

DIRECTOR'S DESK



Hon. Achyut Sawantbhonsale
Executive Chairman, SYBES

Dear parents students, a sparkling new academic year to all of you. As a part of the Bhonsale Knowledge City family, I believe that in this New Year, we all together would come forward to complete our commitments with more enthusiasm, extra efforts & determination. We should demonstrate our exemplary achievements throughout the semesters to come.

I am glad that Computer Department is bringing out its seventh issue of **AVISHKAR**. This will provide you an inside story of the departmental activities. I would like to give my best wishes to all the editorial board members, staff members and students for making **AVISHKAR** interesting and more informative. ★★★

Editorial Committee

Editor in Chief

Mr. G. A. Bhosale (Principal)

Co-Ordinator

Mrs. N. N. Sandye (Lecturer)

Departmental Faculty Member

Mr. S.M. Mayekar (Lecturer)

OUR VISION

To Produce
Ethical and Knowledgeable
diploma holders in
Computer Engineering.

OUR MISSION

Mission 01 :-

To provide our student with curriculum and industry based teaching learning process.

Mission 02 :-

To encourage our faculty and students to participate in Industry academic event.

Mission 03 :-

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

Celebration Of Engineer's Day

On the occasion of Engineer's Day, Department of Computer Engineering organized C Quiz Competition for all second and third year computer engineering students. Two rounds were taken in this competition. All students gave their best performance.

The winners of this competition are :

1st winner - Ms. Stephyrose P. Monteiro. (SYCO)

2nd winner - Mr. Manas D. Desai. (SYCO)

3rd winner - Mr. Kashinath S. Patkar. (TYCO)

Computer department HOD Mr. P.D. Kate, Mr. S.M. Mayekar, Ms. S.R. Teli, Ms. R.R. Panase, Mr. R.C. Dhandekar, Ms. T.V. Gavandi, Ms. G.M. Desai were worked as supervisors. All staff members worked together to make this competition successful.



HOD DESK



PRASHANT D. KATE
HOD

Welcome and best wishes to all the stakeholders of the Computer Department. It gives me a great opportunity to present the seventh issue of **AVISHKAR**. It has been an interesting and busy semester for the members of the department. The past semester was full of various activities by the students and faculty in academic, co-curricular and extra-curricular activities. curricular and extra-curricular activities will give the outlet to students' talent. Newsletter brings forth this hidden talent of students.

As you read through the pages you will realize that the department had a particularly very successful semester. I would like to thank all my colleagues for their tireless efforts to help the department progress at a very steady pace. ★★★

Guest Lecture On Personality Development

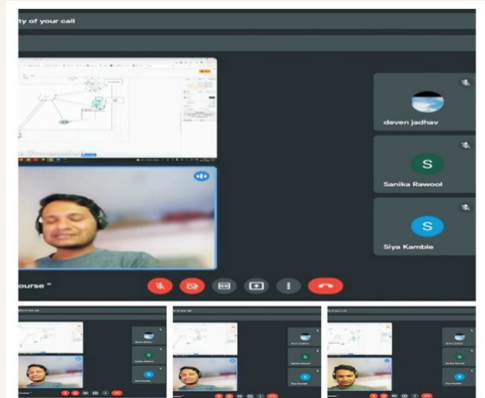
Computer Department of Yashwantrao Bhonsale Polytechnic Sawantwadi, arranged guest lecture for Second and Third year Computer Engg. students on 1st September 2022, which was conducted by Hon. Shri. Vijay Masurkar (Block divisional educational officer) and Mrs. Masurkar. Mr. Mrs. Masurkar were felicitated by Mr. P. D. Kate (HOD of Computer Dept.). He encouraged and motivated students by giving some real life examples. His speech was **Fight against Situation, but don't Give Up.** used on the theme He also gave information about the UMED foundation, which basically works for upbringing of Orphan Children. For his motivational social work, COMPESA committee and staff members of the Computer department

gave helping hand to his organization. Introduction of the program was given by Mr. S.M. Mayekar and Vote of thanks was given by HOD Mr. P.D. Kate. For this event, all computer dept. staff members were present



Guest Lecture On System Design

On 8th August 2022, guest lecture was organized by Computer Department of Yashwantrao Bhonsale Polytechnic, Sawantwadi on **Basic System Design** course. For the said lecture, the speaker was Mr. Dhiraj S. Kate, an associate Product Manager, The Digital Group of India, Pune. The guest speaker explained the concepts of how to build up the system before going to develop any application. He also explained the different tools that are used to design the system architecture and the concepts of system designs. At the end of the session, students asked questions regarding system architecture development. S.M. Mayekar gave introductory speech and vote of thanks. Computer Engineering Department Head Mr. P. D. Kate welcomed the guest speaker.



