



# CSE GLORY

WHATEVER CAN BE DONE WILL BE DONE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY  
NANDAMURU. PEDANA. 521369.

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Sri S.V.C. Gupta

HOD

**FACULTY ADVISOR:**

M.Srinivasa Rao

Associate Professor

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**FACULTY ADVISOR MESSAGE**

Dear Readers, I feel privileged in presenting the July-2017 issue of our college magazine. I would like to place on record my gratitude and heartfelt thanks to all those who have contributed to make this effort a success.

Overall development of the individual is the goal of education and we all have to leisure that there is no stone left unturned to equip the student of today for the challenges of life. This will require tremendous self-motivation on the part of all concerned but will be fulfilling for the student as well as the faculty.

New technology is bringing opportunities along with new skill set requirements and challenges Globalization is bringing competitiveness in every domain. Engineers have to fit into requirements of companies that recruit across the globe. The department of CSE under the leadership of Mr.S.V.C.Gupta. HoD is leading the way to meet challenges of future by equipping students with the skill set that is required in the industry.

I wish to congratulate the entire faculty and other staff for encouraging and guiding the students in all factors, for their well rounded development. I wish you all the best for achieving greater success and scaling newer heights in your education and career ahead.

Department of Computer Science & Engineering

## Brainwave headband makes debut at Paris LeWeb meet :-

A Canadian company is talking about having a window, aka computer screen, into your mind. Another of the many ways to put it—they believe your computer can be so into you. And vice-versa. InteraXon, a Canadian company, is focused on making a business out of mind-control technology via a headband device, and they are planning to launch this as a 199 brainwave computer controller called Muse. The company is running an Indiegogo campaign to obtain needed funds. Muse is a Bluetooth-connected headset with four electroencephalography sensors, communicating with the person's computer via the Bluetooth connection.



InteraXon's team says the headset works by turning brainwaves into binary ones and zeros. "We're like interpreters fluent in the language of the mind: our system analyzes the frequency of your brainwaves and then translates them into a control signal for the computer to understand."

Having worked on their headset since 2007, their finished design calls for two sensors on the forehead and two sensors behind the ears. Muse uses sensors to pick up the tiny electrical outputs generated by the brain's activity. As the mind shifts between concentration and relaxation, Muse's algorithms detect the changes in the brain and show those changes in real time. Those lending support for the concept indicate that the headset has more potential than becoming just a fun gadget. In the company's promotional video, a Stanford MD notes that the ability to "look at your own mind" and understand the effects of activities can be quite useful.

## **LIBRARY**

Library is the window to the world of knowledge. It is the Nutrimentum Spiritum- the Food for the Soul. Our college Library is a treasure-house of knowledge with 6000 volumes besides a special section for Reference; houses National/International Journals, GATE/GRE/TOEFL/IELTS/ CAT/MAT materials, CD ROMS, Audio/Visual Aids etc. It is expanding year after year by improving the quality and the quantity of books.

### **‘National Programme on Technology Enhanced Learning (NPTEL)’ At Your Door step**

NPTEL, funded by Ministry of Human Resource Development (MHRD), Government of India, is a joint venture by seven Indian Institutes of Technology (IITs) and Indian Institute of Science (IISc). This project is envisioned to enhance the quality of engineering education in the country by developing curriculum based video and web courses, learning materials, digitally taped classroom lectures, supplementary materials and links to state-of-the art research materials in every subject possible. These materials will be handy for all students of B.Tech, M.Tech, M.S., M.Sc., Ph.D.

Our management has provided these materials to the students of our college. Right now, anyone can access 4726 videos, 292 ebooks and 210 DOAJ Journals and 217 Science Directory Journals in various engineering disciplines. A separate digital lab is provided for this purpose to help the students utilize the opportunity of learning from this quality material.

## **VISION**

To emerge as a premier engineering institution in rural India imparting values based education for socio-economic upliftment..



## **Swimming Mask :-**

*This mask is one of the latest technology inventions in underwater photography. The "Liquid Image Digital Underwater Camera Mask" as the name implies, is an underwater mask with a built in digital camera. It records photos and videos by pressing a shutter button on the top of the mask.*

*It also features bright LED lights for illumination. The camera mask is powered by (2) 1.5 AAA batteries and images are uploaded from a USB port. Photo/video software is included. The maximum operating depth is about 30 meters.*

*it'll suggest that you sit up straighter. To help office workers avoid achy backs and tired eyes, the device's built-in camera follows the position of your pupils to determine how you are sitting. Are you too close? Is your neck tilted too much? Algorithms crunch the raw data from the sensor and tell you how to adjust your body to achieve ergonomic correctness. The monitor can also inform you that it's time to stand up and take a break, and it will automatically power down when it senses that you've left.*