

# Semester III (2022-2024)

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COURSE CODE	CATEGORY	COURSE NAME	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	L	т	P	CREBITS
MAECO302	cc	Economics of Development and Growth	60	20	20	0	0	3	0	0	3

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit.

\*Teacher Assessment shall be based on following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

## Course Educational Objectives:

CEO1: To provide the knowledge about the basic terms of growth and development.

CEO2: To enable students to understand various theories of growth.

CEO3: To help students in identifying various approaches to economic growth.

CEO4: To relate human resources with economic development. CEO5: To summarize various theories of economic development.

### Course Outcomes:

#### Students will be able to:

CO1: Define basic concepts related to growth and development.

CO2: Comprehend various theories of growth.

CO3: Demonstrate the approaches to economic growth.

CO4: Link human resources with economic development.

CO5: Discuss various theories of economic development.

#### Contents

#### UNIT 1: Economic Growth and Development

Economic Development and Sustainable Development: Meaning, Characteristics, Factors affecting Them: Capital, Labor, and Technology.

#### UNIT II: Classical Theories of Growth

Classical Growth Models: Adam Smith, Ricardo; Rostow's Stages of Economic Growth.

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COURSE CODE	CATEGORY	COURSE NAME	END SEM University Exam	Two Term Exam	Trachers Assessment*	END SEM University Exam	Teachers Assessment*	ι	Ť	P	CREBITS
MAECO302	cc	Economic Development and Planning	60	20	20	0	0	3	0	0	3

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit.

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#### UNIT III: Approaches of Economic Growth

Harrod-Domar Model, Joan Robinson's Growth Model, Golden Rule of Accumulation

#### UNIT IV: Human Resource and Economic Development

Concept of Intellectual Capital and Human Resource Development; Growth Pattern of Indian Population

#### UNIT V: Theories of Development

Hirschman Model; Nelson's Low Level Equilibrium Trap, Lewis Model

#### Suggested Readings:

- Ghatak, S. (2016). An Introduction to Development Economics. New Delhi: Paperback Publications
- Higgins, Benjamin (1968). Economic Development. New York: W. W. Norton & Company. Inc
- Jhingan, M. L. (2020). The Economics of Development and Planning. New Delhi: Vrinda Publications
- Lekhi, R. K. (2021). The Economics of Development and Planning. Delhi: Kalvani Publishers

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COURSE CODE	CATEGORY	COURSE NAME	END SEM University Exam	Twe Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	L	т	•	CREDITS
MAECO303	cc	Research Methodology	60	20	20	0	0	3	0	0	3

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit.

Class, given that no component shall exceed more than 10 marks.

## Course Educational Objectives:

CEO1: To make the students understand fundamentals of research.

CEO2: To develop a basic understanding of hypothesis and research design.

CEO3: To explain various methods of data collection.

CEO4: To discuss different sampling techniques with the students.

CEO5: To understand the art of report writing in research.

#### Course Outcomes:

Students shall be able to:

CO1: Formulate a research problem

CO2: Recognize the methods of research design.

CO3: Collect data through different sources.

CO4: Interpret different methods of sampling techniques.

CO5: Construct a research report.

#### Contents

#### UNIT I: Introduction to Research

Meaning of Research, Steps in Formulating a Research Problem, Scales of Measurement: Nominal, Ordinal, Interval, and Ratio, Data Types: Time Series Data, Cross-Sectional Data, Panel and Pooled Data

## UNIT H: Hypothesis and Research Design

Hypothesis: Concept and Functions, Research Design, Functions of a Research Design, Quantitative and Qualitative Research: Concepts, Features of a Good Design

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<sup>\*</sup>Teacher Assessment shall be based on following components: Quiz/Assignment/ Project/Participation in



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COURSE CODE CATEGORY		TEACHING &EVALUATION SCHEME									
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	COURSE NAME	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	L	т	P	CREDITS	
MAECO303	cc	Research Methodology	60	20	20	0	0	3	0	0	3

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit.

#### UNIT III: Data Collection

Primary & Secondary Data, Methods of Data Collection: The Observation Method, the Interview Method, the Questionnaire, and the Schedule

### UNIT IV: Sampling Techniques

Sampling: Concept, Types: Random (Specific Random, Cluster) and Non-Random (Quota, Accidental, Judgmental, Expert and Snowball) Sampling

### UNIT V: Research Report

Writing a Research Report, Developing an Outline, Structure of a Research Report, Ethical Issues in Research Writing

#### Suggested Readings

- Ranjit Kumar (2020), Research Methodology, SAGE Publication, New Delhi.
- Kothari C. R. (2021), Research Methodology Methods and Techniques, New Age International, New Delhi.

