CBSE | DEPARTMENT OF SKILL EDUCATION

CURRICULUM FOR SESSION 2023-2024

ARTIFICIAL INTELLIGENCE (SUB. CODE 843)

CLASS XI & XII

COURSE OVERVIEW:

AI is a discipline in computer science that focuses on developing intelligent machines, machines that can learn and then teach themselves. These machines, then, can process vast amounts of data than humans can, and several times faster. However, AI can go across all disciplines to change the world for the better– from creating new healthcare solutions, to designing hospitals of the future, improving farming and our food supply, helping refugees acclimatize to the new environments, improving educational resources and access, and even cleaning our oceans, air, and water supply. The potential for humans to improve the world through AI is endless, as long as we know how to use it.

OBJECTIVES OF THE COURSE:

In this course, the students will develop knowledge, skills and values to understand AI and its implications for our society and the world and to use AI to solve authentic problems, now and in the future. The students will engage with a host of multi-media online resources, as well as hands-on activities and sequence of learning experiences.

The following are the main objections of the course:

1. Develop informed citizens with an understanding of AI and the skills to think critically and knowledgeably about the implications of AI for society and the world
2. Develop engaged citizens with a rigorous understanding of how AI can be harnessed to improve life and the world we live in
3. Stimulate interest and prepare students for further study to take up careers as AI scientists and developers to solve complex real world problems

SCHEME OF UNITS

This course is a planned sequence of instructions consisting of units meant for developing employability and vocational competencies of students opting for skill subject along with other education subjects. The unit-wise distribution of hours and marks for class XI & XII is as follows: