

**KAKARAPARTI BHAVANARAYANA COLLEGE
(AUTONOMOUS)**

(Sponsored by S.K.P.V.V. Hindu High Schools' Committee)
Kothapeta, Vijayawada -1

ISO: 9001-2008

NAAC "A" Grade

DEPARTMENT OF COMPUTER SCIENCE



CAREER ORIENTATION /

CAREER GUIDANCE PROGRAM

ACADEMIC YEAR: 2020-2021

Career Orientation Programme On

Artificial Intelligence

By

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A Career Orientation Programme was conducted to III BCA-1, III BCA-2, III DS(DATA SCIENCE) students on 14th August 2020. The Resource Person is M. KALADEVI, Dept. of Computer Science. She addressed the students on “Artificial Intelligence”. Artificial Intelligence is considered one of the top preferred courses amongst Undergraduates as well as graduate students who want to pursue higher-level studies such as Masters and even PhDs to begin their career in this field.

Artificial Intelligence also known as machine intelligence, refers to the imitation of human intelligence in machines that are programmed to think like humans and mimic their actions. Artificial Intelligence has evolved to provide many benefits in every industry including health care, retail, building, and many more. Besides this, from the career point of view, Artificial Intelligence is amongst the important elective course or full-time programs for undergraduate students.

Furthermore, one must build a base in these areas such as computer science, learning coding languages, physics, engineering and robotics, and other engineering subjects. The AI course is beneficial for both engineering as well as non-engineering background students as a side interest.

Career Opportunities available in Artificial Intelligence

Artificial Intelligence technology can be applied in many different sectors and in various industries namely healthcare industries, building and construction industries, automobile, financial industries, trading industries, corporate sectors, airline industries, shipping industries, and various other industries. This is further supported with the help of examples. For instance, in the corporate sector, AI is extensively used in the Human Resources field, especially in recruitment. This new technology is designed to streamline some parts of the recruiting workflow, especially repetitive, high volume tasks such as resume screening and pre-qualifying candidates. Hence for Management students, those who want to pursue a career in Human Resources, opting for AI courses in their post-graduation will be an added advantage.

The other example would include the construction industry. The construction industries are on the verge of digitalization, which is disrupting digital processes and holds many opportunities in store.

AI is expected to increase efficiency throughout the entire value chain from the production of building materials to the design, planning, and construction phase.

Here are some popular job roles in the field of Artificial Intelligence. Some of them are explained in brief.

1. **Robotics scientists:** Robotic Scientist is someone who has a formal education in computer science or engineering field and who builds mechanical devices to perform a similar task which the humans perform.
2. **Data Scientists:** A data scientist is someone who collects, analyze, and interpret data from various resources in order to understand how business perform and builds AI tools. To be a data scientist one should have required qualification in computer science and mathematics. Moreover, one should be expertise in various coding languages such as Perl, SQL, Python, excreta, and using big data platforms and tools.
3. **Research Scientists:** The Research Scientist is responsible for undertaking and analyzing data from specialized laboratories. For this, one should have a strong knowledge of Artificial Intelligence specified tools.
4. **Machine Learning Engineer:** For this field, one should have a strong knowledge of software skills, computer language, and mathematical skills.

Where one can learn the AI course

Nowadays, in a digitalized era, one has full access to learning the AI course in the form of web-based study, the online course paid courses in various websites where online tutors are available from any part of the world whether India or abroad. Besides this, books are also available on various online platforms such as Amazon, Flipkart, and other bookselling websites.

Also, AI books can be purchased through markets. Those who want to have an advanced career in the said field can opt for a master's in computer science or master's in mathematics, masters in robotics engineering, and so on. Besides this, one can even opt for a Ph.D. course for those who want to make a career in Artificial Intelligence research or wants to be Data Scientists.

Conclusion

As such I want to conclude that Artificial Intelligence will soon eliminate human jobs and will take the front seat. However, it is not completely true with all the advancement in the other sectors of the economy, it will likely create new types of jobs as well. Hence, we need to identify high caliber undergraduates starting from colleges by conducting career guidance sessions and advanced training programs in the field of Artificial Intelligence.

Careers are evolving every day, and students have the liberty to choose a career that complements their passion. In the era of numerous possibilities, it is important to find the right career match, and Mindler is here to help you with our services of providing career counseling online.

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