Back in Business: CSI Registration Drive 2018

12th August 2018
written by Afshaan Anwarunissa (4/4 CSE)

Can't find a way to project your innovation and creativity? Want to be part a of one of India's finest community of Computer professionals?Want to be a member of an organised well knit family of young professionals?

Many have recognised CSI,MJCET as the answer to all these troubles.
Computer Society of India(CSI, MJCET) is back in action for the academic year 2018-2019 to bring to reality all the dreams of aspiring computer professionals.
The much awaited annual CSI REGISTRATION DRIVE has added many more skilled and fresh minds to the CSI family.
"*We are looking forward to welcoming the juniors into our family. We at CSI are a family working as a group of young professionals . We hope to provide all our juniors with the right guidance which will enable them to excel in whatever they do.*" said a final year CSI execom member.

Each and every CSI member is enjoying not only the amazing discounts for workshops and events all across India but is also satisfied with the free resources containing software and educational videos which is equivalent to treasure for every Computer Engineer.

"*Becoming a part of an esteemed organisation as CSI is definitely a huge benefit. This has given me an opportunity to get to know more people and learn about new technologies.I hope that becoming a member of such a student body would make me strong and confident person.*" said an elated 1st year CSE student.

Photoshop Workshop : Innovation made real

12th August 2018
written by Shabbar Hussain (4/4 CSE)

Fun Fact: UFO sightings have increased since the introduction of Photoshop.
Photoshop is software that enables us to manipulate and shape photos to our desire as "The truth is always stranger than fiction"
CSI is proud to announce that its workshop on Photoshop which was held on 18th August,2018 was a massive success with over 75 people attending and benefiting from it. Workshop taught the students from very basics till students were capable of making their own posters and blending images. The sessions were carried out by Sai Santosh, a CSE 4th year student and Mohammed Ishaq, a 3rd year CSE student.

The Workshop began with an introduction to the basic tools which then gradually progressed into mixing images, creating memes, changing color themes and blending foreign objects into the atmosphere.

A 30 minutes Photoshop contest was run at the end of the workshop to challenge the student's imagination and creativity, where the task was to create a poster for a restaurant. A quick fun-quiz round was held before the winners were announced and the students were awarded for correct answers. The student who came first was Syed Ibrahim from 1st year CSE was given a cash prize and the 2nd position was secured by Muneebuddin Adil a student from Deccan college who was also given a cash prize. Consolation prizes were awarded to students who secured 3rd, 4th and 5th position. The workshop was concluded with Rukhsar the Chief Coordinator of CSI addressing the audience.
"*I was surprised with all the tools and possibilities that were available, I can't wait to go home and try it out myself*' ~ said one of the participants.

Plan Ahead: Timeline for Fall 2019

24th August 2018
written by Afshaan Anwarunnisa (4/4 CSE)

Best Research gives best education in best university and research should be done in areas like:-
Semesters & Deadlines:
Deadlines for top universities close by Nov/-Dec of this year for Fall(Sep– Dec) of next year, July/Aug of this year for Spring(Jan – mid May) of next year and March for Summer(mid May – Aug) of that year. Keep in mind that missing a deadline is the fastest way to get the University reject you!
Understanding Universities:
Blindly following your seniors or friends into a university is definitely not the right way to choose a university! First filter universities by rejecting the universities that will definitely reject you?!You read it right, plan according to admission criteria to a university like GPA, test scores like **GRE**, **IELTS**, **TOEFL**, etc

Department of Study:It is best to read up the programs offered and educational qualification of professors of every university as certain courses offered at one university may not be offered at another. A reality check is definitely needed by a person who blindly chooses a university based on ranking without understanding if it was ranked highest for post graduation in Computer Science field which is his preferred course or for Doctorate in Psychology!
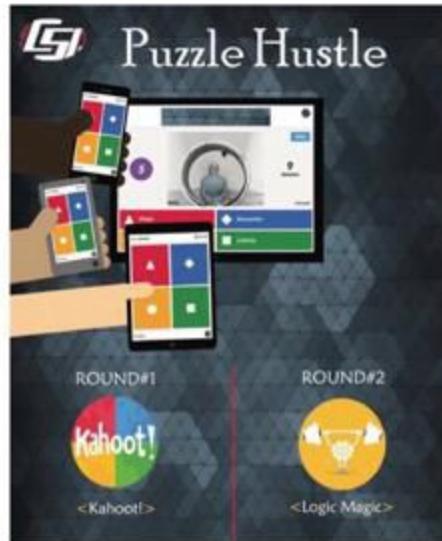
Admission Rate: Universities with a high acceptance rate generally take in students with varied academic backgrounds while those with low acceptance rates usually accept only students with the strongest profiles. So don't get fooled by high admission rates and research!
Scholarships: The only way to not get a scholarship is by not applying for one! Many scholarships are offered by Government & private organizations that can help you by just applying before deadlines.
Compatibility of the climate of the region and your health is also important as 'Health is Wealth' and who doesn't want to be wealthy?

