

Ananda Mohan College
Affiliated to Calcutta University
Nationally Accredited (2nd Cycle) with B+ grade by NAAC
102/1, Raja Rammohan Sarani, Kolkata – 700009



Department of Economics
PO, PSO and CO of B.Sc. Economics(honours)

PROGRAMME OUTCOME

- Apply the theory and methods of the ‘standard’ approaches in both micro and macro economics given a variety of social and economic issues.
- Have a capacity for critical thinking and its role in challenging the ‘standard’ approach to economic problems.
- Demonstrate well-developed written and verbal communication skills.
- Demonstrate competency in a variety of qualitative and quantitative methods that will become part of their problem-solving toolkit
- Present economic arguments in non-quantitative form.
- Synthesize the arguments found in both academic and popular economic media.
- Discuss economic concepts in an articulate manner in a classroom.

PROGRAMME SPECIFIC OUTCOME

- Explain the function of market and prices as allocative mechanisms.
- Apply the concept of equilibrium to both microeconomics and macroeconomics.
- Identify key macroeconomic indicators and measures of economic change, growth, and development.
- Identify and discuss the key concepts underlying comparative advantage.
- Identify and explain major types of market failures.
- Discuss the application of marginal analysis.
- Explain the use of benefit/cost analysis.
- Explain the contribution of economics to the analysis of non-market social issues.
- Assess the role of domestic and international institutions and norms in shaping economies.
- Distinguish between normative and positive economics.
- Identify the limits of economic analysis.
- Compare and contrast efficiency and equity.
- Present an economic argument in quantitative terms.
- Demonstrate ability to solve systems of equations.
- Be able to conduct economic analysis using equations and graphs.
- Demonstrate the ability to collect, process, and interpret data, including statistical inference.
- Recognize how to use scientific method in economics.
- Formulate empirically testable hypotheses.
- Construct a dataset of economic variables.
- Calculate, present, and discuss descriptive statistics.
- Conduct regression analysis.
- Critically assess the statistical analysis of other researchers.
- Access, download, and use electronic databases.
- Use standard software packages.
- Present viewpoints and alternative hypotheses on economic issues.
- Recognize underlying assumptions in economic models.
- Demonstrate ability to use the economic tools of analysis.

Course Outcome (CO) [honours course]

| Type of Course | Name of the Course | |
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| Semester-I (July to December) | | |
| Economics Core Course-I (ECO-A-CC-1-1-TH-TU) | Introductory Microeconomics | <input type="checkbox"/> Help to understand the basic concepts in Microeconomics <input type="checkbox"/> Learn to solve macroeconomic problems through a microscopic approach. <input type="checkbox"/> Define consumer behavior and consumer Equilibrium |

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| | | <ul style="list-style-type: none"> <input type="checkbox"/> Analyze the consequences of the government setting a binding price ceiling And a binding price floor. <input type="checkbox"/> Explain the price elasticities of demand and supply. |
| Economics Core Course–II (ECO-A-CC-1-2-TH-TU) | Mathematical Methods for Economics-I | <ul style="list-style-type: none"> <input type="checkbox"/> Explains the mathematical concepts used as tools in explanation of basic concepts of microeconomics. <input type="checkbox"/> Elucidates problems of microeconomic theory using mathematical methods. |
| Semester–II (January to June) | | |
| Economics Core Course–III (ECO-A-CC-2-3-TH-TU) | Introductory Macroeconomics | <ul style="list-style-type: none"> <input type="checkbox"/> Explains the basic concepts used in Macroeconomics <input type="checkbox"/> Helps students to identify the working of an economy <input type="checkbox"/> Provides theoretical framework about working of an economy <input type="checkbox"/> Explains National Income Accounting, methods of Income calculation and the problems involved. <input type="checkbox"/> Deals with the policies formulated for controlling the economy <input type="checkbox"/> Enters into Classical and Keynesian structure of determination of income, output and money. |
| Economics Core Course–IV (ECO-A-CC-2-4-TH-TU) | Mathematical Methods for Economics-II | <ul style="list-style-type: none"> <input type="checkbox"/> Explains the mathematical concepts used as tools in explanation of basic concepts of microeconomics and macroeconomics. <input type="checkbox"/> •Elucidates problems of microeconomics and macroeconomics using mathematical methods. |
| Semester–III (July to December) | | |
| Economics Core Course–V (ECO-A-CC-3-5-TH-TU) | Intermediate Microeconomics-I | <ul style="list-style-type: none"> <input type="checkbox"/> Explain various market structures and identify the markets in our locality <input type="checkbox"/> Describe various theories regarding factors of production and factors affecting the rising costs <input type="checkbox"/> Understand the concepts in Welfare Economics such that the welfare can be maximized. <input type="checkbox"/> Explain the basics of linear programming to solve the problems related with optimizing output, minimizing cost, maximizing profit etc. |
| Economics Core Course–VI (ECO-A-CC-3-6-TH-TU) | Intermediate Macroeconomics-I | <ul style="list-style-type: none"> <input type="checkbox"/> Explaining the various macroeconomic policies such as fiscal policies, monetary policies and income policies. <input type="checkbox"/> Help to understand the problems of inflation and measure to overcome it. <input type="checkbox"/> Solve out the issues of deflation and depression in an economy |

