SavitribaiPhule Pune University
Third Year of Artificial Intelligence and Data Science (2019 Course)
317528(E): Audit Course5
AC5-E: MOOC- Learn New Skills

Course Objectives:
- To promote interactive user forums to support community interactions among students, professors, and experts
- To promote students to learn additional skills anytime and anywhere
- To enhance teaching and learning on campus and online
- To motivate students for self-learning useful for advancing their career

Course Outcomes:

CO1: On completion of the course, learner will acquire additional knowledge and skill.

Course Contents

MOOCs (Massive Open Online Courses) provide affordable and flexible way to learn new skills, pursue lifelong interests and deliver quality educational experiences at scale. It helps you to learnfor yourself, to advance your career or leverage online courses to educate your workforce. Platforms such as SWAYAM, NPTEL, edx or similar ones can help for self-learning.

World's largest SWAYAM MOOCs is a new paradigm of education for anyone, anywhere, anytime, as per your convenience. It aims to provide digital education free of cost and facilitate hosting of all the interactive courses prepared by more than 1000 specially chosen the best faculty and teachers in the country. SWAYAM MOOCs enhance active learning for improving lifelong learning skills by providing easy access to global resources.

SWAYAM is a programme initiated by Government of India and designed to achieve the three cardinal principles of Education Policy viz., access, equity and quality. The objective of this effort is to take the best teaching learning resources to all, including the most disadvantaged. SWAYAM seeks to bridge the digital divide for students who have remained untouched so far by the digital revolution and have not been able to join the mainstream of the knowledge economy.

This is done through an indigenous developed IT platform that facilitates hosting of all the courses, taught in classrooms from 9[th]class till post-graduation to be accessed by anyone, anywhere, at any time. All the courses are interactive, prepared by the best teachers in the country and are available, free of cost to the residents in India. More than 1,000 specially chosen faculty and teachers from across the Country have participated in preparing these courses.

The courses hosted on SWAYAM is generally in 4 quadrants – (1) video lecture, (2) specially prepared reading material that can be downloaded/printed (3) self-assessment tests through tests and quizzes and (4) an online discussion forum for clearing the doubts. Steps have been taken to enrich the learning experience by using audio-video and multi-media and state of the art pedagogy / technology. In order to ensure best quality content are produced and delivered, seven National Coordinators have been appointed: They are NPTEL for engineering and UGC for post-graduation education.

Guidelines:

Instructors are requested to promote students to opt for courses (not opted earlier) with proper mentoring. The departments will take care of providing necessary infrastructure and facilities for the learners.

Learning Resources

References:
1. https://swayam.gov.in/
2. https://onlinecourses.nptel.ac.in/
3. https://www.edx.org

@The CO-PO mapping table
*Mapping will vary according to the course selected.

PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1												