

**DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,  
AURANGABAD.**



**Circular /Acad Sec./Curriculum-12(7)/HF/CBCS-BA-II Yr/ 01/2023.**

It is hereby inform to all concerned that, on the recommendation of Dean, Faculty of Humanities; **the Hon'ble Vice-Chancellor has accepted the following subject wise Curriculum of Choice Based Credit & Grading System** under the faculty of Humanities in his emergency powers under Section 12 [7] of the Maharashtra Public University Act, 2016 on behalf of the Academic Council.

Sr. No.	UG Subject wise Curriculum	Semesters
01.	B. A./B.Com/ B.Sc./BFA/BSW Second Language & Optional Second Year [Marathi]	IIIrd & IVth
02.	B. A./B.Com/ B.Sc./BFA/BSW Second Language & Optional Second Year [Hindi]	IIIrd & Ivth
03.	B. A./B.Com/ B.Sc./BFA/BSW Second Language & Optional Second Year [Urdu]	IIIrd & Ivth
04.	B.A./ B.Com/ B.Sc. Second Language & Optional Second Year [Sanskrit]	IIIrd & Ivth
05.	B. A. Second Year [Political Science]	IIIrd & Ivth
06.	<b>B. A. Second Year with Model College [Economics]</b>	<b>IIIrd &amp; Ivth</b>
07.	B. A. Second Year [History]	IIIrd & Ivth
08.	B. A. Second Year for Model College [Sociology]	IIIrd & Ivth
09.	B. A. Second Year [Public Administration]	IIIrd & Ivth
10.	B. A. Second Year [Military Science]	IIIrd & Ivth
11.	B. A. Second Year [Philosophy]	IIIrd & Ivth
12.	B.A./ B.Com/ B.Sc. Second Year Optional [National Cadet Corps (NCC)]	IIIrd & Ivth

**This is effective from the Academic Year 2023-24 and Onwards as per appended herewith.**

All concerned are requested to note the contents of this circular and bring notice to the students, teachers and staff for their information and necessary action.

University campus,  
Aurangabad-431 004.  
Ref. No. SU/Col. /UG/CBCS/ B.A.  
II Yr/FH/ 2023/ 3681-91

Date: 03.07.2023.

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**Deputy Registrar,  
Academic.**

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**Copy forwarded with compliments to:-**

- 1] **The Principal, all affiliated colleges,**  
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- 2] **The Principal, Model college,**  
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- 3] **The Director, University Network & Information Centre, UNIC,**  
with **a request to upload this Circular on University Website.**

**Copy to :-**

- 1] **The Director, Board of Examinations & Evaluation,**
- 2] **The Section Officer, [B.A.,B.Com, B.Sc. Unit] Exam. Branch,**
- 3] **The Section Officer, [Eligibility Unit],**
- 4] **The Programmer [Computer Unit-1] Examinations,**
- 5] **The Programmer [ Computer Unit-2] Examinations,**
- 6] **The In-charge, [E-Suvidha Kendra],**
- 7] **The Public Relation Officer,**
- 8] **The Record Keeper,**  
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

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DrK\*030723/-

**DR. BABASAHEB AMBEDKAR  
MARATHWADA UNIVERSITY,  
AURANGABAD.**



Curriculum of  
**B. A. Second Year with Model College**  
**[Economics]**

**Semester-III & IV**

**‘under Choice Based Credit & Grading System Pattern’  
Implemented at College  
Level**

**[ Effective from the Academic Year 2023-24 & Onwards]**

**Dr. Babasaheb Ambedkar Marathwada University  
Aurangabad.**

**Choice Based Credit System (CBCS) Course Structure**

**Faculty of Humanities**

**B.A. Second Year Syllabus**

**Semester Pattern Effective from 2023-24**

**Subject: Economics**

Semester	Course Code	Title of Course	Course Type	Periods per week	Total No. of Periods	Marks of Theory	Marks of Internal Assessment	Total Marks	Credits of Theory	Credits of Internal Assessments	Total Credits
III	CC-1E	Public Finance	Core Course	4	60	40	10	50	2.5	0.5	3
	SEC-1A	Financial Institution & Market	Skill Enhancement Course	4	60	40	10	50	2.5	0.5	3
<b>Total (Semester -III)</b>				<b>8</b>	<b>120</b>	<b>80</b>	<b>20</b>	<b>100</b>	<b>5</b>	<b>1</b>	<b>6</b>
IV	CC-1F	Indian Economy	Core Course	4	60	40	10	50	2.5	0.5	3
	SEC-1B	Data Collection and Analysis	Skill Enhancement Course	4	60	40	10	50	2.5	0.5	3
<b>Total (Semester - IV)</b>				<b>8</b>	<b>120</b>	<b>80</b>	<b>20</b>	<b>100</b>	<b>5</b>	<b>1</b>	<b>6</b>
<b>Grand Total (Semester III &amp; IV)</b>				<b>16</b>	<b>240</b>	<b>160</b>	<b>40</b>	<b>200</b>	<b>10</b>	<b>2</b>	<b>12</b>

**Dean**

**Faculty of Humanities,  
Dr. Babasaheb Ambedkar Marathwada  
University, Aurangabad.**

**Dr. Babasaheb Ambedkar Marathwada University Aurangabad**

**CHOICE BASED CREDIT SYSTEM (CBCS)**

**B. A. S. Y. ECONOMICS**

**SEMESTER - III**

**ECO-CC-1E: PUBLIC FINANCE**

Total Marks: 50  
Theory: 40  
Internal Assessment: 10

**OBJECTIVES:**

This paper would be provide understanding about the significance and scope of Public Finance. The main objective of this paper is to provide detailed information to students about the public finance, public revenue, public debt and public expenditure.

**Unit I: Introduction:**

**(Periods- 12)**

- 1.1 Meaning and Scope of Public Finance.
- 1.2 Importance of Public Finance.
- 1.3 Difference Between Public & Private Finance, Public and Private Goods.

**Unit - II: Public Revenue: :( Periods- 18)**

- 2.1 Meaning Public Revenue & Sources of Public Revenue.
- 2.2 Taxation: Meaning of Tax, Characteristics of Taxes, Objectives of Taxation, Canons of Taxation,
- 2.3 Classification of Taxes: Direct and Indirect Tax, Progressive, Proportional, Regressive & Digressive Taxes
- 2.4 Impact, Shifting and Incidence Taxation, Division of Tax burden - The Benefit Theory, Ability to Pay Theory

**Unit - III: Public Expenditure:**

**(Periods- 18)**

- 3.1 Meaning and Classification of Public Expenditure.
- 3.2 Canons of Public Expenditure.
- 3.3 Role of Public Expenditure in Developing Economy,
- 3.4 Effects of Public Expenditure.

**Unit IV: Public Debt:**

**(Periods- 12)**

- 4.1 Concept and Need of Public Debt,
- 4.2 Sources and Effects of Public Debt.
- 4.3 Debt burden and its Management, redemption of Debt.

