

TEACHING PLAN
4TH SEMESTER-2026
JANUARY 2026 – JUNE 2026

PAPER NAME & PAPER CODE: SKILL ENHANCEMENT COURSE :DATA ANALYSIS (SEC0200103)

TOTAL CREDIT: 3 CREDITS (THEORY: 0 CREDIT; PRACTICAL: 3CREDITS)

CONTACT HOURS: 45

TOTAL MARKS: 75 (INTERNAL: 20+PRACTICAL:25+ FINAL:30)

TEACHER NAME: DR. RUMIA BEGUM, ASSISTANT PROFESSOR, DEPT. OF ECONOMICS

Unit Details	Time Period	Marks	No. of Classes	Mode of Teaching	Mode of Evaluation
Unit-1 Basic concepts of data; Tabular presentation of data-single, double and multiple table; Diagrammatic presentation: one dimensional, two dimensional: histogram, pie diagram; three dimensional-rectangular, cube; pictograms and cartograms, scatter, line and radar diagrams;	Feb	20	15	Computer hands on using MS Excel and SPSS	Class test, Sessional Exam
Unit 2: Overview of basic statistics: Frequency , Summation, Maximum, Minimum, Mean, Median, Mode, Standard Deviation, Skewness.	March	20	10	Computer hands on using MS Excel and SPSS	Class test, Sessional Exam,
Unit 3: Statistical relation: Covariance, Correlation: Bivariate, Partial , Rank, Correlation Matrix	March-April	35	20	Computer hands on using MS Excel and SPSS	Class test, Sessional Exam,

Strategy for slow and advanced learners:

Within one month of commencement of classes one test of all the topics will be taken to test the learning ability of students, extra attention during hands on and study materials for slow learners; extra assignments are there to aid slow learners

Advanced learners: To provide advance practice problems/questions

Rumia Begum

TEACHING PLAN

6TH SEMESTER-2026

JANUARY 2026 – JUNE 2026

PAPER NAME & PAPER CODE: : FUNDAMENTALS OF FINANCIAL ECONOMICS (ECO0600304)

TOTAL CREDIT: 4 CREDITS **CONTACT HOURS:** 60

TOTAL MARKS: 100 **INTERNAL:** 40 **EXTERNAL:** 60

TEACHER NAME: DR. RUMIA BEGUM, ASSISTANT PROFESSOR, DEPT. OF ECONOMICS

Unit Details	Time Period	Marks	No. of Classes	Mode of Teaching	Mode of Evaluation
Unit-1 : Financial Market Money market, its structure and functions, instruments in the money market; trading and settlement process in the secondary capital market, stock market index, mutual fund and its functional classification; instruments of resource mobilization such as public issues like IPO and FPO, Right Issues, and Private Placement, Pricing of new issues; Stock market Index; Mutual Fund and its classification.	Jan-Feb	25	15	ICT lecture; Interactive Lecture; Google Classroom	Class test, Sessional Exam
Unit 2: Valuation of Financial Asset Law of one price and Arbitrage; The valuation of debt instruments: Pure discount bonds. Coupon bonds, Current Yield and Yield to Maturity; Valuing of stock: value of a common stock and dividend discount model: zero growth and constant growth.	Feb	20	12	ICT Lecture, Google Classroom	Class test, Sessional Exam, Home Assignment

Unit 3: Financial Analysis Financial Ratios: Liquidity Ratios, Turnover Ratios, Profitability Ratios, Valuation Ratios; Dupont Analysis, Relationships, Interpretations and Analysis.	Feb- March	20	12	Lecture, Google Classroom	Class test, Sessional Exam, Quiz
Unit 4: Risk and Return Risk and Return of an Asset and a Portfolio; Measurement of Market Risk. Beta of a stock. The Risk management process. Dimension of Risk Transfer	Mar	20	11	Lecture,	Class test, Sessional Exam, Group Presentation
Unit 5: The Derivative Market Nature of Derivative Market; Traders and Instruments in a derivative market; Trading Strategies: Hedging, Speculation for Arbitrage Strategies.	Mar- Apr	15	10	Lecture	Class Test, Sessional Exam, Group Discussion

Strategy for slow and advanced learners:

Within one month of commencement of classes one test of all the topics in the google classroom will be taken to test the learning ability of students, study materials and PPTs are for slow learners; extra assignments are there to aid slow learners

Advanced learners: Swayam Portal materials to be shared

TEACHING PLAN
4TH SEMESTER-2026
JANUARY 2026 – JUNE 2026

PAPER NAME & PAPER CODE: : ADVANCED MACROECONOMICS (ECO4400204MJ)

TOTAL CREDIT: 4 CREDITS **CONTACT HOURS:** 60

TOTAL MARKS: 100 **INTERNAL:** 40 **EXTERNAL:** 60

TEACHER NAME: DR. RUMIA BEGUM, ASSISTANT PROFESSOR, DEPT. OF ECONOMICS

Unit Details	Time Period	Marks	No. of Classes	Mode of Teaching	Mode of Evaluation
Unit-1 : Consumption Function APC and MPC, Factors influencing Consumption spending; Keynes consumption theory ;Relative Income Hypothesis; Permanent Income Hypothesis and Life cycle hypothesis	Jan-Feb	20	15	ICT lecture; Interactive Lecture; Google Classroom	Class test, Sessional Exam
Unit 2: Investment Function Types of investment- Autonomous and Induced, residential investment and inventory investment, Determinants of business fixed investment, marginal efficiency of capital, Marginal efficiency of investment; Accelerator theory of Investment; Multiplier Accelerator interaction.	Feb	20	15	ICT Lecture, Google Classroom	Class test, Sessional Exam, Home Assignment
Unit 3: Macroeconomic modelling IS-LM model and policy analysis, Income determination in an open economy; Mundell-Fleming model; Exchange rate and its determination; Purchasing power parity; Demand-Supply and Balance of Payments theory.	Feb-March	30	14	Lecture, Google Classroom	Class test, Sessional Exam, Quiz

Unit 4: Inflation, Unemployment and Expectations Inflation-unemployment trade off and Phillips curve; Adaptive and Rational expectations; policy ineffectiveness debate	Mar	15	08	Lecture,	Class test, Sessional Exam, Group Presentation
Unit 5: Economic Growth Harrod- Domar model; Solow model; Technological progress and elements of endogenous growth	Mar-Apr	15	08	Lecture	Class Test, Sessional Exam, Group Discussion

Strategy for slow and advanced learners:

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Advanced learners: Swayam Portal materials to be shared

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