kits, fingerprint analysis, weapons, bomb and drug detection by the dog squad, and traffic safety systems. Faculty members Mr. S.A. Sawant and Mr. S.M. Mayekar accompanied the students.





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DIPLOMA IN
COMPUTER ENGINEERING

Sawantwadi, Maharashtra, India

INDUSTRIAL VISIT
22/01/2025



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Lat 15.90458° Long 73.844834°
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I NET SOLUTIONS

On 22 nd January 2025 Computer Engineering Department arranged Industrial Visit of Second Year Computer Engineering(Division A and B)students (Diploma wing)at I net Solutions ,Sawantwadi . Students got to learn the various softwares used in Data Transferring,Data Communication and Broadcasting .In this visit students understood how to set up the Networking structure using various networking devices.The various networking devices and their operations were also learned by the students . Also they provided knowledge about the various networking cables used for data transfer . Session was very useful and informative and surely increased the networking knowledge of students. The Purpose of this Visit is to create awareness and understanding the outside use of computer technology and Data Communication .

The visit is guided by the I net solution resource persons Mr.Ganesh Naik and Amey sir. Total 134 students were present for the visit.





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DIPLOMA IN
COMPUTER ENGINEERING

EXPERT LECTURE
24/01/2025



SERVICE NOW PLATFORM

Yashwantrao Bhonsale Institute of Technology organized a guest lecture on ServiceNow, led by industry expert Mr. Sonu Parab. The session, guided by HOD Mr. P.D. Kate and anchored by Miss S.S. Kolapte, offered students valuable insights into ServiceNow tools and their real-world applications. The interactive lecture was well-received, highlighting the institute's commitment to bridging the gap between academia and industry.





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DIPLOMA IN
COMPUTER ENGINEERING

EXPERT LECTURE
25/01/2025



WALSTAR IT INDUSTRY

The Third Year Computer Engineering Diploma students of Yashwantrao Bhonsale Institute of Technology recently visited WalStar IT Industry, Kolhapur, as part of their academic program. The visit began with a fun registration activity, and Ms. Sneha, HR Rep from WalStar, facilitated the event. Students attended informative sessions on Full Stack Development, including topics like front-end and back-end development, WordPress tutorials, API integration, and UI creation. The visit provided valuable insights into industry practices and was well-received by the students.





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DIPLOMA IN
COMPUTER ENGINEERING

EXPERT LECTURE
27/01/2025



ROLE OF AI IN NEXT GENERATION SYSTEMS

The Diploma Wing of Yashwantrao Bhonsale Institute of Technology, Sawantwadi, organized a guest lecture on "Role of AI in Next Generation Systems" by Prof. Ms. Poonam Kadam, Vice Principal of MITM, Sindhudurg. The event, anchored by Mr. T.C. Mhapankar, covered the basics of AI, its applications, challenges like data quality and bias, and its role in next-gen systems. Two students, Ms. Pooja Sarmalkar and Ms. Arya Pawar, were felicitated for their campus selection at Wipro Infotech. The lecture inspired students to explore AI and its potential. The event ended with a vote of thanks and a gift presentation to the guest lecturer.





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DIPLOMA IN
COMPUTER ENGINEERING

EXPERT LECTURE
03/03/2025



SOCIAL MEDIA: CONNECTING OR ISOLATING?

The Diploma Wing Computer Department of Yashwantrao Bhonsale Institute of Technology (YBIT) organized a guest lecture on “Social Media: Connecting or Isolating?” on 03 March 2025. Delivered by Prof. Manoj Khadilkar, Assistant Professor at YBIT, the session explored the dual nature of social media—its power to connect as well as isolate.

Attended by SY, TY, and FY students along with faculty members, the event saw active participation and thoughtful discussion. The lecture was coordinated by Mr. T.M. Patil and graced by HOD Mr. P.D. Kate, who welcomed the speaker, and Ms. S.S. Kolapate.

Prof. Khadilkar's insights encouraged students to reflect on their digital habits, emphasizing mental health and real-world connections. The event concluded with a vote of thanks by Mr. P.D. Kate and was highly appreciated by all attendees. The department looks forward to hosting more such enriching sessions.





YASHWANTRAO BHONSALE INSTITUTE OF TECHNOLOGY

E-MAGZINE 2024-25



DIPLOMA IN COMPUTER ENGINEERING

PARENT'S MEET 07/03/2025



PARENT'S MEET

On 07 March 2025 the Computer Engineering Department (Diploma wing) organized Parent-Teachers meet for the Computer Department Students. The main objective of the Parents meeting was to share the academic progress and overall performance of the students with their parents. After that felicitation of students who were runner up and Winner in different competitions, also toppers in MSBTE Winter 2024 exam.

After felicitation Mr. P.D.Kate sir HOD CO discussed various departmental activities with parents such as guest lecture, industrial visit, workshop, future plan of the department and also gave the message about the upcoming NBA Visit.

Mr. M.R. Desai sir TPO Head of institute discusses future opportunities for Computer engineers regarding jobs and training parameters and startup innovation .

For the above said meet Principal Dr. R.R.Bane and Vice Principal, Mr. G. A. Bhosale sir guided students and parents about academics. From parents, Mr.Sawant shared their views about the Department and also the institute. At the end, one to one interaction of parents with Mentor was done.





YASHWANTRAO BHONSALE INSTITUTE OF TECHNOLOGY

E-MAGZINE 2024-25

DIPLOMA IN
COMPUTER ENGINEERING

ALUMNI INTERACTION
18/03/2025



ALUMNI INTERACTION

The Yashwantrao Bhonsale Institute of Technology, Sawantwadi, hosted an enlightening alumni interaction session for its third-year students. The event featured Mr. Mihir Sawant and Shweta Sawant, a distinguished alumna from the institute, who shared valuable insights and experiences from their professional journey.

Mr. Mihir Sawant and Shweta Sawant, who passed out from the institute in 2022-23, regaled the students with anecdotes from their time at the college and their subsequent successes in the industry. The alumna emphasized the importance of perseverance, hard work, and adaptability in achieving one's goals.

The interactive session saw enthusiastic participation from the students, who posed questions and sought guidance on various aspects of career development and professional growth. Mr. Mihir Sawant and Shweta Sawant offered words of encouragement and motivation, urging the students to chase their dreams and never give up on their aspirations.





YASHWANTRAO BHONSALE INSTITUTE OF TECHNOLOGY

E-MAGZINE 2024-25

DIPLOMA IN
COMPUTER ENGINEERING

ALUMNI INTERACTION
21/03/2025



ALUMNI INTERACTION

On 21 March 2025, the Diploma Wing (Computer Department) of Yashwantrao Bhonsale Institute of Technology, Sawantwadi, organized an engaging alumni interaction for third-year students, featuring Mr. Bhaskar Dhuri, a notable alumna from the 2021-22 batch.