SUMMER 2022 RESULT : TOPPERS

FY CO



Monteiro Staphyrose
87.00%

Sawant Devang
84.09%

Pinto Natal
85.58%

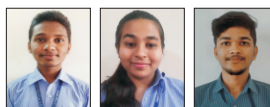
SY CO



Manasi Aroskar
89.00%

Shital Mestry
90.20%

TY CO



Babali Shirodkar
91.66%

Naveena Bhat
89.77%

Siddhesh Talwadekar
91.26%

Guest Lecture on Opportunities in IT Sector after Diploma

On 26th August 2022, an interactive guest lecture was organized by Computer Department of Yashwantrao Bhonsale Polytechnic, Sawantwadi to make the students aware about Career Opportunities in IT sector after diploma.

For the said lecture, the speaker was Prof. Mr. V. V. Sawant, an assistant professor, SSPM College of Engineering, Kankavali. The speaker explained IT sector opportunities in cyber security, cloud



computing. Also, he explained the different opportunities available in government sector for security analysts. S.M. Mayekar gave introductory speech and vote of thanks.

Computer Engineering Department Head Mr. P. D. Kate welcomed the guest lecturer.

Industrial Visit at Sindhudurg Live

On 7th and 14th October 2022, the dept. of Computer Engineering arranged industrial of second and third year students at Sindhudurg Live, Sawantwadi. Both these visits were knowledgeable for the students. At Sindhudurg Live, Sawantwadi, students understood how media editing and scheduling software are worked.



Students shine at Divisional Carrom competition : Claim for State Level

Students of Yashwantrao Bhonsale Polytechnic won the title by performing brilliantly in the divisional carrom competition organized for the technical institutes of Kolhapur division and proved their claim for the state level competition.

The competition was organized at Dr. D.Y. Patil Polytechnic, Talsande, Kolhapur. Kolhapur, Sangli, Ratnagiri and Sindhudurg districts Polytechnic Institutes participated in this event.

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The Future of Blockchain Technology**– Jadhav Bhiva Rajan**

Blockchain technology, often associated with cryptocurrency, is much more than just a digital currency framework. It is a revolutionary technology that has the potential to redefine how we store, access, and transfer data. During my academic journey at YBIT, I became deeply interested in how blockchain can be applied to industries beyond finance, including supply chain management, healthcare, and voting systems.

One of the key aspects that intrigued me was the decentralized nature of blockchain. The idea that information can be securely shared without the need for a central authority is a game-changer. I participated in a project where we implemented a simple blockchain model to understand how transactions are recorded securely in a distributed ledger. The transparency, immutability, and security features of blockchain make it an ideal solution for industries requiring trust and accountability.

The future of blockchain looks bright as it is being explored for everything from digital identity management to secure data sharing in healthcare. As a computer science student, I am excited about the endless possibilities that blockchain offers, especially in ensuring data security and transparency.



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Machine Learning: A Path to Smarter Solutions**– Kadrekar Prasanna Prasad**

Machine Learning (ML) is an area that has fascinated me since I first heard about its applications in real-world scenarios. From voice recognition in smartphones to autonomous vehicles, ML is already shaping our world. During my studies at YBIT, I have worked on several projects that helped me explore ML algorithms like regression, classification, and clustering.

One of the most insightful projects I worked on was developing a recommendation system for an online shopping platform. We used collaborative filtering and other techniques to predict the items that a user might be interested in. This hands-on experience helped me understand the complexities of training data and fine-tuning algorithms to improve accuracy.

Machine learning offers innovative solutions for various problems across industries. Its ability to analyze vast amounts of data and make predictions is invaluable in sectors such as finance, healthcare, and marketing. I believe that ML holds immense potential, and as technology continues to advance, we will see smarter solutions to global challenges. I aspire to deepen my knowledge in this field and contribute to building smarter systems that can enhance human life.



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