

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

Sem.	Part	Code	Title of the Course	Hours	Credit
I	I	20GT1GS01/	Tamil - I	6	3
		20GH1GS01/	Hindi - I		
		20GF1GS01	French - I		
	II	20GE1GS01	English - I	6	3
	III	20XX1MC01	Major Core Course - 1	9	7
		20XX1MC02	Major Core Course - 2		
		20XX1AC01	Allied Theory - 1	3	3
		20XX1AP01	Allied Practical - 1	2	1
	IV	20XX1AE01	<b>Ability Enhancement Compulsory Course (AECC)- 1</b> Professional English (Course text should be prepared by the respective dept. as per the guidelines given in TANSICHE integrated syllabus)	2	2
	IV	20SE1CE1B	<b>Skill Enhancement Compulsory Course (SECC)- 1</b> Computer Education	2	2
V	20STPNS01/ 20STPNC01/ 20STPPE01	<b>Students Training Programme:</b> National Service Scheme/ National Cadet Corps/ Physical Education	-	-	
		<b>Total</b>	<b>30</b>	<b>21</b>	
II	I	20GT2GS02	Tamil - II	6	3
		20GH2GS02	Hindi - II		
		20GF2GS02	French - II		
	II	20GE2GS02	English - II	6	3
		20XX2MC03	Major Core Course - 3	9	8
		20XX2MC04	Major Core Course - 4		
	III	20XX2AC02	Allied Theory - 2	3	3
		20XX2AP02	Allied Practical - 2	2	1
	IV	20AE2ES02	<b>Ability Enhancement Compulsory Course (AECC)- 2:</b> Environmental Studies	2	2
	IV	20SE2CB02	<b>Skill Enhancement Compulsory Course (SECC)- 2:</b> Capacity Building	2	2
V	20STPNS01/ 20STPNC01/ 20STPPE01	<b>Students Training Programme:</b> National Service Scheme/ National Cadet Corps/ Physical Education	-	-	
		<b>Total</b>	<b>30</b>	<b>22</b>	

Sem.	Part	Code	Title of the Course	Hours	Credit
III	I	20GT3GS03	Tamil - III	6	3
		20GH3GS03	Hindi - III		
		20GF3GS03	French - III		
	II	20GE3GS03	English - III	6	3
	III	20XX3MC05	Major Core Course - 5	9	8
	III	20XX3MC06	Major Core Course - 6		
	III	20XX3AC03	Allied Theory - 3	3	3
	III	20XX3AP03	Allied Practical - 3	2	1
III	20XX3DE1A/ 20XX3DE1B	<b>Discipline Specific Elective-1</b>	4	3	
V	20STPNS01/ 20STPNC01/ 20STPPE01	<b>Students Training Programme:</b> National Service Scheme/ National Cadet Corps/ Physical Education	-	-	
			<b>Total</b>	<b>30</b>	<b>21</b>
IV	I	20GT4GS04/	Tamil - IV	6	3
		20GH4GS04/	Hindi - IV		
		20GF4GS04	French - IV		
	II	20GE4GS04	English – IV	6	3
	III	20XX4MC07	Major Core Course – 7	9	8
		20XX4MC08	Major Core Course - 8		
		20XX4AC04	Allied Theory – 4	3	3
	III	20XX4AP04	Allied Practical – 4	2	1
	III	20XX4DE2A/ 20XX4DE2B	<b>Discipline Specific Elective-2</b>	4	3
V	20STPNS01/ 20STPNC01/ 20STPPE01	<b>Students Training Programme:</b> National Service Scheme/ National Cadet Corps/ Physical Education	-	2*	
V	20SLPEX01	<b>Service Learning Programme -</b> Extension JACEP	-	-	
			<b>Total</b>	<b>30</b>	<b>21+2*</b>

Sem.	Part	Code	Title of the Course	Hours	Credit
V	III	20XX5MC09	Major Core Course - 9	22	20
	III	20XX5MC10	Major Core Course - 10		
	III	20XX5MC11	Major Core Course - 11		
	III	20XX5MC12	Major Core Course - 12		
	III	20XX5DE3A/ 20XX5DE3B	<b>Discipline Specific Elective-3</b>	4	3
	IV	20XX5GE01/  20GE5NC01	<b>Generic Elective-1 (NME)</b> (Arts , Management to Arts, Management) & (Science, Mathematics to Science, Mathematics)/ NCC - National Integration and Personality Development	2	2
	IV	20SE5AB03	<b>Skill Enhancement Compulsory Course (SECC) - 3:</b> Aptitude Building	2	2
	V	20SLPEX01	<b>Service Learning Programme -</b> Extension JACEP	-	4*
			<b>Total</b>	<b>30</b>	<b>27+4*</b>
VI	III	20XX6MC13	Major Core Course - 13	22	21
		20XX6MC14	Major Core Course -14		
		20XX6MC15	Major Core Course - 15		
	III	20XX6MC16	Major Core Course - 16		
	III	20XX6DE4A/ 20XX6DE4B	<b>Discipline Specific Elective-4</b>	4	3
	IV	20XX6GE02/ 20GE6NC02	<b>Generic Elective-2 (NME)</b> (Arts, Management to Science, Mathematics) & (Science, Mathematics to Arts, Management)/ NCC - Organization and Health Programme in NCC	2	2
	IV	20SE6XX04	<b>Skill Enhancement Compulsory Course (SECC) - 4:</b> Course offered by Parent Dept.	2	2
	V	20XX6SS01/ 20XX6SM01	Self Study Course/ MOOCs	-	2*
			<b>Total</b>	<b>30</b>	<b>28+2*</b>
			<b>Total</b>	<b>180</b>	<b>140+8*</b>

\* Extra Credits - Self Study Paper, MOOCs

### Certificate Course

Code	Title of the Course	Hours	Credit
20XX1SD01/ 20XX1SD02/ 20XX1SD03	Skill Development Programme (SDP) Certificate Course-1/ Certificate Course-2/ Certificate Course-3 (Department wise)	60	2

### Certificate Course on Gandhian Thought

Code	Title of the Course	Hours	Credit
CCHYGT01	Course - I	60	2
CCHYGT02	Course - II		

### Continuous Internal Assessment Component (CIA)

#### Theory:

Component	Marks	Marks
Internal Test I	40	Converted to 25
Internal Test II	40	
Quiz	10	
Assignment	5	
Attendance	5	
<b>Total</b>	<b>100</b>	<b>25</b>

### Continuous Internal Assessment Component (CIA)

**Practical can be decided by the respective Dept.**

### Passing Minimum

Semester Examination	
Theory	40% out of 75 Marks (i.e. 30 Marks)
Practical	40% out of 60 Marks (i.e. 24 Marks)

## **External Question Pattern**

### **Part - A**

10 Questions  $\times$  1Mark = 10 Marks

(Two Questions from each Unit)

### **Part - B**

5 Questions  $\times$  5 Marks = 25 Marks

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

### **Part - C**

4 Questions  $\times$  10 Marks = 40 Marks (4 Questions out of 6)

(Open Choice and atleast one Question from each Unit)

## **Internal Question Pattern**

### **Part - A**

10 Questions  $\times$  1Mark = 10 Marks

### **Part - B**

2 Questions  $\times$  5 Marks = 10 Marks

(Internal Choice)

### **Part - C**

2 Questions  $\times$  10 Marks = 20 Marks (2 Questions out of 3)

(Open Choice and atleast one Question from allotted Units)