Avishkar
Unleashing Ideas

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Yashwantrao Bhonsale
Institute of Technology
NEWSLETTER
Computer Engineering Department

Vol: XIV page I | Avishkar | APR 2026

DIRECTOR'S DESK

Hon.Achyut Sawant Bhonsale

Dear Avishkar Readers,

It gives me immense pleasure to connect with you once again through this vibrant platform of Avishkar. Every issue stands as a testament to the enthusiasm, talent, and perseverance of our students and faculty, who continuously strive to uphold the values and vision of our institution.

At our institute, education extends far beyond textbooks and classrooms. We believe in shaping individuals who are not only academically proficient but also ethically grounded, socially responsible, and future-ready. This edition brings together a collection of remarkable-accomplishments, innovative ideas, and engaging activities that reflect the dynamic and progressive spirit of our academic environment.

OUR VISION

To Produce Ethical and Knowledgeable Diploma Holders in Computer Engineering

OUR MISSION

Mission 01
To provide students with curriculum and industry based teaching learning process.

Mission 02
To encourage faculty and students to participate in industry academic events.

Mission 03
To provide social platform that generate ethical and entrepreneurship skill in students.

A Proud Milestone Achieved
Celebrating NBA Accreditation

We are thrilled to announce that Yashwantrao Bhonsale Institute of Technology, Sawantwadi has been awarded NBA (National Board of Accreditation) accreditation. This remarkable accomplishment reflects our unwavering dedication to delivering quality technical education and maintaining the highest academic standards.

Achieving NBA accreditation signifies that our programs are aligned with national benchmarks, ensuring a strong foundation of outcome-based learning, innovation, and industry readiness among our students. It reaffirms our commitment to:

Providing excellence-driven and student-centric education

Promoting creativity, research, and practical learning

Preparing graduates for global career opportunities

Enhancing industry interaction and overall development

This success is a result of the collective efforts of our faculty, students, alumni, and all stakeholders. It is not just an achievement, but a stepping stone towards greater heights as we continue our journey of growth, excellence, and innovation.

VICE-PRINCIPAL'S DESK
Mr.G.A.Bhosale

Dear Avishkar Readers,

It gives me great joy to connect with you through this edition of Avishkar. The newsletter is a reflection of the vibrant academic culture at YBIT, where learning goes hand in hand with innovation, creativity, and holistic development.

Our students and faculty continue to set new benchmarks in academics, research, and co-curricular activities, showcasing the true spirit of dedication and perseverance. Every achievement reminds us that progress is not a destination, but a continuous journey of growth and excellence.

As technology and education evolve, I encourage all students to remain curious, embrace new ideas, and participate actively in the opportunities that come their way.

LETTER OF NBA ACCREDITATION

राष्ट्रीय प्रत्यायन बोर्ड

चौथा तल, ईस्ट टावर, एन. बी. सी. सी. प्लेस, भीष्म पितामह मार्ग, प्रगति विहार, लोधी रोड, नई दिल्ली -110003

NATIONAL BOARD OF ACCREDITATION

4th Floor, East Tower, NBCC Place, Bhisham Pitamah Marg, Pragati Vihar, Lodhi Road, New Delhi 110003

File No. 28-565-2019-NBA Date: January 6, 2026

To,

The Principal,
Yashwantrao Bhonsale Institute of Technology,
Bhonsale Knowledge City, A/P Charathe Vazarwadi,
Dist. Sindhudurg, Tal. Sawantwadi,
Sindhudurg, Maharashtra- 416510.

Subject: Accreditation status of programs applied by Yashwantrao Bhonsale Institute of Technology, Bhonsale Knowledge City, A/P Charathe Vazarwadi, Dist. Sindhudurg, Tal. Sawantwadi, Sindhudurg, Maharashtra- 416510.

Sir,

This has reference to your application I.D. No. 10595-15/04/2025 seeking accreditation by National Board of Accreditation (NBA) to the Diploma Engineering programs applied by Yashwantrao Bhonsale Institute of Technology, Bhonsale Knowledge City, A/P Charathe Vazarwadi, Dist. Sindhudurg, Tal. Sawantwadi, Sindhudurg, Maharashtra- 416510.

2. An Expert Team conducted onsite evaluation of the programs from 03rd to 05th October, 2025. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The Competent Authority in NBA has approved the following accreditation status to the programs as given in the table below:

Sl. No.	Name of the Program (Diploma)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Civil Engineering	January, 2019 Document	Accredited	1st July 2025 to 31st December 2025 and from 1st January 2026 to 31st December 2028	Accreditation status granted is valid for the period indicated in Col.6 or till the program has the approval of the Competent Authority, whichever is earlier
2.	Electrical Engineering		Accredited		
3.	Mechanical Engineering		Accredited		
4.	Computer Engineering		Accredited	1st January 2026 to 31st December 2028	

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to **Yashwantrao Bhonsale Institute of Technology, Bhonsale Knowledge City, A/P Charathe Vazarwadi, Dist. Sindhudurg, Tal. Sawantwadi, Sindhudurg, Maharashtra- 416510** as a whole. **As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.**

Contd./_

5. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited program as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.