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| | | <ul style="list-style-type: none"> <input type="checkbox"/> Understanding the concepts and theories of trade cycle. <input type="checkbox"/> Highlighting the concepts of consumption and investments to study the demand in the economy. |
| Economics Core Course–VII (ECO-A-CC-3-7-TH-TU) | Statistics for Economics | <ul style="list-style-type: none"> <input type="checkbox"/> Explains statistical concepts used in economic analysis. <input type="checkbox"/> Familiarizes students with statistical methods and tools used in analysis of concrete economic problems. |
| Skill Enhancement Course-I (A Group) (ECO-A-SEC-3-1A-TH) | Data Analysis [Theory]/ Rural Development [Theory] [A-Group of SEC consists of two courses. Students will have to select <i>any one</i> of the two] | <p>Data Analysis:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Familiarize the students with statistical tools and techniques and enable them to apply these tools in economics <input type="checkbox"/> Distinguish correlation and regression and enable students to use these concepts in establishing relations <p>Rural Development:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Familiarize students with policy issues that are relevant to India and agricultural economics and enable them to analyze these issues, using economic concepts. <input type="checkbox"/> Describe the nature and scope of Agricultural Economics <input type="checkbox"/> Make the present generation aware about <input type="checkbox"/> Explain various models of agricultural development <input type="checkbox"/> Identify the sources and features of agricultural credit <input type="checkbox"/> To enable students to address the issues of agricultural marketing in India <input type="checkbox"/> Identify the objectives of Agricultural Price Policy |
| Semester-IV (January to June) | | |
| Economics Core Course –VIII (ECO-A-CC-4-8-TH-TU) | Intermediate Microeconomics-II | <ul style="list-style-type: none"> <input type="checkbox"/> Helps to understand the advanced concepts in Micro economics <input type="checkbox"/> Learn to solve macroeconomic problems through a microscopic approach. |
| Economics Core Course –IX (ECO-A-CC-4-9-TH-TU) | Intermediate Macroeconomics-II | <ul style="list-style-type: none"> <input type="checkbox"/> Explains the concepts used in Macroeconomics <input type="checkbox"/> Familiarizes with various schools of thought in Macroeconomics other than the mainstream. |
| Economics Core Course –X (ECO-A-CC-4-10-TH-TU) | Introductory Econometrics | <ul style="list-style-type: none"> <input type="checkbox"/> Familiarize the students with statistical tools and techniques and enable them to apply these tools in economics <input type="checkbox"/> Distinguish correlation and regression and enable students to use these concepts in establishing relations <input type="checkbox"/> Explaining the construction of Index numbers |

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| | | <ul style="list-style-type: none"> <input type="checkbox"/> Identify the problems in the construction of index numbers <input type="checkbox"/> Describe the theory <input type="checkbox"/> Explain the approaches to the definition of probability |
| Skill Enhancement Course-II (B Group) (ECO-A-SEC-4-2B-TH) | Research Methodology [Theory]/Managerial Economics [Theory] [B-Group of SEC consists of two courses. Students will have to select any one of the two] | <p>Research Methodology</p> <ul style="list-style-type: none"> <input type="checkbox"/> Learns about methodological issues in empirical and theoretical research <input type="checkbox"/> Learns the nuances of academic research work. <p>Managerial Economics</p> <ul style="list-style-type: none"> <input type="checkbox"/> Explain the concept of demand, cost and profit analysis <input type="checkbox"/> Learn the theories of capital budgeting, cost of capital <input type="checkbox"/> The methodology involved in the inventory management. |
| Semester-V (July to December) | | |
| Economics Core Course-XI (ECO-A-CC-5-11-TH-TU) | International Economics [Theory plus Tutorial] | <ul style="list-style-type: none"> <input type="checkbox"/> Understanding the basic concepts and theories of international trade and enable the students to have a basic understanding of the emerging trends, issues and policies in the field of international Economics system. <input type="checkbox"/> Analysing the basic concepts and theories of international trade <input type="checkbox"/> Explaining mercantilism, physiocrats and other approaches to trade. <input type="checkbox"/> Make the students aware about concepts of exports, imports and balance of payments <input type="checkbox"/> Learn the process of exchange rate determination <input type="checkbox"/> Identifying the various international institutions such as IMF and the ways adopted by them to maintain international liquidity management <input type="checkbox"/> Understanding the approaches of free trade and protection. |
| Economics Core Course-XII (ECO-A-CC-5-12-TH-TU) | Indian Economy [Theory plus Tutorial based Term Paper] | <ul style="list-style-type: none"> <input type="checkbox"/> Introducing the features of Indian Economy <input type="checkbox"/> Explain development of Indian Economy since Independence. <input type="checkbox"/> Identify the various sectors of Indian economy - issues and prospects <input type="checkbox"/> Analyse Planning Programmes of the Indian Economy <input type="checkbox"/> Appraise current issues and problems of Indian economy. <input type="checkbox"/> Agricultural Issues and its solution in the perspective of Indian Economy <input type="checkbox"/> Student is introduced to academic paper writing by preparation of term paper |