Mr. Dhuri shared practical tips on campus placements, aptitude tests, and communication skills, while also introducing students to useful platforms like GitHub and Preplnsta. He emphasized perseverance, adaptability, and self-belief as keys to success.

The session saw active student participation and concluded with a vote of thanks by Mr. S. M. Mayakar. HOD Mr. P.D. Kate praised Mr. Dhuri's contributions, highlighting the impact of successful alumni in shaping the institute's legacy.





YASHWANTRAO BHONSALE INSTITUTE OF TECHNOLOGY

E-MAGZINE

2024-25

DIPLOMA IN
COMPUTER ENGINEERING

PROJECT COMPETITION
29/03/2025



TECHCELLENCE 2K25

Yashwantrao Bhonsale Institute of Technology (YBIT), Sawantwadi, successfully hosted the ISTE Approved Self-Financed State-Level Project Competition TECHCELLENCE 2K25 on 29 March 2025 in offline mode. The event served as a vibrant platform for engineering students to showcase their innovative projects across domains like IoT, AI, smart systems, and robotics.

The inauguration was graced by Hon. Administrative Coordinator Mrs. Sunetra Phatak, Principal Dr. R.R. Bane, Vice-Principal G.A. Bhosale, and HODs of various departments. Jury members Mr. Manoj S. Khadilkar and Mr. Aditya Masurkar evaluated the projects based on innovation, execution, and real-world impact.

Winners: Smart Spray Robo Using IoT

Runners-up: One Card One Nation

Both projects were presented by YBIT Sawantwadi students. Participants from institutes like Government Polytechnic Ratnagiri, KPIT Mudal, and YBIT showcased excellent creativity and technical skill. The event concluded with a felicitation ceremony and a vote of thanks by Ms. S.S. Kolapate. TECHCELLENCE 2K25 highlighted YBIT's strong focus on innovation, research, and technical excellence.





E-MAGZINE VIRTUOSIC

Victory For YBIT Computer Department 2024-25



**DIPLOMA IN
COMPUTER ENGINEERING**



**PROJECT COMPETITION
04/04/2024**



YBIT STUDENTS WIN BIG AT 'VIRTUOSIC'

Diploma Computer students from YBIT, Sawantwadi, achieved outstanding success at the 'Virtuosic' national-level technical competition held at SSPM College of Engineering, Kankavli.

1st Prize : Semi-Humanoid Bot with Integrated AI – Atharva Narvekar, Lav Parab, Saiesh Thakar, Mitesh Ghadi (Guide: Ravi Dhandekar)

2nd Prize (Shared): One Card One Nation – Prathamesh Keravadekar, Ganesh Majalkar (Guide: Jagannath Gawade)

Smart Care Robot – Mahadev Kamble, Manav Agrawal, Aman Newgi (Guide: Prashant Kate)

3rd Prize: Smart Spray Robo Using IoT – Raghu Zore, Parth Parab, Shruti Chauhan (Guide: Suraj Sawant)

Management and faculty congratulated the students and mentors on their success.





YASHWANTRAO BHONSALE INSTITUTE OF TECHNOLOGY

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DIPLOMA IN
COMPUTER ENGINEERING

FAREWELL
17/04/2024



FAREWELL TO FINAL-YEAR DIPLOMA STUDENTS

The farewell ceremony for third-year diploma students of Yashwantrao Bhonsale Institute of Technology was held on 17 April 2025 in a heartfelt atmosphere. Students from the 2022-23 batch were wished success as they prepare to graduate.

The event was graced by Executive President Achyut Sawantbhosale, along with department heads Harshal Pawar, Prashant Kate, Prasad Sawant, Abhishek Rane, and Mahesh Patil. Mr. Sawantbhosale encouraged students to apply their technical skills and uphold values and discipline in life.

Students emotionally reflected on their college journey, and a farewell lunch followed. The event was smoothly hosted by ****Amar Prabhu****.





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DIPLOMA IN CIVIL ENGINEERING

ABOUT PROGRAM

Year of Establishment : 2014

HOD : P. P.Sawant

No. of Classroom : 3

No. of Tutorial Room : 1

No. of Laboratories : 6

Lecturers : 6

Technical Staff : 3

Non-Technical Faculty : 2

DEPARTMENT OF CIVIL ENGINEERING

Civil engineering is the oldest engineering discipline, is being offered at this institute from the academic year 2014. This department is endowed with a high caliber, dedicated, well qualified and experienced team of professionally inclined faculty. To sustain global competition, innovative techniques will be utilized to expose the students to the latest trends and practices in the construction industry through various activities like site visits, seminars by experts from fields and technical projects.

The main objective of the Departments is to provide students with the necessary skills and practical experience to fulfill their professional duties and responsibilities in teamwork, along with ethics, technical leadership, business acumen and lifelong learning. This will provide the path for the students to become a future engineer, innovators and make substantial contributions to the society of Civil Engineers.





YASHWANTRAO BHONSALE INSTITUTE OF TECHNOLOGY

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2023-24

DIPLOMA IN CIVIL ENGINEERING

ABOUT PROGRAM

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 Construction Planning and Development:

Execute the best possible civil engineering designing, planning, construction and maintenance using relevant tools, materials and resources.

PSO2: Construction Execution and Maintenance:

Execute civil engineering construction and maintenance using relevant materials and equipment.



DEPARTMENT OF CIVIL ENGINEERING

Vision:

To instil fundamental principles of Civil Engineering in our students which inspire them to create innovative solutions.

Mission:

M1: To develop problem solving skills of our students through quality education and team synergy.

M2: To introduce our students and faculties with outside world for their holistic development.

M3: To serve the society through technical contribution in civil engineering.





YASHWANTRAO BHONSALE INSTITUTE OF TECHNOLOGY

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DIPLOMA IN CIVIL ENGINEERING

ABOUT PROGRAM

Program specific outcomes (PSOs)

PSO 1 : Construction Planning and Development:

Execute the best possible civil engineering designing, planning, construction and maintenance using relevant tools, materials and resources.

PSO2 : Construction Execution and Maintenance

Execute civil engineering construction and maintenance using relevant materials and equipment.

DEPARTMENT OF CIVIL ENGINEERING

Program Educational Objective (PEO's)

PEO 1: Practice Intrapreneurship

Practice professional brilliance to become successful intrapreneurs and contributors to society.

PEO 2: Exhibit Professional Excellence

Apply technical skills in the planning, design, construction and maintenance of civil engineering projects.

PEO 3: Embark Life Long Learning

Engage in research and development and take up higher education to attain the cutting edge information in Civil Engineering.

