Computer Engineering Department Newsletter-"Spectrum"

Jan 2020 to June2020(Ed.X)

JSPM

JSP — Jayawantrao Sawant Polytechnic

INSIDE

- Industrial Visit
- Social Activity
- Expert Lectures
- Online Quiz

Theme for current Issue:

"Technological developments - boon or curse for mother nature!"

2020 Happy New Year

Industrial Visit

Jayawantrao Sawant Polytechnic's Department of Computer Engineering Organized Industrial Visit at Banglore

Polytechnic's Department of Computer Engineering organized industrial visit at Bangalore from 02/01/2020 to 06/01/2020. During this visit Students and staff visited Hindustan Aeronautical Limited, JVS Electronics companies and Vishweshwaraay Musium. **Hindustan Aeronautics Limited** (**HAL**) is an Indian state-owned aerospace and defense company headquartered in Bangalore (Bengaluru), India. It is governed under the management of the Indian Ministry of Defense. Students learned various technological new trends from this visit and enhance their knowledge. Students of second and third year and the staff members Prof.R.S.Patil,Prof.R.V. Garphade and Prof.N.S.Sherkhane were present for this visit.

	JAYAWANT SHIKSHAN PRASARAK MANDAL's	
	JAYAWANTRAO SAWANT POLYTECHNIC	
	(Approved by AICTE, New Delhi, Govt. of Maharashtra and affiliated to MSBTE Mumbai.)	
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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.

🞂 *From Principals Desk……*

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

Dear Readers,

It has been a long wait for this issue to be in front of you. Why not when the topic of the issue 'Technological Developments – Boon or Curse for Mother Nature' is very dear to all of us & a cause of very much concern too?

Technology is phenomenal and it's with this, that the human being has mastered the world. We have generated debris & have reached the earth's core.

We can create tremors and we have reached the great depths of the water on earth too. Using technology we have left our mark on every place of this planet. Now, through its use, we are beholding at other planets of our system.

Energy and matter, the main resources are diverted for human use thus producing enormous wastes that have led to micro and macro environmental catastrophes such as air pollution, acid rain, desertiûcation, climate change, nuclear toxic wastes etc.

What Technology is?

Technology is the making, modifying and getting acquaintance of tools, equipment, machines, techniques, skills and organizational methods in order to resolve issues, bettering solutions to snags, accomplish goals etc. Technologies threateningly affect life's ability to adjust and familiarize to their natural environs.

Here are a few examples of how technology is helping the environment right now:

Cloud seeding:

Cloud seeding has been a technological innovation used to artificially spread rain to the parched lands & for human consumption.

Apps:

Smartphone app that enables scuba divers to click & report any debris items that they have removed from the ocean. An app for recording the behavior of animals in the wild is also in use.

Digital billing:

Going digital is also helping our environment on a greater scale. Communicating through emails and effecting payments of utility bills is reducing the need for paper thus saving some trees.

Renewable energy sources:

The most recognized and important ecofriendly tech advancements have been in the clean energy sector. Solar, Biomass, Wind, Geothermal and Hydropower are the newly used ones and are under harness.

Nature is highly adaptable & it will seek its own path and whilst doing so may end up the human race and technology too. Nature inspires technology. It gives us a reference from which we can innovate, and teaches us what works and what not. Technology has the competence to variety nature — either for the better or for worse.

⬩ *From HOD's Desk……*

(HOD Mr.M.S.Kalbande)

We human beings are living in 21st century, technological world. Human beings have explored a lot in various fields such as science, technology, health care, education etc. Lot more is yet to explore. In this modern world, we cannot imagine ourselves with any gadgets around us for a moment. Simplest example, I would like to quote be **MOBILES, INTERNET**. It's even difficult to imagine our lives without them for a moment. So Technology and Technological developments have

part of our lives. With the technological developments, the human life has become fast, accurate, efficient as well as easier than before on a click of a fingertip. Behind these pros, there are cons as well. Rapidly the technology is spreading all over; there are adverse effects on environment and living bodies.

As per my opinion, of course it is badly affecting Mother Nature. Even though I would like to say Technological developments – are boon for Mother Nature. Eco-Friendly Technology, Bio Fuels, Recycling Technology, Renewable Energy, Water Management, Converting sea water into drinking water and so on…

Secondly, there has to be strict implementation. We are lagging in implementation.

Everything has two sides: positive and negative. I would say go with the positive side. Dig deep and the way will be there.

⬩ *Faculty Speak……………*

(Editor, Mrs.S.N.Thorat)

From my point of view technological development is a boon for humanity if we use it by knowing it's proper limitations and Dangerous effect. But, Definitely we convert boon in curse if we misuse it. It is true that technology has been instrumental in introducing conveniences in our daily life ranging from motor vehicles to mobiles, dynamites to detergents, AC's to PC,s Plastic to perfumes. All this conveniences also contribute to pollution in one way or other by over use of it. From the ancient time technology has always makes the

problems regarding misuse of technology. For example, vehicles make the revolution in field of transport and for the human being. Rough use of vehicles and other transport systems polluted the environment. As we all know that polluted air is responsible for global warming and environment changes, also we see that it's quite difficult to breath in cities like Delhi. Every technological effort is for welfare of mankind and the world. But, sometimes it's our mistakes and harmful practices that harm our environment.

So, as a responsible human being it's duty of every person to use the technology by knowing its harmful disadvantages and as a boon for Mother

Faculty Speak.................

