



# Computer Engineering Department Newsletter-“Spectrum”



July 2019 to Dec 2019(Ed.IX)

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- Teena Sonawane

## NBA Accreditation



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Jayawantrao Sawant Polytechnic's all five branches are accredited by National Board of Accreditation Committee.

*Theme for current Issue:*

**Cell Phones: Next generation education tools?**

JSPM's Jayawantrao Sawant Polytechnic's all five branches are accredited by the National Board of Accreditation Committee. NBA accreditation plays a vital role in facilitating constant quality improvement in higher learning institutes. NBA accreditation recognizes the innovations and achievements of higher learning institutes. The accreditation of NBA helps higher educational institute to know its strengths, weaknesses and opportunities. This committee was visited institute in the month of August. Hard work and dedication of all institute reflects the result of NBA.



Another Pledge To Excellence In Education

NBA Accredited Department

*Congratulations to All...!!*



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|  | <b>JAYAWANT SHIKSHAN PRASARAK MANDAL's</b>  |  |
|   | <b>JAYAWANTRAO SAWANT<br/>POLYTECHNIC</b>   |   |
| <b>Prof. T. J. Sawant</b><br>D.E.E,B.E.(Elec.), MISTE<br><b>Founder-Secretary</b> | (Approved by AICTE, New Delhi, Govt. of Maharashtra and affiliated to MSBTE<br>Mumbai.)<br>S. No. 58, Handewadi Road, Hadapsar, Pune- 28.<br><b>Phone : +91-020-26970229 Tel Fax: +91-020-26970229</b><br><b>E-mail : <a href="mailto:principal6425@gmail.com">principal6425@gmail.com</a> Website : <a href="http://www.jspm.edu.in">www.jspm.edu.in</a></b> | <b>Prof. S.M.Deokar</b><br>Ph.D. (E &TC)<br><b>Principal</b>                        |

## Computer Engineering Department

### VISION

To build creative programming mind in the students for adopting emerging technology in the field of computing, for the betterment of society.

### MISSION

**M1:** To impart sound theoretical and practical knowledge in the disciplines of computing, through effective teaching learning process.

**M2:** To produce industry and society oriented skillful engineers through co-curricular and extra-curricular activities.

**M3.** To inculcate ethical values in the students.



**(Principal Prof. Dr. S.M. Deokar)**

Dear Readers,

Bringing this issue of Newsletter before you has been for me a thrilling and more veracious experience as the topic "Cell Phones: Next Generation Tools?" has been a very searing one and may be the need. The basis for education for present era has become vastly technological, particularly after the boom of the Information Technology. Since the days of Y2K the use of technology in teaching, practical learning, distance education, self-study, etc has become highly consciously noticeable and has been a way of life but with riders of acceptability by both teachers and students. Technology adoption in education is the biggest change in teaching we are seeing. Today the presence of smartphones is an omnipresent feature with everyone from school children to global executives and higher-ups possess a phone on their body. They are immensely beneficial tool with far-fetched prospectus for communication and organization

with palpable returns of having treasure of knowledge and right to access. Technology is altering the way we live at a faster rate every moment. The advances in the use of cell phones have produced smarter phones that are adept to running more complex apps than ever before. We can create awareness about the world around us within the palm, with the use of technology that is easily accessible.

Polytechnic faculty makes maximum use of technology for efficient conveyance and easier understanding which is not restricted to the classroom teaching but also at the labs and in the institutes' premises too. Teachers make use of power point presentations using audio and visual depiction and software simulations which is more effective in the better understanding of the topics by the students. This helps the students apply their practical knowledge and attain the results in real time situations which they have pondered in theory. However, all this hinges on the coziness level of the teachers adopting tech-savvy techniques to deliver lectures. For the goal of achieving compatibility with the new tech based education system, it's necessary the teachers by and large accept the same gracefully.