PEO 4: Exhibit Leadership

Solve broad-based problems individually and as a team member communicating effectively in the work environment.





YASHWANTRAO BHONSALE INSTITUTE OF TECHNOLOGY

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2023-24

DIPLOMA IN CIVIL ENGINEERING

HOD

Prasad P.Sawant

B.E. (Civil), M.E.(Civil)

Head of Department

Contact Details

Phone : 9403101880

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HOD DESK

It gives me great pleasure to introduce the Civil Engineering Department at YBIT, established in 2014. Backed by a team of qualified and dedicated faculty, the department earned NBA accreditation in 2019, marking a milestone in our commitment to academic excellence.

We offer core courses like Building Construction, Design of Structures, Surveying, and more, with a strong focus on practical learning through well-equipped labs and the unique Material Museum Lab. We also promote holistic development by encouraging students to participate in co-curricular and extra-curricular activities, while faculty engage in continuous professional development.

Industrial visits, expert talks, and consultancy services further bridge the gap between academics and industry. We are proud to nurture competent civil engineers ready to meet real-world challenges.





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DIPLOMA IN CIVIL
ENGINEERING

FIELD VISIT
23/07/2024



TRAFFIC VALUME SURVEY

Students of TYCE and SYCE class conducted Traffic Volume Survey (TVS) at Chattrapai Shivaji Maharaj Chowk, Sawantwadi, on 23th July 2024. The main objectives of TVS are:

It provides a true measure of the relative importance of roads and decides the priority of improvement and expansions.

It is used in planning traffic operations, controlling existing facilities and designing new facilities.

It helps in the analysis of traffic patterns and trends.

It is used in planning one-way streets and other regulatory measures.

Pedestrian traffic volume study is used for planning sidewalks, crosswalks, subways and pedestrian signals.

The visit was co-ordinated by Mr. P. D. Naik sir and Mrs. N. Y. Yadav madam.





E-MAGZINE

2024-25



DIPLOMA IN CIVIL
ENGINEERING

FIELD VISIT
22/08/2024

Highway Engineering Field



HIGHWAY ENGINEERING

Department of Civil Engineering organized a field visit for SYCE class at Malgaon Highway Intersection on 22nd of August 2024. The aim of the visit was to identify the component parts of an Highway and make a Photographic Report. In this visit the students observed following elements of the Geometric Design of Highways:-

- Carriageway
- Traffic Separator Island
- Kerb
- Camber
- Formation Width
- Shoulder
- Road markings
- Traffic signs
- Grade separated intersection

The visit was coordinated by Mr. P. D. Naik and Mr. V. D. Gawade sir.





E-MAGZINE

2024-25

**DIPLOMA IN CIVIL
ENGINEERING**

**FIELD VISIT
24/08/2024**



CONSTRUCTION SITE

Department of Civil Engineering organized a field visit for FYCE class at YBIS building under construction on 24th of August 2024. The aim of the visit was to identify the component parts of Substructure and Superstructure, Field tests on Bricks and Types of brick bonds. The visit was coordinated by Ms. H.S. Shaikh and Mr. V. D. Gawade sir.





FIELD VISIT TO A CONCRETE ROAD CONSTRUCTION SITE

E-MAGZINE

2024-25

CONCRETE ROAD AT BANDA FLYOVER SITE



DIPLOMA IN CIVIL
ENGINEERING

FIELD VISIT
31/08/2024



CONCRETE ROAD C



CONCRETE ROAD CONSTRUCTION

Department of Civil Engineering organized a field visit for SYCE class at Banda Flyover Construction Site on 31st of August 2024. The aim of the visit was to identify the component parts of a Rigid Pavement under construction and make a Photographic Report. At the site students were guided by Project Head Mr. D. Masali sir and Site Engineers Mr. L. Bandekar and Mr. A. Bagwe from Trimurthy Constructions. In this visit, students identified following components of concrete pavement:-

Subgrade preparation by grader and roller.

Courses in a concrete pavement.

Joints in concrete pavement

High-speed barriers

Super-elevation

Concrete paver machine

Joint filler and sealer

PQC and DLC specifications

Dowel bars at joints.

The visit was coordinated by Mr. P. D. Naik and Mrs. N. Y. Yadav.





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**DIPLOMA IN CIVIL
ENGINEERING**

**FIELD VISIT
31/08/2024**



RMC PLANT

Department of Civil Engineering organized a field visit for SYCE class at Banda RMC PLANT Site on 31st of August 2024. At the site students were guided by Project Head Mr. D. Masali sir and Site Engineers Mr. L. Bandekar and Mr. A. Bagwe from Trimurthy Constructions. The main Objectives of RMC plant

To study the plant, specification, resources, operations, processes.

Analyse the quality control process and practices over there

Check whether the RMC plant is working to its capacity
To understand the demand of Ready mix concrete in the market
The visit was coordinated by Mr. P. D. Naik and Mrs. N. Y. Yadav.





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DIPLOMA IN CIVIL ENGINEERING

TEACHERS DAY 05/09/2024



TEACHERS DAY

On 5th Sept. 2024, Yashwantrao Bhonsale Institute of Technology (Diploma Wing) celebrated Teachers' Day with great enthusiasm. The program began with the welcome of dignitaries, lamp lighting, and garlanding of Dr. Sarvepalli Radhakrishnan's portrait.

Hon. Executive Chairman Mr. Achyut Sawant Bhonsale, Principal Dr. R. R. Bane, and other dignitaries highlighted the role of teachers in shaping society. Student Dattaraj Kode shared insights on Dr. Radhakrishnan's life, followed by a documentary emphasizing the impact of teachers.

The event was anchored by Prajyot Dalvi (TYCE) and successfully organized by the Civil Engineering Students Organization.





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DIPLOMA IN CIVIL
ENGINEERING



CONCRETE DAY



CONCRETE DAY

The Civil Engineering Department of YBIT (Diploma Wing) celebrated Concrete Day to mark the foundation of the Indian Concrete Institute (ICI). Guest speakers from Ultratech Cement—Mr. Narendra Kekhalekar, Mr. Laxman Pawaskar, and Mr. Jagdish Talwar—addressed the students. Sessions included discussions on concrete grades, admixtures, waterproofing methods, rainwater harvesting systems, and demonstrations of sieve analysis, fineness modulus, mixing methods, and cube testing.

The program was coordinated by HOD Mr. P.P. Sawant, anchored by student Atharva Dhuri, and witnessed active participation from all Civil Engineering students.





YASHWANTRAO BHONSALE INSTITUTE OF TECHNOLOGY

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DIPLOMA IN CIVIL
ENGINEERING

ENGINEER'S DAY
15/09/2024



ENGINEER'S DAY

Yashwantrao Bhonsale Institute of Technology, Bhonsale Knowledge City, celebrated Engineers' Day with great enthusiasm on 15th September. The event began with lamp lighting by Principal Dr. Raman Bane and floral tribute to Bharat Ratna Dr. M. Visvesvaraya by Vice Principal Mr. G.A. Bhosale.

