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AIML INSHORTS

Department of Artificial Intelligence and Machine Learning

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**"Our lives begin to end
the day we become
silent about things
that matter"**

-King Martin Luther



DEPARTMENT VISION AND MISSION

VISION

To be a department focused on quality education and research in Artificial Intelligence & Machine Learning that prepares early professionals contributing to serve the society.



MISSION

To provide an academic environment for the development of professionals in the field of Artificial Intelligence and Machine Learning.

To cultivate research culture resulting in knowledge and development of the society.

To enhance academic collaborations for better exposure.



AI REALM

ARTIFICIAL INTELLIGENCE IN INDIA

AI is a branch of computer science that replicates the human mind's problem-solving and decision-making capabilities. "AI applications is a promising area for India. The Prime Minister should urge the industry to build these applications for healthcare, education and banking (first priority) and target our rural population," Prof Arogyaswami Paulraj, an Emeritus Professor at the prestigious Stanford University told PTI in a recent interview.

After 25 years of service with the Government of India, Prof Paulraj joined Stanford University in 1993 and retired from service in 2013. His most well-known contribution was the invention and advancement of Multiple Input Multiple Output (MIMO) wireless technology that revolutionised mobile and Wi-Fi wireless networks, greatly enhancing network economics and user experience.

"AI applications are now easy to do (make). I think we need to push on it strongly. It can be done through the private sector. The government is very, very slow to move. The government cannot do these things," the 2010 Padma Bhushan awardee said, adding that Prime Minister Modi with his stature and personality could rope in the private sector in this endeavour.

The prime minister, he noted, should host a meeting of the private sector and companies to find ways in which they can bring AI in various sectors. Responding to a question, Paulraj said a lot of AI is already being used in social media. Education, health, finance and banking are three areas where AI can play a significant role in the development and progress of India, he said.

Development of AI in all the three sectors, he argued, would help the poorest of the poor and the common man. "We can bring AI technologies by which we can improve education at the primary and secondary level, in rural and semi-rural areas and small towns," he said. Same is the case with development of AI tools in the healthcare sector."





MAN VS MACHINE

AIML IN HEALTHCARE

Adoption of AI-powered contact centre solutions by a hospital or healthcare centre results positively for patients, doctors, nursing staff, clerical or front office staff, and eventually the whole ecosystem. While the patients do not need to wait in queues for long hours, staffers do not have to cope with the influx of an unmanageable number of patients for different purposes like admission, appointments, insurance clearance, or even clinical assessment.

Through unified agent desktops, healthcare providers can put their patients first. As the Agent Desktops are integrated with EMR/EHR, including EPIC, Cerner, Aetna, etc, contact centre agents get instant access to all information of a patient like an appointment status, the reason for the call, and doctor's availability. They can transfer a call with complete information easily within multiple departments, take actions like managing appointments, raising service requests, and more right from their desktop.

By using AI-integrated contact centre solutions, the patients can complete all paperwork and formalities from the comfort of their homes. Besides, patients' appointments can be booked with ease in a convenient time slot for consultation with a preferred doctor. This would eventually help hospitals in streamlining any increased inflow of patients. AI-enabled solutions also help doctors and patients connect easily via video calls to take stock of symptoms and prescribe medicines accordingly.

Much headway has already been made from teleconsultations to video consultations. The services are on a 24x7 basis, with bots powered by AI & ML to play a significant role. While they manage all queries, they also connect patients with the required department on a need per basis.





FACTS AND GAMES

Element Countries Crossword

Across

3 Phosphorus, Hydrogen, Iodine, Lithium, Phosphorus, Phosphorus, Indium, Einsteinium

4 Iodine, Cerium, Lanthanum, Neodymium

8 Argon, Germanium, Nitrogen, Titanium, Sodium

9 Fluorine, Radon, Nitrogen, Cerium

11 Silicon, Nitrogen, Gallium, Polonium, Rhenium

15 Barium, Hydrogen, Radon, Indium

16 Barium, Hydrogen, Americium, Arsenic

17 Neon, Thorium, Erbium, Lanthanum, Neodymium, Sulfur

18 Neon, Phosphorus, Aluminum

19 Polonium, Lanthanum, Neodymium

20 Holmium, Neodymium, Uranium, Radon, Sulfur

Down

1 Uranium, Nickel, Tellurium, Darmstadtium, Tantalum, Tellurium, Sulfur, Oxygen, Fluorine, Americium, Erbium, Iodine, Calcium

