RAYAT SHIKSHAN SANSTHA'S
KARMAVEER BHAURAO PATIL POLYTECHNIC COLLEGE, SATARA

SPARK FORWARD
OFFICIAL NEWSLETTER OF

DEPARTMENT OF
COMPUTER ENGINEERING

For Private Circulation Only

http://www.kbppoly.edu.in/

VISION

To produce Excellent Technocrats with Psychometric & Cognitive Skills, committed to High Standard Technical Education

MISSION

To be a center of Excellence in Field of Computer Engineering & Achieve Perfection in it.

In this letter:

Karmaveer Bhaurao Patil Polytechnic , Satara Received Best Polytechnic Award in Satara Region on 15th september 2023

Certificate of Honor Awarded by Builders Association of India (Satara Region) for Academic Performance for 2023-24

Certificate Of Honor

BUILDERS ASSOCIATION OF INDIA
SATARA CENTRE

THIS CERTIFICATE HAS BEEN AWARDED TO
KARMAVEER BHAURAO PATIL POLYTECHNIC, SATARA

as "BEST POLYTECHNIC"

IN SATARA REGION ON
ACADEMIC PERFORMANCE FOR YEAR 2022-23

Date : 15th September 2023

Kaustubh More
Secretary

Anil Datir
Chairman

ABOUT DEPARTMENT

Karmaveer Bhaurao Patil Polytechnic, Satara (formerly Karmaveer Bhaurao Patil College of Engineering and Polytechnic, Satara) started functioning from the year 1983 with three courses Construction Technology, Digital Electronics and Production Technology. With the developments in engineering field, the Construction Technology & Production Technology were changed to Civil Engineering and Mechanical Engineering. Also two additional courses were introduced, Electrical Engineering, Computer Engineering in year 2010 and 2011 respectively. As per industry demand, curriculum of Computer Engineering has greater emphasis on understanding of facts, fundamental concepts and technology subjects. The industry and society demands are fulfilled by experienced, qualified & motivated faculty, staff and laboratories of department. Department aspires the overall development of the student through various co-curricular and extracurricular activities. Students are cultivated through industry expert lectures, seminars, workshop, skill development programs and industrial visits. Students are also encouraged to organize and participate in various events such as project competition, technical paper presentation, quiz competition, social activities, sports etc.

- Year of Establishment : 2011
- Intake Capacity : 120
- DTE Code : 6406
- MSBTE Code : 0041
- Affiliated To : Maharashtra State Board Of Education, Mumbai

Program Outcomes (PO's) of Computer Engineering Department

At the entry point of the industry soon after successful completion of the diploma program, students will be able to

PO 1 – <u>Basic and Discipline specific knowledge:</u> Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.

PO 2 - <u>Problem analysis:</u> Identify and analyse well-defined engineering problems using codified standard methods.

PO 3 - <u>Design/ development of solutions:</u> Design solutions for well-defined technical Problems and assist with the design of systems components or processes to meet specified needs.

PO 4 - <u>Engineering Tools, Experimentation and Testing:</u> Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.

PO 5 - <u>Engineering practices for society, sustainability and environment:</u> Apply appropriate technology in context of society, sustainability, environment and ethical practices.

PO 6 - <u>Project Management:</u> Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.

PO 7 - <u>Life-long learning:</u> Ability to analyse individual needs and engage in updating in the context of technological changes.

Program Specific Outcomes (PSO's) of Computer Engineering Department

At the entry point of the industry soon after successful completion of the computer Engineering Diploma program, students will be able to

PSO1: Computer Software and Hardware Usage: Use state-of-the-art technologies for operation and application of computer software and hardware.

PSO2: Computer Engineering Maintenance: Maintain computer engineering related software and hardware systems.

PRINCIPAL' S DESK

Prin. Dr. Shaikh K. C.
I/c Principal
Karmaveer Bhaurao Patil Polytechnic, Satara

Dear students and faculty members,Karmaveer Bhaurao Patil Polytechnic, Satara has a reputation of maintaining vibrancy by creating an environment where student can cultivate his prosperity.

I am glad to know that the Department of Computer Engineering of Karmaveer Bhaurao Patil Polytechnic, Satara is bringing out Odd Semester Newsletter The Polytechnic is proud of the achievements of the students and staff of the department and bringing out this Newsletter. The Department of Computer Engineering has carried a name for itself in pursuit of polytechnic's vision and mission and its own vision and mission. I wish all success for the Newsletter and hope they carry forward the vigor and dedication for bringing out the future volumes of Newsletter.

