

## Approved Course Structure

**Name of the Program:** Integrated B.Sc. [Hons.] Mathematics - M.Sc. Mathematics

**Semester:** 1<sup>st</sup>

S. No.	Course Code	Course Title	L-T-P	Credits
1	MTL MI101	Elements of Discrete Mathematics	4-0-0	4
2	MTL MD101	Differential Calculus	4-0-0	4
3	CSE SE101	Introduction to Computer Application	1-0-2	2
4	BTL VA101	Health and Wellness	2-0-0	2
5	ECL VA101	Digital Technology	2-0-0	2
6.	LNL AE101	Professional Communication	2-1-0	3
7.	BTL MU101 NSP VA103	Basics of Biology NSS	3-0-0 2-0-0	3 2
		Total Credits		20

Apart from the above regular courses some students of this semester / batch have registered for following courses as backlog / Improvement courses (Fill this information below (if Applicable))

S. No.	Course Code	Course Title	L-T-P	Credits	Backlog / Improvement
1					

**Semester:** 2<sup>nd</sup>

S. No.	Course Code	Course Title	L-T-P	Credits
1	MTL MD102	Integral Calculus	4-0-0	4
2	MTL MI102	Analytical Geometry of 3D and Trigonometry	4-0-0	4
3	EEP SE102	MATLAB Simulink	2-0-0	2
4	NSP VA101	Sports and Fitness	2-0-0	2
5	BTLVA102	Environmental Science and Education	2-0-0	2
6.	LNL AE102	Soft skills through Literature	3-0-0	3
7.	SEL MU102	Indian Economy	3-0-0	3
		Total Credits	20-0-0	20

Apart from the above regular courses some students of this semester / batch have registered for following courses as backlog / Improvement courses (Fill this information below (if Applicable))

S. No.	Course Code	Course Title	L-T-P	Credits	Backlog / Improvement
1					
2					

**Signature**

**Head, School of \_\_\_\_\_**

### Approved Course Structure

**Name of the Program:** Integrated B.Sc. [Hons.] Mathematics - M.Sc. Mathematics

**Semester:** 3<sup>rd</sup>

S. No.	Course Code	Course Title	L-T-P	Credits
1	MTL 2231	Fundamentals of Algebra	4-1-0	5
2	MTL 2232	Real Analysis	4-1-0	5
3	MTL 2241	Computer Programming	4-0-0	4
	MTP 2241	Computer Programming Lab	0-0-2	1
4	LNL 2211	Soft Skills thorough Literature-II	2-1-0	3
5	ECL 1200	Matlab Programming & Applications	1-0-2	2

6.	BTE 2533	Food and Nutrition	3-0-0	3
		Total Credits	18-3-4	23

Apart from the above regular courses some students of this semester / batch have registered for following courses as backlog / Improvement courses (Fill this information below (if Applicable))

S. No.	Course Code	Course Title	L-T-P	Credits	Backlog / Improvement
1	MTL 2231	Fundamentals of Algebra	4-1-0	5	Backlog (05students)
2					

**Signature**

**Head, School of Mathematics**

### **Approved Course Structure**

**Name of the Program:** Integrated B.Sc. [Hons.] Mathematics - M.Sc. Mathematics

**Semester:** 5<sup>th</sup>

S. No.	Course Code	Course Title	L-T-P	Credits
1	MTL-3231	Multivariable Calculus	4-1-0	5
2	MTL-3241	Coding Theory	4-1-0	5
3	MTL-3242	Fuzzy Logic and Applications	4-0-0	4
	MTP-3242	Fuzzy Logic and Applications Lab	0-0-2	1
4	MTL-3243	Integral Transforms	4-1-0	5
5	MTE-3241	Graph Theory	5-0-0	5
		Total Credits	21-3-2	25

Apart from the above regular courses some students of this semester / batch have registered for following courses as backlog / Improvement courses (Fill this information below (if Applicable))

<b>S. No.</b>	<b>Course Code</b>	<b>Course Title</b>	<b>L-T-P</b>	<b>Credits</b>	<b>Backlog / Improvement</b>
1					
2					

**Signature**

**Head, School of \_\_\_\_\_**