



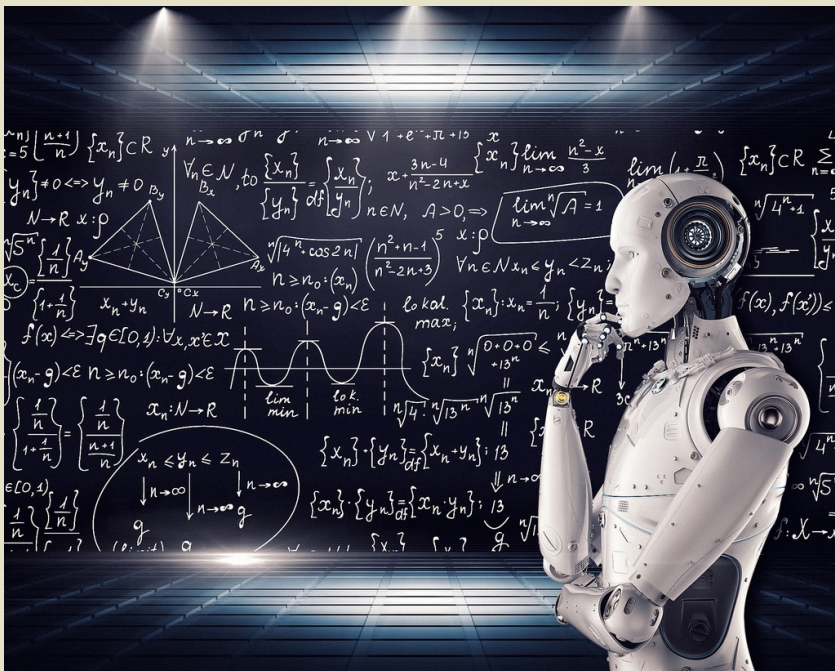
June 2022 | Volume 1 | Edition 10

# AIML INSHORTS

Department of Artificial Intelligence and Machine Learning

## CONTENTS

2. Department Vision and Mission
3. 5 Top Careers in Artificial Intelligence
4. Reach Us



**“Machine learning and deep learning will create a new set of hot jobs in the next 5 years.” -Dave Waters**



## 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.

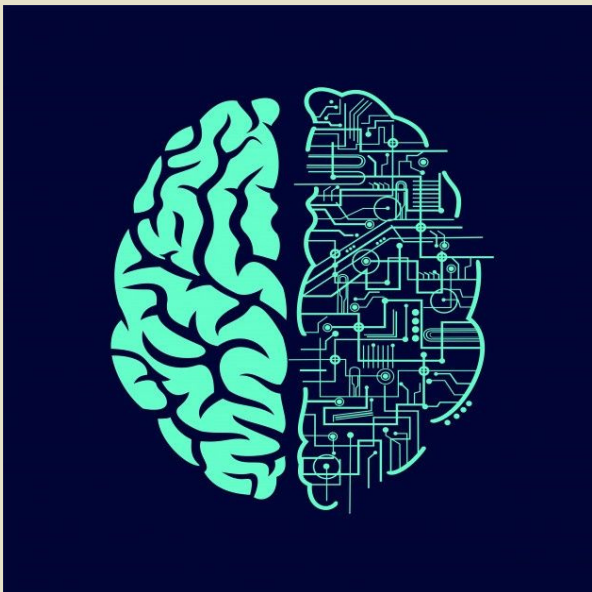


### MISSION

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.





## 5 TOP CAREERS IN ARTIFICIAL INTELLIGENCE

### 1. Artificial Intelligence Research

A computer science and artificial intelligence researcher's responsibilities will vary greatly depending on their specialization or their particular role in the research field. Some may be in charge of advancing the data systems related to AI. Others might oversee the development of new software that can uncover new potential in the field. Others still may be responsible for overseeing the ethics and accountability that come with the creation of such tools. No matter their specialization, however, individuals in these roles will work to uncover the possibilities of these technologies and then help implement changes in existing tools to reach that potential.

### 2. Software Engineering

Software engineers are part of the overall design and development process of digital programs or systems. In the scope of AI, individuals in these roles are responsible for developing the technical functionality of the products which utilize machine learning to carry out a variety of tasks.

### 3. Natural Language Processing

As there are many applications of natural language processing, the responsibilities of the experts in this field will vary. However, in general, individuals in these roles will use their complex understanding of both language and technology to develop systems through which computers can successfully communicate with humans.

### 4. User Experience

In general, user experience specialists are in charge of understanding how humans use equipment, and thus how computer scientists can apply that understanding to the production of more advanced software. In terms of AI, a UX specialist's responsibilities may include understanding how humans are interacting with these tools in order to develop functionality that better fits those humans' needs down the line.

