

## Admission Process

### Pattern of CET

#### □ For M.Sc. CS and IT:

Students those who are seeking admission to M. Sc. (Computer Science & IT) in the Department for an Academic Year 2016-2017 have to go through the CET Examination. The final merit list of provisionally selected candidates will be prepared based on 50% Marks from Qualifying Degree Score and 50% Marks from CET Score. The students appeared in Final Year (B.Sc. / B.E. / B. Tech.) or previously passed are eligible for CET Examination.

#### Eligibility: a) M. Sc. (Computer Science)

- Any Science Graduate with at least one Optional Subject as Computer Science. **OR** B.Sc. Computer Science **OR** B.Sc. IT **OR** B.E./B. Tech. in Computer Science and Engineering.
- Qualifying degree percentage: Minimum 45% for open and 40% for reserved category.

#### b) M. Sc. (Information Technology)

- Any Science Graduate with at least mathematics in 12<sup>th</sup> Standard **OR** B.Sc. Computer Science **OR** B.Sc. IT **OR** B.E./B. Tech. in Computer Science and Engineering
- Qualifying degree percentage: Minimum 45% for open and 40% for reserved category.

### Intake Capacity and Seat Distribution:

- 32 Students for M. Sc. (Computer Science) and
- 32 Students for M. Sc. (Information Technology)

Category wise Reservation will be as per the Govt. of Maharashtra and Dr. B. A. M. University guidelines.

### Distribution:

SSC Board	HSC Board	Degree	% of Seats
Maharashtra	Maharashtra	Dr. BAMU	80%
Maharashtra	Maharashtra	Other	10%
Other	Other	Other	10%

- Note:** 1. 30% Seats in each Course will be reserved for Women Candidates.  
2. 3% Seats in each Course will be reserved for Physically Handicapped.

### Over and Above Quota

Category	No. of Seats
Service Man/ Ex- Service Man/ Freedom Fighter	02
Sports/ Debit Competition/ Youth Festival/ Any other National Level Competition	01
SRTMU	02
Migrated Service Man from Outside the University Region	02
Foreign Students (20% of intake capacity)	07
Son/Daughter of Martyr Soldier/ Officers of Kargil War	01

### Syllabus for CET:

- Basic Mathematics:** Matrices, Integration, Derivative, Geometrical Figures, Trigonometric Concepts
- Fundamental of Computer:** Number System, Logic Gates, Input, Output Devices, Storage Devices, Semiconductor Memory
- Aptitude:** Logic Reasoning, Chart Reading, Graph Reading, Logical Questions
- Fundamental of 'C' Programming:** Variables, Keywords, Input, Output Statements, Header files, Conditional statements, Loop statements

### Exam pattern of CET:

- CET question paper is of 50 marks on multiple choice questions of one our duration.
- Section (A) Basic Mathematics: 20 marks, Section (B) Fundamental of Computer: 10 Marks, Section (C) Aptitude: 10 Marks, Section (D) Fundamental of C Programming: 10 Marks





### Pattern of CET:

#### □ For M. Phil. in Computer Science:

Those students who are seeking admission to M. Phil. in Computer Science in the Department for Academic Year 2016-2017 have to go through the CET Examination. The final merit list of provisionally selected candidates will be prepared based on evaluation criteria mentioned in evaluation.

#### Objectives and Features of the course :

- The course is designed to motivate technical ability through research perspective.
- Research work/dissertation work would be carried out under the guidance of the highly qualified teachers in the Department. To get research training to simplify Ph. D. work.

#### Eligibility:

M. Phil course in Computer Science under the faculty of Science will be governed by following rules

- The degree of M. Phil. shall be conferred on a candidate who has satisfied the following conditions:  
The candidate must have taken 12<sup>th</sup> Science, Under Graduate in Science or Engineering with M. Sc. in Computer Science or M. Sc. Information Technology or MCA Engineering and Technology or Science Faculty or M.E. /M. Tech. in Computer Science and Engineering or Information Technology Degree with at least 55% marks and 50% for the reserve category. Candidates of this University or of any other statutory University where the grading system is prevalent he should have passed the degree in equivalent cumulative Grade Point Average.

#### Intake Capacity: 20

The Reservation will be as per the Government and University Rules.

#### Exam Pattern of CET:

- a. Marks 50
- b. Time One Hour

**Evaluation:** The merit list will be prepared as per the following procedure :

Sr. No.	Name of Examination	Marks
1.	CET	50
2.	B. Sc.	20
3.	M. Sc.	30
<b>Total</b>		<b>100</b>

A) Marks from B. Sc. will be considered as follows:

Sr. No	Percentage	Marks
1.	45 – 49.9	10
2.	50 – 59.9	15
3.	Above 60	20

B) Marks from M. Sc. will be considered as follows:

Sr. No.	Percentage	Marks
1.	50 – 54.9	10
2.	55 – 59.9	20
3.	Above 60	30

#### Syllabus for CET:

The objective type questions will be set for CET examination. The subjects are: Operating System, Data Structure, Microprocessor, Compiler Design, Computer Graphics, C++, DBMS, Discrete Mathematical Structure, Computer System Architecture and Software Engineering.

#### PhD Program (Computer Science and Computer Science & Engineering):

- The admission for PhD is through PET Examination and as per the University rule.
- Seats are allocated as per the available Guide's quota.