

As Per NEP 2020

University of Mumbai



Title of the program

- A- U.G. Certificate in Artificial Intelligence and Machine Learning
- B- U.G. Diploma in Artificial Intelligence and Machine Learning
- C- B.Sc. (Artificial Intelligence and Machine Learning)
- D- B.Sc.(Hons.) (Artificial Intelligence and Machine Learning)

(Garware Institute of Career Education and Development)

Syllabus for

Semester- Semester I and II

Ref: GR dated 20th April,2023 for Credit Structure of UG

(with effect from the academic year 2023-24 Progressively)

UNIVERSITY OF MUMBAI



(AS PER NEP 2020)

Sr. No.	Heading	Particulars	
1	Title of program O: _____ A	A	U.G. Certificate in Artificial Intelligence and Machine Learning
	O: _____ B	B	U.G. Diploma in Artificial Intelligence and Machine Learning
	O: _____ C	C	B.Sc. (Artificial Intelligence and Machine Learning)
	O: _____ D	D	B.Sc.(Hons.) (Artificial Intelligence and Machine Learning)
2	Eligibility O: _____ A	A	HSC in any stream or equivalence. 3 years' government diploma holders can take admission directly in 2nd year. Admissions on the basis of Written Test & Interview. 50% passing marks in the Entrance assessment.
	O: _____ B	B	1. Lateral Entry to be granted to the candidate who has successfully completed U.G. Certificate in Artificial Intelligence and Machine Learning. 2. Lateral Entry to be granted to the candidate who's Under Graduate Certificate credits are 60% equivalent to U.G. Diploma in Artificial Intelligence and Machine Learning & he/she earns minimum 8 Credits from U.G. Certificate in Artificial Intelligence and Machine Learning. 3. As per NEP criteria on the basis of RPL- Recognition of Prior Learning, Candidate to be admitted to 2 nd Year subject to He/she securing minimum 50% in the 1 st Year assessment of U.G. Certificate in Artificial Intelligence and Machine Learning.
	O: _____ C	C	1. Lateral Entry to be granted to the candidate who has successfully completed

			<p>U.G. Diploma in Artificial Intelligence and Machine Learning.</p> <p>2. Lateral Entry to be granted to the candidate who's Under Graduate Diploma credits are 60% equivalent to B.Sc. Artificial Intelligence and Machine Learning & he/she earns minimum 8 Credits from U.G. Diploma in Artificial Intelligence and Machine Learning.</p> <p>3. As per NEP criteria on the basis of RPL- Recognition of Prior Learning, Candidate to be admitted to 3rd Year subject to He/she securing minimum 50% in the 2nd Year assessment of U.G. Diploma in Artificial Intelligence and Machine Learning.</p>
	O: _____ D	D	1. Lateral Entry to be granted to the candidate who has successfully completed B.Sc. Artificial Intelligence and Machine Learning with distinction.
3	Duration of Program R: _____	A	1 Year
		B	2 Years
		C	3 Years
		D	4 Years
4	R: _____ Intake Capacity	60	

5	R: _____ Scheme of Examination	NEP 50% Internal – Continuous Evaluation 50% External- Semester End Examination Individual Passing in Internal and External Examination	
6	Standards of Passing R: _____	50% in each component	
7	Credit Structure R: _____	Attached herewith	
8	Semesters	A	Sem I & II
		B	Sem I, II, III, & IV
		C	Sem I, II, III, IV, V, & VI
		D	Sem I, II, III, IV, V, VI, VII & VIII
9	Program Academic Level	A	4.5
		B	5.0
		C	5.5
		D	6.0
10	Pattern	Semester	
11	Status	New	
12	To be implemented from Academic Year Progressively	From Academic Year 2023-24	

Dr. Keyurkumar M. Nayak,
Director,
UM-GICED

Prof. (Dr.) Shivram S. Garje
Dean, Faculty of Science