



Vidya Vikas Education Trust's

Universal College of Engineering

Approved by AICTE, DTE, Maharashtra State Government and Affiliated to Mumbai University

Accredited with B+ Grade by NAAC | Recognised as Linguistic (Gujarati) Minority Institution



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DEPARTMENT VISION:

To be recognized for practicing the best teaching-learning methods to create highly competent, resourceful and self-motivated young electronics engineers for benefit of society.

DEPARTMENT MISSION:

- To nurture engineers who can serve needs of society using new and innovative techniques in electronics.
- To improve and apply knowledge of electronics subjects through participation in different technical events.
- To enhance carrier opportunities of electronic students through industry interactions and in plant training.
- To install the passion and spirit among students to pursue higher education in electronics and entrepreneurship.

Departmental Activities

Webinar on “IOT: Internet Of Things”

DATE: 14th & 15th May 2020

Two days on Webinar on “IOT: Internet of Things” for all Faculties. As an initiative IET and UCOE has arranged this webinar for faculties. Webinar is conducted on Google Meet and YouTube Live which was attended by 600+ faculties. The faculties are awarded by participation certificate.

Workshop on IOT: Internet of Things covered following topics:

- Automation & IOT
- Connectivity
- Cloud
- Analytics Tools
- AI, ML, Deep Learning
- Visualization Tools
- IOT Security Software
- User Interface
- Chat-bots
- IFTTT
- IOT Enterprise Applications
- IOT Platforms

Speakers:

1. **Mr. D. S. Sawant Assistant Professor, MPSTME, NMIMS University.**
12 years of Experience, Area of specialization Internet of Things, Embedded Control Systems, Robotics, Automation
2. **Mr. Vikrant Sankhe (CEng, Fellow IET)** Thought Leader | Technology & Business Executive | Evangelist - Digitalization, Analytics, IoT | Mentor
21 years of Industry experience in Automation, M2M / IoT, Analytics AND Digitalization
3. **Ms. Kaveri Sawant Assistant Professor, UCOE, Vasai**
Head of Department Electronics and Telecommunication Engg. Dept.
4. **Mr. Sandeep Dubey Assistant Professor, Electronics and Telecommunication Engg. Dept. UCOE, Vasai**

IIT-KGP researchers develop AI-based system to track Social Distancing

The researchers had focused on the ease of deployment of such a device in remote places and curtailing the cost by using inexpensive and easily accessible hardware material. A group of researchers at IIT-Kharagpur has developed a cyber-physical system based on [artificial intelligence](#) for monitoring social distancing in public places, an official said on Saturday

The team, under the leadership of professor Debashish Chakravarty and professor Aditya Bandopadhyay, has engineered a low-cost device which can detect the gap between individuals, a spokesperson of IIT-KGP said.

"The device will play a proximity alert sound through audio output, whenever any violation of the social distancing norms occurs. It captures images of the field view and computes the distance as per criteria set by the Ministry of Health and Family Welfare," a member of the research group said. The researchers had focused on the ease of deployment of such a device in remote places and curtailing the cost by using inexpensive and easily accessible hardware materials, he said. Students have come up with the device leveraging readily-available hardware while the lockdown was in place, the spokesperson said. The system has been successfully tested by installing three prototypes of the device within the IIT-Kharagpur campus



Source: https://www.business-standard.com/article/technology/iit-kgp-researchers-develop-ai-based-system-to-track-social-distancing-120061300400_1.html

Microsoft rolls out Chromium Edge browser for all Windows 10 users

Microsoft is rolling out its new Chromium-based Edge browser via an update to all Windows 10 users that would automatically be installed on Windows 10 version 1803 and higher.

The update would cover vast majority of Windows 10 versions that are currently supported. Installing Chromium Edge via the Windows Update will replace the old Edge browser. Since it is been gradually rolled out, it will reach people in the due course of time.



The Chromium-based Edge browser provides best-in-class compatibility with extensions and websites. According to Microsoft, this new version also provides great support for the latest rendering capabilities, modern web applications, and powerful developer tools across all supported OS platforms. When you install Microsoft Edge on an up-to-date Windows 10 device, it will replace the previous (legacy) version on your device. In some cases, you may be prompted to install additional updates.

"Your favourites, passwords, and basic settings will carry over to the new Microsoft Edge automatically. Web apps (including those built on EdgeHTML), and Microsoft Edge preview channels (such as Dev or Canary) will continue to work without interruption," said the company.

"If you're using Microsoft Edge on iOS or Android, you don't need to take any action as your device will update automatically."

The new Microsoft Edge will add a shortcut to the desktop. If the current version of Microsoft Edge already has a shortcut, it will be replaced.

Source: https://www.business-standard.com/article/technology/microsoft-rolls-out-chromium-edge-browser-for-all-windows-10-users-120060400613_1.html

Apple removes Pocket Casts podcast app from China App Store

Apple has removed popular iOS podcast app called Pocket Casts from the App Store in China for allegedly violating the law of the land.

In a tweet, Pocket Casts said that it has been removed from the Chinese App store by Apple, at the request of the Cyberspace Administration of China.

"We believe podcasting is and should remain an open medium, free of government censorship. As such we won't be censoring podcast content at their request," the company said.