2 Sulfur, Protactinium, Indium

5 Molybdenum, Sodium, Cobalt

6 Uranium, Potassium, Radon, Iodine, Neon

7 Carbon, Americium, Erbium, Oxygen, Oxygen, Nitrogen

10 Carbon, Hydrogen, Iodine, Sodium

12 Protactinium, Potassium, Iodine, Sulfur, Tantalum, Nitrogen

13 Iodine, Rhenium, Lanthanum, Neodymium

14 Fluorine, Indium, Lanthanum, Neodymium

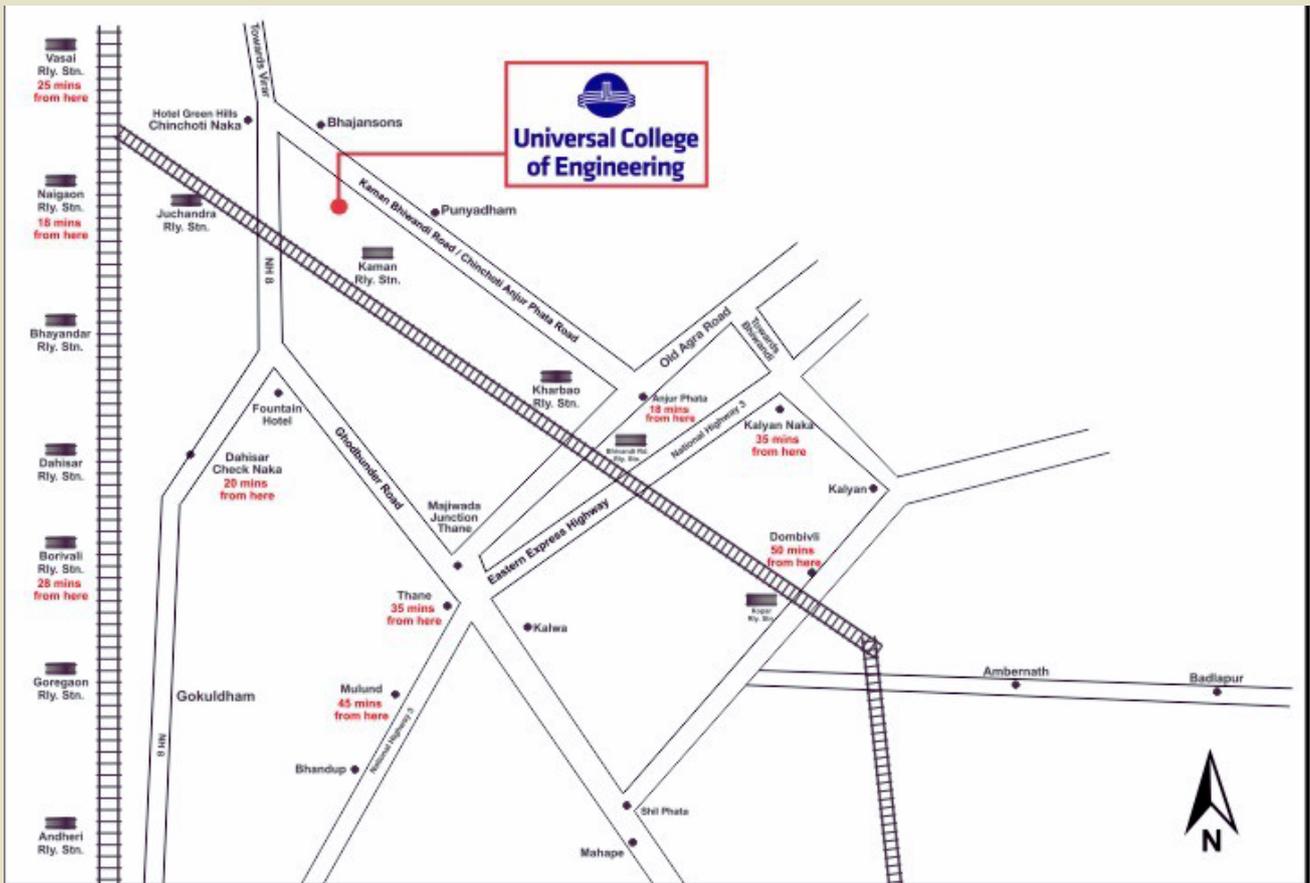
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DID YOU KNOW?

1. A single sneeze travels 100 miles per hour and shoots 100,000 germs into the air.
2. You're born with just 1 pint of blood, but by the time you're an adult you have 4 to 5 quarts.



REACH US



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