SYLLABUS & PROGRAMME STRUCTURE

Economics

(Honours)

(Choice Based Credit System)

(Effective from the Academic Session 2017-2018)

Second Semester

MAHARAJA BIR BIKRAM UNIVERSITY
AGARTALA, TRIPURA: 799004

PROGRAMME STRUCTURE

Structure of Proposed CBCS SyllabusBA/BSc/B.Com Honours

Semester	Core Course (14) Honours	Ability Enhancement Compulsory Course (AECC) (2)	Skill Enhancement Course (SEC) (2)	Discipline Specific Elective (DSE) (4)	Generic Elective (GE) (4)
1	C1 C2	AECC1: Environmental Science			GE1 (Paper-I of selected subject other than Hons subject)
2	C3 C4	AECC2 : (English/MIL (Communication)			GE2 (Paper-II of selected subject other than Hons subject)
3	C5 C6 C7		SEC1		GE3 (Paper-III of selected subject other than Hons subject)
4	C8 C9 C10		SEC2		GE4 (Paper-IV of selected subject other than Hons subject)
5	C11 C12			DSE1 DSE2	
6	C13 C14			DSE3 DSE4	

TOTAL MARKS – 100
(End semester- 80, Internal- 20)

- *UNIT-I (*Underline*National Income Analysis*):**

  UNIT-I (National Income Analysis):
  Open & Close Economy; Concepts of Depreciation,Factor Cost (FC) and Market Price (MP); Different Derivatives of NI (GNP, GDP, NNP, NDP, PI & DPI); Methods of Measurements of National Income: Aggregation of Output, Income and Expenditure; National Income Identity; Problem of Double Counting & Value Added Method; Problems of Measuring NI in an Underdeveloped Economy, GDP and Economic Welfare, Concepts of GDP Deflator and CPI.

- *UNIT-II (Theory of Consumption):*
  Consumption Function; Aggregate Consumption (Concepts & Determinants); MPC & MPS; APC & APS; Keynesian Psychological Law of Consumption; Relative Income, Permanent Income & Life Cycle Hypotheses: Non Proportional Short Run Consumption Function (MPC<APC) & Long Run Proportional Consumption Function (MPC=APC).

- *UNIT-III (Theory of Investment):*
  Investment (Autonomous & Induced) and Its Determinants Supply Price, Periodical Returns from Investment and Rate of Discount; Derivation and Determinants of MEC; MEI and Its Distinction from MEC; Concepts of Multiplier & Accelerator; Acceleration Principle.

- *UNIT-IV (Savings,Effective Demand & Simple Keynesian Model):*
  Savings Function: Concept & Determinants; Effective Demand & Its Components;Concepts of Injection, Withdrawal and Circular Flow of National Income; Macro Economic Models & Its Significance; Simple Keynesian Model of Income Determination With / Without Government Sector; Introduction of International Trade; Government Expenditure &AutonomousInvestment Multipliers; Super Multiplier.

Suggested Readings:

- **Lipsey& Chrystal,*Principles of Economics*, Oxford University Press**
- **Montosh Chakraborty,*SamastikArthaniti,*Dhakeswary Library, Dhaka.**
- **H.L. Ahuja, *Advanced Economic Theory*, S.Chand& Company Ltd.**
- **Sampat Mukherjee &Debesh Mukherjee, *SamakalinArthavidya*, N. C. Book Agency (P)Ltd.**
- **M.L Jhingan, *MacroEconomic Theory,*Vrinda Publications Pvt. Ltd.**
- **Mankiw N., Gregory. *Principles of Economics,* Thomson.**
- **D. Dasgupta,*TheMacroeconomy*, Oxford University Press.**
- **JoydebSarkhel,*Macroeconomic Theory,* Book Syndicate Pvt. Ltd.**
- **Anil Kr. Basak, *ArthanitikSamasyaByastigata O Samastigata***
- **SampatMukharjee, *Analytical Macroeconomics,* New Central Book Agency (P) Ltd.**

TOTAL MARKS – 100
(End semester- 80, Internal- 20)

- *UNIT-I (Collection & Presentation of Data)*:
  Quantitative & Qualitative Data; Primary & Secondary Data; Attribute & Variable; Methods of Collection, Tabulation and Presentation of Data; Univariate Frequency Distribution (Simple & Cumulative); Line Diagram, Bar Diagram, Histogram, Pie Chart, Frequency Curve and Polygon, Cumulative Frequency Curve and Ogive.

- *UNIT-II (Measures of Central Tendency)*:
  Mean, Median and Mode (Simple & Weighted); Formulae, Properties, Advantages and Disadvantages of & Relation between AM, GM and HM; Relation between Mean, Median and Mode for Asymmetric Distribution; Concept of Quartiles; Problems & Solutions.

- *UNIT-III (Dispersion)*:
  Distinction between Central Tendency & Dispersion; Range, Quartile Deviation, Mean Deviation, Standard Deviation & Variance, Formulae, Properties, Advantages and Disadvantages; Comparison of Different Measures of Dispersion, Relative Measures of Dispersion (Coefficients of Variation, Mean Deviation &Quartile Deviation); Problems & Solutions.

- *UNIT-IV (Moments,Skewness and Kurtosis)*:
  Concept of Moments, Odd & Even Order Moments, Raw Moments, Central Moments & Their Relation, Beta & Gamma Coefficients, Measures of Skewness& Kurtosis, Problems & Solutions.

Suggested Readings:

- **N.G. Das,** *Statistical Methods (Vol-I & II),***TataMacGraw- Hill.**
- **S.C. Gupta and V.K. Kapoor,** *Fundamentals of Mathematical Statistics,***Sultan Chand & Sons, Delhi.**
- **Goon A. M, Gupta M. K. and Dasgupta, B.** *Fundamentals of Statistics,* **The World Press Pvt. Ltd.**
- **Gupta, S.C.,** *Fundamentals of Statistics***, Himalaya Publishing House, Delhi**
- **Nagar & Das,** *Basic Statistics,* **Oxford University Press.**
- **Kenney and Keeping ,***Mathematical Statistics***,***Parts- I&II,* **Chapman &Hall Ltd.**
- **Croxton, Cowden and Klein,** *Applied General Statistics,* **Prentice Hall, Inc.**
- **John E. Freund,** *Mathematical Statistics with Application***, Irwin Miller &Marylees Miller (Authors), Prentice-Hall, Inc.**
- **R.G.Hogg and A.T.Craig ,** *Introduction to Mathematical Statistics* **, Prentice Hall**
- **Ashok Kr. Mukherjee &Shaktipada Nanda,** *BanijyikGanit O Parisankhyan***.**
- **JoydebSarkhel& Santosh Kr. Datta,** *RashibigyanerBhumika***, Book Syndicate Pvt. Ltd.**