

**PG Course Pattern (2020 – 2023) (UGC/ TANSICHE/ MTU)
(Mathematics)**

Sem.	Code	Title of the Course	Hours	Credit	
I	20XXX1C01	Major	24	19	
	20XXX1C02	Major			
	20XXX1C03	Major			
	20XXX1C04	Major			
	20XXX1E1A/ 20XXX1E1B/ 20XXX1E1C	Elective Course	6	4	
		Total	30	23	
II	20XXX2C05	Major	18	15	
	20XXX2C06	Major			
	20XXX2C07	Major			
		20XXX2E2A/ 20XXX2E2B/ 20XXX2E2C	Elective Course	6	4
		20XX2GE1	IDC (Science, Mathematics to Science, Mathematics)	4	3
		20PSE2S01	Soft Skills	2	1
		Total	30	23	
III	20XXX3C08	Major	18	15	
	20XXX3C09	Major			
	20XXX3C10	Major			
	20XXX3E3A/ 20XXX3E3B/ 20XXX3E3C	Elective Course	6	4	
	20XX3GE2	IDC (Science, Mathematics to Arts, Management)	4	3	
	20PSE3H02	Human Rights & Duties	2	1	
	20XXX3IN1	Internship	-	2*	
		Total	30	23+2*	
IV	20XXX4C11	Major	18	15	
	20XXX4C12	Major			
	20XXX4C13	Major			
		20XXX4R01	Project	12	6
		20XXX4SM1	MOOC'S	-	1*
		20XXX4S01	Comprehensive Examination	-	2*
		Total	30	21+3*	
		Total for All Semesters	120	90 + 5*	

Internship for atleast 10 days after II semester i.e. during the Semester Holidays – Extra Credits

Continuous Internal Assessment Component (CIA)

Theory:

Component	Marks	Marks
Internal Test I	40	Converted to 25
Internal Test II	40	
Seminar	10	
Term Paper	5	
Attendance	5	
Total	100	25

Continuous Internal Assessment Component (CIA)

Practical: 40 Marks

Passing Minimum

Semester Examination	
Theory	50% out of 75 Marks (i.e. 37.5 Marks)
Practical	50% out of 60 Marks (i.e. 30 Marks)

Project Work

The ratio of marks for Internal and External Examination is 50:50.

The Internal Components of Project

Components	Marks
First Review	10
Second Review	10
Final Review (Internal Viva Voce)	30
Total	50

External Valuation of Project Work

Components	Marks
Project	25
External Viva Voce	25
Total	50

Internship Component can be decided by the respective Dept.

Internal Question Pattern
(Maximum Marks-40)

Part - A

10 Questions × 1Mark = 10 Marks

Part - B

2 Questions × 5 Marks = 10 Marks

(Internal Choice and One Question from Each Unit)

Part - C

2 Questions × 10 Marks = 20 Marks

(Open Choice, Two Questions out of Three)

External Question Pattern
(Maximum Marks-75)

Part - A

10 Questions × 1Mark = 10 Marks

(Two Questions from each Unit)

Part - B

5 Questions × 5 Marks = 25 Marks

(Internal Choice and one set of Question from each Unit)

Part - C

5 Questions × 8 Marks = 40 Marks

(Open Choice Five Questions out of Seven

Atleast One Question from each Unit)