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## M.A. Economics Semester III (2022-2024)

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COURSE CODE	CATEGORY	COURSE NAME	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	L	т	P	CREDITS
MAECO304E1	DSE	Economics of Industry I	60	20	20	0	0	3	0	0	3

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit,

### Course Educational Objectives:

CEO1: To give students an overview of industrialization.

CEO2: To discuss the concept and organization of the firm.

CEO3: To help students in understanding the classifications of the industry.

CEO4: To explain the market and its structures.

CEO5: To make students appraise industrial production and productivity.

#### Course Outcomes:

Students shall be able to:

CO1: Develop an overview of industrialization.

CO2: Distinguish between concept and organization of the firm.

CO3: Hold a discussion on the classifications of the industry.

CO4: Analyze the market and its structures.

CO5: Elaborate industrial production and productivity.

#### Contents

## UNIT I: Meaning of Industrialization and Industrial Development

Meaning, Rational, Pattern and Impact of Industrialization, Factors favoring and Hampering Rapid Industrial Development of India, New Industrial Policy in India

## UNIT II: Concept and Organization of a Firm

Concept and Organization of a Firm, Business Classification of Firm on the basis of, its Activities, Sector, and Ownership Structure (Public, Private, Joint and Cooperative Sectors)

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## M.A. Economics Semester III (2022-2024)

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COURSE CODE	CATEGORY	COURSE NAME	END SEM University Exem	Twe Term Exam	Trackers Assessment*	END SEM University Exam	Teachers Assessment*	ь	т	P	CREDITS
MAECO304E1	DSE	Economics of Industry I	60	20	20	0	0	3	0	0	3

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit.

### UNIT III: Classification of Industries

Size and Use Base Classification of Indian Industry, Objectives of the Firm, Sellers Concentration; Product Differentiation; Entry Conditions

#### UNIT IV: Market and its Structures

Market and its Structure, Extent of Market Concentration, Industrial Combination and its Impact on Efficiency of the Firm and Economic Power, Industrial Sickness

## UNIT V: Industrial Production and Productivity

Size and Growth of the Firm; Growth and Profitability of the Firm, Constraints of the Growth, Concept & Measurement of Productivity, Productivity Trends in Indian Industry

### Suggested Readings:

- Kumar, R. (2021), Economics of Inclustries, New Delhi; SAGE Publication.
- Chawla, D., and Sondhi, N. (2020), Industries and Development Concept and Cases, Noida; Vikas Publishing House Pvt. Limited.
- 3. Johnson, J. W. (2018) Industrial Economics, New Delhi; SAGE Publication.

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## M.A. Economics Semester III (2022-2024)

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COURSE CODE	CATEGORY	COURSE NAME	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	LT	т	P	CREDITS
MAECO304E2	DSE	Entrepreneurship	60	20	20	0	0	3	0	0	3

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit.

\*Teacher Assessment shall be based on following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

## Course Educational Objectives:

CEO1: To explain the basic concepts of entrepreneurship.

CEO2: To inculcate achievement and motivation related to entrepreneurship among students.

CEO3: To help students in creating a project report.

CEO4: To help students in classification of different structures of a business organization.

CEO5: To assess the basics of production management.

#### Course Outcomes:

Students shall be able to:

CO1: Understand the basic concepts of entrepreneurship.

CO2: Improve their achievement and motivation skills.

CO3: Prepare and produce a project report.

CO4: Classify different structures of a business organization.

CO5: Evaluate the process of production management.

#### Contents

## UNIT I: Concept of Entrepreneurship

Entrepreneurship: Definition, Characteristics and Importance of Entrepreneurship, Functions of Entrepreneur, Qualities of a Good Entrepreneur

#### UNIT II: Achievement Motivation

Meaning and Definition of Achievement; Sequence of the Business Plan; Leadership: Meaning and Definition of Leadership; Functions of Leadership

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COURSE CODE	CATEGORY	COURSE NAME	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	L	т	P	CREDITS
MAECO304E2	DSE	Entrepreneurship	60	20	20	0	0	3	0	0	3

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit.

Class, given that no component shall exceed more than 10 marks.