On this occasion, faculty and students remembered Dr. Visvesvaraya's immense contribution to India's infrastructure development and his legacy as the "Father of Engineering." The program was organized by the Civil Engineering Department and attended by HoDs, staff, and students from both Degree and Diploma wings.





YASHWANTRAO BHONSALE INSTITUTE OF TECHNOLOGY

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DIPLOMA IN CIVIL
ENGINEERING

FIELD VISIT
25/09/2024



WATER AND SEWAGE TREATMENT PLANT

Department of Civil Engineering , TY civil class Visited to a water treatment plant and sewage treatment plant at Ichalkaranji on 25/09/2024. Mr. Sandeep Kamble and Mr. Nitin Gore sharing valuable knowledge with our T.Y. Civil engg. students.

This visit was co-ordinated by Mr. P. P. Sawant, Mrs. N. Y. Yadav and Mr. V. D. Gawade.





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DIPLOMA IN CIVIL
ENGINEERING

FIELD VISIT
25/10/2024



SIGNAL CONTROL AT INTERSECTIONS

The Civil Engineering Department organized a field visit for TYCE students to Ichalkaranji on 25th September 2024. The objective was to study traffic signals at intersections and understand their role in controlling conflicting traffic movements. Students observed how proper signal timing enhances safety, prevents accidents, and ensures efficient vehicular and pedestrian flow.

The visit was successfully coordinated by HOD Mr. Prasad Sawant along with Mrs. N.Y. Yadav and Mr. V.D. Gawade.





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DIPLOMA IN CIVIL
ENGINEERING

FIELD VISIT
27/09/2024



WATER RESOURCE ENGINEERING

Department of Civil Engineering organized a field visit on 27th September 2024 to Tillari Dam, Konal Dodamarg for TY CE class under the course Water Resource Engineering. Students got the exposure to Pick up Weir, Earthen Dam and Gravity Dam sites. Mr Gajanan Buchdekar Deputy Engineer, Mr. Uttam Turambekar, JE WRD and Mr. Umaji Desai JE WRD Dodamarg guided students throughout the visit. They covered the following points.

Control levels and reservoir capacity of dams
Spillway gates operation and Energy Dissipators in the gravity dam.

Main canal and Tail canal diversions.

Stone pitching, turfing, berms, cross drains and Longitudinal drains in the Earthen dam.

Power generation at the Pick Up weir.

Visit was successfully planned and executed by Ms. Hawabi. S. Shaikh, Mr. Parth. D. Naik and Mr. Vishwanath. D. Gawade.





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DIPLOMA IN CIVIL
ENGINEERING

GUEST LECTURE
08/10/2024



VALUATION

Department of Civil Engineering Yashwantrao Bhonsale Institute of Technology organized a guest lecture on 8 October 2024. On topic "Valuation" for third year Student eminent speaker Mr. Vishal More Area Technical manager, IndusInd bank mumbai invited as guest speaker Sir started the session with basic information of valuation and gave the importances of valuation in field.

The main objective of guest lecture was

- To identify the future growth in valuation
- To encourage the students to select work profile as valuator
- To identify data required to valuation
- To verify the data as per the norms
- This guest lecture organized by Mr. P.P.Sawant, HOD CE Dept. & Mr. K.R. Manerikar Lecturer in CE Dept.





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DIPLOMA IN CIVIL
ENGINEERING



PARENT'S MEET
15/10/2025



PARENT TEACHER MEET

The Civil Engineering Department organized a Parent-Teacher Meet for SY and TY students on 15th October 2024. The program began with the felicitation of Model Making Competition winners, toppers in the MSBTE exam, and faculties who completed their Master's in Engineering.

HOD Mr. P.P. Sawant highlighted departmental activities, future plans, and the upcoming NBA visit. Training & Placement Head Mr. M.R. Desai discussed career opportunities for civil engineers. Vice Principal Mr. G.A. Bhosale guided parents and students on academics.

Parent representative Mr. Rajendra Mhapsekar shared his views, followed by one-to-one mentor-parent interaction. The meeting concluded successfully with the active involvement of all faculty members.





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"FIELD VISIT TO IDENTIFY DIFFERENT TYPES OF DEFECTS IN FLEXIBLE PAVEMENT"

DIPLOMA IN CIVIL
ENGINEERING

FIELD VISIT
18/10/2024

HIGHWAY ENGINEERING

Department of Civil Engineering organized a field visit on 18th October 2024 to Vazarwadi, Charathe for SYCE class under the course Highway Engineering. The aim of this visit was to identify the different types of defects in a flexible pavement. During this visit the students observed following types of defects:-

- Rut Formation
- Corrugations
- Alligator cracks
- Potholes
- Raveling

Visit was successfully planned and executed by Mr. Parth. D. Naik





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DIPLOMA IN CIVIL
ENGINEERING



ALUMNI INTERACTION
18/11/2024



ALUMNI INTERACTION SESSION

On 18 Nov. 2024 our Alumni student Mr. Prathamesh Gawas (Pursing Degree at AISSMS College of Engineering Pune) passing batch 2022- 23 visited Civil Engineering Department. While interacting with our students he shared his academic journey, study techniques, importance of discipline, importance of Micro project and Capstone project.

This interactive session was introduced and concluded by Mr. K. R. Manerikar sir and session was arranged by Mr. P. P. Sawant Sir, HOD of Civil Department and Mr. K. R. Manerikar sir.





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DIPLOMA IN CIVIL
ENGINEERING

FIELD VISIT
23/01/2025



REBOUND HAMMER TEST

Department of Civil Engineering organized a field visit for TYCE class at YBIS Campus, Charathe on 23rd of January 2025. The aim of the visit was to conduct Rebound Hammer Test on RCC members. In this visit the students conducted Rebound Hammer Test on RCC columns and Plinth Beams of new YBIS building. It is a Non-Destructive test which give quick and easy estimation of the compressive strength of concrete without damaging it.

The visit was coordinated by Mr. P. D. Naik and Mr. V. D. Gawade sir.