## **COURSE OUTCOMES:**

On completion of the course students would be able to:

1. Understand the sources of finance both public and private
2. Understand the possible burden, benefits and distribution of various types of taxes among various classes of people, know the general trend and impact on general welfare and arouse them to suggest good and bad tax system.
3. Role of the government in the economy about Public Expenditure
4. Understand the needs of public borrowing from all possible sources to meet necessary public investment/expenditures. Also be alerted to find sources for repayment.

## **Basic Reading List:**

1. Atkinson A .B. and J. E. Stiglitz (1980), Lectures on publicEconomics, Tata McGraw Hill, New York.
2. Buchanan J.M. (1970), The Public Finances, Richard D Irwin Homewood.
3. Jha R. (1998), Modern Public Economics: Routledge London,
4. Musgrave, R.A. (1959), The Theory of Public Finance, McGraw Hill, Kogakusha Tokyo.
5. Musgrave, R.A. and P.B. Musgrave (2011), Public Finance in Theory and Practice,TataMcGraw Hill Education Private Limited , New Delhi,
6. Auerbach, A.J. and M. Feldstren (Eds) (1985), Handbook of Public Economics Vol.-I North Halland,Amsterdam.
7. Goode R. (1986), Government Finance in Developing countries, Tata McGraw Hill, New York.
8. Cutt, J. (1996), Taxation and Economic Development in India, Prager Publishers, New York.
9. Friedman, A. (1986), Welfare Economics and Social Choice Theory, Martins Nijhoft, Bostan.
10. Premchand A. (1966), Control of Public Expenditure in India, Allied publishers, New Delhi.
11. Tyagi B.P., (2014)\_ Public Finance, Jay Prakash Nath & Co., Meerut
12. पाटील जे.एफ.,(2004) सार्वजनिक अर्थकारण, फडके प्रकाशन,

कोल्हापूर

**Dr. Babasaheb Ambedkar Marathwada University**  
**Aurangabad**  
**CHOICE BASED CREDIT SYSTEM (CBCS)**  
**B.A.S.Y. ECONOMICS**  
**SEMESTER – III**  
**ECO- SEC-1A: FINANCIAL INSTITUTIONS AND MARKET**

Total Marks: 50  
Theory: 40  
Internal Assessment : 10

**OBJECTIVES:**

1. To understand Principles of Modern Financial System.
2. To understand the recent trends and development in banking system.
3. To understand the role of Reserve Bank of India in Indian Financial System.
4. To Provide the knowledge about various financial and non Financial institutions.

**Unit – I Indian Financial System : (15 Periods)**

- 1.1 Introduction , Meaning, Nature, Role and Importance of Indian Financial system.
- 1.2 Structure of Indian Financial System.
- 1.3 Characteristics and functions of Indian Financial System.

**Unit- II- Reserve Bank of India : (12 Periods)**

- 2.1. Structure of RBI, Role of RBI in Indian Economy.
- 2.2. Major Functions of RBI.
- 2.3. Monetary Policy, Tools and their Limitations.

**Unit- III- Banking in India : (15 Periods)**

- 3.1 Commercial Banks (Public , Private, and foreign Banks)  
Management , Organization & Functions.
- 3.2 Regional Rural Bank: Management, Functions and Problems in loan  
Management.
- 3.3 Co-Operative Banks , Management, Functions and Problems in loan  
Management

**Unit- IV- Financial Market in India : (18 Periods)**

- 4.1 Meaning and Importance of Financial Market.
- 4.2 Money Market , Meaning, Nature , Functions and role of Money Market in India.
- 4.3 Capital Market Meaning, Nature and functions of Indian Capital Market.
- 4.4 Stock Market – Meaning and functions of Stock Market.
- 4.5 Security Exchange Board of India (SEBI) : Functions.

**Skill Development Activities. ( Any Two of the following) :**

1. Construct a questionnaire for collection information at any bank customers.
2. Make the report on Balance Sheet of local nationalized bank.
3. Prepare the report on Balance Sheet of Local Co-Operative Bank.
4. Collection the information about Financial Institutions working at local level.

**Course Outcomes:**

On completion of the course students would able to: Understand Knowledge of modern financial system.

The recent trends and developments in banking system. Understand the role of the Reserve Bank of India in Indian financial system and currency provide the knowledge of various Financial and non-financial institutions.

**ReferenceList :**

1. The Indian Financial System: Markets, Institutions and Services, Bharati V.Pathak, Pearson education, New Delhi, 2008.
2. Indian Financial System, Jaydeb Sarkhel, Seikh Salim, McGraw-Hill India Pvt.Ltd. Chennai, 2018.
3. Indian Banking, R. Parmehwaram & S. Natrajan, S. Chand Publishing, Delhi.
4. Non-Banking Financial Companies in India: Functioning & Reforms, Jafor Ali Akhan, New Century Publications, 2010
5. Indian Financial Markets, Ajay Shah, Michael Gorham and Susan Thomas, Elsevier, 2008.
6. The Story of the Reserve Bank of India, Rahul Bajoria, Kindle Edit
7. Securities Market and Products: Mr. Sunder Sankaran, Taxman Publication Pvt Ltd New Delhi.
8. Financial Institutions and Markets: Structure, Growth and Innovations by L.M. Bhole and J. Mahakud, 6th Edition, McGraw Hill Education, Chennai, India, 2017
9. Financial Markets in India: A Research Initiative, Shahani, Rakesh, Anamica Publications, 2011
10. Financial Institutions & Markets, Jeff Madura, , Cengage India Private Limited, 2014



**Dr. Babasaheb Ambedkar Marathwada University**  
**Aurangabad**  
**CHOICE BASED CREDIT SYSTEM (CBCS)**  
**B.A.S.Y. ECONOMICS**  
**SEMESTER – IV**  
**ECO–CC-1F :INDIAN ECONOMY.**

Total Marks : 50  
Theory : 40  
Internal Assessment : 10

**OBJECTIVES:**

1. To acquaint to the knowledge of Indian Economy.
2. To acquire the ability and competence for appearing to the competitive Examination E.g. MPSC, UPSC etc.
3. This Course is enabled to students to have an understanding of the various issues of the Indian Economy.

**Unit – I India As a Developing Economy : (10 periods)**

- 1.1 Meaning & indicators of Underdevelopment.
- 1.2 Basic Characteristics of the Indian Economy as a Developing Economy.
- 1.3 Major Issues of Development.

**Unit- II- Natural and Human Resources : (20 periods)**

- 2.1. Natural Resources – Land, Water, Forest and Minerals Resources.
- 2.2 Population: - Broad features, Size and Growth Rate of Population in India,
- 2.3 The Density of Population, Age composition, Occupational distribution, Rural Urban Population, Literacy, Life expectancy
- 2.4 The Sex Composition of Population & Beti Bachao Beti Padhao Scheme,
- 2.5 Problems of Over Population, Population policy.

**Unit- III-Poverty and Unemployment: (15 periods)**

- 3.1 The Concept of Poverty, Measurement of Poverty, Causes of Poverty & Strategies to Removal of Poverty.
- 3.2 Nature of Unemployment in India, Estimates of Unemployment.
- 3.3 Unemployment in Urban Areas & Agricultural Unemployment
- 3.4 Causes of Unemployment and Measure to removal of Unemployment.