It is the second major podcast app to be removed from China's App Store this month.

Pocket Casts said this means that it's unlikely that its iOS App will be available in China, "but feel it's a necessary step to take for any company that values the open distribution model that makes podcasting special".

The app was removed around two days after Apple contacted the developer, reports The Verge.

Another iPhone podcast app Castro was recently removed from China's App Store.

Apple was yet to officially comment on the development.



Source: <https://www.dailypioneer.com/2020/technology/apple-removes-pocket-casts-podcast-app-from-china-app-store.html>

Price-friendly Mi NoteBooks in India, to begin laptop price war

Xiaomi on Thursday brought Mi Notebook 14 and Mi Notebook 14 Horizon Edition to India that are set to disrupt the laptop segment owing to an aggressive pricing and solid internals. The Mi Notebook 14 has an inaugural price of Rs 41,999 for the 256GB variant while the 512GB variant is available for Rs 44,999. The 512GB variant with Nvidia GE Force MX250 graphics card will cost Rs 47,999.

The top-end Mi Notebook 14 Horizon Edition comes for Rs 54,999 for the Intel Core i5 model. The notebook also has an Intel Core i7 option that is available at Rs 59,999. Those who buy Mi Notebook 14 and Mi Notebook 14 Horizon Edition till July 16 using HDFC bank credit/debit card will get Rs 2,000 cashback, the company said in a statement. "The pricing is attractive, especially the Mi Notebook 14 (512GB) variant that is available for Rs 44,999, which is a good buy. The Mi Notebook launch will drive market leaders like Dell, HP and Lenovo to spruce up their offerings in a fragmented laptop market that is waiting for new innovations," Jaipal Singh, Associate Research Manager, Client Devices, IDC India, told IANS. "However, much depends on how Xiaomi would market these products in the country going forward, as it needs bigger retail space to showcase products like laptops than smartphones across the country for a wholesome immersive experience," he added.

The notebooks will go on sale on June 17 on Mi.com, Amazon, Mi Home and Mi Studio. The Mi Notebook 14, based on Windows 10 Home, carries a 14-inch full-HD (1,920 pixels x 1,080 pixels) display with 16:9 aspect ratio. In terms of hardware, the Mi Notebook 14 will only be available with an Intel Core i5 10210U chip, coupled with 8GB of DDR4 RAM, up to 512GB of SATA 3 SSD storage, and an Nvidia GeForce MX250 GPU on the top-end variant. The other two variants will offer Intel UHD Graphics 620.

The Mi Notebook 14 Horizon Edition runs Windows 10 Home Edition and features a 14-inch full-HD (1,920x1,080 pixels) anti-glare IPS display with screen-to-body ratio of 91 percent, 60Hz refresh rate, and 178-degree viewing angles.

Source: <https://www.dailypioneer.com/2020/technology/price-friendly-mi-notebooks-in-india-to-begin-laptop-price-war.html>

Find Covid-19 testing centres on Google Search, Assistant and Maps

Google on Friday launched a feature on Google Search, Assistant, and Maps to help users find information related to Covid-19 testing centers near them in India. The technology giant is working with the Indian Council of Medical Research (ICMR) and the government's crowdsourcing platform MyGov to provide users with information on authorised testing labs. The new feature is available in English and eight other languages in India -- Hindi, Bengali, Telugu, Tamil, Malayalam, Kannada, Marathi, and Gujarati.

Finding reliable information regarding testing centres has been a big issue pointed out by people who want to get tested for Covid-19. While making a coronavirus-related search (eg. “coronavirus testing”) on Search and Google Assistant, users will now see a ‘Testing’ tab on the search results page providing a list of nearby testing labs along with key information and guidance needed before using their services. On Google Maps, when users search for keywords like “covid testing” or “coronavirus testing”, they will see a list of nearby testing labs, with a link to Google Search for the government-mandated requirements.

At present, Google has integrated over 700 testing labs on Search, Assistant, and Maps in 300 cities. Google is working with authorities to identify and add more testing labs located across the country, and reiterates that it is important to follow the recommended guidelines that help determine testing eligibility before visiting. These include calling the national or state helplines before heading out to get tested, carrying a doctor’s prescription (referral required), testing restrictions (tests are limited to certain patients), information about whether the lab is government- or private-run. Users can also tap the ‘Learn more’ link to find authoritative information from the Ministry of Health and Family Welfare (MoHFW), Government of India.



Source https://www.business-standard.com/article/technology/find-covid-19-testing-centres-on-google-search-assistant-and-maps-120061200442_1.html






Novel Coronavirus

ADVISORY TO PASSENGERS TRAVELLING FROM CHINA



Help us to
help you

Reduce your risk of Coronavirus infection:

-  Frequently clean hands with soap and water or alcohol-based hand rub
-  When coughing and sneezing cover mouth and nose with flexed elbow or tissue-through tissue away immediately and wash hands
-  Avoid close contact with anyone with that has fever and cough
-  Thoroughly cook meat and eggs
-  Avoid unprotected contact with live wild or farm animals

**(+91-11-23978046) - 24*7 Union Health Ministry
Call Centre/Helpline for any technical query on #nCoV**



Source: <https://www.google.co.in/imghp?hl=en&tab=wi&ogbl>



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