

# Avishkar

Unleashing Ideas

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YASHWANTRAO BHONSALE  
**POLYTECHNIC**  
NEWSLETTER

Computer Engineering Department

Vol : III

FEB 2020

## DIRECTOR'S DESK



**Hon. Achyut Sawantbhonsale**  
Executive Chairman, SYBES

It gives me a great pleasure to know that Computer Department is coming with its third issue of Newsletter *Avishkar*. This year our three programs have been accredited. With this recognition, definitely in future our students will be known worldwide for their quality and overall development.

This Newsletter will prove to be the mirror of the activities not only of students but also of teachers. I am very proud to say that Departmental activities and achievements will help to build the image of the institute. I am sure that we will get good response from our students and parents. So once again I congratulate all and wish the best for the future.

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## Editorial Committee

### Editor in Chief

Mr. G. A. Bhosale (Principal)

### Co-Ordinator

Mrs. Sarita Sawant-Sandye (Lecturer)

### Departmental Faculty Member

Mr. Sanjay S. Zende (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 skill in our students.

## State Level C- Competition

Yashwantrao Bhosale Polytechnic, Sawantwadi organized State Level ISTE Approved Self-Financed "C- Competition" for Computer students on 11th Feb, 2020. The aim and objective of this activity was based on various program outputs like Ethics, team work, life-long learning. The competition held in two rounds. The first round was of Aptitude Test and the second round was Aptitude test Program Logic Development and Coding. More than hundred students participated in this competition. Second Year Computer students Vinay Gawade and Amrut Gawde got runner up rank in this competition. All successful students were felicitated at the hands of Hon. ble guests and others.



## HOD DESK



**Inchanalkar P.B.**  
HOD

It gives me an immense pleasure to know that Computer Department is coming with its third issue of Newsletter "Avishkar" as a reflection of departmental activities. First I would like to thank the institute for providing all the facilities for overall development of the students. This Newsletter will provide technical platform to bring out the hidden talent of students. All departmental activities have been mentioned in this newsletter. Co-operation and team work among faculty as well as students will definitely lead to proper image building. So I congratulate the editorial team and department also for supporting us.

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## Industrial Visits



On 23rd January, 2020, Computer Department of Yashwantrao Bhonsale Polytechnic, Sawantwadi arranged Industrial Visit of Second Year Computer Engineering students at **Gokul Milk Processing Unit, Kolhapur** and First Year Computer Engineering students visited **Aastha Computer, Sawantwadi** on 17th January, 2020. At Gokul, students understood networking, software development automation unit working environment of Gokul Milk processing unit and also understood different functions of RAID HDD, Rack Server, fibre Optic network. At Aastha Computer Sawantwadi, students understood how to troubleshoot the problems occurs in computer system and how to resolve it by using different advanced techniques. The purpose of these two visits was to create awareness and provide knowledge to students about emerging trends and technologies used in industrial area.

## Students' Achievements

**Computer Girls receives General Championship**  
Our First and Second year girls of Computer Engineering won "General Championship" in Annual Sports 2019-20. By showing their best skills and teamwork in sports and games, computer girls received this award. The General Championship Trophy was awarded to girls at the hands of Hon. Vikasbhai Sawant, Guest of Hon. on the Annual Day Programme.



In an **Inter Engineering Diploma Students Sports Association (IEDSSA)'s Carrom Event** which held at Sant Gajanan Maharaj Rural Polytechnic, Gadhinglaj, our second year student **Mr. Yogesh Gawas** won second prize.

Our First year of Computer Engineering Students **Mr. Rama Shirodkar** and **Mr. Harsh Magam** won Third Prize in "Quiz Competition" organized by IT and Computer Science Department of Shripancham Khemraj Mahavidyalaya, Sawantwadi on 24th and 25th January, 2020.

## Guest Lecture on

### "Fundamentals of C- Programming"

On 23<sup>rd</sup> January 2020, Computer Department of Yashwantrao Bhonsale Polytechnic, Sawantwadi arranged guest lecture on "Fundamentals of C- Programming" for first year Computer Engineering students. The speaker for this guest lecture was **Mr. V. V. Parkar**, Lecturer, Rajendra Mane college of Engineering, Devrukh. **Mr. V. V. Parkar** shared his knowledge about various programming languages. He also explained some techniques for program logic development, design and implementation of program through coding. He also briefly discussed about various recent tools or trends in IT sector for career advancement. He guided our students about the career opportunities in this field. It provides platform for students to go beyond their academic & explore their hidden talent. It is meant to motivate students for doing research work in IT field.

## WINTER 2019 RESULT : TOPPERS

### First Year Computer Engineering



Siddhesh talavadekar 83.28%  
Babali Shirodkar 83.14%  
Bhaskar Dhuri 82.14%

### Second Year Computer Engineering



Vaishnavi Parab 93.07%  
Anant Padwal 89.47%  
Gajendra Sutar 88.27%

## Students' Articles

### Ethical Hacking

Ethical hacking is the gaining of unauthorised access to data in one or more computers, performed by a company or individual to help identify potential threats on a computer or network. -n ethical hacker attempts to bypass the security of system and search for any weak points that could be prone to exploitation by malicious hackers. This information is then used by the person or organization that hired the ethical hacker, to improve the system security, in an effort to minimize or eliminate any potential attacks. - Pravin Jadhav (SYCO)

### IOT

Internet of things is believed to change the entire way people communicate, work and live. The entire world is migrating towards IOT which will have a huge impact on our lives in the coming five years. Leave about connecting computers, laptops and smart phones with the internet, now there will be a multitude of smart devices connected to the internet and each other. Starting from home appliances to big industrial machinery, everything will become smart. In India, there are more than 60 percent start-ups working on the lines of IOT with their highly technical and technological skills. From Logistic industry to IT industry, IOT will have a crucial role to play in the development of these sectors. Adoption of IOT will help businesses in saving costs at greater margins. - Aishwarya Patankar (SYCO)