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EDITOR'S MESSAGE

The purpose of this News Letter is to unlock the hidden potential within the students and faculty. The objective of IdenTity is to publish up-to-date, Qualitative and research articles alongside relevant and insightful reviews. This Letter aspires to be vibrant, engaging and accessible, and at the same time integrative and challenging.

I would like to thank teaching & non-teaching staff for your kind & continued support in the progress of department

HOD'S DESK

It gives us great honor & pride to appreciate various initiatives taken by students of IT Department, SVECW. These initiatives would provide these young engineers an exposure to technology along with our socioeconomic responsibility /awareness, about what is happening around and real life situations. And off course, soft skill development and communication skill would further hone their personalities. Best of luck to all of them and their future endeavors.

"Learning gives creativity,
Creativity leads to thinking,
Thinking provides knowledge,
Knowledge makes you great."

-Abdul Kalam

FDP'S/ W ORKSHOPS/ SEM INARS

Dr.D.V.NagaRaju has attended 3rd World Summit on Quality Assurance through Outcome Based Accreditation .Conducted by National Board of Accreditation on 18.03.2016 – 20.03.2016

Mr. S.Ravi Kumar attended QEEE IV Workshop at IIT Madras on 03.07.2015

Mr. A. Mohan ,Mr.H.C.P.Pavan Kumar has attended Cryptography,Applications and Foundations of Data Science NIT, Goa26.10.2015-30.10.2015

Dr. A. Sri Krishna has attended Master Training Course on Associate Analytics in Data Analytics at APSSDC, NASSCOM from 07.12.2015-11.12.2015

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Dr. A.Sri Krishna has attended Pedagogic & Personal Effectiveness Manipal Centre for Professional and Personal Development (MCPD) 28.12.2015-30.12.2015

Mr. G. Ratnakanth attended Entrepreneurship Development program at Andhra University from 16.12.2015-18.12.2015

Mr. S. Ravi Chandra has attended Machine Learning at VR Siddhartha from 16.11.2015-27.11.2015

Mr. M. Gowtham attended Workshop on Simulation of image, Audio & Video with Mat lab, Open CV and Documentation with Latex at Motilal Nehru National Institute of Technology from 14.12.2015-18.12.2015

JOURNALS

Mr. G. Tej Varma,Mr.A.Mohan has attended SciPy India Conference 2015 at IIT Bombay from 14.12.2015 - 16.12.2015

INTERNSHIPS

Akula Tejaswini has been selected for internship in TERADATA From Dec,2015 for span of six months.

A.Mounika,D.Lakshmi Deepthi ,R.Bhavani ,P.Radhika Lakshmi P.Hema Veni ,Y.Aiswarya are selected for internship in ModeFinserver Pvt Ltd. From 6th Jul 2015-18th Nov 2015

STUDENT ACHEIVEMENTS

■	HCL
■	VIRTUSA
■	IBM
■	INFOSYS
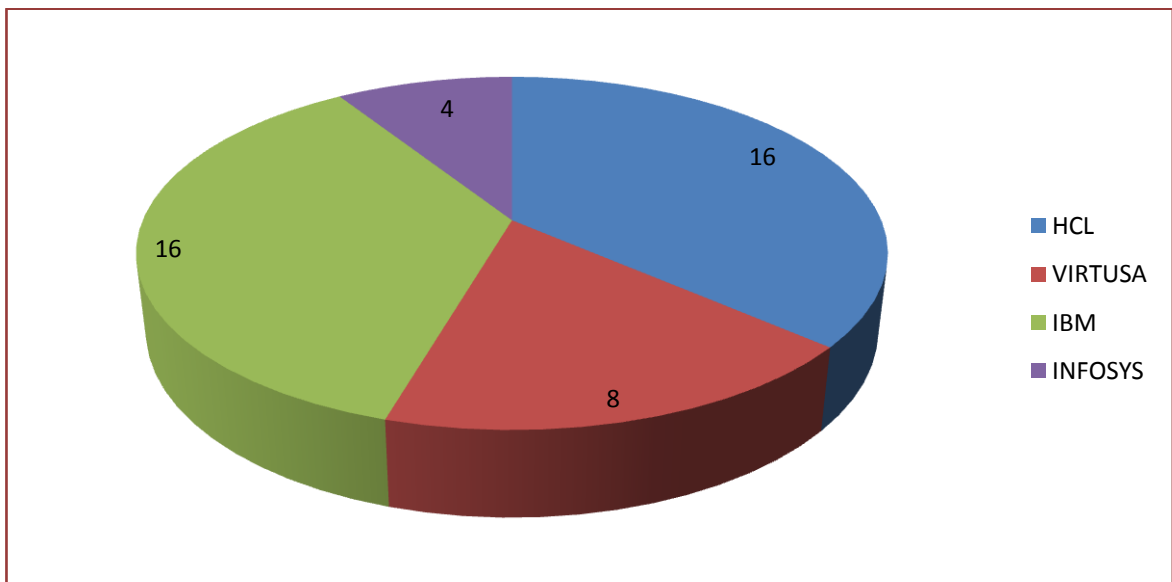
PLACEMENTS

NEXT GENERATION ROBOTICS

The popular imagination has long foreseen a world where robots take over all manner of everyday tasks. This robotic future has stubbornly refused to materialize, however, with robots still limited to factory assembly lines and other controlled tasks. Although heavily used (in the automotive industry, for instance) these robots are large and dangerous to human co-workers; they have to be separated by safety cages

Advances in robotics technology are making human-machine collaboration an everyday reality. Better and cheaper sensors make a robot more able to understand and respond to its environment. Robot bodies are becoming more adaptive and flexible, with designers taking inspiration from the extraordinary flexibility and dexterity of complex biological structures, such as the human hand. And robots are becoming more connected, benefiting from the cloud-computing revolution by being able to access instructions and information remotely, rather than having to be programmed as a fully autonomous unit.

The new age of robotics takes these machines away from the big manufacturing assembly lines, and into a wide variety of tasks. Using GPS technology, just like smartphones, robots are beginning to be used in precision agriculture for weed control and harvesting. In Japan, robots are being trialled in nursing roles: they help patients out of bed and support stroke victims in regaining control of their limbs. Smaller and more dextrous robots, such as Dexter Bot, Baxter and LBR iiwa, are designed to be easily programmable and to handle manufacturing tasks that are laborious or uncomfortable for human workers.

Indeed, robots are ideal for tasks that are too repetitive or dangerous for humans to undertake, and can work 24 hours a day at a lower cost than human workers. In reality, new-generation robotic machines are likely to collaborate with humans rather than replace them. Even considering advances in design and artificial intelligence, human involvement and oversight will remain essential.

There remains the risk that robots may displace human workers from jobs, although previous generations of automation have tended to lead to higher productivity and growth with benefits throughout the economy. Decades-old fears of networked robots running out of control may become more salient with next generation robotics linked into the web – but more likely familiarisation as people employ domestic robots to do household chores will reduce fears rather than fan them. And new research into social robots – that know how to collaborate and build working alliances with humans – means that a future where robots and humans work together, each to do what it does best – is a strong likelihood. Nevertheless, however, the next generation of robotics poses novel questions for fields from philosophy to anthropology about the human relationship to machines.

A.Teiaswini