6. The accreditation status awarded to the programs as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

7. A scanned copy each of the Report of Chairperson of the Visiting Team and Evaluators' Reports in respect of the above programs can be seen by the Institute at the tab-Accreditation Reports on the Institute's eNBA dashboard.

8. If the Institute is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication on eNBA portal alongwith Report of the Expert Team, giving reasons for the same and by paying the requisite fee.

Yours faithfully,

(Dr. Anil Kumar Nassa)
Member Secretary

Mr.P.D.Kate HOD'S DESK

Dear Avishkar Readers,

It gives me immense pleasure to present this edition of Avishkar. The Department of Computer Engineering at YBIT continues to strive for excellence by fostering innovation, practical learning, and industry readiness among students. Our dedicated faculty and enthusiastic students are consistently contributing through projects, technical activities, and academic accomplishments.

This edition showcases a glimpse of our continuous efforts, including various events, workshops, industrial visits, and student achievements that reflect our commitment to quality education. It stands as a testimony to the collaborative spirit and hard work of our department.

I encourage all readers to go through the newsletter and appreciate the progress and contributions made by our academic community. Let us continue to learn, innovate, and move forward with confidence towards a technology-driven future.

Thank you.

ACADEMIC TOPPER WINTER 2025

STRIVE FOR EXCELLENCE

THIRD YEAR COMPUTER

1 VIDHI KOTNIS 94.94

2 URVEE ANDURLEKAR 93.29

3 NISHANT JADHAV 91.06

Division A

1 NANDINI SINGH 92.35

2 MAITHILI PATHRUT 91.53

3 PRACHI REDIJ 90.94

Division B

ACADEMIC TOPPER WINTER 2025

STRIVE FOR EXCELLENCE

SECOND YEAR COMPUTER

1 RUTUJA NAIK 91.65

2 MRUDULA KESARKAR 90.71

3 ANIKET GAWADE 88.94

Division A

1 KAMAL VADAR 92.12

2 APURVA SAWANT 91.06

3 TANVI VANJARE 89.88

Division B

FIRST YEAR COMPUTER

1 ALIZA SARANG 90.00

2 DHANASHREE SATARDEKAR 89.18

3 DURVA NARVEKAR 85.53

NEWSLETTER

STUDENTS CORNER

Cybersecurity – Protecting the Digital World

Cybersecurity is one of the most important and rapidly growing fields in Information Technology today. It focuses on protecting computer systems, networks, and data from digital attacks, theft, and damage. As the world becomes more connected through the internet, the need for strong cybersecurity measures has become more critical than ever.

In simple terms, cybersecurity involves safeguarding sensitive information such as personal data, banking details, passwords, and business records from hackers and cybercriminals. Modern cybersecurity uses technologies like encryption, firewalls, multi-factor authentication, and artificial intelligence to detect and prevent attacks in real time. Cyber threats come in many forms, including phishing attacks, malware, ransomware, and data breaches. These threats can cause financial loss, damage reputation, and disrupt essential services. With the rise of cloud computing, social media, and digital transactions, cybersecurity has become a global priority. Governments and organizations are investing heavily in security systems and hiring skilled professionals to protect digital infrastructure. Cybersecurity plays a vital role in industries such as banking, healthcare, education, defense, and e-commerce. Protecting the digital world is essential for ensuring a safe and secure future.

– BY DARSHAN S. DHARGALKAR
T.Y.CO-A

THE RISE OF ETHICAL TECHNOLOGY

Technology is advancing at an unprecedented pace. Artificial Intelligence, data analytics, and digital platforms are transforming industries and everyday life. However, as innovation accelerates, an important question emerges: how can technology serve humanity responsibly? The rise of ethical technology reflects a growing awareness that progress must be guided by strong moral and social principles. One of the most pressing issues today is data privacy. Every digital interaction generates personal information. While this data drives innovation and personalization, it also brings risks such as cyber threats and misuse.

Another crucial aspect is Responsible Artificial Intelligence. AI systems now influence decisions in healthcare, finance, recruitment, and education. Ensuring fairness, transparency, and accountability in AI development is essential to prevent bias and discrimination. Ethical AI emphasizes human oversight and values, reinforcing that technology should enhance human judgment, not replace it.

Equally significant is the digital responsibility of youth. Students, as active participants in the digital ecosystem, must practice responsible online behavior-respecting intellectual property, avoiding misinformation, and safeguarding personal information. Ethical awareness empowers young professionals to become thoughtful innovators and conscientious digital citizens.

