

**As Per NEP 2020**

# **University of Mumbai**



**Title of the program**

- A- U.G. Certificate in Aeronautics
- B- U.G. Diploma in Aeronautics
- C- B.Sc. (Aeronautics)
- D- B.Sc.(Hons.) (Aeronautics)

**(Garware Institute of Career Education and Development)**

**Syllabus for  
Semester- Semester I and II**

**Ref: GR dated 20<sup>th</sup> 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 Aeronautics
	O:_____ B	B	U.G. Diploma in Aeronautics
	O:_____ C	C	B.Sc. (Aeronautics)
	O:_____ D	D	B.Sc. (Hons.) (Aeronautics)
2	Eligibility O:_____ A	A	HSC (Science) OR Equivalent with (PCME)
	O:_____ B	B	1. Lateral Entry to be granted to the candidate who has successfully completed U.G. Certificate in Aeronautics. 2. Lateral Entry to be granted to the candidate who's Under Graduate Certificate credits are 60% equivalent to U.G. Diploma in Aeronautics & he/she earns minimum 8 Credits from U.G. Certificate in Aeronautics. 3. As per NEP criteria on the basis of RPL- Recognition of Prior Learning, Candidate to be admitted to 2 <sup>nd</sup> Year subject to He/she securing minimum 50% in the 1 <sup>st</sup> Year assessment of U.G. Certificate in Aeronautics and HSC (Science) OR Equivalent with (PCME)
	O:_____ C	C	1. Lateral Entry to be granted to the candidate who has successfully completed U.G. Diploma in Aeronautics. 2. Lateral Entry to be granted to the candidate who's Under Graduate Diploma credits are 60% equivalent to B.Sc. Aeronautics & he/she earns minimum 8 Credits from U.G. Diploma in Aeronautics.

			3. As per NEP criteria on the basis of RPL- Recognition of Prior Learning, Candidate to be admitted to 3 <sup>rd</sup> Year subject to He/she securing minimum 50% in the 2 <sup>nd</sup> Year assessment of U.G. Diploma in Aeronautics. And HSC (Science) OR Equivalent with (PCME)
	O: _____ D	D	1. Lateral Entry to be granted to the candidate who has successfully completed B.Sc. Aeronautics with distinction.
3	Duration of Program R: _____	A	1 Year
		B	2 Years
		C	3 Years
		D	4 Years
4	R: _____ Intake Capacity	30	
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