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DIPLOMA IN CIVIL
ENGINEERING

FIELD VISIT
22/02/2025



BUILDING MATERIAL AND CONSTRUCTION

The Department of Civil Engineering organized a field visit for students of FY Civil class for course Building material and Construction on

- Masonry Bonds
- Plastering
- Scaffolding
- Formwork
- Water Proofing Method
- Staircase Components
- Painting Methods

on 22th Feb 2025 at New YBIS building, near shilpagram sawantwadi. Students observed components of scaffolding, mortar proportions, internal and external painting methods and technical terms of Staircase, formwork. The visit was coordinated by Mrs Nandita Yadav madam and Mr V.D.Gawade sir





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2024-25

DIPLOMA IN CIVIL
ENGINEERING

WORKSHOP
27-28/02/2025



PROFESSIONAL BUILDING ESTIMATION

The Civil Engineering Department of YBIT Diploma Wing organized a two-day workshop on Professional Building Estimation for SY and TY students from 27th-28th February 2025. The inauguration was graced by Vice Principal Mr. G. A. Bhosale and HoD Mr. Prasad Sawant. The workshop was conducted by Prof. P. S. Koli (Ph.D. Scholar, Civil Engineering), Director of Swami Samarth Training Academy.

A total of 56 students actively participated and gained knowledge about cost estimation, project budgeting, and data analysis. Anchoring was done by TYCE student Mr. Prajyot Dalvi, and the program concluded with student feedback. The event was successfully organized by the Civil Engineering Department.





YASHWANTRAO BHONSALE INSTITUTE OF TECHNOLOGY

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DIPLOMA IN CIVIL
ENGINEERING

PARENT'S MEET
07/03/2024



PARENT'S MEET

Yashwantrao Bhonsale Institute of Technology, Sawantwadi (Polytechnic Wing) organized a Parent-Teacher Meet on 7th March 2025 with the presence of 629 parents, all HODs, teaching and non-teaching staff.

The program included felicitation of dignitaries, appreciation of toppers, interaction of HODs with parents, and guidance by TPO Mr. Milind Desai on job opportunities. Parent representative Mr. Pravin Sawant expressed satisfaction with his decision to admit his daughter at YBIT. Vice Principal Mr. G. A. Bhosale shared academic updates, while Principal Dr. Raman Bane guided parents on the new K-scheme curriculum and student discipline.

The event concluded with anchoring and vote of thanks by Mr. A. G. Prabhu, followed by parent-mentor interaction.





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DIPLOMA IN CIVIL
ENGINEERING

FIELD VISIT
13/03/2024



WASTE DISPOSAL PLANT

The Department of Civil Engineering organized a field visit for TYCE students to the Karivade Waste Disposal Plant on 13th March 2025. The visit aimed to study municipal solid waste management methods and machinery and prepare a photographic report.

Guided by Plant Supervisors Mr. Akshay Pandit and Mr. Gauresh Waskar, students observed waste segregation, compaction using baling machine, recycling, biogas and composting practices, vermi-composting, and disposal methods adopted in Sawantwadi Taluka.

The visit was coordinated by Ms. H. S. Shaikh and Mr. V. D. Gawade.





E-MAGZINE 2024-25



DIPLOMA IN CIVIL
ENGINEERING

FIELD VISIT
22/03/2025



BUILDING MATERIAL AND CONSTRUCTION

The Department of Civil Engineering organized a field visit for students of FY Civil class for course Building material and Construction on

- Flooring
- Roofing
- Door Components
- Window Components
- Plastering
- Pointing

on 22nd March 2025 at Panchami heights Near R.P.D college sawantwadi. Students observed components of door , windows, mortar proportions, internal and external plastering methods and technical terms of roofing and flooring. The visit was coordinated by Mrs Nandita Yadav madam and Mr V.D. Gawade sir





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DIPLOMA IN CIVIL
ENGINEERING

FIELD VISIT
03/04/2025



WATER TREATMENT PLANT

The Department of Civil Engineering organized a field visit for SYCE students to the Chandel Water Treatment Plant, Pernem, Goa on 3rd April 2025. The 30 MLD capacity plant supplies drinking water to Pernem and Arambol talukas.

Students, guided by Plant Supervisor Mr. Denzel Dsouza, studied various processes such as valves, screening, cascading aerators, clariflocculator, flash mixer, disinfection, rapid sand filter, backwashing, lab testing, and pump distribution. The visit aimed to understand water purification and prepare a photographic report.

The visit was coordinated by Mr. Parth Naik and Mr. V. D. Gawade.





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DIPLOMA IN MECHANICAL ENGINEERING

ABOUT US

Year of Establishment : 2014
Head Of Department : Mr. A. J. Rane
No. of Classroom : 04
No. of Laboratories : 12
Teaching Staff : 08
Technical Staff : 04

Vision:

To have a foundational impact on our students through continual education in Mechanical Engineering.

Mission:

Mission 1: To transform our students into employable engineers using fundamentals of Mechanical Engineering.

Mission 2: To enhance capabilities of our students by exposing them to outside world.

Mission 3: To serve the society through technical contribution in Mechanical engineering.

ABOUT MECHANICAL DEPARTMENT

Welcome to the Department of Mechanical Engineering
The Department of Mechanical Engineering, established in 2014 with an intake of 120 students, is equipped with highly qualified faculty specializing in Design, Production, Manufacturing, CAD/CAM, Automobile, and Thermal Engineering.

Our well-equipped laboratories, departmental library, and modern workshop form the backbone of the department. Students are trained in the latest industrial trends such as CNC machines and design software, while also gaining exposure through in-plant training, industrial visits, guest lectures, seminars, and career guidance programs.

Along with academics, the department strongly encourages participation in co-curricular and extra-curricular activities. Students have excelled in project competitions, quizzes, paper and poster presentations, as well as various sports events. With a focus on holistic development, we nurture young engineers ready to meet industry challenges and contribute to society.



YASHWANTRAO BHONSALE INSTITUTE OF TECHNOLOGY

E-MAGZINE 2023-24

DIPLOMA IN MECHANICAL ENGINEERING

HOD DESK

Mr.Rane Abhishek J.

M. E. Mechanical

Head of Department

Mechanical

Contact Details

Phone : 9404598060

Email : abhi27.rane@gmail.com

PROGRAM EDUCATIONAL OBJECTIVES

PEO 1: Practice Ethical Professionalism
Exhibit competent ethical professionalism and are conscious of their environmental and social Responsibilities.

PEO 2: Embark Life Long Knowledge
Apply engineering principles to develop products, processes and to solve cutting-edge Mechanical engineering problems through lifelong learning.

PEO 3: Perform Leadership Skill
Acquire leadership qualities with strong communication skills along with professional & ethical values.

PEO 4: Practice Intrapreneurship
Create systems or services to address social, technical and business challenges either individually or as a team member

HOD DESK

Welcome to the Department of Mechanical Engineering, Yashwantrao Bhonsale Institute of Technology, Sawantwadi.

The Department of Mechanical Engineering, established in 2014 with an intake of 120 students, was accredited by NBA in 2019 for three years. With experienced and dedicated faculty, well-equipped laboratories, and a focus on Outcome-Based Education, the department ensures quality technical education.

