Integrated M.Sc. Mathematics (Semester - 8)
Assessment Policy
060090803: Fluid Dynamics

Assessment Code	Assessment Type	Duration of each	Occurrence	Each of marks	Weightage in CIE of 40 marks	Remarks
A1	Unit Test	180 minutes	2	30	7*2=14	Unit Test 1: After Completion of U Unit Test 2 : After Completion of U
A2	Viva/Presentation	20 minutes	1	10	5*1=05	Covers Unit- All units
A3	Assignment	7 days	4	10	1.75*4=07	Assignment 1: 27/02/2019 Assignment 2: 15/03/2019 Assignment 3: 30/13/2019 Assignment 4: 05/04/2019
A4	Internal Exam	3 hours	1	60	14*1=14	Covers Unit- All units

Assessment Type Classification:

Assessment Code :	A1	**Coverage of Content :**	From unit 1,2
Assessment Type :	Unit Test 1	**Tentative Date :**	01/03/2019
Kind of Question Format:	Q-1 Answer the following. (2 out of 2 questions of 2 mark) [02 Marks] Q-2 Answer the following. (1 out of 2 questions of 3 mark) [03 Marks] Q-3 Answer the following. (2 out of 3 questions of 5 mark) [10 Marks]		
Assessment :	Formative		

Assessment Code :	A1	**Coverage of Content :**	From unit 3,4
Assessment Type :	Unit Test 2	**Tentative Date :**	05/04/2019
Kind of Question Format:	Q-1 Answer the following. (3 out of 4 questions of 5 mark) [15 Marks] Q-2 Answer the following. (3 out of 4 questions of 5 mark) [15 Marks]		
Assessment :	Formative		

Assessment Code :	A2	**Coverage of Content :**	After completion of Syllabus
Assessment Type :	Viva/Presentation	**Tentative Date :**	25/04/2019
Kind of Question Format:	1. Topic should be given from the syllabus before 20 days of the presentation. 2. 15 minutes should be given for presentation 3. Viva should be taken after completion of presentation 4. Zero marks will be given, if students remain absent on the day of presentation without taking prior permission of leave or students not give the presentation of given topic		
Assessment :	Formative		

Assessment Code :	A3	**Coverage of Content :**	Covers Unit- All units
Assessment Type :	Assignment	**Tentative Date :**	Assignment 1: 27/02/2019 Assignment 2: 15/03/2019 Assignment 3: 30/13/2019 Assignment 4: 05/04/2019
Kind of Question Format:	1. 8 questions (short questions and long questions) from all units will be given as assignment. 2. Questions will be given in the very next lecture once the unit gets over. 3. 07 days will be given for assignment submission. 4. Zero marks will be given for submission after given deadline.		
Assessment :	Formative		

Assessment Code :	A4	**Coverage of Content :**	Covers Unit- All units
Assessment Type :	Internal Exam	**Tentative Date :**	18/04/2019
Kind of Question Format:	Same as University format.		
Assessment :	Formative		

Assessment Type Mapping with Course Outcomes and Program Outcomes:

Course outcomes: Upon completion of the course, students shall be able to

CO1: knowledge of basic properties of fluid dynamisc.

CO2: analyze fluid flow problems with the application two different methods for the continuty equation.

CO3: analyze the internal flow profile by concept of Navier stokes equation.
CO4: find the velocity of liquid at any momemt of time**.**
CO5: learn to application of liquied flow.
CO6: determine the nature and charectrstic of fluid.

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 inc 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 r

Assessment Code	Course Outcomes						Programme Outcomes			
	CO1	CO2	CO3	CO4	CO5	CO6	PO1	PO2	PO3	PO4
A1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A2	✓	✓	✓	✓	✓	✓		✓		✓
A3	✓	✓	✓	✓	✓	✓	✓	✓		✓
A4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