### ✚ From HOD's Desk.....



**(HOD Mr.M.S.Kalbande)**

Cell phones – a small wireless device has changed the traditional education system miraculously. One device that turned out to be Jack of all and master of all as far as education is concerned. Devices such as smart phones and tablets used in conjunction with near universal 4G/3G wireless connectivity enable innovation that help students access to digital content and seems be an essential tool to improve learning for them. Knowledge related to all sphere of life can be obtained through mobile internet. Now a days different

educational websites that are available provide required information to the students helping them in their exams, assignments, projects etc. Various resources like videos, images, audio files reliable resources help students in creating interest in learning a subject from English to Engineering.

Many websites also provides facilities to students to ask questions and clear their uncertainty which leads to actual learning. Applying for internship and job has also become easier task for students via a tiny device i.e. cell phone. Access to wide variety of competition for students is possible only through internet. In the fast paced life student believe in instant solution which is possible at the fingertip.

### ✚ Faculty Speak.....



**(Editor, Mrs.S.N.Thorat)**

Changing one's self with the needs and demands of changing era. If one don't adopt with the changes the one will be out of the field .In today's era technology gets change in every second. Many of today's teachers are not comfortable with social media usages, with cell phones, or even with the internet. In the past 2 decades, technology has been incorporated into our lives and education systems that function just as they did in past become obsolete if they don't change.

In education sector, new modes of digital learning should be adopted positively. It makes miracles if used sensibly. The technology is neither good nor bad. It is the user who should use wisely.

Stephen diFilipo, a digital education consultant, told Ed Tech Magazine that devices represent independence and a connection to the modern world for youth much like getting one's first car. "To snatch that away from students during the learning class is deconstructing their world. Not astonishingly, students want to use technology as part of their learning process. A survey noted that students prefer to use technology/gadgets to learn. Many of students often use more than two devices at the same time for school work. If we enter any college classroom, we may view a laptops, with students typing away taking notes. Never before have students been able to access information more quickly or easily. Previously it used to take hours at a library, searching down required titles, which is now tremendously easy just by a finger click.



## Faculty Speak.....



**(Ms.T.N.Kathale)**

Eric Schmidt once said, "Mobile will ultimately be the way you provision most of your services. The way I like to put it is, the answer should always be mobile first. You should always put your best team and your best app on your mobile app." Cell phone is just another tool for students to reach the internet and swiftly secure data that will help Mrs S. R. Charpe them progress in any subject. Cell phone use supports the flipped classroom and blended learning incorporated in most colleges in the US and India. concepts being

incorporated in most colleges in the US and India. Three Benefits of having mobile technology in the classroom: Preparing Students for the Future, Up-to-date learning, Alternative to textbooks. We live in a technology advanced world, and our students should be capable of learning technology at an early age and to use it effectively in the future. Cell phones in the classroom can help students get information and keep them motivated to continue using technology for lifetime learning. Although much of the public debate is against it, there is some public opinion associated with allowing cell phones in colleges. These advantages should not be ignored since cell phones in colleges can actually add value to the educational experience, If cell phones are used to improve the effectiveness of classroom teaching, I am in favour of. using them.



**(Mr.S.S.Apune)**

In today's world of science and technology, schools and colleges are impossible to imagine without computers and internets. Students take a lot of help from internet. Using internet on computers is a difficult task, as in some schools and colleges computers may not be present in adequate amount or computers needs electricity. So rather than using internet on computers, students can use internet on their cellphones. is not only a medium of entertainment, but also it can be used for learning new ideas.

In education field, lecturers can prepare power point presentations or record audio or video of their subject topic and upload it on internet so that students can access it on their cellphones where ever and whenever they want. Now day's students are confident that with their mobile devices, they will be able to find anything they want to find, right at the time they need it. Whether its general information related to their course, the mobile device helps students achieve it faster. Advantages of cell phones are much more than disadvantages. Cell phones are capable of performing many tasks than any other educational tours. In today's environment cell phone help to boost confidence of students.



**(Shrutika Khilare TYCO)**

Yes, cell phones can be used for education and I think cell phones can be used as a decent education tool. Cell phones are different from other devices such as the computer or tab, as it is a personal technology. Most students should have invested a great deal of time learning the features of their cell phones, and their strengths and limitations. The cell phones can extend beyond the walls of the school or the confines of a classroom. but due to the negative effects, such as cheating and distraction in class and

visiting inappropriate websites, most schools, colleges do not allow students to bring their cell phones. But I think it is a responsibility of a teachers to create awareness among students regarding the beneficial use of cell phone for study. Cell phones can be an effective educational tool. Teaching and learning can be made easier if they are used wisely. For example a student can download educations applications to their phones. The apps can help teachers to create interest among students. As cell phone is one of the most advanced technical devices, cell phones can be used for education by creating app.