Students are encouraged to stay updated with the latest technologies through innovative teaching, SWAYAM/NPTEL resources, and enrichment programs. Along with academics, ample opportunities are provided for sports, cultural and technical growth. Alumni are placed in reputed industries like BAJAJ, Mahindra & Mahindra, Cummins, TATA Motors, CEAT, CIPLA, Pai Kane, while many pursue higher studies or entrepreneurship. In short, the department is committed to shaping competent, confident, and industry-ready mechanical engineers.



YASHWANTRAO BHONSALE INSTITUTE OF TECHNOLOGY

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DIPLOMA IN MECHANICAL
ENGINEERING

WORKSHOP
21-23 JULY 2024

PYTHON PROGRAMMING WORKSHOP

The Department of Mechanical Engineering, YBIT (Diploma Wing) organized a three-day Python programming workshop from 21st to 23rd July 2025 for second-year students. Conducted by Mr. Raj Kalyankar and team from Softmusk Info Pvt. Ltd., Belgaum, the sessions covered Python fundamentals, core concepts, and hands-on practice.

Inaugurated in the presence of Vice-Principal Mr. G. A. Bhosale, HoD Mr. A. J. Rane, and TPO Head Mr. M. R. Desai, the workshop saw active participation from 82 students. The event was coordinated by Mr. M. T. Patil, who also delivered the vote of thanks.





YASHWANTRAO BHONSALE INSTITUTE OF TECHNOLOGY

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DIPLOMA IN MECHANICAL
ENGINEERING

SOCIAL DRIVE
10/08/2024



NASHAMUKT BHARAT DRIVE

On 10/08/2024 Mechanical Engineering Students Association (MESA) and Mechanical Engineering Department organized session on NASHAMUKT BHARAT for Mechanical and Mechatronics Engineering Students.

Mr. Amol Chavan, Police Inspector, Sawantwadi was the chief speaker of the Program. He created awareness about how bad the side effects of drugs and addiction are. He appealed to stay away from bad habits to become a wise and healthy citizen On this occasion the following dignitaries were present. Mr. Chavan & his team, Mr. G. A. Bhosale sir Vice-Principal, Mr. A. J. Rane HOD Mechanical, Mr. S. S. Lanjekar HOD Mechatronics, Mr. M. T. Patil Lecturer, Mr. M. R. Desai TPO Head Mr. Mr. A. G. Yadav MESA Staff Coordinator and Mr. M. R. Ghatage.





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DIPLOMA IN MECHANICAL ENGINEERING

POSTER PRESENTATION



POSTER PRESENTATION

The Mechanical Engineering Department of YBIT, Sawantwadi organized a poster presentation competition for its diploma students to celebrate Guru Pournima. The event saw enthusiastic participation from 30 Students of the Second Year Mechanical Engineering Dept. The presentations were evaluated by a distinguished panel of jury members, comprising Mr. Amar Prabhu, the FY Coordinator of YBIT, and Ms. Hawabi Shaikh, a lecturer from the Civil Engineering department. Their expertise and insightful feedback added immense value to the event.

After a rigorous evaluation process, the top three positions were secured by the following talented students:

First Prize: Omkar GAWADE

Second Prize: Lokesh Bhogan

Third Prize: Pawar Vignesh Mahadev

The winners were recognized for their innovative ideas, effective presentation skills, and in-depth understanding of their chosen topics.





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DIPLOMA IN MECHANICAL
ENGINEERING

QUIZ COMPETITION
24/01/2025



STATE LEVEL QUIZ COMPETITION

On 24th January 2025, the Department of Mechanical Engineering, YBIT, organized an MSBTE-sponsored State Level Technical Quiz Competition for Mumbai and Pune region. The event was inaugurated by Hon. Executive Chairman Mr. Achyut Sawantbhonsale, Principal Dr. Raman Bane, Vice-Principal Mr. G. A. Bhosale, and esteemed jury members. A total of 18 participants from various institutes took part.

1st Prize: Ms. Pooja Kokare & Mr. Suyog Desai (YBIT)

2nd Prize: Mr. Satish Yadav & Mr. Ritesh Kumar (SIT Polytechnic, Yadrav)

Consolation Prize: Mr. Shubham Desai & Mr. Neeteesh Rai Kumar (SGM Polytechnic, Mahagaon)

The program concluded successfully with guidance from Program Chief-Coordinator Mr. G. A. Bhosale and dedicated efforts of the Mechanical Department team.





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DIPLOMA IN MECHANICAL
ENGINEERING

TECHNICAL
COMPETITION



VIRTUOSIC NATIONAL TECHNICAL EVENT

YBIT Mechanical (Diploma Wing) Students Shine at "Virtuosic"

Third-year Mechanical Engineering (Diploma Wing) students of YBIT excelled at Virtuosic – A National Level Technical Event organized by SSPM College of Engineering, Kankavli.

1st Prize (Project Competition): Electrochemical Sound Generating Repeller Gun (Guide: Mr. P. K. Parab)

3rd Prize: Power Operated Cutting and Climbing Machine for Areca-nut Tree (Guide: Mr. P. K. Parab)

Congratulations to all the winning teams for their innovative projects and remarkable achievement.





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DIPLOMA IN MECHANICAL
ENGINEERING

SEMINAR
25/02/2025



CURRENT TRENDS IN INDUSTRIAL DEVELOPMENT

Mechanical Department of Yashwantrao Bhonsale Institute of Technology Sawantwadi organized a seminar on "Research and Current Trends in Industrial Development in India" on 25th February 2025 at 2.30 pm.

Expert Speaker - Mr Prathamesh Sawant (Managing Director of Excel Technical Institute, Mumbai). In the presence of T.Y and S.Y mechanical students. This seminar was successful. Also, some memories of college are shared by Sanket Padkil Ex- student of Y.B.I.T 2018 Batch. He completed his degree at phinox Ratnagiri. And currently working as piping engineer. He will soon be going to abroad for project work.

All program was managed by Event Coordinator Mr. M. R. Ghatage.





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DIPLOMA IN MECHANICAL ENGINEERING



INDUSTRIAL TRAINING 3-7 MARCH 2025



INDUSTRIAL TRAINING FOR FACULTY

MSBTE has arranged industrial training program at L and T skill trainer's Academy Madh campus Mumbai (residential training) for mechanical department faculties of affiliated polytechnics on "Industrial Welding Solutions" from 03-03-2025 to 07-03-2025.



The training content was designed by L& T STA TEAM so effectively which contains domain content relevant to welding practices as well as they included soft skill training in other domain. Mechanical Department faculty Mr. M. T. Patil sir has attended this industrial training program successfully.





