



B.M.S. COLLEGE OF ENGINEERING
Autonomous Institute, Affiliated to VTU



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

SYNERGY

Newsletter: January-July 2018.

The Protocol Club of the Computer Science Department of BMSCE has conducted several events and workshops during January-July 2018. The success of these events and workshops and the positive feedback received from the students and faculty has increased the reputation of the club and also raised the bar for its future endeavors. Here is a brief overview of the events and workshops and also some other interesting articles.

Events and Workshops

Docker and Containerization

Conducted on the 16th and 17th of Jan basics by Purbid Bambrro, students were introduced to Dockers and Containers. They were also given an insight on working with Dockers by script commands using the of terminal. Pulling of some existing images like SQL and WordPress were also taught. Along with Purbid, Ayush Pant and Aditi Awasthi coordinated the workshop.



Linux from Scratch Workshop

This workshop series covered all the of the Linux OS. Students were taught to add and delete modules from the kernel, to build a bootloader and also to build a basic kernel. This was held from the 20th Jan to the 10th of March by Aditya Kamat Kaushik lyer and was coordinated by Purbid Bambroo and Rushikesh Kulkarni.

PROTOCOL DAY

On 17th March 2018 various events were conducted throughout the college premises. This day involved a healthy mix of technical and fun events.

Krack the Code

It was a debugging challenge which made use of the C language. The event started with a brief introduction to the online coding platform Hackerrank – on which both the rounds of this contest were hosted. The marking system was automated using the in-built grading system employed by Hackerrank. The 1st round lasted for 45 minutes and 20 participants qualified for the 2nd round, which was conducted in a similar fashion for a duration of half an hour.



Mock Placements

It was a one-day event which was held with the idea of giving students a mock experience of company recruitment process. The first stage was the aptitude test which was an online test conducted to test the candidates on their logical reasoning, data interpretation and verbal abilities. 20 participants were shortlisted to the second round where they had to undergo a group discussion in groups of five, involving current trending topics. 10 participants were shortlisted to third round where each participant was interviewed by the fourth year CSE students.



Tech Vita

It was conducted as an informal event in which the volunteers asked everyone both technical and non-technical questions at the C who answered them correctly. The even conducted alongside Open Mic and both managed to attract huge crowds.

Finding Davy Jones' Locker

This event was basically a treasure hunt based on encryption, puzzles and general trivia. It turned out to be a crowd question that the participant solved would give them a clue about where to find the next question. The level of difficulty of the questions was increased gradually through the stages.



Gaming Event

The participants were engaged in an incredibly realistic brand of terrorist warfare in one of the wildly popular team was a fun competitive gaming event



Articles

Why Do Indian Women Wear Jewellery?

Jewelry! It is the most exciting thing for Indian women. Indian marriages are filled with mesmerizing jewelry and clothing. But have you ever wondered why do they wear so many jewels?

Wearing toe rings is not just the significance of married women but there is science behind it. In case of toe rings worn in second toe, a particular nerve, passing through the toe connects the uterus and passes to heart, which strengthens the uterus. It will keep it healthy by regulating the blood flow to it and menstrual cycle will be regularized.

Silver is a good conductor, it also absorbs polar energies from the earth and passes it to the body, that's the reason why most of the ornaments worn in lower part of body, such as anklets, toe rings are of silver.

Wearing bangles is always fun! Normally the wrist portion is in constant activation on any human. Also the pulse beat in this portion is mostly checked for all sorts of ailments. The bangles used by women are normally in the wrist part of one's hand and its constant friction increases the blood circulation level plus the energy produced by the body is reverted back because of the ring shaped bangles, which has no ends to pass energy.

According to scientific principle, gold reacts well with the body's energy and aura. Therefore, gold is used to adorn the upper parts of the body.

Mangalsutra, the chain that every married Indian woman wears. The gold wire of the Mangalsutra destroys the distressing vibrations present in the Universe through its Energy of the Absolute Fire element and the black color of the beads is said to absorb all negative vibrations before they can reach the bride.

Wearing earrings has an acupuncture-effect on the body, according to which applying pressure to the centre of ear lobe that contains point of vision, sharpens eye sight. Ear piercing was taken as a remedy and had various health benefits such as :

- Maintains the reproductive organs and helps to keep up a healthy menstrual cycle.
- Ear lobes contain the meridian points of left brain and the right brain. When these points are pierced, it activates the respective parts.
- The ear lobes are good spots to apply pressure that relieves tinnitus.
- Prevents anxiety and nervousness.
- Helps to keep one's digestive system in order.

The 3 great shortcuts which can change your browsing experience

Keyboard shortcuts, as the name suggests, is a combination of keys that causes a specific command to be executed in a time-efficient manner. The utilization of these keys results in an efficient, accurate and faster computer operation. Even though all keyboard shortcuts make our lives easier, a few of them are almost indispensable for a smooth browsing experience.

First and foremost in this list would be the magical **CTRL+F**. How often does it happen that we waste so much of our time going through loads of data while we are looking for something in particular? That's where this shortcut comes to the rescue, just press CTRL+F and type the keyword in the search bar that pops up. The word gets highlighted and thus time saved!

Can't read small texts on the quirky websites while laying back? Use CTRL++ to zoom in and CTRL+ - to zoom out and sit back and read the contents easily!

It becomes a ragbag when we're surfing through a lot of tabs and click on links after links thus making it easy to lose the page of your interest. Simply bookmark the page using CTRL+D and store it in your currently active bookmarks folder or any location you want.

Exemplary Students

Sumukha Nadig



Being the current lead for Google Developer Student Club, Sumukha has many feathers to his cap. This exemplary student is the current President of the CodeIO club, the team lead for development of placement portal as well as the developer for Institutional elective and course registration portals. He was also the Community Service Director in the Rotaract club of BMSCE and is currently the Vice President of the club. Campus ambassador for Dell Inc. and HackerEarth, Sumukha has also interned at Pagish and is a member of Crew for TEDx BMSCE. Passionate about education tech and socio-technical projects, Sumukha aspires to become a Data Scientist in the near future.

Protocol Newsletter

This newsletter was created by Protocol team

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