**Unit- IV-Planning in India: (15 periods)**

- 4.1 Objectives of Economic Planning in India, The Planning Commission,
- 4.2 Achievements & Failures of Five Years Plan.
- 4.3 Twelfth Five Year Plan: Vision & Strategy.
- 4.4 Niti Aayog: Introduction, Structure, Objectives, Shifting the Focus to Cooperative Federalism

## Course Outcomes :

After Completion the course of Indian Economy students would be able to

1. Develop ideas of the basic characteristics of Indian economy, its potential on natural resources.
2. Understand the importance, causes and impact of population growth and its distribution, translate and relate them with economic development.
3. Students will get to know about the nature of poverty and unemployment as major problems facing India by Indian Economy and aware about the solution of these problems.
4. Grasp the importance of planning undertaken by the government of India, have knowledge on the various objectives, failures and achievements of the various plans and economic reforms taken by the government.
5. Also, the students will know about the nature and objective of Niti Aayog.

## Basic Reading List :

1. Government of India, Economic Survey ,Oxford University Press.
2. Buri V.K., Misra S.K. & Garg, Indian Economy, Himalaya Publishing House,
3. Datt & K.P.M. Sundaram's, Indian Economy, SChand & Company Ltd., New Delhi.
4. Shankar Acharya & Rakesh Mohan, India's Economy, performance & Challenges, Oxford University Press.
5. Qureshi Indian Economy, Dominant Publication and Distributor , New Delhi.
6. Shrivastava O.S. Economic Development and Planning in India.
7. Uma Kapila , Indian Economy since Independence.
8. डॉ देसाई व डॉ सौ.भालेराव , भारतीय अर्थव्यवस्था (1999) द्वितीय आवृत्ती , निराली प्रकाशन.
9. डॉ.आर.एस.सोळुंकेव डॉ व्ही.बी.काकडे, भारतीय अर्थव्यवस्था (2002) श्री विदया प्रकाशन , पुणे.
10. डॉ जी.एन.झामरे, भारतीय अर्थव्यवस्था विकास व पर्यावरणात्मक अर्थशास्त्र, पिंपळापुरे ँड कंपनी पब्लिकेशन नागपूर.

**Dr. Babasaheb Ambedkar Marathwada University**  
**Aurangabad**  
**CHOICE BASED CREDIT SYSTEM (CBCS)**  
**B.A.S.Y. ECONOMICS**  
**SEMESTER – IV**  
**ECO- SEC –1B :DATA COLLECTION AND ANALYSIS.**

Total Marks : 50  
Theory : 40  
Internal Assessment : 10

**OBJECTIVES :**

This Course is designed to enable students to

1. Identify and discuss the role and importance of research in the social sciences.
2. Identify and discuss the issues and concepts salient to research process.
3. Identify and discuss the concepts and procedures of data collection, analysis and reporting.
4. To study the measurement of central Tendency.

**Unit – I Introduction:**

**(15 periods)**

- 1.1 Data: Meaning, Nature. Importance of Data for Research
- 1.2 Types Of Data: Qualitative & Quantitative
- 1.3 Types of Series: Sample, Direct and Continuous Series.
- 1.4 Technique of Sampling: Probable & Non-probable

**Unit- II- Collection of Data:**

**(15 periods)**

- 2.1. Primary Data: Meaning and Definition.
- 2.2. Methods of Collecting Primary Data.
- 2.3 Secondary Data, Meaning and Definition.
- 2.4 Sources of Secondary Data.

**Unit III Data Tabulation And Interpretation (12 periods)**

- 3.1 Dimension Of Tabulation
- 3.2 Grapes & Diagrams
- 3.3 Classification and Tabulation of Data.
- 3.4 Frequency Distribution and Graphical Presentation of Data.

**Unit- IV-Measures of Central Tendency & Dispersion: (18 periods)**

- 4.1 **Central Tendency** : Mean, Median & Mode - Uses & Limitations
- 4.2 **Desperation**: Range, Standard Deviation, Variance, Co-efficient Of Variation: Uses & Limitations of

## **Skill Development Activities:**

(Any Two of the following)

1. Construct a Questionnaire for Collection of primary Data on any Social Issue.
2. Collect the data related to any schemes of your locality,
3. Prepare a chart showing the steps of research
4. Collect the data relating to the households income and prepare a graph.

## **Outcomes :**

Students who successfully complete this course will be able to explain key research concepts and issues. This course will be able to read comprehend and explain research in their academic discipline.

## **Reference List :**

1. Kothari C.R.(1988) Research Methodology Method and Techniques, Wiley Eastern, Limited, New Delhi.
2. Ghosh, B.N. Scientific Methods and Social Research, Sterling Publishers Pvt. Ltd, New Delhi, 1982.
3. Goode William J. and Hatt, Paul, Methods in Social Research, McGraw Hill, New York, 1952.
4. Gopal M.H.: An Introduction to Research Procedure in Social Sciences, Asia Publishing House, Bombay, 1964.
5. Hans Raj: Theory and Practice in Social Research Surjeet Publication, New Delhi, 1979.
6. Sadhu A.N. and Singh Amerjet : Research Methodology in Social Sciences, Himalaya Publishing House, Bombay, 1980.
7. Tandon B.C. Research Methodology in Social Science, Chaitanya Publishing House, Allahabad, 1979.
8. Wilkinson T.S. and Bhandarkar P.L. Methodology and Techniques of Social Research, Himalaya Publishing , House, Bombay 1979.
9. B.M.Aggarwal Business Mathematics and Statistics, Ane Book.Pvt.Ltd.New Delhi,(2010)
10. Gupta. S.P, Statistical Methods-Sultan,1988
11. Chand & Sons, Delhi, Gupta, S. C. ,Fundamentals of Applied Statistine,(1993)
12. Allen, R.G.D. (1974), Mathematical Analysis for Economists, Macmillan Press, London.
13. Croxton, F.E., D.J. Cowden and S. Klein ,applied General Statistics, Prentice Hall, New Delhi,(1973).
- 14 Gupta, S.C. and Kapoor V.K. ,Fundamentals of Applied Statistics, S. Chand and Sons, New Delhi,(1993),
15. Monga G.S. (1972), Mathematics and Statistics for Economists, Vikas Publishing House, New Delhi. (1972).

**DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,  
AURANGABAD**



**SYLLABUS OF  
B. A. Honors in Economics  
Second Year  
Third and Fourth Semester  
(Revised Syllabus)**

**Under the Faculty of Humanities**

**FOR  
MODEL COLLEGE, GHANSAWANGI.  
DIST- JALNA.  
(MAHARASHTRA STATE)**

**(Effective from 2023-24 to onwards)**

*[Handwritten Signature]*  
Dean

Faculty of Humanities,  
Dr. Babasaheb Ambedkar Marathwada  
University, Aurangabad.

