

coffee & CODE;

an initiative by **Department of Computer Engineering**

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Computer Department's Vision

To be recognized globally, as a department provides quality technical education that eventually caters to helping and serving the community.

Computer Department's Mission

To develop human resources with sound knowledge in theory and practical of computer science and engineering.

To motivate the students to solve real world problems to help the society grow.

To provide a learning ambience to enhance innovations, team spirit and leadership qualities for students.



Satya Nadella
CEO, Microsoft

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“Our industry does not respect tradition - it only respects **innovation**.”

MESSAGE FROM THE ON CAMPUS DIRECTOR & THE PRINCIPAL

“ It gives me immense pleasure to present ‘Coffee & Code’, the innovative magazine of Computer Department. It is said that, “The more that you read, the more things you will know.” I applaud the initiative taken by the Head of Department, faculties and enthusiastic participation of all the students in presenting this unique concept that would serve as an encouraging platform for the readers to contemplate and contribute, for creative expressions, for technical presentations and also for academic achievements. I hope you will enjoy reading ‘Coffee & Code’. ”

- *Dr. Jitendra B. Patil, Campus Director*

“ I am very much honored and pleased that department of Computer Engineering has involved in many technical and other activities in building up the student career. Students from Computer Engineering department have brought laurels to the institute through their contributions in different activities like academic and research. I extend my hearty congratulations to the entire faculty and students of department of Computer Engineering for releasing their first newsletter with great enthusiasm and effort to achieve success. ”

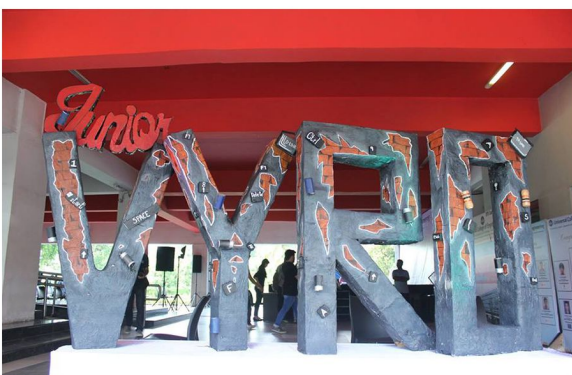
- *Dr. Ajoy Kumar, Principal*

FROM THE HOD's TABLE

“ I have dedicated my career span of 14 years in University of Mumbai, to ensure great careers for all my students. This means forging deeper industry linkages than ever before, creating a research culture from day one and ensuring seamless education using the best technology available anywhere. ”

- *Dr. Ekta M. Upadhyay, Head of Department*

UPCOMING EVENTS



Every year, Universal College of Engineering, organizes a power-packed Inter-Collegiate Technical Fest - Junior VYRO - for junior college students. The idea and motive behind organizing a grand fest of this kind is to give a chance to the young aspirants to explore the domains of engineering and grasp how knowledgeable, fun-filled and excitingly challenging a pursuit engineering is. So, mark your calendars for September 1.

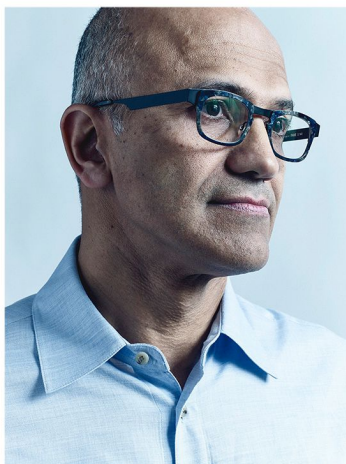
The Coffee and Code Team encourages all the students to contribute their valuable bit for another fun-filled fest in the offing. Mocha Fun!

MICROSOFT INDIA LAUNCHES FREE ONLINE COURSES ON DATA PROTECTION

Microsoft India has announced free online courses on Cloud computing. The course is divided into two-phases that “will enable students, businesses and legal professionals understand data protection, the basics of European General Data Protection Regulation (GDPR), security and best practices around Cloud”, the company said in a statement.

Phase One:

Audio-visual course named "Cloud Computing: Data Protection Regulation", covers topics concerning privacy, data protection, transferring data across transnational Cloud computing networks and data security.



Phase Two:
Titled "Cloud Computing: Data Protection Compliance," it's to be launched in September, which will provide the legal fraternity with tools and practical insights

required to meet the heightened privacy and security standards set under the GDPR, Indian IT.

Microsoft India and myLaw co-curated the course work with a run-time of 2-3 hours along with the provision of additional downloadable supplementary content and reference materials for learners.

Source : *Economic Times*

NETSPEAK

Copy, paste, pray : Subtly describes the situation in which a coder has no choice but to copy some code from the internet or someone's suggestion and hope it works.

Oh! Did you just relate to that?

BUILD A NEURAL SYNTHESIZER

Google NSynth is an open-source deep learning project for music enthusiasts. It's a machine learning algorithm that uses a deep neural network to learn the characteristics of sounds, and then create a completely new sound.

The hardware consists of Raspberry Pi and a special PCB. For this experiment, 16 original source sounds across a range of 15 pitches were recorded in a studio and then put into the NSynth algorithm, to precompute the new sounds.



NSynth Super is built using open-source libraries, including TensorFlow and openFrameworks, to enable a wider community of artists, coders and researchers, experiment with machine learning in their creative process.

Source : <https://nsynthsuper.withgoogle.com>

LUCKY NUMBER 7?

The CEO of Dropbox Drew Houston offers advice for starting and scaling a company :

1. Do not wait for optimal moment.
2. The best way to learn is to read.
3. Find mentors who are one step ahead.
4. Balance internal and external expertise.
5. Create things that are hard to copy.
6. Make your company evolve with the world.
7. Remain calm.

INTERN TESTIMONIALS

" I have completed my one month internship with Vistaar Digital Communication Pvt. Ltd., as a Trainee Development. My role included learning and implementing skills such as E-Detailing, X-Code, PhoneGap, Cobalt Engine, Google Web Development, Chrome Extension, Arduino, HTML, CSS, Java script etc. I loved the work environment and would recommend my friends to be a part of such internships. "

- **Mrudul Addipalli, BE COMPS A**

" I am currently an intern at Ram Engineering Classes. I am working on 3 websites and one project based on Artificial Intelligence in Python. The idea behind this internship is to clarify concepts used in real life problems. This internship is a self-training program.

I'd say an internship is an early exposure to the challenging industry environment. Such experiences help you hone your skills. "

- **Sushil Kalsekar, BE COMPS A**

" I have interned with M-intellect Global Company as an Android Developer. The aim of the internship was to build an android application that solves the parking problems in India. My role included to feature a parking patch which is partially dynamic and to add markers using the polyline app to calculate the estimated parking space available on that street.

It helped me to sharpen my technical as well as communication skills. "

- **Dhairya Bhatt, TE COMPS A**

Our Coffee and Code team wishes all these go-getters more power and growth!



CONGRATULATIONS TO OUR B.E. TOPPERS

Sutaria Kinnari - CGPI 8.98

Soni Kanchan - CGPI 8.75

Kawthankar Sagar - CGPI 8.65

The Computer Department of Universal College of Engineering and our Coffee and Code Team is extremely happy to present you with the first edition of our departmental newsletter-cum-magazine. For any queries, suggestions and/or contributions for the next edition, you can write to us at coffeeandcode.comps@gmail.com