

## MASTER OF ARTS (ECONOMICS)

<b>1</b>	<b>Name of the Programme</b>	<b>Master of Arts (economics)</b>
<b>2</b>	<b>Abbreviation</b>	<b>MA</b>
<b>3</b>	<b>Duration</b>	<b>Four semesters</b>
<b>4</b>	<b>Eligibility</b>	<b>BA Degree with Economics/B.Com</b>
<b>5</b>	<b>Objectives of the programmes</b>	<ol style="list-style-type: none"> <li><b>1. The prime objective of this programme is to train the students for understanding the economic theory and its application to address the problems of an economy</b></li> <li><b>2. To prepare the students to undertake theoretical</b></li> </ol>
<b>5</b>	<b>Programme Outcomes</b>	<ul style="list-style-type: none"> <li>• <b>PO 1:</b> Prepare students to develop critical thinking to carry out investigation about various socio-economic issues to bridge the gap between theory and practice.</li> <li>• <b>PO 2:</b> To prepare students for pursuing research or careers that provide solutions to structural, policy and sectoral architecture of the economy through analytical skills</li> <li>• <b>PO 3:</b> Apply knowledge of economics to solve complex socio-economic problems of the economies and nationals by undertaking research on various social and economic issues and come out with impacting solutions and suggestions</li> <li>• <b>PO 4:</b> Using various econometric and statistical models and techniques to evaluate policies implemented by the government.</li> </ul>
<b>6</b>	<b>Programme Specific Outcomes</b>	<ul style="list-style-type: none"> <li>• <b>PSO1:</b> To make the students understand the nature and scope of the economic behavior of the individuals and, firms and markets apart from the actual functioning of the macro economy <b>(PO1)</b></li> <li>• <b>PSO2:</b> Ability to analyze the factors affecting the price and output determination <b>(PO1)</b></li> <li>• <b>PSO3:</b> Ability of the student to understand the welfare angles of the economic decision making under various market systems <b>(PO3)</b></li> <li>• <b>PSO4:</b> Understand various monetary, fiscal and social parameters to understand sectoral growth <b>(PO2)</b></li> <li>• <b>PSO5:</b> Honing skills in research methodology and quantitative techniques to undertake and analyze economic problems by relevant statistical and econometric skills <b>(PO4)</b> <ul style="list-style-type: none"> <li>• <b>PSO6:</b> Ability to understand the structure, conduct and performance of various sectors like Industry, agriculture and human capital <b>(PO3)</b></li> </ul> </li> </ul>

<b>7</b>	<b>MAPPING BETWEEN POS AND PSOS</b>		<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>	<b>PSO6</b>
		<b>PO1</b>						
		<b>PO2</b>						
		<b>PO3</b>						
		<b>PO4</b>						
<b>8</b>	<b>Medium of Instruction</b>	<b>Gujarati and English</b>						

## PSO and CO Mapping

SR. NO	COURSE CODE	NAME OF THE COURSE	COURSE OUTCOME (Sem-1)																																							
1	CC01	<b>Micro Economics 1</b>	<p>Enable the students to</p> <p><b>CO-1:</b> understand the determinants of demand at the individual and firm level</p> <p><b>CO-2:</b> Understand the meaning of economic risk and understanding</p> <p><b>CO-3:</b> Understand the price and output determination under various market conditions</p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr> <th></th> <th style="width: 12.5%;">PSO1</th> <th style="width: 12.5%;">PSO2</th> <th style="width: 12.5%;">PSO3</th> <th style="width: 12.5%;">PSO4</th> <th style="width: 12.5%;">PSO5</th> <th style="width: 12.5%;">PSO6</th> </tr> </thead> <tbody> <tr> <td>CO-1</td> <td style="background-color: black;"></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO-2</td> <td></td> <td></td> <td></td> <td></td> <td style="background-color: black;"></td> <td></td> </tr> <tr> <td>CO-3</td> <td></td> <td style="background-color: black;"></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p style="text-align: center;">Syllabus for M.A. Economics (Effective from 2019-20)</p> <p style="text-align: center;">Faculty of Arts Veer Narmad South Gujarat University, Surat. M.A. Semester-1 CC-1: Micro Economics-I</p> <p>• Preamble</p> <p>This paper analysis the economic behaviour of individuals, firms and markets. It is mainly concerned with the objective of equipping the students in a rigorous and comprehensive manner with the various aspects of consumers' behaviour and demand analysis, production theory and concepts of costs, the theory of traditional markets and equilibrium of firm in modern non-profit maximizing framework. The paper also deals with the micro and macro theories of distribution, welfare economics, and general equilibrium in closed and open systems and analysis of economic behaviour under uncertainty.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 60%;"></td> <td style="text-align: right; border: none;"><b>PERIOD WEIGHTAGE</b></td> </tr> <tr> <td style="border: none;"><b>UNIT-1 DEMAND ANALYSIS</b></td> <td style="text-align: right; border: none;">10                      25</td> </tr> </table> <ul style="list-style-type: none"> <li>- Theory of Demand – Demand Determinants – Cardinal Utility Analysis – Law of Diminishing Marginal Utility - <span style="background-color: #e0f0ff;">Law of Diminishing Marginal Rate of Substitution.</span></li> <li>- Indifference curve –Characteristics of Indifference Curve – <span style="background-color: #e0f0ff;">Budget Line – Consumers Equilibrium</span> Income and substitution effects, <span style="background-color: #e0f0ff;">Hicks</span> and Slutsky Theorem</li> <li>- Revealed Preference Theory</li> <li>- Revision of Demand Theory of Hicks</li> </ul> </div>		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	CO-1							CO-2							CO-3															<b>PERIOD WEIGHTAGE</b>	<b>UNIT-1 DEMAND ANALYSIS</b>	10                      25
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M.A. Sem – I (Effective from- 2019-20)  
**CC-02 Macro Economics: I**