## B. A. Honors in Economics syllabus for Model College, Ghansawangi

### Course Structure

Paper	Paper Name and Code	Credit	Lecture per week	Total Lecture	CA	UA	Total	
<b>Semester I</b>								
Language	English Compulsory Language	04	04		40	60	100	
Indian Language	IL Marathi or IL Hindi	04	04		40	60	100	
Core	Core-A	Micro Economics-I	05	05	75	20	30	50
	Core-B	Macro Economics-I	05	05	75	20	30	50
Supportive	Statistics for Methods for Economics-I	04	04	60	40	60	100	
Applied	Micro Finance	04	04	60	40	60	100	
Life skill Curriculum	JOC	Job Oriented Curriculum-I	02	02		20	30	50
	VOC	Value Oriented Curriculum-I	02	02		20	30	50
		<b>Total of Sem.-I</b>	<b>30</b>	<b>30</b>			<b>600</b>	
<b>Semester II</b>								
Language	English Compulsory Language	04	04		40	60	100	
Indian Language	IL Marathi or IL Hindi	04	04		40	60	100	
Core	Core-A	Micro Economics-II	05	05	75	20	30	50
	Core-B	Macro Economics-II	05	05	75	20	30	50
Supportive	Statistics for Methods for Economics-II	04	04	60	40	60	100	
Applied	Economics of Health and Education	04	04	60	40	60	100	
Life skill Curriculum	JOC	Job Oriented Curriculum-II	02	02		20	30	50
	VOC	Value Oriented Curriculum –II	02	02		20	30	50
		<b>Total of Sem.-II</b>	<b>30</b>	<b>30</b>			<b>600</b>	
<b>Semester III</b>								
Language	English Compulsory Language	04	04		40	60	100	
Indian Language	IL Marathi or IL Hindi	04	04		40	60	100	
Core	Core-A	Public Economics-I	05	05	75	20	30	50
	Core-B	International Economics-I	05	05	75	20	30	50
Supportive	Growth and Development	04	04	60	40	60	100	
Applied	Mathematical Economics	04	04	60	40	60	100	
Life skill Curriculum	JOC	Job Oriented Curriculum –III	02	02		20	30	50
	VOC	Value.Oriented Curriculum-III	02	02		20	30	50
		<b>Total of Sem.-III</b>	<b>30</b>	<b>30</b>			<b>600</b>	
<b>Semester IV</b>								
Language	English Compulsory Language	04	04		40	60	100	
Indian Language	IL Marathi or IL Hindi	04	04		40	60	100	
Core	Core-A	Public Economics-II	05	05	75	20	30	50
	Core-B	International Economics-II	05	05	75	20	30	50
Supportive	Financial Institutions and Market	04	04	60	40	60	100	
Applied	Mathematical Applications in Economics	04	04	60	40	60	100	
Life skill Curriculum	JOC	Job Oriented Curriculum-IV	02	02		20	30	50
	VOC	Value Oriented Curriculum-IV	02	02		20	30	50
		<b>Total of Sem.-V</b>	<b>30</b>	<b>30</b>			<b>600</b>	
<b>Semester V</b>								
Core	Core-A	Indian Economy-I	05	05	75	20	30	50
	Core-B	Agricultural Economics	05	05	75	20	30	50
Supportive	Research Methodology in Economics	04	04	60	40	60	100	
Applied	Applied-A	Indian Stock Markets or Basic Econometrics	04	04	60	20	30	50
	Applied-B	Insurance Markets and Its Products or Environmental Economics	04	04	60	20	30	50
Life skill Curriculum	JOC	Job Oriented Curriculum-V	04	02		20	30	50
	VOC	Value Oriented Curriculum-V	04	02		20	30	50
		<b>Total of Sem.-V</b>	<b>30</b>	<b>30</b>			<b>400</b>	
<b>Semester VI</b>								
Core	Core-A	Indian Economy-II	05	05	75	20	30	50
	Core-B	Industrial Economics	05	05	75	20	30	50
Supportive	Labour Economics	04	04	60	40	60	100	
Applied	Applied-A	Economy of Maharashtra or Economic Thoughts	04	04	60	20	30	50
	Applied-B	Computer Applications in Economics or Demography and Population Studies	04	04		20	30	50
Life skill Curriculum	JOC	Job Oriented Curriculum –VI	04	02		20	30	50
	VOC	Value Oriented Curriculum -VI	04	02		20	30	50
		<b>Total of Sem.-VI</b>	<b>30</b>	<b>30</b>			<b>400</b>	
		<b>Total of Sem.- I to VI</b>	<b>180</b>	<b>180</b>			<b>3200</b>	

**Dr. Babasaheb Ambedkar Marathwada University, Aurangabad**  
**Model College, Ghansawangi**  
**B. A. Honors in Economics**  
**Second Year IIIrd Semester**

**Course Structure**

Paper	Course Code	Paper Name	No. of Credits per Course	No. of Lectures per week	Continue Assessment Marks (CA)	University Assessment Marks (UA)	Total Marks	
<b>I. Language Curriculum</b>								
Compulsory Language	L-ENG-301	Reading Literature in English- I	04	04	40	60	100	
Indian Language (Marathi or Hindi)	IL-MAR-301	Bhatiya Bhasha Marathi-I	04	04	40	60	100	
	IL-HIN-301	Samanya Hindi-I						
<b>II. Major Curriculum</b>								
Core	Core-A	C-ECO-301	Public Economics-I	05	05	20	30	50
	Core-B	C-ECO-302	International Economics-I	05	05	20	30	50
Supportive	S-ECO-301	Growth and Development	04	04	40	60	100	
Applied	A-ECO-301	Mathematical Economics	04	04	40	60	100	
<b>III. Life Skill Curriculum</b>								
Job Oriented Curriculum	LSC301	Basic Marketing	02	02	20	30	50	
Value Oriented Curriculum	LSC302	Personality Development	02	02	20	30	50	
<b>Total</b>			<b>30</b>	<b>30</b>	<b>240</b>	<b>360</b>	<b>600</b>	

**Dr. Babasaheb Ambedkar Marathwada University, Aurangabad**  
**Model College, Ghansawangi**  
**B. A. Honors in Economics**  
**Second Year IVth Semester**

**Course Structure**

Paper		Course Code	Paper Name	No. of Credits per Course	No. of Lectures per week	Continue Assessment Marks (CA)	University Assessment Marks (UA)	Total Marks
<b>I. Language Curriculum</b>								
Compulsory Language		L-ENG-401	Reading Literature in English- II	04	04	40	60	100
Indian Language (Marathi or Hindi)		IL-MAR-401	Bhatiya Bhasha Marathi-II	04	04	40	60	100
		IL-HIN-401	Samanya Hindi-II					
<b>II. Major Curriculum</b>								
Major Core	Core A	C-ECO-401	Public Economics-II	05	05	20	30	50
	Core B	C-ECO-402	International Economics-II	05	05	20	30	50
Supportive		S-ECO-401	Financial Institutions and Market	04	04	40	60	100
Applied		A-ECO-401	Mathematical Application in Economics	04	04	40	60	100
<b>III. Life Skill Curriculum</b>								
Job Oriented Curriculum		LSC401	Tourism Management	02	02	20	30	50
Value Oriented Curriculum		LSC402	Public Relations	02	02	20	30	50
<b>Total</b>				<b>30</b>	<b>30</b>	<b>240</b>	<b>360</b>	<b>600</b>



