



GIRIJANANDA CHOWDHURY UNIVERSITY, ASSAM
Hatkhowapara Azara, Guwahati-781017

Syllabus

Department of Economics

Semester: Second (II)

Programme: Post Graduate Programme

(M.A./M. Sc in Economics)

(The Revised syllabus is passed under Programme Committee and placed in the 6th BOS,
SHSS)

(Prof. Jayanta K. Sharmah, GU)

(Prof. Shantanu Chakravarty, Dean)

(Dr. Sampurna Bhuyan)

External Expert

Chairperson, BOS

Member Secretary

Course: Financial Markets and Institutions

Course Code: MEM23506T

Total sessions: 60

Total Credit: 04(Three)

L-T-P: 4-0-0

Course Objectives:

1. To enable the students to develop an understanding of the financial system in the theoretical context.
2. To enable the students to interpret the developments in the capital markets with respect to institutions and instruments and compare and contrast with International Capital Markets.
3. To enable the students to understand the mechanics and regulation of financial securities exchanges and determine how the value of stocks, bonds, and securities are calculated.

Course Outcomes:

CO1: **Understand** the various concepts and theories of money and financial system

CO2: **Apply** concepts relevant to financial markets and financial institutions, such as the flow of funds, risks stock exchange and securities to current events or topical issues.

CO3: **Analyse** the appropriate measures of risk and return for various financial instrument.

CO4: **Explain** specific problems or issues related to financial markets and institutions.

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Unit	Contents	Hours
1.	Money and Finance- Money and Near Money –Financial Intermediation and Financial Intermediaries Structure of the Financial System – Functions; Equilibrium in Financial Market- Financial System and Economic Development –Risk and Financial Assets- Types of Risks- Returns on Assets	18

2	Banking System Hours Commercial Banking – Functions - Credit Creation and its Control- Non Performing Assets; Central Bank- Credit Control Measures - The Problem of the Rupee and Issues related to Indian Currency; Development Banks – NBFIs and their Role and Functions - Financial Sector Reforms in India- Recent Issues	16
3	Financial Markets Hours Role and Structure of Money Market- Call Money Market; Treasury Bill Market, Commercial Bill Market; Including Commercial Paper and Certificate of Deposits- Discount Market- Govt. Securities Market- Market for Derivatives-, Forwards- Futures Options and Swaps; Structure of Capital Market - Stock Exchange Markets - Trading Regulations - SEBI – National Stock Exchange.	18
4.	International Financial Markets: Foreign Exchange Rates - International Monetary Fund- International Liquidity- Leading Operation of World Bank and its Affiliates; Working of International Development Agency and International Finance Corporation; Asian Development Bank and India; Euro-Dollar and Euro Currency Markets.	8

Text Books:

1. Bhole, L.M. (1999), Financial Institutions and Markets, Tata McGraw Hill Company Ltd., New Delhi.
2. Bhole, L.M. (2000), Indian Financial System, Chugh Publications, Allahabad.

Reference Books:

1. Smith, P.F. (1978), Money and Financial Intermediation: The Theory and - Structure of Financial System, Prentice Hall, and Englewood-Cilffs, New Jersey.
2. Prasad, -K.N. (2001), Development of India's Financial System, Sarup & Sons, New Delhi

Course: Elementary Econometrics

Course Code: MEM23507T

Total Sessions: 45

Total Credit: 03 (three)

L-T-P: 3-0-0

Course Objectives:

1. To equip the students with different methods and approaches of econometrics
2. To enhance the analytical and interpretation skills of the students for further study.

Course Outcome: After completion of the course students will be able to

CO1. **Understand** the use of various econometric methods according to the need of the project work.

CO2. **Apply** the knowledge of statistical inferences and econometric tools to solve problems faced in economic decision making.

CO3: **Analyse** the fundamental socio-economic issues with a quantitative approach.

CO4. **Evaluate** practical issues with the combination of lateral thinking and quantitative analysis.

Syllabus

Unit	Content	Hours
1	Basic Econometrics: Nature, meaning and scope of econometrics; distinction between Statistics and Econometrics; two variable linear regression model ;assumptions, estimation through OLS, properties of estimators ; Gauss-Markov theorem; Method of Maximum Likelihood General linear regression model assumptions, Estimation and properties of estimators; R ² and Adjusted R ² ; Generalized least square method.	15
2	Problems in Modelling: Problems of Heteroscedasticity, Autocorrelation, Multicollinearity- nature, consequences ;Different tests for detecting the problems of Heteroscedasticity, Autocorrelation, Multicollinearity; Solution to the problems of Multicollinearity and Heteroscedasticity.	15
3	Regression with Qualitative Variables & other models Dummy variable ;Chow test for structural stability of regression models; Dummy variable trap; Regression with dummy dependent variables	15

Text Books:

1. Gujarati, D. and S. Sangeetha (2007), Basic Econometrics, 4e, McGraw Hill International.

Reference Books:

1. Bhaumik, SK. (2015), Principle of Econometrics- A Modern Approach, OUP, New Delhi

Course: Computer Application in Economics**Course Code: MEM23508T****Total Sessions: 45****Total Credit: 03 (three)****L-T-P: 2-0-2****Course Objectives:**

The Objective of this course are:

1. The objective of the course is to make a learner to be able to create simple to complex documents required for an organisation. This includes official letters, notes, advertisements, prospectus and so on
2. The other objective is to enable the learner about using the statistical function used in economics.

Course Outcomes: After completing this course, the students would be able to

CO-2: **Understand** the information related to socio economic problems by using MS office functions and formulas.

CO-3: **Apply** the knowledge of Power Point presentation using slide transition and animations with suitable graphics to present research related findings.

CO4: **Explore** the MS office tools and techniques for life-long learning experiences.

CO-4: **Create** any type of documents using MS-Word, MS Excel, Ms Power point using tables, equations, graphical images etc.

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Module	Topic	Course Content	Hours
1	Basics about Computers	COMPUTER BASICS • Computer Basic, Creating Folder, Paint, Directories, input units, Output unit, Central Processing Units, What is hard ware, what is Soft ware. Windows short cut keys	3
2	MS WORD	<p>Module 1: Text Basics : Typing, Alignment, Editing Text, Find & Replace text</p> <p>Module 2: Formatting Text: Font Size, Style, Color, Bold, Italic, Underline, Case change, Line spacing, Paragraph spacing, Shading ,Tabs and Indents</p> <p>Module 3: Objects and Shapes, Clipart, Picture, Word Art, Smart Art, Columns, Order of Objects, Page Number, Date & Time ,Text boxes, Word art, symbols, Chart</p> <p>Module 4: Header & Footers : Custom Header and Footer</p> <p>Module 5: Bullets and numbered lists: Multilevel numbering and Bulleting, Page bordering, Page background</p> <p>Module 6: Tables: Table Formatting, Styles, Alignment, Merge and split option</p> <p>Module 7: Styles and Content: Build- in Styles, Modifying and Creating Styles, Adding a Footnote and Endnote</p> <p>Module 8: Merging Documents : Address list. Importing address ,l Merging with outlook contact, Preview Result, Merging to envelopes, label, Finish & Merge options</p> <p>Module 9: Sharing and Maintaining Document: Word Options and Proofing Tools, Templates, Document Access, Protected View</p> <p>Module 10: Proofing the document : Check Spelling, Mark Grammar Errors. Setting AutoCorrect Options</p> <p>Module 11: Printing, Page Setup, Setting margins, Print Preview, Print</p>	12
3	MS EXCEL	<p>Module 12: Introduction: Rows and columns, Naming Cells, Working with workbook and sheets.</p> <p>Module 13:Formatting work book: Text Font Size, Font Style, Font Color, Use the Bold, Italic, and Underline, Wrap text, Merge and Centre,</p>	12

		<p>Currency, Accounting and other formats, Modifying Columns, Rows & Cells</p> <p>Module 14: Calculations with Functions: Creating Simple Formulas, Setting up formula, Date and Time Functions, Financial Functions, Logical Functions, Lookup and Reference, Functions Mathematical Functions, Statistical Functions, Text Functions.</p> <p>Module 15: Sort and Filter Data: Sort and filtering data, number filter, Text filter, Custom filtering, Removing filters from columns, Conditional formatting</p> <p>Module 16: Charts: Inserting Column, Pie chart etc. Chart Tools, Design, Format, and Layout options, Adding chart title, Changing layouts, Chart styles, Editing chart data range, Editing data series, Changing chart</p> <p>Module 17: Analyze Data Using PivotTables and Pivot Charts Create a PivotTable , PivotTable and PivotChart , Inserting slicer .</p> <p>Module 18: Protecting and Sharing: Password , Edit ranges, Track changes,</p> <p>Module 19: Macros to Automate Tasks, Creating and Recording Macros,</p> <p>Module 20: Proofing and Printing ,Page setup, Setting print area, Print titles ,Header and Footer, Page Setup, Setting margins, Print Preview, Print</p> <p><i>(At the end of the module students should practically work with the numerical problems arises in Economics)</i></p>	
4	MS POWERPO INT	<p>Module 21: PowerPoint Environment: New, Open, Close, Save, Save As, Alignment and Formatting Text,working with Tabs and Indents</p> <p>Module 22:Creating slides and applying themes, Inserting new slide, Changing layout of slides, Duplicating slides, Copying and pasting slide, Applying themes to the slide layout , Changing theme color, Slide background, Formatting slide background, Using slide views</p> <p>Module 23: Working with bullets and numbering , Multilevel numbering and Bulleting, Creating List, Page bordering, Page background, Aligning text, Text directions, Columns option</p> <p>Module 24: Working with Objects: Shapes, Clipart and Picture, Word Art, Smart Art, Change the Order of Objects, Inserting slide header and footer, Inserting Text boxes, Inserting shapes, using quick styles, Inserting Word</p>	12