The future of technology depends not only on what we create, but how responsibly we create it. By integrating ethics with innovation, institutions can nurture professionals who contribute positively to society while driving technological advancement.

- BY VAIBHAVI S. CHAVAN
T.Y.CO-A

STUDENTS CORNER

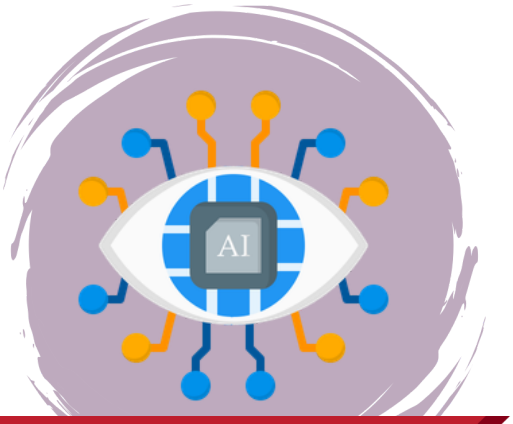
AI-Augmented Cyber Defense

AI-Augmented Cyber Defense is an advanced cybersecurity approach that uses Artificial Intelligence (AI) and Machine Learning (ML) to automatically identify and stop cyber threats. Traditional security systems depend on predefined rules and known attack signatures to detect threats. These systems work well for previously identified attacks but struggle against new or evolving cyber threats. They also require continuous human supervision, which can slow down response time.

In contrast, AI-based cyber defense systems continuously monitor and analyze large volumes of data such as network traffic, user activities, and system logs. Machine Learning algorithms study this data to understand what normal behavior looks like within a system. When the system detects unusual actions — such as multiple failed login attempts, unexpected file access, or abnormal data transfers — it flags them as potential threats.

Advanced AI systems can also take immediate action, such as blocking suspicious users, isolating compromised devices, or sending alerts to the security team. This allows faster response and minimizes potential damage.

Overall, AI-Augmented Cyber Defense enhances cybersecurity by providing intelligent, real-time protection. It adapts to new and emerging threats, reduces manual workload, and improves the speed and accuracy of threat detection.



- BY PRIYESH P. SAWANT
T.Y.CO - B

The Rise of Edge AI

Edge AI is rapidly transforming the digital landscape by bringing the power of artificial intelligence directly to smart devices like phones, watches, drones, and industrial sensors — all without relying on internet connectivity or cloud servers. Unlike traditional AI systems that depend on sending data to the cloud for processing, Edge AI performs intelligent computations locally on the device itself.

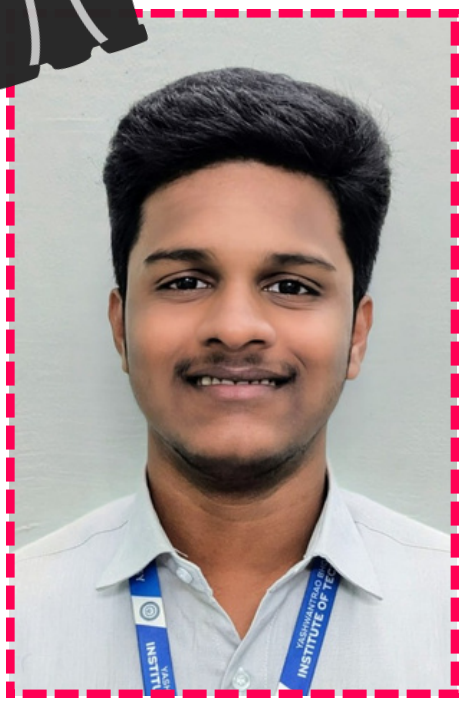
This shift allows for instant decision-making, improved privacy, and seamless functionality even in areas with limited connectivity.

The real-world applications of Edge AI are diverse and impactful. From self-driving cars that detect obstacles in real time, to smartwatches monitoring health conditions, and surveillance cameras detecting unusual behavior — Edge AI is everywhere. It's also revolutionizing smart agriculture, industrial automation, and IoT-based home devices.

However, the shift to edge-based intelligence also brings new challenges. Devices need to be optimized for low power consumption, high-speed processing, and strong security to protect data at the source. Despite these hurdles, Edge AI continues to grow, driven by advancements in hardware and the need for faster, more private AI solutions. As the tech world moves closer to real-time intelligence, Edge AI stands at the center of this transformation — enabling smarter, safer, and more responsive technology experiences for everyone.