## **Scheme of Evaluation (Marks Distribution)**

### **For 20 Marks Continuous Assessment**

- |  |                 |
|--|-----------------|
| <b>1) Continuous Assessment (C.A.)</b> | <b>20 Marks</b> |
| Two Class Test Each for                | 05 Marks        |
| One Home Assignment/Seminar for        | 10 Marks        |
| <br>                                   |                 |
| <b>2) University Assessment (U.A.)</b> | <b>30 Marks</b> |

### **For 40 Marks Continuous Assessment**

- |  |                 |
|--|-----------------|
| <b>1) Continuous Assessment (C.A.)</b> | <b>40 Marks</b> |
| Two Class Test Each for                | 10 Marks        |
| One Home Assignment for                | 10 Marks        |
| One Seminar for                        | 10 Marks        |
| <br>                                   |                 |
| <b>2) University Assessment (U.A.)</b> | <b>60 Marks</b> |

### Question Paper Structure for University Assessment (U.A.)

For Major (Core-A and B) Course		
<b>Maximum Marks: 30</b>		<b>Time: 1.30 Hours</b>
Note: 1. All questions are compulsory 2. Each question carries equal marks.		
Q. 1	Long Answer question	10 Marks
OR		
Short answer question		
a)		05 Marks
b)		05 Marks
Q. 2	Long Answer question	10 Marks
OR		
Short answer question		
a)		05 Marks
b)		05 Marks
Q. 3	Long Answer question	10 Marks
OR		
Short answer question		
a)		05 Marks
b)		05 Marks

For Supportive Course		
<b>Maximum Marks: 60</b>		<b>Time: 2.00 Hours</b>
Note: 1. All questions are compulsory 2. Each question carries equal marks.		
Q. 1	Long Answer question	20 Marks
OR		
Short answer question		
a)		10 Marks
b)		10 Marks
Q. 2	Long Answer question	20 Marks
OR		
Short answer question		
a)		10 Marks
b)		10 Marks
Q. 3	Long Answer question	20 Marks
OR		
Short answer question		
a)		10 Marks
b)		10 Marks

<b>For Applied Course</b>		
<b>Maximum Marks: 60</b>		<b>Time: 2.00 Hours</b>
Note: 1. All questions are compulsory 2. Each question carries equal marks.		
Q. 1	Long Answer question	20 Marks
	OR	
	Short answer question	
	a)	10 Marks
	b)	10 Marks
Q. 2	Long Answer question	20 Marks
	OR	
	Short answer question	
	a)	10 Marks
	b)	10 Marks
Q. 3	Long Answer question	20 Marks
	OR	
	Short answer question	
	a)	10 Marks
	b)	10 Marks

**Dr. Babasaheb Ambedkar Marathwada University, Aurangabad**  
**Model College, Ghansawangi**  
**B. A. Honors in Economics**  
**Second Year**  
**Semester- III**  
**Major Core Course Core –A**  
**Public Economics- I**  
**Course Code C-ECO-301**

**Total Marks-50**  
**University Assessment Marks-30**  
**Continuous Assessment Marks-20**  
**Total Credit-05**

**Total Lecture-75 Hrs.**

**OBJECTIVES:**

The paper Public Economic is designed to make aware to the undergraduate student for the nature and scope of public finance, public revenue, public expenditure and public debt.

**Unit 1: Nature and Scope of Public Finance**

- 1.1 Nature and Scope of Public Economic, Significations of Public Economic
- 1.2 Difference between private and public finance, private, public and merit goods.
- 1.3 Principle of maximum social Advantage, Musgrave's analysis of maximum social advantage.

**Unit 2: Public Revenue**

- 2.1 Sources of public revenue, Taxation – direct and indirect tax, Objectives of taxation.
- 2.2 Canons of taxation, classification of taxes, Division of tax burden – Benefit theory and ability to pay theory.
- 2.3 Impact, Incidence and effects of taxation.

**Unit 3: Public Expenditure**

- 3.1 Concept and classification of public expenditure.
- 3.2 Principles of public expenditure.
- 3.3 Role of public expenditure in developing economy, effects of public Expenditure.

**Unit 4: Public Debt**

- 4.1 Meaning of public debt, comparison between public debt and private debt, Importance of public debt.
- 4.2 Sources of public borrowing, effects of public debt.
- 4.3 Debt burden and its management, Redemption of public debt.

## **COURSE OUTCOMES OF PUBLIC ECONOMICS:**

Completion of the study of Public Economics student should be able to:

1. Understand the sources of finance both public and private.
2. Understand the possible burden, benefits and distribution of various types of taxes among various classes of people, know the general trend and impact on general welfare and arouse them to suggest good and bad tax system.
3. Role of the government in the economy about Public Expenditure.
4. Understand the needs of public borrowing from all possible sources to meet necessary public investment/expenditures. Also be alerted to find sources for repayment.

### **Basic Reading List:**

1. Atkinson A.B. and J.E. Stiglitz (1980), Lectures on public Economics, Tata McGraw Hill, New York.
2. Buchanan J.M. (1970), The Public Finances, Richard D Irwin Homewood.
3. Jha R.(1998), Modern Public Economics : Routledge London.
4. Musgrave, R.A. (1959), The Theory of Public Finance, McGraw Hill, Kogakusha Tokyo.
5. Musgrave, R.A. and P.B. Susgrave (1976), Public Finance in Theory Finance, McGraw Hill, Kogakusha Tokyo.
6. Auerbach,A.J. and M Feldstern (Eds) (1985), Handbook of Public Economics, Vol.-I North Halland, Amsterdam.
7. Goode R. (1986), Government Finance in Developing countries, Tata McGraw Hill, New York.
8. Cutt, J. (1996), Taxation and Economics Development in India, Prager Publishers, New York.
9. Friedman, A.(1986), Welfare Economics and Social Choice Theory, Martins Nijhoft, Bostan.
10. Premchand A. (1996), Control of Public Expenditure in India, Allied publishers, New Delhi.
11. RuddarDatt& K.P.M. Sundharam (2012), Indian Economy, S. Chand and Company Ltd. Ram Nagar, New Delhi-110055.
12. Tyagi B.P., (2014), Public Finance, Jay Prakash Nath & Co., Meerut.
13. पाटील जे.एफ.,(2004),सार्वजनिक अर्थकारण, फडके प्रकाशन, कोल्हापूर.

**Dr. Babasaheb Ambedkar Marathwada University, Aurangabad**

**Model College, Ghansawangi**

**B. A. Honors in Economics**

**Second Year**

**Semester- III**

**Major Core Course Core –B**

**International Economics- I**

**Course Code C-ECO-302**

**Total Marks-50**

**University Assessment Marks-30**

**Continuous Assessment Marks-20**

**Total Credit-05**

**Total Lecture-75 Hrs.**

**OBJECTIVES:**

To enable the students to learn the fundamental concepts International Economics.

