



Rayat Shikshan Sanstha's

Karmaveer Bhaurao Patil Polytechnic, Satara

Department of Computer Engineering



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Tech Bytes

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Editor in Chief

Mr. A. S. Nalawade

Editors

Mr. Urunkar O. R.

Ms. Mujawar N. S.

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Getting Started :

Welcome to the first issue of our newsletter “**Tech Bytes**”. It is an opportunity for us to share relevant activities conducted by Computer Engineering Department of Rayat Shikshan Sanstha's Karmaveer Bhaurao Patil Polytechnic, Satara. It helps to share information regarding current trends in Computer science and Engineering.

The “Tech Bytes” is distributed electronically through the electronic media (Institute Website, Facebook and WhatsApp). It will provide departmental news, upcoming events, ACES activities, Industry Speak, From Students Desk- votes of students, From Alumni Desk votes of Alumni, Success Stories of Diploma Holder etc.

Today we are publishing the first issue of “Tech Bytes”. Hereafter, it will be published twice a year. First issue will be published in the month of October and second in the month of March.



Staff & students of Computer Engineering Department

Department Profile:

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.

Message by Editor in Chief:



*Prof. Nalawade A. S.
Editor in Chief
Head of Department*

Karmaveer Bhaurao Patil college of Engineering & Polytechnic started functioning in the year 1983 with Electronics Engineering, Civil Engineering & Production Engineering courses on diploma side. But considering the demand of Computer Engineers Computer Engineering branch has been started from academic year 2010-2011.

It gives me immense pleasure to put forth departmental newsletter entitled "TECH BYTES". This news letter will serve to reinforce and allow increased awareness, improved interaction and integration among all of us. Usually we fail to appreciate the good deeds of many people and activities that happen around us as we are engaged in irrelevant talks and assumptions. Tech Bytes emphasizes on the different half yearly activities conducted on department level and under the student association. This inaugural issue briefs about activities such as Freshers Welcome, Guest lectures by experts, Industrial Visits, Social awareness programs. It is platform to congratulate and acknowledge the hard core work of my staff to give best of all we have to our students.

Principal's Message:



Prof. Sheikh K. S.

Principal

Today, I congratulate Prof. Nalawade A. S, Head of Computer Engineering Department, his Department Faculty, Staff and Students for taking the initiative and launching the first issue of TECH BYTES the half yearly newsletter. I am very much confident that newsletter TECHBYTES will serve as an important link with all the stakeholders of the Polytechnic and the Computer Engineering Department in particular. My best wishes to the department for the success of newsletter TECH BYTES and hope that with more and more inputs from our stakeholders additional features can be included in future issues of the newsletter.

The Polytechnic is confident that TECH BYTES will help it in overall Academic Elevation of Institute and the Department.

Guest Lectures

➤ NBA Accreditation for polytechnics:

Guest lecture on “NBA Accreditation for Polytechnic” by Prof B.V. Kadam, Lecturer (Selection Grade) Mechanical Dept of Bharati Vidyapeeth Jawaharlal Nehru Institute of Technology, Pune was organized on 18th Sept 2019 at Principal K. S. Sheikh sir Cabin on 18 sept. 2019 for Head of all Engg. Departments and Computer Engg. Department Faculty members. NBA constitutes an evaluation team comprising one Chairperson and one or two Evaluators for each programme to be considered for accreditation. Kadam sir narrated the guidelines and helped us understand the process and details of NBA process.



*Workshop on NBA Accreditation for Polytechnic
by Mr. Prof B.V. Kadam*

Industry Speaks

➤ **Personality Development :**

A guest lecture on personality development was organized on 15 sept. 2019 by Mr. Pradyumna Vijay Agate for Second year Computer Engg. Students. The session was organized to bring over all shine in the student's personality, to make them able to form a healthy rapport with anybody of any age bracket and to get a wonderful edge. Moreover, the lecture was interactive. It also helped the students to build a positive attitude and motivated them to achieve high success in life. The lecture was enlightening experience as it helped to rediscover oneself as a human being, as a student, as a fresher who was looking for his/her dream job. The guest lecture was conducted to provide the students with an insight of global exposure and understanding of various key concepts like Dedication, Self-confidence, Leadership skills, Positive attitude, Discipline, Enthusiasm, Hard work and the importance of communication in every sphere of our life. He explained the importance of having good leadership skills among students and conducted various activities in groups to explain the same. The key learnings for the students from the session are - How to set goals and how to define time needed to achieve these goals and How to get inspirations to achieve these goals.



Guest Lecture on personality development by Mr.

Pradyumna Vijay Agate

➤ **Stress Management : (17-7-2019)**

Guest lecture on Stress Management was organised by Computer Engg. Department for all students of second year. The lecture was delivered by Mr. Amit Ladge Operational Head, Priar Web Pvt. Ltd., Mumbai. Today's lifestyle is so fast that we need not feel to pay attention to one's mental health. Stress is very injurious to one's health. Speaker explained how stress is a part of human life and explained causes of stress and, its effects on body and mind, Remedies, Ways to live happily. He explained in detail the strategies to manage stress effectively.