**(Teena Sonwane TYCO)**

The technology is enhancing every day as well as our understanding about the human world also. By using simple technology we can educate one another about the world and it is easily accessible as it is within our hand, Like that cell phones can be utilized as educational tools for educational purposes because of its advantages over computers and laptops to carry anywhere etc. Cell phones consist of lots of education,

applications that can help us to get more and more knowledge. As many scientists says every technology is having its own advantages as well as disadvantages. Even some educational experts believe that students can go to tutoring if they don't understand a subject in college and not waste their time trying to find an app to tell them solve problems or answer questions. But other dark side of cell phones are also their i.e. student get distracted from study due to continue use of cell phone which ultimately reduces their academic performance. So careful use of cell phone for educational purposes by student will definitely a good educational toll in future .

## Departmental News.....

### Tree Plantation



Students of second year from the Department of Computer Engineering were done the “Tree Plantation” activity. All students of second year and staff members were present for this activity.

### Induction Program



Department of Computer Engineering organized Induction program, Prize distribution and Vision Mission awareness program for the first year students’.



## **Project Exhibition**



On the occasion of 15 th august Department of Computer Engineering organized “Project Exhibition”. Students with innovative ideas presented their projects.

## **Industrial Visit**



Department of Computer Engineering Organized Industrial visit at “Magic Works IT Solutions”. Prof.P.D.Patil, Prof.S.S.Shende and all third year students were present for this visit.



Guru Pornima

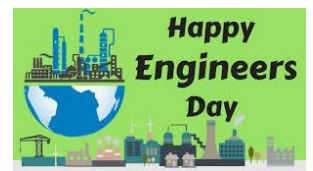


**Third year students felicitating the HOD of Computer Engineering Department Prof.M.S.Kalbande and Prof.S.N.Thorat on the occasion of "Guru Pornima"**

Teachers Day



**Student of second year felicitating Prof.S.S.Shende on the occasion of "Teaches Day". Students shared their thoughts on this occasion.**



**Engineers Day and fresher's Party**



**On the occasion of Engineers day Department of Computer Engineering organized Freshers Party. Prof.S.N. Thorat felicitating the winners of event. HOD Prof.M.S.Kalbande, Prof.T.N.Kathale, Prof.R.S.Patil and Prof.P.D.Patil were present for this program.**



**Expert Lecture on "C Programming"**



**HOD of Computer Engineering Department felicitated subject expert Mr.Arkas Bapu Dilip director of ProAzure Software Solutions Private Ltd,Pune.**



## Seminar on Ethical Hacking



**Seminar on "Ethical Hacking" was organized for third year students. Subject Expert Mr.Nand Kishor Yadav ,Prof. R.V.Garphade,Prof.R.S.Patil and Prof.S.S.Apune were present for this seminar.**

## Orphanage Visit



**Visit to Dharmavir Shambhuraje Anathalay was organized by Computer Engineering Department. Students distributed sweets, cloths and Blankets to the children.**



### **FDP on Python**



**Assistant Secretary of MSBTE Mr.Vijay Kolhe sir felicitated Prof.S.S.Jadye on the occasion of FDP organized by Computer Engineering Department.**



### **Computer Engineering Department Premier League**



**Department of Computer Engineering organized Computer Engineering Department Premier League for the students. All students' enthusiastically participated in this cricket match and first year students' team was the winner of this CDPL.**

**Sports Day**



**Jayawantrao Sawant Polytechnic organized Annual Sports Day for the students. Computer Engineering Department's girls' team wins the "Kho-Kho" competition.**

**SOP at Different Schools**



**Department of Computer Engineering organized Student Orientation Program at various schools. Faculty members guided the 10<sup>th</sup> std students for their future career opportunities.**

**Name and Sign of HOD  
(Mr.M.S.Kalbande)**