- BY TINA S. NATEKAR
T.Y.CO - B

ALUMNI SPOTLIGHT



Swamesh Padte

My time at Yashwantrao Bhonsale Institute of Technology (YBIT), Sawantwadi, was not just about earning a Diploma —it was a journey that transformed me both professionally and personally. These years shaped my mindset, strengthened my confidence, and helped me discover my true potential as a Computer Engineering student. Choosing Computer Engineering opened doors to a world of logic, innovation, and problem-solving. The well-structured curriculum, combined with hands-on lab work and projects, sharpened my technical skills in programming, system design, and analytical thinking. Every challenge pushed me beyond my comfort zone and encouraged me to learn by doing.

Beyond academics, YBIT taught me lessons that textbooks never could. Team projects, presentations, and practical activities helped me develop leadership, discipline, adaptability, and effective communication. I learned the value of teamwork, responsibility, and respecting different perspectives—skills that are essential not only for engineers but for life. The serene, green campus of YBIT provided a peaceful environment that nurtured focus and creativity. Modern laboratories and supportive infrastructure motivated me to experiment, innovate, and turn ideas into reality. This atmosphere inspired curiosity and independent thinking.

Raghu Zore

My journey at Yashwantrao Bhonsale Institute of Technology (Diploma), Sawantwadi, has been an important and transformative phase of my academic life. As a Computer Engineering student, the institute provided me with a strong foundation in both technical knowledge and personal development.

Throughout my diploma, I gained practical exposure to core concepts such as programming, system fundamentals, and problem-solving through lab work and hands-on learning. The curriculum encouraged logical thinking and real-world application, which helped me understand the true essence of computer engineering beyond textbooks.

One of the greatest strengths of YBIT is its highly supportive and dedicated staff. Every faculty member was approachable, encouraging, and always ready to help—whether it was academics, projects, or personal guidance. Their continuous support and motivation played a crucial role in building my confidence and shaping my learning journey.

The institute's positive environment, disciplined culture, and well-maintained campus created the perfect atmosphere for learning and growth. Activities such as presentations, practical assessments, and interactive sessions helped me improve my communication skills and develop a professional mindset.

EDUCATOR'S INSIGHT

Mr.S.M.Mayekar
Lecturer

In recent years, Cybersecurity has emerged as one of the most critical and rapidly evolving areas in technology. With the increasing dependence on digital platforms, cloud computing, and smart devices, protecting data and systems has become more important than ever. From online banking and e-commerce to social media and government services, security plays a vital role in ensuring trust and reliability in the digital world.

Modern security technologies are no longer limited to traditional firewalls and antivirus software. Advanced solutions such as Zero Trust Architecture, Multi-Factor Authentication (MFA), and AI-driven threat detection are now widely used to prevent unauthorized access and detect cyber threats in real time. Technologies like blockchain are also being explored to enhance data integrity and secure transactions.

For computer engineers, cybersecurity offers vast opportunities as well as responsibilities. Fields such as ethical hacking, network security, cryptography, and digital forensics are becoming highly relevant. However, it also requires a strong understanding of system vulnerabilities, secure coding practices, and risk management strategies.

TECH TINKER'S CORNER

Mr. S.S.Dhuri
Lab Technician

In the 21st century, data has become a defining social resource—often compared to oil, but far more personal. Every online search, GPS movement, biometric scan, and social media interaction generates digital traces. These traces are processed by algorithms that influence everything from credit approvals to university admissions and public policy decisions. As societies become increasingly data-driven, a central question emerges: who owns data, who benefits from it, and who bears its risks? The rise of large technology companies such as Google and Meta illustrates how data has transformed into economic power. Their platforms collect vast amounts of behavioral data to optimize advertising and personalize user experiences.

While personalization improves convenience, it also enables subtle forms of behavioral manipulation. Targeted political advertising—highlighted by controversies involving Cambridge Analytica—demonstrated how data profiling can influence democratic processes. Governments have responded with regulatory frameworks such as the General Data Protection Regulation (GDPR) in the European Union. GDPR emphasizes consent, transparency, and the right to be forgotten. Similarly, data protection initiatives in countries like India and Brazil aim to protect citizens from misuse of personal information.

Jan 06, 2026

INDUSTRIAL VISIT : I NET SOLUTIONS, S'WADI

On January 6, 2026, the Computer Engineering Department (Diploma Wing) successfully organized an industrial visit for Second-Year students (Division B) to I Net Solutions, Sawantwadi. The visit aimed to provide students with practical exposure to real-world networking environments and industry practices.

During the visit, students were introduced to the day-to-day operations of an IT service organization. Experts explained how modern networking systems are designed, implemented, and maintained to support businesses and communication infrastructures. The interactive sessions allowed students to observe live demonstrations and clarify their doubts with professionals.

The session was conducted under the expert guidance of Mr. Ganesh Naik and Mr. Amey Nhavelkar Sir, who shared their valuable industry experience and motivated students to build strong technical foundations. Their practical explanations and real-life examples made the learning experience highly engaging and informative.

