VTU to introduce AI in all streams

Developments in tech-industry and scope for pushing boundaries, reasons for the introduction: Vice-Chancellor

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After Visvesvaraya Technological University's (VTU) introduction of Artificial Intelligence (AI) and Machine Learning (ML) as a subject in their Bachelor's of Engineering (BE) course, the varsity will now be introducing the AI course across the streams, including Mechanical Engineering and Civil Engineering.

The varsity officials said that since the course is applicable to all the streams, considering recent developments in the tech-industry, they want every student to have an insight in the subject.

Speaking about it, Professor Karisidappa, Vice-Chancellor of VTU told BM, "AI has great scope and has already pushed boundaries in many fields. Even medicine is now leaning on AI. There are several innovations which can be done using AI technology. Considering that this is the future, we have decided to introduce AI as a subject to all engineering students, across our affiliated universities."

"It can even be a optional papers for students who are interested to take up the AI course. Recently, we introduced a degree program in AI and Machine Learning and there's also a optional paper for Computer Science students, now we can spread the horizon and give students the support that they need in this field," he added.

The teachers are already being trained and are given adequate support to teach this course. The varsity can easily adopt this change.

As of now, several colleges have modules in Machine Vision, Robot Programming and Artificial Intelligence in the third semester of the Instrumentation Engineering course. But, offering it as degree course in itself is a first in VTU. However, in institutions like Indian Institute of Technology (IITs), these courses exist.

A senior official from VTU said, "AI is the need of the hour. There was a request from several engineering colleges to offer this course. Students have also been demanding this course since most industries are looking for graduates who have some knowledge about AI. Job seekers with AI degrees are well paid and are also in demand. "

In the upcoming counselling sessions which will be conducted by the Karnataka Examinations Authority (KEA), students will have an option to choose AI and ML in the Bachelor of Engineering course from a few colleges that are offering them.

Will study why more vacant seats in Mechanical engineering this year: V-C

After Bangalore Mirror reported that over 8,500-9000 seats in Mechanical Engineering course went vacant this year in Karnataka- Common Entrance Test (K-CET) counseling, the largest engineering University in the State, VTU is in a shock. Karisidappa said, "There was always a demand for Mechanical engineering course and we are also surprised how so many seats went vacant. We know that over the years seats were increased for Mechanical Engineering course for many colleges and there are private universities coming up every year. But there needs to be a comprehensive study on why this is happening." "The numbers are alarming this time. We are going to form a committee with experts and retired professors in the field and we are going to conduct a study from VTU to find out why Mechanical Engineering courses seats are fling vacant. Not just that, we will have several discussions in forums to find out what is the reason and find solutions for that," he added.

MHRD minister introduces AI for learning

In a recent announcement the Minister for Ministry of Human Resource Development (MHRD) said that the department has introduced NEAT (National Educational Alliance for Technology) under a new PPP Scheme, to start using technology for better learning outcomes in higher education. He said, "The aim is to inculcate Artificial Intelligence (AI) in making learning more personalized and customized as per requirements."

VTU will teach AI, machine learning

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From this academic year (2019-20), aspiring engineering candidates in Karnataka will have the opportunity to study the most in-demand courses - Artificial Intelligence (AI) and Machine Learning (ML).

The Visvesvaraya Technological University (VTU) in its recent Executive Council meeting on May 30 resolved to

BM's report on June 24

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