

Lesson Plan (Odd Semester) Session 2025-26
Name of the Assistant Professor:- Mr. DINESH KUMAR
Class:- B.Sc. 1st (Semester-Ist)
Subject:- MATHEMATICS
Paper :- CALCULUS
Code :- BA/BSC/MD/MAT/1/DSC/101

Time Period (Duration)	Topics to be covered	Topic of Assignments / Tests to be given to the students
22 July to 30 July 2025	Unit I- Limit, Continuity and Derivability	
01 Aug. to 15 Aug. 2025	Unit I - Limit, Continuity and Derivability Indeterminate Forms	Assignment - I
16 Aug. to 31 Aug. 2025	Unit I - Successive Differentiation Some General Theorems on Differentiable Functions and Expansions	Unit Test
01 Sept to 15 Sept. 2025	Unit II Asymptotes	
16 Sept. to 30 Sept 2025	Unit II Curvature	Assignment -II
01 Oct. to 15 Oct. 2025	Unit III Singular Points Curve Tracing Reduction Formulae	Unit Test




Principal
Khalsa Tri-Shatabdi
Govt. College, Ratia
(Patna) 125051

16 Oct. to 31 Oct. 2025	Unit IV Rectification Quadrature	
01 Nov to 15 Nov. 2025	Volumes and Surfaces of Solids of Revolution	Unit Test
16 Nov to 22 Nov. 2025	Revision	

Signature of Teacher

Principal
Khalsa Tri-Shatabdi
Govt. College, Ratia
(Fatehabad) 125051

Lesson Plan (Odd Semester) Session 2025-26
Name of the Assistant Professor:- Mr. DINESH KUMAR
Class:- B.Sc IInd (Semester 3rd)
Subject :- MATHEMATICS

Paper :- Elements of Differential Equations –I

Code :- BA/BSC/MD/MAT/3/DSC/201

Period	Subject Topic to be covered	Remarks
22 July to 31 July 2025	Unit I Differential Equations of First Order and First Degree	
1 Aug. to 15 Aug. 2025	Unit I Exact Differential Equations	
16 Aug. to 31 Aug. 2025	Unit I Equations of First Order But Not of First Degree Orthogonal Trajectories	Unit test
1 Sept. to 15 Sept. 2025	Unit II Linear Differential Equations with Constant Co-efficients	
16 Sept. to 30 Sept. 2025	Unit II Cauchy-Euler Equations Linear Differential Equations of Second Order with Variable Coefficients	Assignment -I
1 Oct. to 15 Oct. 2025	Unit III- Ordinary Simultaneous Differential Equations Total Differential Equations	
16 Oct. to 31 Oct. 2025	Unit IV- First Order Linear Partial Differential Equations First Order Non Linear Partial Differential Equations	Assignment -II
1 Nov. to 15 Nov. 2025	Second Order Linear Partial Differential Equations with Constant Coefficients	Unit test
16 Nov. to 25 Nov. 2025	Unit Test and Revision	

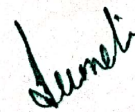
Signature of Teacher

Sumit
Principal
Khalsa Tri-Shatabdi
Govt. College, Ratia
(Fatehabad) 125051

Lesson Plan (Odd Semester) Session 2025-26
Name of the Assistant Professor:- Mr. DINESH KUMAR
Class:- B.Com. 1st (Semester-Ist)
Subject:- Mathematics
Paper :- Elements of Business Mathematics
Code :- CDLU/SEC/1/102

Time Period (Duration)	Topics to be covered	Topic of Assignments / Tests to be given to the students
22 July to 30 July 2025	Unit I Number System	
01 Aug. to 15 Aug. 2025	Unit I Equations	Assignment - I
16 Aug. to 31 Aug. 2025		Unit Test
01 Sept to 15 Sept. 2025	Unit II Percentage	
16 Sept. to 30 Sept 2025	Unit II Ratios	Assignment -II
01 Oct. to 15 Oct. 2025	Unit II Proportions	Unit Test
16 Oct. to 31 Oct. 2025	Unit II Commercial Mathematics	
01 Nov to 15 Nov. 2025	Unit III Matrices	Unit Test
16 Nov to 22 Nov. 2025	Revision	


 Signature of Teacher


 Principal