Jan 31, 2026

GUEST LECTURE ON "PERSONALITY DEVELOPMENT" FOR COMPUTER ENGINEERING STUDENTS

The Computer Engineering Department (Diploma Wing) of Yashwantrao Bhonsale Institute of Technology, Sawantwadi successfully organized a Guest Lecture on "Personality Development" on 31st January 2026 at 10.30 a.m. The session was conducted by Mr. Boney Peter Sharon, Assistant Professor, Yashwantrao Bhonsale Institute of Technology. The lecture highlighted the importance of personality development in enhancing students' academic performance, professional growth, communication skills, and overall confidence required to meet industry expectations.

The program began with the guest introduction by Mrs. T. V. Gawandi. The resource person was felicitated with a welcome bouquet by HOD, Mr. P. D. Kate. During the session, Mr. Sharon shared valuable insights on self-discipline, positive attitude, effective communication, and career readiness. The lecture was interactive and highly informative, motivating students to focus on their personal and professional development. The program concluded with a vote of thanks delivered by student Ms. Apurva Sawant. A total of 110 students actively participated in the session. Mrs. S. A. Palav was also present for the lecture. The session was well appreciated by both students and faculty members. Such activities play a vital role in bridging the gap between academic learning and industry requirements.

Jan 31, 2026

INDUSTRIAL VISIT SUCCESS: BRIDGING THE GAP!

The Third Year Computer Engineering (Diploma Wing) of Yashwantrao Bhonsale Institute of Technology successfully conducted an impactful industrial visit to WalStar IT Industry, Kolhapur!

Inside the World of IT

A total of 121 students from the Third Year participated in this immersive experience, stepping directly into the heart of a professional software development environment. The visit began with a warm reception from the WalStar team, who organized a unique interactive registration activity. This wasn't just a sign-in; it was designed to test students' quick thinking and technical curiosity. The winners were awarded special gifts, creating an atmosphere of excitement and healthy competition right from the start.

Students were then guided through the various departments, where they observed the Agile workflow, the collaborative nature of Sprint meetings, and the high-energy environment where real-world software solutions are built. This exposure allowed students to see the discipline and creativity required to thrive in a top-tier IT firm. Special thanks to: Ms. Sneha (HR Representative) for facilitating this invaluable opportunity and providing students with a clear picture of industry expectations. Full Stack Development (Front-end & Back-end)

Feb 14, 2026

PARENT-TEACHER MEET (PTM) ON 14TH FEB. 2026.

Yashwantrao Bhonsale Institute of Technology, Sawantwadi (Polytechnic Wing) successfully organized a Parent-Teacher Meet (PTM) for all departments on 14th February 2026. The institute conducts such meetings every semester to keep parents informed about academic progress, institutional developments, and to address their valuable suggestions and concerns.

The event witnessed an overwhelming response, with the presence of all Heads of Departments, teaching and non-teaching staff members, and a total of 615 parents, reflecting strong parent-institute engagement.

The event was effectively anchored, and the Vote of Thanks was delivered by Mr. A. G. Prabhu, ensuring smooth coordination of the entire program.