To enable the students to develop logical and analytical view of issues International Economic.

To enable the students to learn the case of international trade theory, gain from international trade & Tariffs & Quotas etc.

**Unit 1: Introduction**

1.1 Meaning and concepts of internal trade.

1.2 Meaning and concepts of International trade, difference between Internal and international trade.

1.3 Importance of the study of International economics.

**Unit 2: Theory's of international trade**

2.1 Adam Smith theory of international trade.

2.2 Ricardian theory of international trade.

2.3 Hecksecher – Ohlin theory of trade.

2.4 Factors – price equalization, Leontief paradox.

**Unit 3: Gains from International trade & types**

3.1 Meaning of gains from International trade.

3.2 Measurement & distribution of Gains from International trade.

3.3 Trade as an engine of economic growth.

3.4 Concepts of terms of trade & their importance in the theory of trade.

**Unit 4: Tariffs & Quotas**

4.1 Meaning & types of tariffs.

4.2 Concepts quotas & its types.

4.3 Tariffs & quotas impact in partial equilibrium analysis.

4.4 Free trades & policy of tariffs in relation to economic growth with Special Reference to India.

#### **COURSE OUTCOMES OF INTERNATIONAL ECONOMICS:**

Completion of the study of International Economics student should be able to:

1. Conceptually explain and understand the various constituents of business environment and their impact on businesses in general.
2. Conceptually explain and apply the trade theories, investment theories, exchange rate theories and regional trading bloc theories and their impact on economic welfare and businesses.
3. Understand the concept of tariffs and quotas.

#### **Basic Reading List:**

1. Ken an, P.B. (1994), The International Economy, Cambridge University Press, London.
2. Kindleberger, C.P. (1973), International Economics, R.D. Irwin, Home wood.
3. Krugman, P.R. and M. Obstgeld (1994), International Economics: Theory and Policy, GJenvies, foreman.
4. Salvatore D.L. (1997), International Economics, Prentice Hall, Upper saddle River, N.J.
5. Sodersten, B.O. (1991), International Economics, Macmillan Press Ltd., London.

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**Model College, Ghansawangi**

**B. A. Honors in Economics**

**Second Year**

**Semester- III**

**Supportive**

**Growth and Development**

**Course Code S-ECO-301**

**Total Marks-100**

**University Assessment Marks-60**

**Continuous Assessment Marks-40**

**Total Lecture-60 Hrs.**

**Total Credit-04**

**OBJECTIVES:**

The paper development Economic is designed to make aware to the undergraduate student for the development theories and basic growth models.

**Unit 1: Introduction**

- 1.1 Definitions of development and growth, difference between development and growth.
- 1.2 Determination of economics development, obstacles to economic development.
- 1.3 Concepts of underdevelopment and sustainable development, characteristics of underdeveloped countries, measures to reduce inequalities.

**Unit 2: Theories of development**

- 2.1 Theories of Adam Smith, David Ricardo and Malthus.
- 2.2 Karl Marx's theory of economics development.
- 2.3 Schumpeter's theory of economics development.

**Unit 3: Growth Models**

- 3.1 Growth strategies; Ranger Narske's model of economic growth.
- 3.2 Lewis model of unlimited supply of labor; W. W. Rostow's stages of economic growth.
- 3.3 Rosenstein Rodan's theory of Big push. Harve Libenstien's critical minimum effort thesis.  
Balanced v/s unbalanced growth.

**Unit 4: Sectoral View of economic development**

- 4.1 Role of agriculture in economic development, concept of sustainable Agriculture.
- 4.2 Role of industrialization in economic development.



- 4.3 Role of service sector in economic development, concept of Nano-technology, Role of Nano-technology in agriculture, Industry and service sector development.

#### **COURSE OUTCOMES OF GROWTH AND DEVELOPMENT:**

Completion of the study of Growth and development student should be able to:

1. The course equips students with the understanding of concepts and approaches in Economic Development and Economic Growth.
2. The course is designed to develop keen interest in various aspects of Economic Development, as well develop their theoretical, empirical and analytical skills.
3. The Course enables critical understanding of key theories of economic development.
4. The Syllabus emphasizes on conceptual understanding and some applications of important growth models.

#### **Basic Reading List:**

1. Adelman I. (1961), Theories of Economic Growth and development, Stanford University Press, Stanford.
2. Bechrman S. and T. N. Srinivasan (1995), Handbook of Development Economic Vol. 1 to 3, Elsevire, Amsterdam.
3. Higgins B. Economic Development: Past and Present.
4. M.L. Jhingan, Economics of Development and Planning.
5. Ray Debray, Development Economic.
6. Kindleberger C. P. (1977), Economic Development. Oxford University Press, New Delhi.
7. Thirwal A. P. (1990), Growth and Development, Macmillan, London.
8. Sen A.K. (1990), Growth Economics, Pengnin, Harmondsworth.

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**B. A. Honors in Economics**  
**Second Year**  
**Semester- III**  
**Applied**  
**Mathematical Economics**  
**Course Code A-ECO-301**

**Total Marks-100**  
**University Assessment Marks-60**  
**Continuous Assessment Marks-40**  
**Total Credit-04**

**Total Lecture-60 Hrs. .**

**OBJECTIVES:**

This paper is designed to understand economic concepts and theories with the use of mathematical tools.

**Unit 1: Basic Information**

- 1.1 Nature and Scope of Mathematical Economics.
- 1.2 Importance of Mathematical Economics in Economic Theories.
- 1.3 Relationship between Mathematical Economics and Economics.
- 1.4 Mathematical Economics v/s Econometrics.

**Unit 2: Basic Concepts**

- 2.1 Constants
- 2.2 Variables.
- 2.3 Equations.
- 2.4 Limit and continuity of a Function.

**Unit 3: Theory of Consumer Behavior**

- 3.1 Utility Function.
- 3.2 Budget line, constrained optimization.
- 3.3 Consumer's equilibrium.
- 3.4 Elasticity of demand.

**Unit 4: Matrices**

- 4.1 Meaning, Types of Matrices.
- 4.2 Determinants.
- 4.3 Cramer's Rule.
- 4.4 Gauss Elimination Method.

## **COURSE OUTCOMES OF MATHEMATICAL ECONOMICS:**

Completion of the study of Mathematical Economics student should be able to:

1. Knowledge and understanding of the mathematical concepts and methods used by professional economists.
2. The facility to express economic ideas in the language of mathematics.
3. The expertise to analyses economic models by using formal mathematical methods.
4. Analyze the consumer behavior through mathematical methods.
5. Understand the input – output analysis.