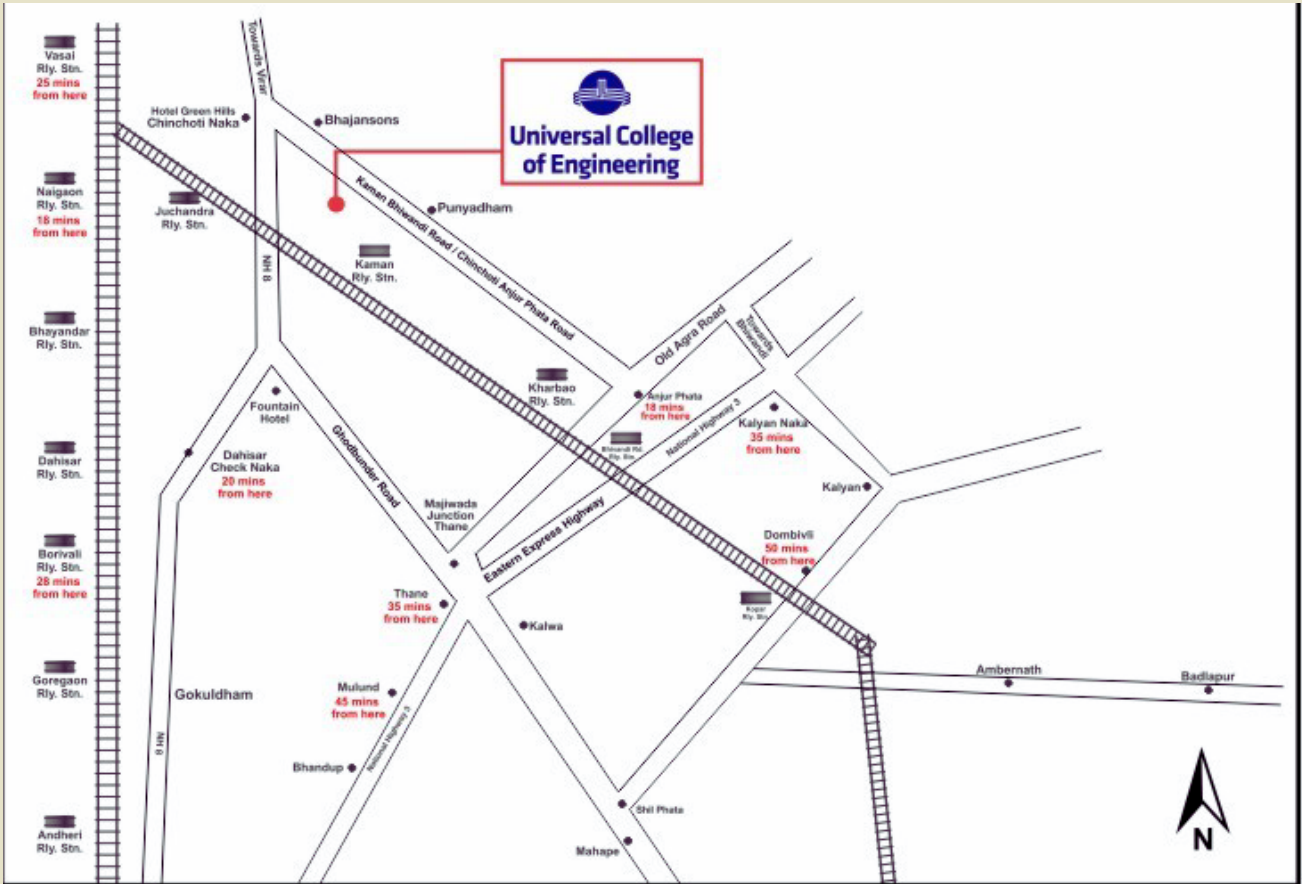
### 5. Data Analytics

Data analysts need to have a solid understanding of the data itself—including the practices of managing, analyzing, and storing it—as well as the skills needed to effectively communicate findings through visualization. "It's one thing to just have the data, but to be able to actually report on it to other people is vital," Edmunds says.





# REACH US



[ucoe.edu.in](http://ucoe.edu.in)



Near Bhajansons & Punyadham, Kaman Bhiwandi Road, Vasai, Dist. Palghar - 401 205



+ 91 8407979167 / 8007090722 / 8007478659



[info.ucoe@universalcollege.edu.in](mailto:info.ucoe@universalcollege.edu.in)



UCoEKaman



[ucoe\\_mumbai](https://www.instagram.com/ucoe_mumbai)