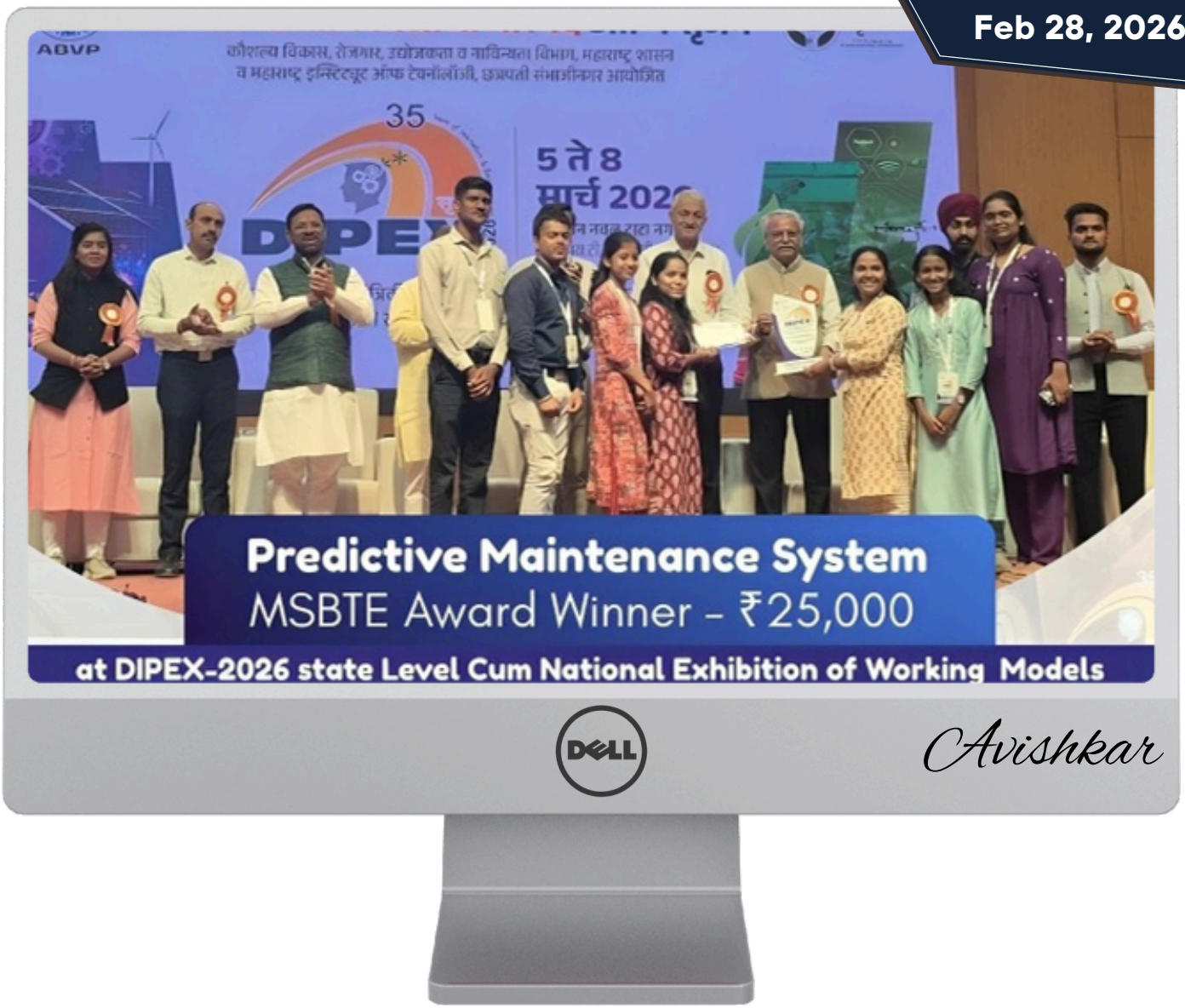
After the formal session, parents interacted individually with respective mentors to discuss the academic performance, attendance, and overall development of their wards. This one-on-one interaction strengthened communication and helped in building a better support system for students.

Feb 28, 2026

'TECHXCELLENCE 2026' CELEBRATED WITH INNOVATION AND EXCELLENCE AT YBIT

The state-level competition "Techxcellence 2026" organized by the Diploma Department of Yashwantrao Bhonsale Institute of Technology and sponsored by ISTE, was successfully conducted with great enthusiasm at Bhonsale Knowledge City. The event was inaugurated by Principal Dr. Raman Bane with the ceremonial lighting of the lamp. Vice Principal Gajanan Bhosale and esteemed judges including Yogesh Mahadik, Lecturer, Government Polytechnic Karad, Dr. S. K. Kulkarni, SSPM Engineering College, Poonam Kadam, Vice Principal, MITM College, and Sachin Joshi, Lecturer, Government Polytechnic Malvan were present on the occasion. The competition was organized to provide a platform for students from the Civil, Mechanical, Electrical, and Computer departments to showcase their technical skills. Students impressed everyone with their innovative ideas and research-oriented approach. On the occasion of National Science Day, floral tributes were offered to the portrait of Dr. C.V.Raman as a mark of respect. Winners from various technical sessions were felicitated during the valedictory ceremony with cash prizes, mementos, and certificates. In the Mechanical Department Paper Presentation competition, Ramesh Latthe and Sanskar Anavkar secured First Prize, while Sahil Jadhav and Sonu Harmalkar won Second Prize. In the Photography competition, Sanskar Anavkar secured First Prize and Lokesh Bhogan secured Second Prize.

Feb 28, 2026



THIRD YEAR COMPUTER ENGINEERING DIPLOMA STUDENTS WIN MSBTE AWARD AT DIPEX-2026

The Third Year Computer Engineering Diploma students of Yashwantrao Bhonsale Institute of Technology, Sawantwadi (Diploma Wing) achieved remarkable success by winning the MSBTE Award of ₹25,000 in the finale of the DIPEX 2026 State Level Cum National Exhibition of Working Models for their innovative project titled "Predictive Maintenance System." The project was developed by Bhakti Bharat Satam, Bhakti Dattatray Sawant, Sakshi Bharat Sawant, Nandini Sanjeevkumar Singh, and Parnavee Pravin Shirke The Predictive Maintenance System enhances industrial machine safety and reliability by continuously monitoring parameters such as RPM, temperature, sound, voltage, and current through sensors. Using predefined threshold analysis, the system detects abnormal conditions and predicts possible faults before failure occurs. A demo windmill model demonstrates the working principle, while an LCD and dashboard provide real-time data display, fault alerts, and maintenance suggestions, helping reduce downtime and maintenance costs. The exhibition was conducted across several regions, and the grand finale was organized at Chhatrapati Sambhajinagar as a five-day national-level event, where innovative projects from various institutions were presented.