### **Basic Reading List:**

1. Allen R. G. D. (1974), Mathematical Analysis for Economics, Macmillan Papers, London.
2. Chiang A.C. (1986), Fundamental Method of Mathematical economics, (3<sup>rd</sup> edition) McGraw Hill, New Delhi.
3. Colell, A. Mas, et.at. (1991), Microeconomics Theory, Harvard University Press, Cambridge, Mass.
4. D. Bose, An introduction to Mathematical Economics, Himalaya Publishing House.
5. Hand D:W. (1991), Introductory Mathematical Economics.
6. Handy, S. T. (1997), Operations Research, Prentice-Hall of India, New Delhi.
7. Henderson J and R.E. Qundt (1980), Microeconomic Theory, A Mathematical Approach, McGraw Hill, New Delhi.
8. Mukherji B. and B. Pandit (1982), Mathematical Method of Economic Analysis.

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**Model College, Ghansawangi**

**B. A. Honors in Economics**

**Second Year**

**Semester- IV**

**Major Core Course Core –A**

**Public Economics- II**

**Course Code C-ECO-401**

**Total Marks-50**

**University Assessment Marks-30**

**Continuous Assessment Marks-20**

**Total Lecture-75 Hrs.**

**Total Credit-05**

**OBJECTIVES:**

The paper of Public Economic is designed to make aware to the undergraduate student for the fiscal policy, budget and federal finance.

**Unit 1: Introduction**

- 1.1 Role of Government in organizing society mixed economy.
- 1.2 Public and private sector-co-operation v/s competition.
- 1.3 Government as an agent for economic development, concepts of public private partnership (PPP), Good Governance.

**Unit 2: Fiscal Policy**

- 2.1 Meaning and Main Objectives of Fiscal Policy.
- 2.2 Types and Tools of fiscal policy, Instruments of fiscal policy.
- 2.3 Limitations of fiscal policy.

**Unit 3: Union Budget**

- 3.1 Concept and classification of budget.
- 3.2 Fiscal Policy for stabilization automatic v/s discretionary Stabilization.
- 3.3 Neutral, Compensatory and Functional finance.

**Unit 4 Federal Finance in India**

- 4.1 Definition and characteristics of federal finance.
- 4.2 Financial relations between center and state, center state conflict on finance
- 4.3 The Finance commission – objectives, Recommendations of current finance commission.

## **COURSE OUTCOMES OF PUBLIC ECONOMICS:**

Completion of the study of Public Economics student should be able to:

1. Understand the sources of finance both public and private.
2. Understand the possible burden, benefits and distribution of various types of taxes among various classes of people, know the general trend and impact on general welfare and arouse them to suggest good and bad tax system.
3. Role of the government in the mixed economy.
4. Understand the needs of public borrowing from all possible sources to meet necessary public investment/expenditures. Also be alerted to find sources for repayment.

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1. Atkinson A. B. and J. E. Stiglitz (1980), Lectures on public Economics, Tata McGraw Hill, New York.
2. Buchanan J. M. (1970), The Public Finances, Richard D Irwin Homewood.
3. Jha R. (1998), Modern Public Economics : Routledge London.
4. Musgrave, R.A. (1959), The Theory of Public Finance, McGraw Hill, Kogakusha Tokyo.
5. Musgrave, R. A. and P. B. Susgrave (1976), Public Finance in Theory Finance, McGraw Hill, Kogakusha Tokyo.
6. Auerbach, A. J. and M Feldstern (Eds) (1985), Handbook of Public Economics, Vol.-I North Halland, Amsterdam.
7. Goode R. (1986), Government Finance in Developing countries, Tata McGraw Hill, New York.
8. Cutt, J. (1996), Taxation and Economics Development in India, Prager Publishers, New York.
9. Friedman, A. (1986), Welfare Economics and Social Choice Theory, Martins Nijhoft, Bostan.
10. Premchand A. (1996), Control of Public Expenditure in India, Allied publishers, New Delhi.
11. Ruddar Datt & K. P. M. Sundharam (2012), Indian Economy, S. Chand and Company Ltd. Ram Nagar, New Delhi-110055.
12. Tyagi B. P., (2014), Public Finance, Jay Prakash Nath & Co., Meerut.
13. पाटील जे. एफ., (2004), सार्वजनिक अर्थकारण, फडके प्रकाशन, कोल्हापूर.

**Dr. Babasaheb Ambedkar Marathwada University, Aurangabad**

**Model College, Ghansawangi**

**B. A. Honors in Economics**

**Second Year**

**Semester- IV**

**Major Core Course Core –B**

**International Economics- II**

**Course Code C-ECO-402**

**Total Marks-50**

**University Assessment Marks-30**

**Continuous Assessment Marks-20**

**Total Lecture-75 Hrs.**

**Total Credit-05**

**OBJECTIVES:**

To enable the students to learn the fundamental concepts International Economic.

To enable the students to develop logical and analytical view of issues International Economic.

To enable the students to learn the case of international trade theory, gain from international trade & Tariffs & Quotas etc.

**Unit 1: India's Foreign Trade**

1.1 Role of Foreign trade.

1.2 Trends in exports & import in India recent Exim Policy

1.3 Composition & direction of India's foreign trade.

1.4 Exports promotion measures the role of foreign direct investment & Foreign Institutional Investment.

**Unit 2: Balance of Payments**

2.1 Meaning of balance of trade balance of payments, components of Balance of Payments

2.2 Concepts of equilibrium & disequilibrium in balance of payments.

2.3 Causes of effects of disequilibrium in balance of payments, measures to Correct disequilibrium in balance of payments.

2.4 Meaning of devaluation and its relative merits, demerits and limitation.

**Unit 3: International Monetary Policy**

3.1 Meaning of international monetary policy.

3.2 Exchange rate determination and adjustment. Flexible versus Fixed Exchange Rate system.

3.3 India's exchange rate policy, rupee convertibility on current & capital Account.

3.4 International reserves and problem of liquidity- Special Drawing Rights (SDR), & exchange management problems of international debt, Debt trap.

#### **Unit 4: International trade union & institution**

4.1 Functions of (IMF) International monetary fund.

4.2 Function of World Bank sectors of the Indian economy

4.3 Functions of WTO, and its impact on the different Economy.

4.4 Indian regional trade agreement – SAARC, ASEAN, BRICS, trade Union

#### **COURSE OUTCOMES OF INTERNATIONAL ECONOMICS:**

Completion of the study of International Economics student should be able to:

1. Understand the composition and direction of foreign trade.
2. Understand and analyze the balance of payments,
3. Apply and analyze the different exchange rate regimes, impact on businesses in general and energy sector.
4. Analyze and integrate the opening up economies of developing countries like India through Regional Trade Block (RTB) and multilateral route (WTO) and their impacts on Businesses in general and energy sector .
5. Integrate all constituents of environment and their impact on decision about finalizing the location of business in other countries.

#### **Basic Reading List:**

1. Ken an, P.B. (1994), The International Economy, Cambridge University Press, Landon.
2. Kindleberger, C.P. (1973), International Economics, R.D. Irwin, Home wood.
3. Krugman, P.R. and M. Obstgeld (1994), International Economics: Theory and Policy, GJenvies, foreman.
4. Salvatore D.L. (1997), International Economics, Prentice Hall, Upper saddle River, N.J.
5. Sodersten, B.O. (1991), International Economics, Macmillan Press Ltd, London.