Weightage  
 [25%]

**Unit 1 : Nation Income and Social Accounting**

- Concept, importance, methods for calculations, limitations
- Circular flow of income – two ,three and four sector economy
- **National income and economic welfare**
- Social accounting – concept, importance.
- House hold, firms , government, capital account

**Unit 2 : Inflation ,Deflation and Stagflation**

[25%]

- Inflation,deflation-meaning.Demand pull and cost push inflation, inflationary and deflationary gap, **Control of inflation**
- Phillips curve hypothesis, short run- long run Phillips curve, natural rate of unemployment hypothesis
- Stagflation – meaning,causes and measures.
- Friedman-Phelps model of stagflation.

**Unit 3 : Demand for money and Supply of money**

[25%]

- Demand for money – concept. Keynesian, Post Keynesian approaches- **Friedman, Baumol and Tobin**
- Supply of money – concept, RBI approach to money supply, factors affecting money supply, **control of money supply**
- High powered money and money multiplier

**Unit 4 : Rate of interest and policies**

[25%]

- Rate of interest - Concept, **interest rate differentials**
- Theories : **Loanable Funds, Wicksell's** and Keynes.
- Macroeconomic policy –meaning, importance, objectives, instruments and limitations.

**REFERENCES :- \_Macro Economics**

- Acharya Shankar: (2008) Essays on macroeconomic policy and growth in India. Oxford University press.
- Agrawal V. (2010) Macro Economics: Theory and Policy, Dorling Kindersley (India) Pvt. Ltd.
- Chick, V. (1977), The Theory of Monetary Policy, 2<sup>nd</sup> Ed. Basil Blackwell
- Culbertson, J.M. (1971), Macroeconomic Theory and Stabilization Policy. McGraw-Hill. London

3

CC03

**Quantitative Methods for Economics 1**

Make the students understand

- the importance of statistics in economics
- acquaint them with the measures of central tendency and dispersion