Feb 13, 2026

INDUSTRIAL VISIT TO VSKY SOLUTION PVT. LTD. – APTITUDE & INTERVIEW DRIVE

On 13th February 2026, the Department of Computer Engineering organized an insightful industrial visit to VSky Solution Pvt. Ltd. under the guidance of TPO Coordinator J. A. Gawade along with other cooperative faculty members. The primary objective of this visit was to provide students with real-time exposure to industry recruitment processes and enhance their employability skills.

During the visit, students actively participated in an aptitude test designed to evaluate their logical reasoning, quantitative ability, and problem-solving skills. This was followed by technical and HR interview sessions, where industry experts assessed students on their technical knowledge, communication skills, confidence, and overall personality. The session proved to be highly interactive and enriching, as students gained first-hand experience of actual placement procedures. The experts also shared valuable insights on resume building, interview strategies, and industry expectations, helping students understand the gap between academic learning and professional requirements.

Such initiatives play a crucial role in preparing students for future career opportunities by boosting their confidence and improving their performance in campus placements.

ACHIEVEMENT AT STATE LEVEL PROJECT EXPO 2026

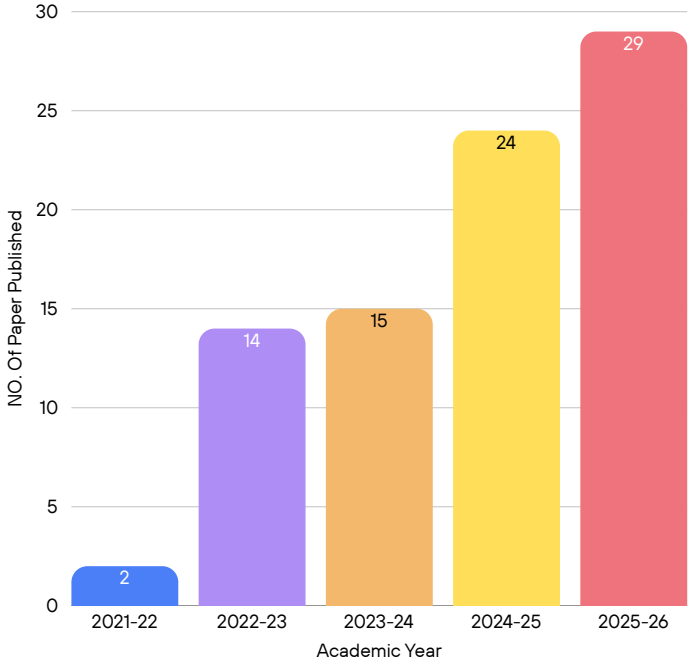
Yashwantrao Bhonsale Institute of Technology (YBIT), Sawantwadi, proudly celebrates a remarkable achievement that highlights the spirit of innovation, dedication, and technical excellence among its students. It is indeed a moment of immense pride for the Diploma Wing, especially the Department of Computer Engineering, as two of its bright and hardworking students, Mr. Nishant Jadhav and Mr. Sujal Ghagare, have brought laurels to the institution at a prestigious state-level platform.

The students, currently pursuing Third Year Computer Engineering (Diploma), showcased their technical skills and creativity at the State Level Project Competition – Project Expo 2026, organized by the Department of Information Technology, Shri Pancham Khemraj Mahavidyalaya, Sawantwadi (Autonomous). This competition witnessed participation from numerous institutions across the state, where students presented innovative and practical solutions to real-world challenges. Amidst strong competition, Nishant and Sujal stood out with their exceptional project titled "Unmanned Defence Vehicle." The project reflects a modern and futuristic approach toward defense technology, focusing on automation and remote-controlled operations that can be effectively utilized in critical and high-risk environments. Their work demonstrated not only strong technical knowledge but also a deep understanding of real-life applications, making it highly relevant and impactful.