➤ **Entrepreneurship development : (15/9/2019)**

On occasion of Engineers day Guest Lecture on "Entrepreneurship development" by Mr. Nitiraj Arvind Sabale District Financial Literacy Officer Bank of Maharashtra, Satara was organized for Third year Computer Engg. Students on 15 sept 2019. The session started with introduction to "entrepreneurship". How one should be passionate about making their ideas work. In his interaction, Mr. Nitiraj spoke about the Skills required by a successful Entrepreneur and the desire to improve their world, ability to raise money, relieve stress, to be reproductive, to make entrepreneur friends, ability to spot new trends and to deal with failure. He talked about working with deadlines, and one should anticipate competition, hiring right kind of people, and one should continue to keep analyzing work as a long term effort. The interactive session inspired students and will definitely help them in future life.



Guest lecture of EDP by Mr. Nitiraj Arvind Sabale

➤ **Entrepreneurship development :**
(16/9/2019)

Guest lecture on “Entrepreneurship development” was organized for Third year computer Engg. Students. Speaker for this session was Mr. Dnyanesh Palekar of Palekar Food Products Pvt. Ltd. Satara. Entrepreneurship Development is the process of improving the skills and knowledge of entrepreneurs through various training and classroom programs. He guided students with different key attributes which will definitely help students to establish startup of their own. The program included sessions on different aspects of entrepreneurship including a visit to a small-scale industry. The session really inspired the students.

Guest Lecture on Entrepreneurships development by Mr. Dnyanesh Palekar

➤ **Cyber crime and girls Safety :**
(19-9-19)

A Guest Lecture was organized for Girls Students and ladies faculty of Computer Engg. Department on 19th sept. 2019 on “Cybercrime and Girl Safety”. The lecture was conducted by Mahila Police Constable Mrs. Jotsana Mundhe. The session was very informative and interactive. She explained about Cyber Crime and Cyber Security mechanisms and tools with some live examples. The objective of the Guest lecture was to enlighten the students with the advanced technology in the Cyber Security. During session an inspiring video of Acid attack survivor Laxmi was played. Also student delivered inspiring speech regarding girl crimes. Mundhe mam told about “Pratisad App” for registering complaints against sinisters. Mundhe mam formed a group of all girls and ladies staff.





Guest Lecture on Cybercrime and girls safety by Mahila Police Constable Mrs. Jotsana Mundhe

➤ **Art of Living : (16-9-2019)**

Guest Lecture on Art of living by Dr Priya Jagdale for Students and faculty was organized on 16 sept 2019. The Session started with very innovative process of art of living which made all the participants to interact with each other for a couple of minutes and really helped all the participants to be comfortable for rest of the course. The students also learnt the art of listening; to listen everything being said, rather than listening what you want to hear. It all came to an end with students deriving a lot of positive energy and learning how to handle stress and keep mind and body fit.



➤ **Carrier opportunities in Linux:
(17-7-2019)**

Guest lecture on Opportunity in Linux was conducted for TYCO students on 17th july 2019. Resource person for this inspiring session was Ms. Archana Kharat. Linux is an operating system, platform, ecosystem, and culture. Linux is the most used and most important operating system on the planet. It powers the web, it powers our infrastructure, and it powers the largest supercomputers in the world. Student got to know the importance of Linux in industry and it's various job opportunities available.





Guest lecture on topic “Career opportunities in Linux ” by Mrs. Archana Kharat.

➤ **Tree plantation (1st July 2019)**

Since 1950, tree plantation is celebrated annually as Van Mahotsav all over Nation in the first week of July. As a part of Van Mahotsav, Mr. Jeetendra Sawant, Mr. Vinod Shinde, sou. Pujari, Prof J. K. Pawar , Principal K. S. Sheikh, Head of Computer dept. Mr. Nalawade A.S., Computer dept faculty and students planted saplings around the college campus on 1st July 2019. This Van Mahotsav celebration is an outstanding initiative in saving environment and spreading awareness among young generation of our Nation.

➤ **Industrial Visit**

The educational tour as per the curriculum was an exposure trip to understand actual working environment. Visit was arranged at Creative Technologies and Solution Satara on 18 sept 2019 for Third year students. Industrial visit is considered as one of the tactical methods of teaching. The main reason behind this industrial visit was to let students know things practically through interaction, working methods and employment practices. Total 40 students were benefited by this visit. Visit helped student to get practical Knowledge of different terms related to software development, phases of software engineering.

About ACES



Association of Computer Engineering Students (ACES) is an association formed by the students of Computer Engineering Department of our polytechnic 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 conduct various events like seminars, project competitions, paper presentation, industrial visits, guest lectures, soft-skills development programs, Welcome function for newcomers to department, etc.

Contact Us

Department of Computer Engineering

Rayat Shikshan Sanstha's
**Karmaveer Bhaurao Patil Polytechnic,
Satara**

**At: Panmalewadi, Post: Varye
Tal: Satara, Dist: Satara, Maharashtra, India
Pin: 415015**

**Phone:
9309919088**

E-Mail: cokbp0041@gmail.com