		<p>art, Inserting symbols, Inserting Chart</p> <p>Module 25: Hyperlinks and Action Buttons, Inserting Hyperlinks and Action Buttons, Edit Hyperlinks and Action Button, Word Art and Shapes</p> <p>Module 26: Working With Movies and Sound: Inserting Movie From a Computer File, Inserting Audio file, Audio Video playback and format options, Video options, Adjust options, Reshaping and bordering Video</p> <p>Module 27: Using Smart Art and Tables : Working with Tables, Table Formatting, Table Styles, Alignment option, Merge and split option Converting text to smart art</p> <p>Module 28: Animation and Slide Transition, Default Animation, Custom Animation, Modify a Default or Custom Animation, Reorder Animation Using Transitions, Apply a Slide Transition, Modifying a Transition, Advancing to the Next Slide</p> <p>Module 29: Using slide Master: Using slide master, Inserting layout option, Creating custom layout, Inserting place holders, formatting place holders</p> <p>Module 30: Slide show option: Start slide show, Start show from the current slide, Rehearse timing , Creating custom slide show</p> <p>Module 31: Proofing and Printing, Check Spelling As You Type, Setting AutoCorrect Options, Save as video, Save as JPEG files, Save as PowerPoint Show file, Print Preview, Print</p>	
5	INTERNET & E-MAIL	<p>Introduction to Internet , Receiving Incoming Messages, Sending Outgoing Messages, Email addressing, Email attachments, Browsing, Search engines, Text chatting, Job Searching, Downloading video and Music, Uploading Video or Music, Voice chatting, Webcam Chatting etc., Introduction to Blogging, Face book.</p>	6
Total			45

Books and references:

1. **Mastering Ms-Office**, Bittu Kumar, V&S PUBLISHERS
2. Microsoft Office 2021 All-In-One For Dummies New by Weverka, Wiley India

Software:

1. Microsoft Office software
2. Open Office software
3. Adobe Photos

Course: Rural Industrialisation and Entrepreneurship

Course Code: MEM23509T

Total sessions: 60

Total Credit: 04(three)

L-T-P: 4-0-0

Course Objectives:

1. To learn the concept of rural industrialization and importance in rural development
2. To understand the basics rural entrepreneurship and the problems and prospects of rural entrepreneurship
3. To learn the plan and policies developed by Indian government for the development of rural industrialization
4. To learn the strategic development of rural market, their channels and operational difficulties

Course Outcomes:

- CO1. **Understand** the concepts about the Indian approaches to rural industrialization.
- CO2. **Apply** the knowledge in entrepreneurial activities
- CO3. **Analyse** marketing strategy and information system for rural industries.
- CO4. **Appraise** the role of rural industries in rural development.

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Unit	Content	Hours
1	Rural Industries in India. The Concept of Rural Industry – Need for Rural Industries, The role of State in Rural Industrialization – Industrial Policies; Gandhian Approach to Rural Industrialization; Appropriate Technology for Rural Industries ; Policies relating to small and Village Industries - Khadi and Village Industries Commission The New Small Enterprise Policy, 1991 – Small Scale Industries – Handloom, Agro based Industries, Rural Artisans, Handicrafts and Sericulture.	15
2	Location of Industries Theories of Location-Weber’s theory and Sargant Florence’s Theories of Industrial Location – Agglomeration – Backwash and Spread Effects, Factors	15

	influencing the location of industries-Geographical and Non-geographical factors.	
3	Problems of Rural Industries: Marketing Problems- Marketing Strategy and Information System for Rural Industries: Marketing Channels; Problems of rural credit, infrastructure and skill enhancement; Exhibitions; Growth Centre Strategy: Advantages of the Strategy; Operational Difficulties: Rural Industries and Industrial Estates; Rural Industrial promotion: Exports Possibilities.	15
4	Entrepreneurship: Concept, Characteristics and Types of Entrepreneurship; Entrepreneurship and Rural Industrialisation; Development of Rural Entrepreneurship in India; Factors promoting entrepreneurship; Theories of Entrepreneurship; Problems and Prospects of Rural Entrepreneurship in India; Problems and prospects of Women Entrepreneurship; Entrepreneurship & Innovation.	15

