Five years Integrated M.Sc. Mathematics (Semester - 3)
Assessment Policy
060090304: Mathematical Logic and Function (Theory – 2 Credits)

Assessment Code	Assessment Type	Duration of each	Occurrence	Each of marks	Weightage in CIE of 40 marks	Remarks
A1	Unit Test	120 minutes	2	30	7 x 2 = 14	Unit Test 1: After completion of Unit 1 and 2.1,2.2. Unit Test 2 : From unit 2.3,2.4,2.5and unit 3
A2	Internal Exam	3 hours	1	60	14 x 1 = 14	Covers Unit- All units
A3	Assignment	10 days	4	5	1.75 x 4 = 7	After completion of each chapter
A4	Viva	1 hr	1	20	5 x 1 = 5	Covers Unit- All units

Assessment Type Classification:

Assessment Code :	A1	**Coverage of Content :**	Unit test-1: From unit 1 and 2.1,2.2. Unit test-2: From unit 2.3,2.4,2.5 and unit 3
Assessment Type :	Unit Test-1&2	**Tentative Date :**	02/08/2019 and 11/09/2019
Kind of Question Format:	Que-1 -A) Answer the following (2 out of 2 question for I mark) [02 Marks] B) Answer the following. (1 out of 2 question for 3 Marks) [03 Marks] C) Answer the following. (2 out of 3 question for 5marks) [10 Marks] Que-2 -A) Answer the following (2 out of 2 question for I mark) [02 Marks]		

	B) Answer the following. (1 out of 2 question for 3 Marks)	[03 Marks]
	C) Answer the following. (2 out of 3 question for 5marks)	[10 Marks]
Assessment :	Formative	

Assessment Type Classification:

Assessment Code :	A2	**Coverage of Content :**	Covers Unit- All units
Assessment Type :	Internal Exam	**Tentative Date :**	04/10/2019
Kind of Question Format:	Same as University format.		
Assessment :	Summative		

Assessment Type Classification:

Assessment Code :	A3	**Coverage of Content :**	After completion of each chapter
Assessment Type :	Assignment	**Tentative Date :**	
Rules:	1. 20 questions from each unit will be given as assignment. 2. Questions will be given in the very next lecture once the unit gets over. 3. 10 days will be given for assignment submission. 4. Zero marks will be given for submission after given deadline.		

Assessment :	Summative

Assessment Type Classification:

Assessment Code :	A4	**Coverage of Content :**	Covers Unit- All units
Assessment Type :	Viva	**Tentative Date :**	
Kind of Question **Format:**	1. Viva will be taken after completion of whole syllabus. 2. Zero marks will be given for submission after given deadline.		
Assessment :	Summative		

Course Outcomes: Upon completion of the course, students shall be able to
CO1: To develop logical thinking in terms of predicates, quantifiers and logical connectives.
CO2: Can reproduce the formal pertaining to relation.
CO3: Can refute the validity of property about relations and functions with a counter example.
CO4: Analyze the growth of functions.
CO5: Be familiar with special type of functions.

Programme Outcomes (PO)

PO1: Knowledge

Provides knowledge about the fundamentals of pure, applied and computing mathematics and its applications to students that creates the opportunities in industries and research centers.

PO2: Core Competence

Creates competency in science and mathematics to formulate, analyses and solve problem and/or also to pursue advanced study or research.

PO3: Breadth

Trains students having good knowledge in unearth core of academia and industry by the roots of mathematics.

PO4: Evaluation

Imparts in students to raise trial and error-based curiosity and problem-solving functionality with research based advanced tutorial for higher level decision makings tools.

Assessment Code	Course Outcomes					Programme Outcomes			
	CO1	CO2	CO3	CO4	CO5	PO1	PO2	PO3	PO4
A1	✓	✓	✓			✓	✓		
A2		✓	✓		✓	✓	✓	✓	✓
A3	✓	✓	✓	✓	✓	✓			✓
A4	✓	✓	✓	✓	✓	✓	✓	✓	✓