(Mr.R.S.Patil)

Educational technology is the use of technological tools to improve education; It is a systematic process for designing instruction or training used to improve performance. It facilitates the learning processes and increases performance. In the 21st Century technological advances has exploded.

Schools and colleges have not been left out in these advancements. Classroom technology has become increasingly more popular. Each tool provides teachers with a method in which they can actively engage their students. These tools or devices are Internet, LCD effective. Projector, Smart Board, Laptop or Computer, Digital Camera,

Tablets, etc. These can help students to make lessons fun, interesting, and more Using technology reduces the work load and helps students to understand subject better. Essentially it is also driving the way that teachers teach and students learn. Technology based learning and assessment systems will be pivotal in improving student learning and generating data that can be used to continuously improve the education system at all levels.

Technology becomes a bane when the student, who surfs the internet, look for unsavory subjects. The abuse and misuse of the internet will have far reaching unfavorable effects on life. Allowing the students to surf the internet doesn't necessarily mean that all the things that they are going to discover are good for their mind and studies. The above point tells that a balance mind of student is boon for Mother Nature.

(Mrs.Z.S.Sajjade)

Now days we have been introduced much more modern technology like online shopping, accessing bank accounts, and online travel bookings and many in educational field. Technology has ensured that one can easily talk with anyone from anywhere. So that it is definitely a benefit only when we use it in a right way.

On the other side of the coin, there are so many curses of technology. People are wasting their time on Internet by staying full-on browsing and indulging in social media all day. Technology is central but it is humane to decide where to draw the line. Technology doesn't create man. Man has made

technological devices. Science has gifted us the super technology which should be used constructively so that it would be more a boon than a curse. Teenagers are the major fatalities and addicts of technology. Youth are desperate to keep on connected. They're afraid to be left out or miss something. Technology has increased awareness too. Today we are aware of what is happening around the world because of the minute-to-minute updates that we get online. Technology has helped reduce the use of paper since documents can be stored digitally. Technology has boosted self-learning. Technology is here to stay in spite of its disadvantages and there is no escaping the use of it. It is a wonderful tool if used in the right way.

Students Speak.........

(Vaibhavi Gaikwad SYCO)

Humans are the only animals capable of developing new things, technologies to meet their comfort. The world is now a global village where celebration, disasters, or crisis in any part of the world reaches us visually in the comfort of our homes. Now this in turn has far reaching effects on the erosion of our beloved mother nature which is left behind in the herd of development. Speaking of that, bring me to the most controversial question of this Era "Does Technological Developments are Boon or Curse" I firmly believe is curse to the Nature and also to the human race as it has adverse effects on us. The impact of this is very dangerous for Nature. Save trees, save the environment, and save whatever comes to the edge of extinction, these are our questions these days. Now days we generate large amount of toxic waste in the name of Technological up gradation, excess deforestation, and leads to a wide capacity of clearing the Greenery. Today, the transportation facilities developed causes pollution, chopping down of trees for the construction. The air we breathe the food and water we consumes no longer beneficial but is a danger.

(Prajakta Jagtap SYCO)

Our modern day today has been exposed to technology & is becoming a huge part of our daily activities. Technology has variety of scope. It focuses more on teaching and learning process using it as a supplementary teaching device in the instructions which is a priority in most schools today. When teachers use computers in the classroom, the schools evaluate whether the use of educational technology has had a significant and consistent impact on the part of the student? A technology development - boon or curse it is a bit of both at the same time in my opinion. Most of the time, it is a great boon to humanity or nature life expectancy and historic norms just two huge benefits of our current technology. The only other option is to have enough technology to get a sizable amount of the species off the planet and into other solar system.

When it comes to nature...technology as our gift, Nature doesn't care about misery. Only survival however, as a human, is something I care about. I do think technology brings with it some misery. However, I think it alleviates more misery then it brings, and in the long run, it is definitely a gift far more than a curse.

Departmental News…………..

Social Activity

Social Activity of fort cleaning was done by the first year students. All first year students and staff members went to "Shivneri Fort" for this activity.

Expert lecture on Programming in 'C'

Department of Computer Engineering organized expert lecture on "Vedic Mathematics".Mr.Mayur Lokhande was the subject expert for this program.

Industrial visit to Mapro garden

JSPM's Jayawantrao Sawant Polytechnic's Department of Computer Engineering organized industrial visit at "Mapro Garden" on 06/01/2020.

Expert lecture on "Web Page Development"

Department of Computer Engineering organized Expert lecture on "Web Page Development". This program was scheduled on 17/02/2020.Prof.S.S.Jadye coordinated this event.

<u>*State Level online Mock Test*</u>

Department of Computer Engineering Organized different kinds of state level online mock test on different subjects like "Emerging Trends in Computer Engineering", "Management", " Python Programming", " Network & Information Security", "JAVA programming", "Mobile Application Development" and "Software Engineering". During this pandemic situation we reach to the students through online tools. We got overwhelming response from students from various regions also. Faculty member Ms.V. V. Kharade, Ms. R. N. Benkar, Mr. S.S.Apune, Ms. S.M. Mahadik, Mrs. D. Y. Jangam, Mr. Shende S. S., Mr. R. V. Garphade, Mr.N.P. Nivalkar and Mr.R.S.Patil took efforts to organize this activity.

Name & Sign of HOD

(Prof.M.S.Kalbande)