#### **Additional Reading List:**

1. Agrawal, M.R. (1979), Regional Economic Co-operation in South Asia, S. Chand and Co., New Delhi.

2. Bhagwati, J. (Ed.) (1981), International Trade Selected Readings, Cambridge University Press, Mass.
3. Crockett, A. (1982), International Money: Issue and Analysis ELBS and Nelson, London.
4. Greenway, D. (1983), International Monetary Economics, Prentice Hall, India.
5. Heiler, H.R. (1968), International Trade Policy, Macmillan Publishers Ltd., London.
6. Joshi, V. and I. M. D. Little (1998), India's Economic Reforms, 1999-2001, Oxford University Press.
7. Nayyar, D. (1976), India's Exports and Export Policies in the 1960's, Cambridge University Press, Cambridge.
8. Panchmukhi, V. R. (1978), Trade Policies of India: A quantitative Analysis, Concept Publishing Company, New Delhi.



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**Model College, Ghansawangi**

**B. A. Honors in Economics**

**Second Year**

**Semester- IV**

**Supportive**

**Financial Institutions and Market**

**Course Code S-ECO-401**

**Total Marks-100**

**University Assessment Marks-60**

**Continuous Assessment Marks-40**

**Total Lecture-60 Hrs.**

**Total Credit-04**

**OBJECTIVES:**

1. To understand Principles of Modern Financial System.
2. To understand the recent trends and development in banking system.
3. To understand the role of Reserve Bank of India in Indian Financial System.
4. To provide the knowledge about various financial and non-Financial institutions.

**Unit – I Indian Financial System**

- 1.1 Introduction, Meaning, Nature, Role and Importance of Indian Financial system.
- 1.2 Structure of Indian Financial System.
- 1.3 Characteristics and functions of Indian Financial System.

**Unit- II- Reserve Bank of India**

- 2.1 Structure of RBI, Role of RBI in Indian Economy.
- 2.2 Major Functions of RBI.
- 2.3 Monetary Policy, Tools and their Limitations.

**Unit- III-Banking in India**

- 3.1 Commercial Banks (Public , Private, and foreign Banks) Management , Organization & Functions.
- 3.2 Regional Rural Bank: Management, Functions and Problems in loan Management.
- 3.3 Co-Operative Banks, Management, Functions and Problems in loan Management

**Unit- IV-Financial Market in India**

- 4.1 Meaning and Importance of Financial Market.
- 4.2 Money Market-Meaning, Nature, Functions and role of Money Market in India.
- 4.3 Capital Market -Meaning, Nature and functions of Indian Capital Market.
- 4.4 Stock Market – Meaning and functions of Stock Market.
- 4.5 Security Exchange Board of India (SEBI): Functions.

## **COURSE OUTCOMES OF FINANCIAL INSTITUTIONS AND MARKET:**

On completion of the course students would able to: Understand Knowledge of modern financial system. The recent trends and developments in banking system. Understand the role of the Reserve Bank of India in Indian financial system and currency provide the knowledge of various Financial and non-financial institutions.

### **Basic Reading List:**

1. The Indian Financial System: Markets, Institutions and Services, Bharati V. Pathak, Pearson education, New Delhi, 2008.
2. Indian Financial System, Jaydeb Sarkhel, Seikh Salim, McGraw-Hill India Pvt. Ltd., Chennai, 2018.
3. Indian Banking, R. Parmehwaram & S. Natrajan, S. Chand Publishing, Delhi.
4. Non-Banking Financial Companies in India: Functioning & Reforms, Jafor Ali Akhan, New Century Publications, 2010.
5. Indian Financial Markets, Ajay Shah, Michael Gorham and Susan Thomas, Elsevier, 2008.
6. The Story of the Reserve Bank of India, Rahul Bajoria, Kindle Edit.
7. Securities Market and Products: Mr. Sunder Sankaran, Taxman Publication Pvt. Ltd., New Delhi.
8. Financial Institutions and Markets: Structure, Growth and Innovations by L. M. Bhole and J. Mahakud; 6th Edition, McGraw Hill Education, Chennai, India, 2017.
9. Financial Markets in India: A Research Initiative, Shahani, Rakesh, Anamica Publications, 2011.
10. Financial Institutions & Markets, Jeff Madura, Cengage India Private Limited, 2014.

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**Model College, Ghansawangi**  
**B. A. Honors in Economics**  
**Second Year**  
**Semester- II**  
**Applied**  
**Mathematical Application in Economics**  
**Course Code A-ECO-401**

**Total Marks-100**  
**University Assessment Marks-60**  
**Continuous Assessment Marks-40**  
**Total Credit-04**

**Total Lecture-60 Hrs.**

**OBJECTIVES:**

This paper is designed to understand the use of mathematical tools applied in economic concepts and theories.

**Unit 1: Algebra**

- 1.1 Indices and Logarithms.
- 1.2 Ratio, Proportion and Variation.
- 1.3 Simple Interest, Compound Interest and Annuity

**Unit 2: Differential Calculus**

- 2.1 Meaning
- 2.2 Rules of Differentiation, Partial Differentiation
- 2.3 Maxima and Minima.

**Unit 3: Theory of Firm's Behavior**

- 3.1 Production Function, ISO quant
- 3.2 Equilibrium of the Firms, Market Equilibrium.
- 3.3 Euler's Theorem.

**Unit 4: Theory of Cost and Revenue**

- 4.1 Cost Functions and Curves.
- 4.2 Revenue Functions and Curves.
- 4.3 Marginal Cost and Marginal Revenue, Relations between Marginal Cost and Marginal Revenue

**COURSE OUTCOMES OF MATHEMATICAL APPLICATION IN ECONOMICS:**

Completion of the study of Mathematical Application in Economics student should be able to:

1. Knowledge and understanding concepts of differentiation.
2. Understand the rule of indices and use in economic theorem.
3. Analyze the concept of firms behavior through mathematical methods.
4. Analyze the consumer behavior through mathematical methods.
5. Understand the concept of cost and revenue.

**Basic Reading List:**

1. Allen R. G. D. (1986), Mathematical Analysis for Economics, Macmillan India Limited.
2. Chiang A.C. (1986), Fundamental Method of Mathematical economics, (3<sup>rd</sup> edition) McGraw Hill, New Delhi.
3. Colell, A.Mas, et. at. (1991), Microeconomics Theory, Harvard University Press, Cambridge, Mass.
4. D. Bose, An introduction to Mathematical Economics, Himalaya Publishing House.
5. Henderson J. and R.E. Qundt (1980), Microeconomic Theory, A Mathematical Approach. McGraw Hill, New Delhi.
6. Martin Anthony and Norman Biggs (2002), Mathematics for Economics and Finance – Methods' and Modeling, Cambridge University Press.
7. Padmalolchan Hazarika (2003), Business Mathematics, S. Chand Publication New Delhi.

~~Professor D. Bose~~  
Professor D. Bose (Ajoy)