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DIPLOMA IN MECHANICAL
ENGINEERING

FACULTY PAPER
PRESENTATION



RESEARCH PAPER PRESENTATION

Mr. Amrut G. Yadav, faculty member of Mechanical Engg. Dept. at Yashwantrao Bhonsale Institute of Technology (YBIT), presented a research paper at a national welding seminar in Jamshedpur, Jharkhand. The seminar was organized by the Indian Institute of Welding (IIW).

Mr. Yadav's paper, titled " Prediction of weld bead geometry in directed energy deposition of Nickel-Aluminum Bronze on SS316L substrate using response surface methodology" focused on welding technology. His research is published in the prestigious Welding International journal, which is indexed in the Science Citation Index (SCI) having H index 27.





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DIPLOMA IN ELECTRICAL ENGINEERING

EXPERT LECTURE 27/09/2024



RECENT TRENDS IN ELECTRICAL POWER SYSTEM

The Electrical Engineering Department (Diploma Wing), YBIT, organized an expert lecture for SE & TE students on “Recent Trends in Electrical Power System.” Mr. Kapil Kanade, Assistant Engineer, MSEDCL, with rich utility and industrial experience, was the resource person.

He explained core concepts, applications, and emerging trends in power systems. The session was highly interactive, with students actively engaging through queries and discussions.





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2023-24

DIPLOMA IN ELECTRICAL ENGINEERING

ABOUT US

Year of Establishment : 2014
Head Of Department : Mr.H.A.Pawar
Email ID :
harshal.pwr1@rediffmail.com
No. of Classroom : 03
No. of Laboratories : 07
Lecturers : 06
Technical Staff : 03

Vision:

To impart fundamental concepts of Electrical Engineering to our students.

Mission:

To prepare our students to meet changing needs of Electrical Engineering.

To expose our students with the outside world for technical advancement.

To serve the society through technical contribution in Electrical Engineering.

DIPLOMA IN ELECTRICAL ENGINEERING

The Department of Electrical Engineering at Yashwantrao Bhonsale Institute of Technology, Sawantwadi was established in 2014 with the vision of nurturing skilled engineers who can lead in the age of technology. With modern infrastructure and state-of-the-art laboratories, the department provides a strong foundation for learning and innovation.

Our highly qualified and dedicated faculty members focus on analytical and experimental training, ensuring students gain both technical expertise and practical problem-solving abilities. A liberal and student-friendly environment, along with systematic processes and feedback systems, fosters continuous improvement.

The program emphasizes designing solutions that are socially responsible and sustainable, considering economic, environmental, and ethical aspects. With this holistic approach, the department prepares graduates to face industrial challenges with confidence and contribute meaningfully to society.



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DIPLOMA IN ELECTRICAL ENGINEERING

HOD DESK

Program Educational Outcome (PEO)

PEO 1: Exhibit Professional success:
Apply fundamentals of Basic Science,
Behavioural Science and Electrical
Engineering to analyse, synthesize
electrical circuits, algorithms and
complex problems.

PEO 2: Embark Life Long knowledge
Develop cutting-edge technical
capabilities in the field of electrical
engineering for the need of society
through life-long learning.

PEO 3: Practice Ethical Values
Contribute in cross-functional teams,
upholding the professional
responsibilities & ethical values.

PEO 4: Perform as Team player
Deliver Invaluable Advice and
Solutions for Problems when working
individually or as Team member
through effective communication.

HOD DESK

The department empowers the students with the proficiency and knowledge required to excel in the dynamic field of Electrical to pursue higher education. It also imparts technical knowledge and skills to students towards continuous improvement in education and placement and prepares the students to meet the challenges in the technical advancement to serve the community.

Mr. Pawar Harshal A. - B.E (Electrical)
Head of Department
Electrical.

Contact Details

Phone : 88794 33307

Email : harshal.pwr1@rediffmail.com

Program Specific Outcome (PSO)

PSO1: Plan and Design Electrical Layouts

Estimate Cost, Formulate Plan and Design the electrical Layouts for Residential, Commercial and Industrial Areas.

PSO2: Instrument and Equipment Usage

Apply appropriate instruments and equipment for measurement of respective electrical parameters as per the conditions.



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DIPLOMA IN ELECTRICAL ENGINEERING

INDUSTRIAL VISIT 26/03/2025



MAULI ENTERPRISES

Department of Electrical Engineering organized Industrial Visit for TYEE class to the MAULI ENTERPRISE IN MIDC KUDAL, to gain practical knowledge about motor winding processes, electrical component assembly, and industrial operations. The visit was organized to provide students with hands-on exposure to industrial practices and bridge the gap between theoretical knowledge and practical application. Students were mentored and guided plant in-charge Mr. Wargaoonkar Sir along with his supporting staff. Student asked many questions regarding selection criterion of winding wire and numbers of turns. The entire visit is successfully organized by faculty member H.O.D Mr. H.A Pawar sir , Mr. S.S.Ghadigaonkar sir and Ms. T.R.Shenai mam





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DIPLOMA IN ELECTRICAL ENGINEERING



INDUSTRIAL VISIT 12/03/2025



FIRE BRIGADE STATION

Department of Electrical Engineering organized Industrial Visit for the SYEE class to the FIRE BRIGADE STATION IN MIDC KUDAL. This visit was arranged under the “INDUSTRIAL AND WORKPLACE SAFETY COMPLIANCE”.

As per K scheme syllabus the information related to various safety equipments, various rescue methods and the application of these equipments and methods in day to day life as well as industry and public places etc., observe the various types of fire extinguisher and their application on different types of fire. Students were learned about classes of fire and how to extinguishes these fire.

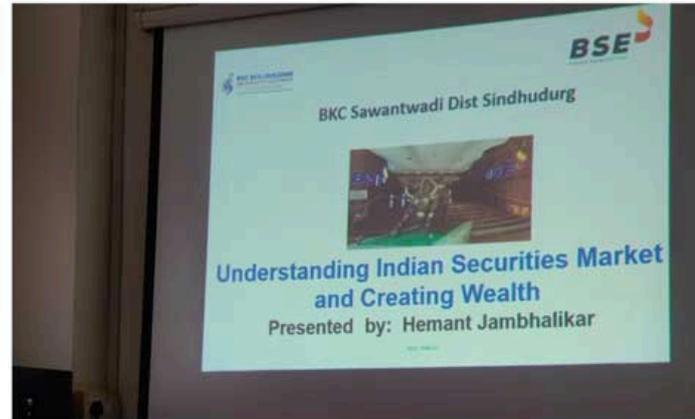
During the visit student gets hands-on experience related to the actual fire incident. Students were mentored and guided by Mr. P.P.Parab Sir along with his supporting staff. Student asked many questions regarding how to tackled different types of fire incident. The entire visit is successfully organized by faculty member Mr. H.A PAWAR, Mr. S.S.Ghadigaonkar, Mr.S.N.Nirmalkar, Ms.N.N.Rawool also Present





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E-MAGZINE 2024-25



DIPLOMA IN ELECTRICAL ENGINEERING

GUEST LECTURE



INVESTEMENT AWARENESS PROGRAM

Electrical Engineering Department of YBIT (Diploma wing) successfully arranged Expert Lecture on "Investor awareness program" for Second Year and Third Year Electrical Engineering Students. The purpose of this program was to give knowledge to students about investment and share markets. Mr. D.D.Patil, HOD of Electrical Department welcomed the expert by offering bouquet. Mr.H.A.Pawar sir, Lecturer from Electrical Department welcomed Mr. D.D.Patil, Head of the Electrical Engineering Department (Diploma Wing)..Guest Mr. Jambhalikar Sir and jadhav sir explained the importance of investment, the money growth and the investment security provided by the SEBI.