HOD'S DESK

Name: Mr. Ghorpade B.S.
Designation: I/C Head of Department
Email id: hodco@kbppoly.edu.in

Rayat Shikshan Sanstha's Karmaveer Bhaurao Patil College of Engineering & Polytechnic started functioning in the year 1983 with the branches Electronics Engineering, Civil Engineering & Production Engineering courses on diploma side. Considering the continuous demand of Computer Engineering branch from society, Computer Engineering branch has been started from the academic year 2011-2012. We are living in the computer age. Today computers are used in the every field & have wide range of applications. Whether it is a medical application or banking, computers are used to solve complex problems in an efficient manner everywhere in a short time. Since the ever-advancing field of computer technology, computer engineers have a promising future. The department has well-equipped Laboratories & dedicated young enthusiastic faculty, taking continuous efforts for students. The all-round development of the personality of students in the department is the motive of the department.

Our computer Engineering Department organizes series of guest lectures, workshops, Seminars, Personality development programs, Entrepreneurship development program from Industry Experts & soft skill development institutes. The number of MOU's has been signed between the department and industries and consulting firms. Regular Industrial visits are arranged to make students familiar with the Industrial work culture. Also, students are motivated to attend Industrial training in Industry as per MSBTE norms. Different curricular & co-curricular events are organized through the Association of Computer Engineering Students (ACES) which is helpful for the development of organizing, management skills as well as leadership qualities of students. Such activities always uplift the merits of young generation and encourage them to acquire more knowledge, skills, and information about curricular and co-curricular subjects. Faculty Guardian Scheme is implemented to increase merit of students. Online lectures/training activities are also promoted from this year. MSBTE, Mumbai has given excellent grade for the year 2018-19 to the Computer Eng. department which is a remarkable achievement of the department in a short journey of the department.

EDITOR' S DESK

Name: Mrs. Khade A.M.

Lecturer (Computer Engineering)

Welcome to Newsletter published by Department of computer engineering . At the outset, let me deeply and whole-heartedly thank our Principal, Head of Department and all my colleagues who have extended their kind and timely support for the release of this newsletter.

This newsletter is a fountain of information on the various activities our Department during the current semester. Be sure to read it all to gain an even better insight of our prestigious department. Enjoy reading.

ABOUT ACES

Association of computer Engineering student (ACES) is an Association formed by the students of Computer Engineering Department to foster the growth of knowledge. With the support and guidance of the faculty, Technical and Nontechnical events are organized for assisting students to increase their knowledge and skills in planning, delegating, decision making and to develop a more positive and realistic attitude toward themselves, their peers and the institute. It provides opportunities for social interaction among organization members. Under ACES we have conducted various events as paper presentation, industrial visits, guest lectures, soft-skills development programs, welcome function to all new comers of the entire computer Engineering Department.

ACES Committee

Sr. No.	POST	CLASS	Name
1	Ladies Representative	TY-A	Avanti Awale
2	Ladies Representative	TY-B	Aarya Sabale
3	Class Representative	TY-A	Atharv Kadam
4	Class Representative	TY-B	Shreyash Phalle
5	Ladies Representative	SY-A	Kumudinu Bugde
6	Ladies Representative	SY-B	Siddhi Oswal
7	Class Representative	SY-A	Dhanaraj Chavan
8	Class Representative	SY-B	Shivaraj Sapkal

Departmental Activities

Date: 01/10/2023

"SWACHA BHARAT ABHIYAAN"

As we celebrate Gandhi Jayanti and embark on the Swachh Bharat Abhiyan, let us renew our commitment to Mahatma Gandhi's vision of a clean, healthy, and prosperous India. By embracing his ideals of truth, nonviolence, and social justice, and by actively participating in the Swachhata Abhiyan, we can contribute to the creation of a more sustainable and equitable society for future generations. Let us remember Gandhi's famous words, "Be the change you wish to see in the world," and strive to make a positive difference in our communities and our nation.

Departmental Activities

**First year Welcome Function with Parents:
Date: 13 Sep 2023**

Departmental Activities

Expert Lecture on CYBER SECURITY:
Date: 15 Sep 2023

Expert/Guest Lecture delivered by "CYBER SECURITY CELL, SATARA" on 15 Sep 2023.