Text Book:

- 1. Sing Katar(2009). “Rural Development: Principles, Policies and Management,(3rd Edition), Sage Publication India Pvt Ltd.**
2. Mazumder D.& M. Bhattacharjee.(2021) “*An Introduction to Rural Development*”,(5th Edition), ABS Publishing house.
3. Mondal, Sagar.& G. L. Roy. (2012) “*Textbook on Rural Development, Entrepreneurship and Communication Skills*”(3rd Edition) ,Kalyani Publications.

Reference Books:

1. S.S. Khanka,(2001). ‘*Entrepreneurial Development*’, S. Chand and Company Limited, New Delhi.
2. Desai, Vasant. (2015) “*Small Scale Industries and Entrepreneurship*”,(1st Edition) Himalaya Publishing House, India.
3. Govt. of India Report on Rural Development- https://dmeo.gov.in/sites/default/files/2021-07/5_Sector_Report_Rural_Development.pdf
4. Tutuba, Nicholas & Tundui, Hawa. (2022). Entrepreneurship and Industrialization for Rural Development: Business Incubation Approach. International Journal of Economics, Business and Management Research. 6. 8-25. 10.51505/IJEBMR.2022.6102.

5. Msamula, J., Vanhaverbeke, W. & Tutuba, N. (2018). Influence of institutions on value creation activities of micro and small enterprises in rural Tanzania. *Afrika Focus*. 31(1), 187-211
6. Mwasalwiba, E. S. (2010). Entrepreneurship education: a review of its objectives, teaching methods, and impact indicators. *Education + Training*. 52, 20-47.
7. Mwasalwiba, E., Dahles, H. & Wakkee, I. (2012). Graduate Entrepreneurship in Tanzania: Contextual Enablers and Hindrances. *European Journal of Scientific Research*. 76(3), 386-402

Course: Research Methodology for Applied Economics

Course Code: MEM23510T

Total Sessions: 60

Total Credit: 04 (three)

L-T-P: 4-0-0

Course Objectives

1. To equip the students with different methods and approaches of research.
2. To enhance the research and interpretation skills of the students for further study.
3. To create learners with strong analytical and technical research base.

Course Outcome

- CO1. **Understand** various research techniques and methods according to the need of the project work.
- CO2. **Apply** the concepts for solving the research problems and present it scientifically.
- CO3. **Analyse** various required information by using different research methods.
- CO4. **Interpret** statistical inferences about the problems faced in socio-economic decision making.

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Unit No	Contents	No. of hours
1	<p>Introduction To Research:</p> <p>Meaning, definition and nature of research; Stages of research process; Research Problem- Defining and formulating the research problem, Literature review ; Types of research-Quantitative and Qualitative Research</p>	10
2	<p>Types of Research Design and its Applicability:</p> <p>Types of research design; Similarities and dissimilarities among the methods; Exploratory research design- Focus group-characteristics of traditional and</p>	15

	online focus groups; Projective techniques for data collection; Descriptive research design- types of survey and observation methods, Concept of Causal research.	
3	Sampling and Testing of Hypothesis : Census and Sampling, Probability and Non probability Sampling techniques; Testing of Hypothesis- Meaning of Hypothesis, Types of Hypothesis or research questions, Formulation and testing, Statistical Testing of Hypothesis and probability values; Interpretation of Correlation, Regression, Decision tree, ANOVA	15
4	Questionnaire and Scale of Measurement: Designing Questionnaires for research; Types of Questions Scales of Measurement- nominal, ordinal, interval and ratio scales; Attitude measurement-Semantic differential scale and Likert scale, Concept of reliability.	10
5	Research Report Preparation: Writing a synopsis; Research Reports - Meaning and importance, structure of a research report, Research report presentation and preparation	10

Text Book:

1. Dr C R Kothari, Dr. G. Garg.(2019).*Research Methodology*, (4th Edition),New Age International Publishers
2. Malhotra, N. K.&S Dash.(2020) *Marketing Research –An Applied Orientation*,(7th Edition), Pearson Publications

Reference Books:

1. Nargunkar, R. (2017), *Marketing Research –Text and Cases*, (3rd Edition) Tata McGraw Hill
2. Beri, G.C. (2013), *Marketing Research*, (5th Edition) Tata McGraw Hill Publications