



Institute of Distance and Open Learning (IDOL)
University of Mumbai.

M.Sc.(I.T.)

AY 2019 – 2020

INSTITUTE OF DISTANCE AND OPEN LEARNING
UNIVERSITY OF MUMBAI

M.Sc.(I.T.) – SYLLABUS

	Part-1	Part-II
Paper – I	<u>Section 1</u> - Computer Simulation and Modeling <u>Section 2</u> - Programming with Components	<u>Section 1</u> - Software Testing <u>Section 2</u> - Information Security
Paper – II	<u>Section 1</u> - Mobile Computing <u>Section 2</u> - Advanced Computer Networks	<u>Section 1</u> - Artificial Intelligence <u>Section 2</u> - Robotics
Paper – III	<u>Section 1</u> - Image Processing <u>Section 2</u> - Speech Recognition	<u>Elective – I</u> <u>Section 1</u> – Intelligent Systems, <u>Section 2</u> – Neural Networks and Fuzzy systems
Paper – IV	<u>Section 1</u> - Data Warehousing and Mining <u>Section 2</u> - Advanced Database Systems	<u>Elective II</u> <u>Section 1</u> – Multimedia systems and convergence of technologies <u>Section 2</u> – Java Technology
		Project (100 Marks)

Standard of Passing

Yearly Pattern

The 80%:20% pattern has been introduced for MSc(IT) from the Academic Year 2019-2020.

(As per the Circular no.: UG/ICD/2015-2016/137)

80% of total marks for external and 20% of total marks for internal

Applicable for both Theory and Practical

Theory (External)	Theory (Internal)	Practical (External)	Practical (Internal)	
60	15	40	10	Paper I
60	15	40	10	Paper II
60	15	40	10	Paper III
60	15	40	10	Paper IV

- Theory Passing Marks : 30 out of 75; Practical Passing Marks: 20 out of 50
- If any student remains absent for Internal Theory Exam, he/she should give genuine reason within 10 days with valid evidence, else he/she will be considered absent.
- Attending examination of M.Sc (I.T.) – Part II allowed only after Passing all subjects in Part I (No ATKT allowed)

Role of PCP Center

- Counseling Sessions
 - Weekdays :- 6:00pm to 8:00pm
 - Saturdays and Sundays (Timings will be conveyed to you by your respective PCP center)
- Internal and Practical examinations will be held at PCP centers
- External examination as per University of Mumbai

Feel free to contact us for any academic query:

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