YBIT SPORTS FIESTA 2025 – A GRAND CELEBRATION OF SPORTSMANSHIP & EXCELLENCE

Yashwantrao Bhonsale Institute of Technology (YBIT), Sawantwadi, witnessed an energetic and vibrant celebration of sports and unity during the much-awaited Sports Fiesta 2025, organized in the final week of December 2025 (30th & 31st December). The event brought together students from various departments, creating an atmosphere filled with enthusiasm, team spirit, and healthy competition. The two-day fiesta served as a perfect platform for students to showcase their athletic talents, determination, and sportsmanship. A wide range of indoor and outdoor sports activities were conducted, including cricket, volleyball, badminton, kho-kho, kabaddi, athletics, and several fun events. Students actively participated with great zeal, demonstrating not only their physical abilities but also qualities such as leadership, coordination, and resilience. The campus was filled with excitement as teams competed passionately, cheered on by fellow students and faculty members. Each event reflected the spirit of unity and friendly rivalry, making the Sports Fiesta a memorable experience for everyone involved.

COMPUTER ENGINEERING STUDENTS OF YBIT SHINE IN INTERNATIONAL RESEARCH PUBLICATIONS



The graph illustrates a steady and impressive growth in research paper publications by Diploma Computer Engineering students over the academic years. Starting from just 2 publications in 2021–22, the number significantly increased to 14 in 2022–23 and 15 in 2023–24, showing consistent academic engagement. A remarkable rise is observed in the following years, reaching 24 in 2024–25 and peaking at 29 in 2025–26. This upward trend reflects the department's strong emphasis on research culture, innovation, and student participation in academic publishing, highlighting continuous progress toward excellence

A MEMORABLE SEND-OFF TO FINAL YEAR COMPUTER ENGINEERING STUDENTS

The Department of Computer Engineering organized a simple and meaningful Farewell Program on 4th April 2026 to bid goodbye to the Third Year Diploma students. The event was conducted in a warm and friendly atmosphere, bringing together students and faculty to mark the completion of an important academic journey.

The program began with a short introduction, followed by an experience-sharing session, where all final year students expressed their thoughts, memories, and experiences of their time in the department. They spoke about their learning journey, challenges they overcame, and the support they received from teachers and friends. Faculty members also addressed the students, appreciating their efforts and encouraging them to move forward with confidence in their careers and higher studies. Their guidance and best wishes added value to the occasion.

The program concluded with a vote of thanks and group photographs, capturing the memorable moments. The farewell was simple yet impactful, leaving behind a sense of gratitude and motivation among the outgoing students as they step into the next phase of their lives.

FROM THE STUDENT MEMBER

It is indeed an honor for me to contribute to our departmental newsletter as a student member. This platform gives us, the students, an opportunity to express our views, share our experiences, and highlight the various activities taking place in the department.

A newsletter is not just a collection of articles and reports, but a mirror that reflects the growth, creativity, and achievements of both students and faculty. Being a part of this initiative has given me a chance to improve my skills in writing, teamwork, and communication. It has also helped me understand the importance of documenting and sharing knowledge. Through this newsletter, we not only get updates about events, seminars, workshops, and competitions but also feel more connected as a student community.

I believe this newsletter will continue to serve as a source of inspiration and motivation for all of us. I encourage my fellow students to actively participate, contribute their ideas, and make this platform more vibrant. Together, we can create a culture of learning, creativity, and collaboration.

I strongly encourage my fellow students to actively contribute their articles, poems, technical write-ups, or even small ideas, because every contribution makes this newsletter richer and more meaningful. Together, we can create a culture of learning, creativity, and collaboration that will benefit not just us but also inspire those who come after us.

Thank You,
Miss. Urvee Andurlekar
Student Member,Editorial Committee

FROM THE FACULTY MEMBER

It is with immense pride that we present this semester's edition of Avishkar, a reflection of the creativity, dedication, and achievements within our Computer Engineering Department.I am sincerely grateful to our Honorable HOD Mr. P. D. Kate, and our respected Vice Principal, Mr. G. A. Bhosale, for placing their trust in me by giving me the opportunity to serve on the Editorial Committee. Their continuous support, mentorship, and encouragement have been instrumental throughout the process.

This edition would not have been possible without the exceptional contribution of Ms. Shirin Shaikh, whose dedication and sharp editorial insight ensured the newsletter meets the highest standards. Her commitment to bringing out the best in every page has truly elevated this volume.

We are also especially thankful to Mr. J. A. Gawade, our co-faculty member, whose creative inputs and technical finesse added a special touch to this edition. His unique contributions brought a fresh visual and structural appeal to Avishkar.

To our brilliant students—your ideas, energy, and determination are what breathe life into this newsletter. Whether it's through your projects, achievements, or initiatives, you continue to inspire us all. Keep exploring, keep pushing boundaries, and never stop being curious.

Avishkar is more than a publication—it's a platform, a voice, and a mirror of who we are as a department. Let's continue to grow together, one edition at a time.

Thank you,
Mr.Tejas Chandrakant Mhapankar
Faculty Member, Editorial Committee

SCHOOL CONNECT 2026-27 HIGHLIGHTS

धरा तंत्र शिक्षणाची कास, जीवनात फुलवा आनंदाची बाग