The session was informative and students discussed the things with expert about the investment.This program was successfully coordinated by Ms. Teja shenai ,Mr. S .S. Ghadigaonkar,Department HOD Mr. D.D Patil sir. Introduction and vote of thanks given by Ms. Teja Shenai madam.Total 120 Students were present for this expert lecture.





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E-MAGZINE 2024-25



DIPLOMA IN ELECTRICAL ENGINEERING



INDUSTRIAL VISIT



SUBSTATION AND LT PANELS

The Department of Electrical Engineering organized two industrial visits as part of the I-Scheme curriculum to enhance students' practical understanding.

1) Visit to Generating Substation and LT Panels (2nd year)

Under the subject students observed: Electrical energy generation, Working of generators, alternators, and step-up transformers, Operation of generating substations and LT panels

2) Visit to 33/11 kV Kolgaon Substation (3rd Year)

Under the subject students learned about: Insulators, isolators, transformers, and circuit breakers, Pole-mounted and plinth-mounted substations, Energy audits and practical applications

These visits provided valuable industry exposure and hands-on learning experiences.





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GPS Map Camera

Charathe, Maharashtra, India
WR3V+MV7, Charathe, Maharashtra 416510, India
Lat 15.90428°
Long 73.844662°

GPS Map Camera

Charathe, Maharashtra, India
WR3V+MV7, Charathe, Maharashtra 416510, India
Lat 15.904298°
Long 73.844614°

DIPLOMA IN ELECTRICAL ENGINEERING

GPS Map Camera

GUEST LECTURE 09/10/2024



Charathe, Maharashtra,
WR3V+MV7, Charathe,
Lat 15.90428°
Long 73.844662°



Charathe, Maharashtra, India
WR3V+MV7, Charathe, Maharashtra
Lat 15.904277°
Long 73.844628°

ESSENCE OF INDIAN CONSTITUTION

Mr. D.D Patil (HOD) welcomed guest speaker and further session was carried out by Mr. Shridhar Patil Sir has started this session with Meaning of the constitution of India, Salient feature and characteristics of constitution of India, Fundamental rights under Part III, Voter guides, Voter awareness and Voter online Registration.

The overall session was very informative and interactive. Many students asked their doubts, queries regarding this session and sir has cleared everyone's queries. The aim and objective of this expert lecture was based on various program outputs like PO1 (Basic Knowledge) , PO 2 (Discipline Knowledge), PO3 (Development of solutions) , PO4 (Engineering tools, experimentation and testing) ,PO5(Engineering practices for society). Around 120 students from SY and TY of Electrical Department attended this guest lecture.





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DIPLOMA IN ELECTRICAL ENGINEERING



GANDHI JAYANTI 02/10/2024



GANDHI JAYANTI – RANGOLI COMPETITION

Electrical Engineering Department of YBIT (Diploma wing) successfully arranged Expert Lecture on “Mahatma Gandhi Jayanti program and Rangoli Competition” for Second Year and Third Year Electrical Engineering Students. The purpose of this competition was to give opportunity to students to do cultural activity other than academics.

The event commenced with the lighting of the lamp and floral tributes to the portrait of Mahatma Gandhi. The T.Y.E.E student Ms. Atharva Parab delivered speech on highlighting Gandhi’s contributions to the nation and encouraging students to embody his principles of non-violence and unity.

Rangoli Competition Following the inaugural ceremony, the Rangoli competition began, themed "Swachha Bharat Sundar Bharat." Students from second year and third year electrical departments participated, showcasing their artistic skills using colored powders and flowers. 21 groups take part in competition. The atmosphere was vibrant, with students working collaboratively and creatively.





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**DIPLOMA IN ELECTRICAL
ENGINEERING**

**EXPERT LECTURE
22/09/2024**



BASIC TECHNOLOGY IN ELECTRICAL ENGINEERING

Electrical Engineering Department of YBIT (Diploma wing) successfully arranged Expert Lecture on “Basic Terminology in Electrical Engineering” for Second Year and Third Year Electrical Engineering Students. The purpose of Expert lecture was to give opportunity to students to connect with experts. Mr. S.P. Acharekar, Assistant Professor, Electrical Engineering, YBIT (Degree Wing) was Resource Person with 13 years Academic Experience as well as good Industrial Experience. Ms. Mr. D.D.Patil, HOD of Electrical Department welcomed the expert by offering bouquet. Mr.S.S. Ghadigaonkar, Lecturer from Electrical Department welcomed Mr. D.D.Patil, Head of the Electrical Engineering Department (Diploma Wing). Then Acharekar sir started the session.

Sir started the session with basic concepts in Electrical Engineering and then went deep in it. Also, he explained the applications of different terminology in Electrical Engineering. The overall session was very interactive and informative. Some students ask their queries and expert solved their doubts and queries.





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DIPLOMA IN ELECTRICAL
ENGINEERING

GURU PAURNIMA
21/07/2024



EXPRESSING GRATITUDE TO TEACHERS

Electrical Engineering Department of YBIT (Diploma wing) successfully arranged "Guru Pournima" for teachers.. The purpose of this program was Guru is deeply rooted in honoring and expressing gratitude to teachers, mentors, and spiritual guides.

"A Guru is more than just a teacher. They are a guiding light, a source of wisdom and knowledge, and a source of inspiration on our life's journey." Guru Purnima is a traditional Hindu, Jain, and Buddhist festival dedicated to honoring teachers, mentors, and spiritual guides who provide wisdom and knowledge.

For this program vice principal of yashwantrao Bhosale institute of technology sawantwadi Mr. G .A Bhosle sir and HOD of all the departments are invited. Our second year and 3rd year student give speeches on why gurus are important in our life and also vice principal sir and all the faculties shares important thoughts on this occasion of Guru Purnima..The atmosphere was vibrant, with students working collaboratively and creatively.





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