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| <p>Two Discipline Specific Elective (DSE) Courses: DSE-A and DSE-B In Semester V these two courses are denoted as DSE-A(1) and DSE-B(1) One out of two courses from : DSE-A(1) One out of two courses from: DSE-B(1) (ECO-A-DSE-5-A(1)-TH-TU/P) and (ECO-A-DSE-5-B(1)-TH-TU)</p> | <p>DSE-A(1) consists of two courses out of which students will have to select <i>any one</i> and DSE-B(1) consists of two courses out of which students have to select <i>any one</i>. <u>The two courses under DSE-A(1) are: Applied Econometrics (AE): Economic History of India (1857-1947) (EHI) [Students will have to select any one]</u> <u>The two courses under DSE-B(1) are: Comparative Economic Development (1850-1947) (EHI) [Students will have to select any one]</u></p> | <p>Applied Econometrics (AE)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Familiarize the students with statistical tools and techniques and enable them to apply these tools in economics <p>Economic History of India (1857-1947) (EHI)</p> <ul style="list-style-type: none"> <input type="checkbox"/> A comprehensive idea is given about economy under colonial rule though analysis and understanding of Pre-independence Indian economy . <p>Comparative Economic Development</p> <ul style="list-style-type: none"> <input type="checkbox"/> Comparative economic development course introduces student of development experiences of representative countries around the globe, <input type="checkbox"/> Better understanding of development process as both success and failures are analysed with reasoning. <p>Financial Economics</p> <ul style="list-style-type: none"> <input type="checkbox"/> Familiarize the students with various concepts in finance and theories of investment and enable them to apply these tools in economics <input type="checkbox"/> Introduces portfolio analysis and CAPM <input type="checkbox"/> Provides idea about contracts , option and derivatives <input type="checkbox"/> Provides idea about corporate finance |
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Semester –VI (January to June)

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| <p>Economics Core Course – XIII (ECO-A-CC-6-13-TH-TU)</p> | <p>Public Economics</p> | <ul style="list-style-type: none"> <input type="checkbox"/> Provide basic information to students on the scope of Public Economics <input type="checkbox"/> Understanding the significance of Government and its functions. <input type="checkbox"/> Deals with Governmental finance and its economic impacts. <input type="checkbox"/> Understanding the mechanism of framing a budget. <input type="checkbox"/> Insight into budgeting process with special reference to India <input type="checkbox"/> Identifying the externalities in the economy. <input type="checkbox"/> Identify the tax structure in India <input type="checkbox"/> Evaluate the concept of fiscal federalism |
| <p>Economics Core Course – XIV (ECO-A-CC-6-14-TH-TU)</p> | <p>Development Economics</p> | <ul style="list-style-type: none"> <input type="checkbox"/> Understand the basic concepts of Development and Growth <input type="checkbox"/> Analyse various tools for measuring growth and development <input type="checkbox"/> Explain various theories of economic growth and development <input type="checkbox"/> Explain issues and challenges on economic development |

Two Discipline Specific Elective (DSE) Courses: DSE-A and DSE-B
 In Semester VI these two courses are denoted as DSE-A(2) and DSE-B(2)
 One out of two courses from: DSE-A(2)
 One out of two courses from: DSE-B(2)
 (ECO-A-DSE-6-A(2)-TH-TU/P) and
 (ECO-A-DSE-6-B(2)-TH-TU)

DSE-A(2) consist of two courses out of which students will have to select any one and DSE-B(2) consist of two courses out of which students have to select any one.
The two courses under DSE-A(2) are
Money and Financial Markets (MFM)
Issues in Indian Economy (IIE)
[Students will have to select any one]
The two courses under DSE-B(2) are
Environmental Economics (EE)
Issues in Development Economics (IDE)
[Students will have to select any one]

Money and Financial Markets (MFM)

- Helps students learn the broad features of Indian financial institutions with its apex banks objectives and purview.
- Understand the instruments to control credit in the country.
- Effectively narrate the kinds and components of money with its regulatory system
- Identify the existence and development of non-banking financial institutions, know the important role of Mutual funds, LIC, investment companies etc., utilize and effectively participate in the development process.
- Understand the conditions of financial markets and its impact in the economy.

Issues in Indian Economy (IIE)

- Analyse growth and structural change of the Indian Economy
- Appraise current issues and problems of Indian economy.
- Agricultural Issues and its solution in the perspective of Indian Economy
- Appraise current issues and problems of Indian industry and performance.
- Appraise current issues and problems and performance of the service sector of Indian economy.

Environmental Economics (EE)

- Understanding of how environmental issues affect the economy
- Introduces and explains environmental policy
- Analyses international environmental problems.

Issues in Development Economics (IDE)

- Learns about linkages between demography and development
- Learns about various factor-markets and their inter-linkage
- Learns about Microcredit
- Learns about sustainable development
- Learns about globalization