In conclusion, cybersecurity is a critical aspect of modern-day business operations and personal security. By understanding the fundamental concepts of cybersecurity, staying informed about the latest threats, and implementing robust security measures and practices, organizations and individuals can protect themselves against cyberattacks and mitigate the risk of data breaches and financial losses. As we continue to embrace digital technologies and innovations, cybersecurity must remain a top priority to ensure a safe and secure digital future for all.

Departmental Activities

Departmental Activities

Dr. APJ Abdul Kalam Jayanti Celebration
Date: 15 Oct 2023

On the occasion of former president Dr. APJ Abdul Kalam's birth anniversary, October 15, celebrate 'Vachan Prerna Divas' (Inspire to Read Day).

Technology and gadgets have almost taken over the habit of reading. On this day students will be urged not to use any form of social media platforms, such as Facebook, Twitter, and instead, read books.

Parents-Teacher-Students Meet 2023-24

<u>Venue: Auditorium</u>

Parent –teacher meet organized by computer engineering department for Tyco class on 16 Nov 2023 for parent whose ward are in third year computer engineering.

<u>Outline of meeting:</u>

1. Overview of Computer engineering Department.
2. Academic Activities 2023-24
3. Class Test
4. Feedback of Parent.

EXPERT LECTURE

Date :23/09/2023

Expert/Guest Lecture delivered by Mr. C.N. Phalke on topic of "Recent Trends in IT Industry" on 23 Sep 2023.

In conclusion, the IT industry is undergoing rapid transformation, driven by emerging technologies, changing consumer expectations, and evolving business needs. By embracing the latest trends and adopting innovative approaches, organizations can position themselves for success in today's digital economy. As professionals in the IT sector, it's essential for us to stay curious, adaptable, and proactive in exploring new opportunities and driving positive change.

Parents-Teacher-Students Meet 2023-24

Venue: Auditorium

Parent- teacher meet organized by computer engineering department for SY-CO (Div-B) class on 22 Nov 2023 for parent whoseward are in second year computer engineering.
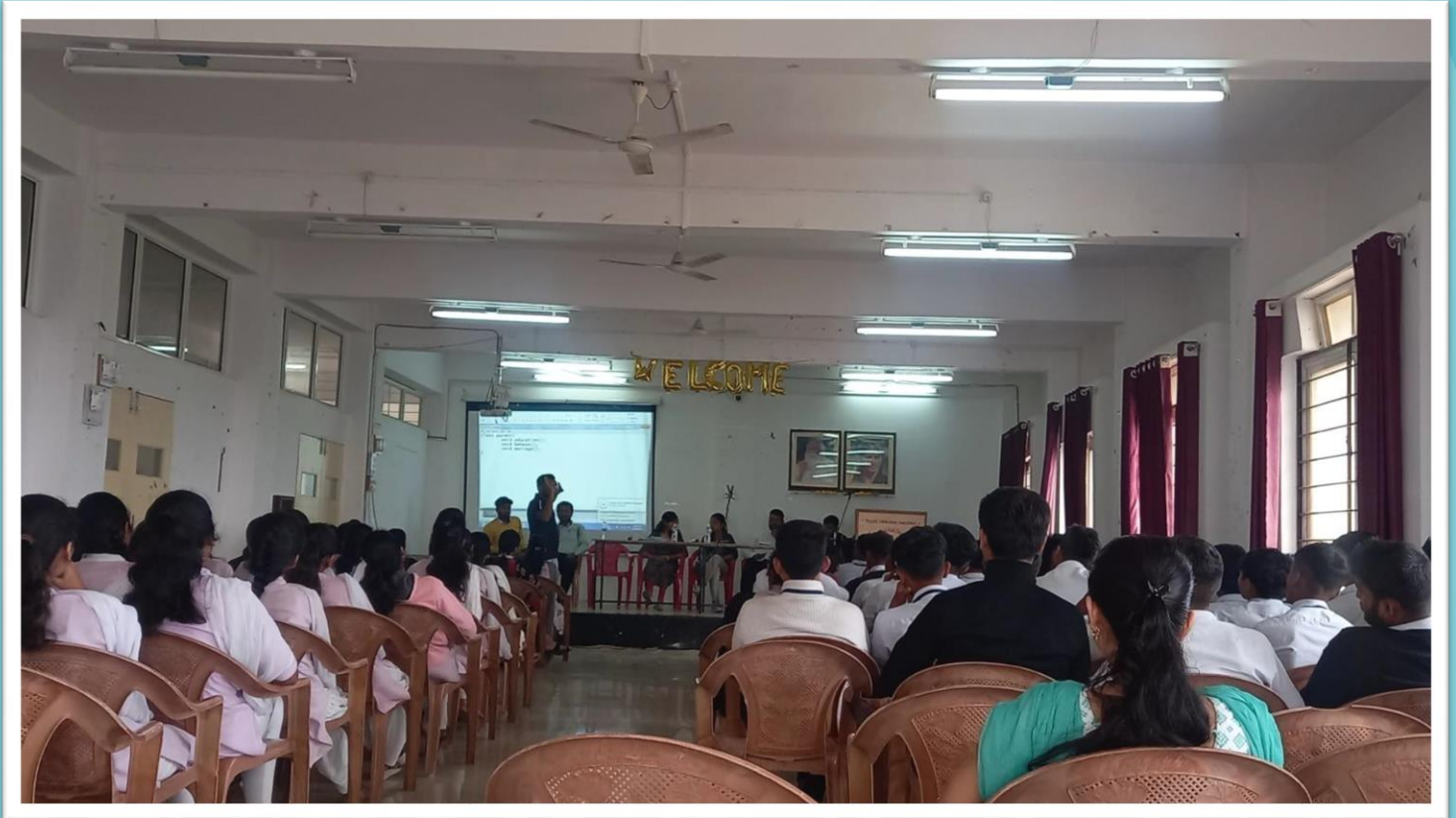
Outline of meeting:

1. Overview of Computer engineering Department.
2. Academic Activities 2023-24
3. Class Test
4. Feedback Of Parent.

Expert Lecture

Date :23/09/2023

Expert Lecture delivered by Ms. Neha Pendse
on topic of "Carrier Opportunities" on 23 Sep 2023.

In conclusion, the world of career opportunities is vast and ever-evolving. By staying informed, adaptable, and proactive, you can navigate career transitions, seize new opportunities, and achieve your professional goals. Remember to invest in continuous learning, build a strong support network, and maintain a positive mindset as you embark on your career journey. I encourage each of you to embrace the possibilities that lie ahead and take ownership of your career path. Thank you for your attention, and I wish you all the best in your future endeavors.

Fresher's Party

In conclusion, organizing a freshers' party is an exciting opportunity to welcome new students and create lasting memories. By setting clear objectives, choosing engaging themes, planning meticulously, promoting inclusivity, and prioritizing safety, organizers can ensure that the freshers' party is a fun, memorable, and inclusive event for all attendees.

Faculty

Name	Designation	Experience
GHORPADE BIPIN SHIVAJI	HOD	12 Years
MRS PAWAR M.D	Lecturer	10 Years
NIKAM SONALI ATUL	Lecturer	06 Years
PALKAR NEELAM MAHAMMADHANIF	Lecturer	04 Years
AWAD JYOTI VISHAL	Lecturer	03 Years
JADHAV BHAVANA SUNIL	Lecturer	02 Years
BAGWAN AASIFA AASHRAF	Lecturer	02 Years
KHUDE JANHAVI	Lecturer	02 Years
MUJAWAR SAMEENA ABDUL	Lecturer	01 Years
KHADE A M	Lecturer	2yrs
GARDE A R	Lecturer	1yr
BAGWAN SHIFA	Lecturer	6 moths
OTARI PRATHAMESH	Lecturer	04 MONTHS
NAVSHAD SHAIKH	Lab Asst.	10 YRS
BANSODE R S	LAB ASST	35 YRS
D R CHEDE	PEON	30YRS
M A MADANE	PEON	29YRS

MSBTE Exam Summer 2023 TOPPERS
Class: Third Year CO

Name Of students	Rank
1. Dhane Kedar Sunil	I
2. Dalvi Vedant Sachin	II
3. Karne Apoorva Suryakant	III

MSBTE Exam Summer 2023 TOPPERS
Class: Second Year CO

Name Of students	Marks
1. Sabale Arya Ajit	87.33 %
2. Awale Avanti Sandip	86.00 %
3. Sawant Shreeja Shekhar	85.60 %

EDITORIAL BOARD

THANK YOU !