## UNIT III: Project Report

Characteristics and Objectives of Project Report, Project Appraisal: Various Aspects of Project Appraisal, Characteristics, and Importance of Project Report

## **UNIT IV: Organization**

Definition of Business Organization; Format of Business Organization, Merits and Demerits of Sole Proprietorship; Partnership Business: Characteristics

## UNIT V: Production Management

Scope, Functions and Advantages of Production Management, Methods of Purchasing, Inventory Management: Techniques of Inventory Management

## Suggested Readings

- Akhouri, M. and Mishra S. P. (2020) Udyamita (in Hindi), National Institute for Entrepreneurship and Small Business Development (NIESBUD); Okhla; NSIC-PATC Campus.
- Desai, V (2019). Small scale Industries and Entrepreneurship, Mumbai; Himalaya Publishing House.
- Bhargava, A. (2021). Everyday Entrepreneurs The harbingers of Prosperity and creators of Jobs; New Delhi; S. Chand (G/L) & Company Ltd.

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COURSE CODE	CATEGORY	COURSE NAME	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	L	тр	CREDITS		
MAECO304E3	DSE	Mathematical Economics II	60	20	20	0	0	3	0	0	3	

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit.

## Course Educational Objectives:

CEO1: To provide an understanding of integral calculus.

CEO2: To make students apply the concepts of differential calculus in economics.

CEO3: To describe the mathematics of production and input-output method.

CEO4: To help students in identifying the problems of linear programming.

CEO5: To outline the use game theory in economic theories for the students.

#### Course Outcomes:

Students shall be able to:

CO1: Estimate economic problems using integration.

CO2: Analyze the applications of differentiation.

CO3: Develop a basic understanding of input-output methods.

CO4: Compare different types of problems in linear programming.

CO5: Demonstrate the use of game theory in economic theories.

## Syllabus:

UNIT I: Integral Calculus

Meaning- Concept of Integration, Process of Integration; Rules of Integration; Integration of Higher Order; Definite Integral and its Application in Economies

UNIT II: Further Applications of Derivatives in Economics

A Revision of Differential Calculus, Application in Cobweb Model, Harod-Domar Model, Dynamic Multiplier, Relation between AR, MR and Elasticity

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## M.A. Economies Semester III (2022-2024)

			TEACHING & EVALUATION SCHEME									
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COURSE CODE	CATEGORY	COURSE NAME	END SEM University Exam	Two Term Exam	Teachers	END SEM University Exam	Teachers Assessment*	L	т	P	CREDITS	
MAECO304E3	DSE	Mathematical Economics II	60	20	20	0	0	3	0	0	3	

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit.

\*Teacher Assessment shall be based on following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

UNIT III: Mathematics of Production

Meaning of Input Output Model and its Assumptions; Application of Input-Output Model: Leontief's Model of Input-Output, Data Envelopment Analysis

UNIT IV: Linear Programming

General Formulation of Maximization and Minimization Problem, Graphical and

Simplex Method and Interpretation of Results

UNIT V: Game Theory

Basic Concepts of Game Theory; Classification and Description of Games,

Types of Solution to Two Person Zero Sum Game

#### Reference Books:

- 1. A.C. Chaing (2020). Fundamental Methods of Mathematical Economics (II Ed.)
  - 2. Mehta, M., and Madnani, R., (2021) Mathematics for Economists
  - 3. Allen, R.G.D. (1965). Mathematical Analysis for Economics Analysis
  - 4. G. S. Moonga (2020): Mathematics and Statistics for Economists- Vikas Publications

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COURSE CODE	CATEGORY	COURSE NAME	END SEN University Exam	Twe Term Evan	Teachers Assessment*	END SEM University Exam	Tenchers Assessment*	L	т	P	CREDITS
MAECO305	P/D/I	Major Research Project I	0	0	0	30	20	0	0	4	2

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit.

### Course Educational Objectives:

CEO1: This paper has an objective to provide motivation for the students to choose a topic for critical analysis.

CEO2: To enable students to manage resources, work under deadlines, identify and carry out specific goal-oriented tasks.

CEO3: To enable students to develop a Research proposal.

#### Course Outcomes:

CO1: The student should be able to acquire analytical skills and capabilities to take up the project work.

CO2: To develop a thought process to identify the existing gaps in the society

#### Submission and marking Guidelines

At the end of III semester the student will submit a synopsis of his project on the following guidelines:

 The students will submit the synopsis of the proposed research and a duly constituted Committee will take the decision regarding the relevance and authenticity of MRP and allowing a student to opt for it.

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COURSE CODE	CATEGORY	COURSE NAME	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Tracters Assessment*	L	т	P	CREDITS
MAECO306	cv	Comprehensive Viva Voce	0	0	0	50	0	0	0	0	3

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit.

## Course Educational Objectives:

CEOI: To provide an opportunity for students to apply theoretical concepts in real life situations

CEO2: To enable students to manage resources, work under deadlines, identify and carry out specific goal-oriented tasks.

#### Course Outcome:

CO1: The student should be able to acquire speaking skills and capabilities to demonstrate the subject knowledge

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