Good things come to those who hustle! PUZZLE HUSTLE

30th August 2018
written by Shabbar Hussain (4/4 CSE)

CSI conducted its very first event "**Puzzle Hustle**" for the academic year 2018-2019. The event was a massive success with a lot of response and participation by first year students. It was a fun-quiz event to be played with a partner.

The event consisted of two rounds. Round one was a quiz conducted using kahoot.com where answering fast was as important as giving the right answer. There were two different set of questions from a wide variety of topics like GK, movies, coding etc. The teams standing among the top in first round were sent to second round that was a logical puzzle session along with multiple choice questions where answers were taken down on a paper and evaluated. At the end two teams won a cash prize. The event was a massive hit with over 40 people turning up.

"Today I discovered a unique way of conducting quizes, I never expected they could be this much fun." said an enthusiastic participant.

CSI's New Army- CSI CORE TEAM 2018

7th September 2018
written by Sarah Fatima (3/4 CSE)

There seemed to be a rush to snap up the brightest talent much before competition heated up among various student chapters during core team recruitments, going by a spike across MJCET that is set to hit. CSI recruitments had attracted 70-plus candidates applying for various portfolios such as Events, Technical, Publicity, Editorial, Operations, Human Resources, CRM, Design and Creative. Around 70 candidates were selected to form CSI's new army according to their field of excellence, skill set and preferences. "Great things in CSI are never done by one person. They're done by a team of people." People enjoy working on fun, collaborative and hard-working teams. Striving to do our best at building a quality culture for students around MJCET that evolves around praise, feedback and communication. CSI is all set with it's new army to achieve the remarkable success and provide a fun and enjoyable work atmosphere.
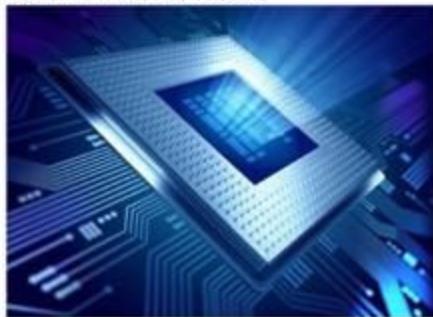
Processing the Processor: Why is it so important?

25th August 2018
written by Shabbar Hussain (4/4 CSE)

What is it you look for when you purchase your new smartphone, Laptop, PC build ? RAM ? or is it camera ? I'm sure it might be the moonlight selfie for some of you.

Have you ever tried to know what does all the work ? if you did then you might very well be aware that a processor does all the work. From a microwave, Washing machine to even that little Doraemon digital watch has a processor. Here we are going to discuss why is it necessary to know about processors over other aspects of a gadget.

Who doesn't change their gadgets more often than not in today's era. We seek for that big number when it comes to megapixles, RAM, N-toned front flash, back flash, Full HD, 2K, 4K, 8K,

super AMOLED display, notched display, curved display or the 5000mAh battery with dash charging or fastest fingerprint scanner. Why is that whenever we go looking for a new laptop, instead of buying the one with the latest(8th Gen) processors, the seller tricks us into buying a laptop that is 3 to 4 generations old and we cry when it starts lagging from the very first week.

It is high time that we stop focusing on side marketing gimmicks and see the real picture because a powerful processor with a low RAM is always better that a Potato one with high RAM and ensures a long life of the product. That's it for today, so what is your favourite processor ?

Shaping the future of technology: Breakthrough technologies

5th September 2018
written by Sarah Fatima (3/4 CSE)

We say it every year, but technology moves forward at a breakneck pace. Whether it's being applied to consumer-facing products today or research that'll take hold in the years to come. These technologies all have staying power, which is sometimes even more exciting than whatever eccentric new idea Elon Musk has. They will affect the economy and our politics, improve medicine, or influence our culture.

Reversing Paralysis
Researchers are taking a significant next step toward reversing paralysis once and for all. They are wirelessly connectingthe brain-reading technology directly to electrical stimulators on the body, creating what Courtine calls a "neural bypass" so that people's thoughts can again move their limbs.

Self-Driving Trucks
Autonomous trucks can coordinate their movements to platoon closely together over long stretches of highway, cutting down on wind drag and saving on fuel.

The 360-Degree Selfie
Inexpensive cameras that make spherical images are opening a new era in photography and changing the way people share stories. Consumer cameras that produce 360° images, providing a realistic sense of events or places. Photos and videos with this perspective could become the new standard for everything from news coverage to vacation shots.

The rise of Nanorobots

20th August 2018
written by Hasnath Hyder (4/4 CSE)

Nanobots or Microvolts are special tiny robots that are microscopic in nature, they are measured largely on the scale of nanometer. They are expected to do some specific task at the atomic level and help in bringing about many breakthrough especially in medical science. So, basically what is a bot. A bot generally means, some software that does a task automatically to stimulate or replace a human.Let us look into in through a simpler way using this beautiful example. I think everybody knows about Doaremon,[he is great scientist from future hahahah just joking].Doaremon is a cute little robot with a magical pouch attached to its stomach which is always filled with awesome gadgets. So, one among those awesome gadget is minidora's. Minidora's are cute little tiny robots which are replica's of doremon. Whenever there is a glitch in Doaremon's sytem or any machine they enter inside the machine fix the glitch and come out. The work of Nanobot is also similar to that of Minidora. Instead of fixing a technical glitch in machine they are injected into the Human Body through veins. The best thing about Nanobot is that they are not visible to the naked eye. So, they can be injected in a Human Body very easily. Surprisingly despite advancement in medical field nearly 30% of the cancer patients receive the wrong drugs. So in this scenario scientists have come up with a unique nanotechnology invention that is, Nanobots.Each Nanobot is assigned a unique barcode and specific medicine. They are injected into the patient's body, they reach the affected tissue and start there work by injecting the specific medicine given to them in the cells and start testing them one by one, turning the patient body into a small research lab.

" Nanotechnology will let us build computers that are incredibly powerful. We'll have more power in the volume of a sugar cube than that in the entire world today " ,Ralph C.Merk

Don't Let the Nature Die!

24th August 2018
written by Mohd Moiz Uddin Zeeshan (1/4 IT)

Any resource that we obtain from nature is a natural resource such as land, sunlight, water, minerals, oil and gases and so on. We haven't inherited these from our fathers but borrowed from our children. The way we use these resources is really cruel and we must have to reform if we wish our children to have a blissful life.

A renewable resource is one which is created by mother nature time and again and is believed to never exhaust like as wind, sunlight,

water and land. On the other hand we have exhaustible resources and the best thing about these is that no matter how well we know about their near end we continues to consume them at a tremendous rate.

If one takes a glance at our daily activities one could easily spot that it doesn't exist without the natural resources. It has been found that the exhaustible resources would come to the end by the end of the century, if the present rate of consumption continues. We Indians consume 500 cubic kilometers of water, 900 million tons of wood, 24 quadrillion British thermal units of energy every year. Almost all of our land is under human control. Just think how our children or their would live without these resources.

However, we still can have as much hopes as there are stars in the skies. We can follow the 3 R's i.e Reduce, Reuse and Recycle in our day to day consumption. Other than these fundamentals, we have to create awareness, promote afforestation and rain water harvesting. Strict bans are to be placed on hunting. We have to save energy. In the course, economical and administrative reforms can also contribute.

We have to bring reforms in ourselves socially, mentally and emotionally if we don't want our children to suffer the curse. Its not you or I who is going to do this but its all of us who must have to do this not for ourselves but for those from whom we have borrowed these.

Dream Directions

29th August 2018
written by Juveria Khatoon (3/4 CSE)

To ascend the mountains
With a zeal filled heart

Eyes gleaming bright
With goals in sight

Let down by failure
Fight for your ambitions

Because injured warriors
Never lay down weapons

For life is a battle field
Learn from the foe

Work hard for victory
With deterministic core

Magic and good luck
Seldom happen to a few

But fruit earned through labor
Is the sweetest of pleasures

-Art by Juveria Khatoon

QnA with Mr.404

CSI Bulletin presents an opportunity to direct your questions to **Mr.404** if answers are not found!
Mail Mr.404 your queries related to Computer Science at
Mr.4ZERO4@gmail.com
and Mr.404 will relay the solution of the queries through CSI Bulletin. You can be as anonymous as our Mr.404 .So stay tuned!!

404

Hey, I'm looking for trouble!

Mr.4-ZERO-4
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Even Harry Potter can code in Python.
What about you? :p

```
IMPORT OS
CUR_PATH = OS.GETCWD()
IGNORE_SET = SET([".__INIT__.PY",
"COUNT_SOURCELINES.PY"])
```

I DIDN'T KNOW HARRY SPOKE PYTHON.

YEAH, HE'S A PARSER-TONGUE.