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO-1						
CO-2						

			<p style="text-align: center;"><b>M.A. SEMESTER – I</b></p> <p style="text-align: center;"><b>CC-3: QUANTITATIVE METHODS FOR ECONOMICS - I</b></p> <p><b>Unit -1: Introduction to Statistics &amp; Measures of Central Tendency</b> [10]</p> <p>Statistics: Definitions, Data, Frequency Distribution, Measures of Central Tendency: Mean Median, Mode, Their Merits and Demerits.</p> <p><b>Unit -2: Dispersion and Skewness</b> [10]</p> <p>Range; Mean Deviation, Variance, Standard Deviation, Properties and their merits and Demerits - Coefficient of Variation its uses. Skewness – Definition – types</p> <p><b>Unit -3: Equations – Set Theory and Limit</b> [10]</p> <p>Rules. Equations - Linear, Quadratic and Simultaneous-Their applications in Economics. Set theory-Definition-types Applications in Economics Limit of function- Rules - applications in Economics</p> <p><b>Unit -4: Functions</b> [10]</p> <p>Various types of functions, functions used in Economic Linear and quadratic functions-Graph, interpretation of parameters-applications- Homogeneous function- applications.</p> <p><b>References: (for Statistics)</b></p> <ol style="list-style-type: none"> <li>1. A L Nagar And R K Das (1983): Basic Statistics, Oxford University Press, New Delhi, 2<sup>nd</sup> Ed.</li> <li>2. Chandan J (1998): Statistics for Business and Economics, Vikas Publishing House, New Delhi</li> <li>3. Dave M.B , Pandya K, Gaurang rami and Dilip Varsani ( 2014-15) <i>Quantitative Methods of Economics</i>, Popular, Surat (Gujarati)</li> <li>4. G S Monga (2000): Mathematics And Statistics For Economics, Vikas Publishing House, New Delhi, 2<sup>nd</sup> Ed.</li> <li>5. G V Shenoy &amp; Late.Madan Pant (1994) Statistical Methods In Business And Social Sciences, Macmillan India Pvt. Ltd,New Delhi</li> </ol>																					
4	EC01A	<b>Industrial Economics 1</b>	<p>The first of the four papers on industrial Economics makes the students understand</p> <ul style="list-style-type: none"> <li>• the nature and scope of Industrial Economics</li> <li>• understanding the functioning of the market</li> </ul> <table border="1"> <thead> <tr> <th></th> <th>PSO1</th> <th>PSO2</th> <th>PSO3</th> <th>PSO4</th> <th>PSO5</th> <th>PSO6</th> </tr> </thead> <tbody> <tr> <td>CO-1</td> <td style="background-color: black;"></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO-2</td> <td></td> <td></td> <td style="background-color: black;"></td> <td></td> <td></td> <td style="background-color: black;"></td> </tr> </tbody> </table>		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	CO-1							CO-2						
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CO-1																								
CO-2																								

**M.A. Semester –I**  
**EC-01- Industrial Economics-I**

**Unit-1 : Scope and Subject Matter of Industrial Economics**

- Industrial economics – Introduction, definition, scope
- Concepts of business firm- **plant** firm, **industry**
- Types of Ownership of business firms - private proprietorship, partnership firm, corporate firm, multinational firms- meaning, characteristics, advantages-disadvantages
- Objectives and Theory of firms –Baumol, Yarrow, Williamson model

**Unit-2 : Market Structure**

- Market structure – meaning and dimensions (Seller’s concentration, product differentiation, entry condition, economies of scale – meaning, internal and external, advantages-disadvantages , methods of measurement)
- Market structure and profitability
- Market structure and Innovation – Meaning, types, importance of innovation in industries

**Unit-3 : Market Conduct .**

- Methods of product pricing - Cost-plus pricing, Marginal Pricing, **Target return on investment pricing, Break-even pricing, Going rate pricing, Customary pricing, Dual price policy**
- Merger – Meaning, types, advantages-disadvantages, Factors affecting of merger
- Industrial location- Meaning, theory (Weber, Sargent Florence) and Factor affecting
- **Industrial inequality – Causes and steps**

**Unit-4 : Market Performance**

- Growth of firm- Meaning, necessity of growth of firm, Constraints of firm
- Theories of growth of firm – **Dauni, Panrose**, Marris Model
- Industrial Productivity– Meaning, measurement, factor affecting, causes and remedies for lower productivity in India.

5      EC01B      **Agricultural Economics 1**

The first of the four papers on Agricultural Economics makes the students

- understand the nature and scope of agricultural economics
- enable to explain the concepts of sustainable development
- apart from the those related to production economics.

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO-1						
CO-2						
CO-3						



**M.A. SEMESTER – I**  
**EC- 01 AGRICULTURAL ECONOMICS – I**

**1: Introduction to Agricultural Economics [25%]**

Nature and Scope of Agricultural Economics – Role of Agriculture in Economic Development – Special Characteristics of the Primary Sector – Interdependence Between Agriculture and the Rest of the Economy.– Agricultural Statistics in India: Coverage, Sources and Reliability.

**2: Models of Agricultural Development [25%]**

Transformation of Traditional Agriculture : The Schultizian Theory – Mellor’s Theory of Agricultural Development – Boserup’s Theory of Agricultural Development – Lewis Model of Economic Development – Ranis-Fei Model of Economic Development – Nelson’s Low Level Equilibrium Trap Theory.

**3: Sustainable Agricultural Development [25%]**

Sustainable Agricultural Development (Samposhit Krushi Vikas) – Organic Farming – Green House Farming - Development and Problems of Agricultural Allied Activities (Animal Husbandry – Dairy – Fishing – Poultry farm – Forest etc.) – Forest Resources – Types of Forests – Major and Minor Forest Product – Joint Forest Management - Problems of Deforestation - Environment Problems and Agriculture – Biodiversity

**4: Topic of Production Economics; Cost & Farm Management [25%]**

Introduction – Efficiency of Resource use – Technical, Allocative and Economic Efficiency – Technological Change – Adoption & Diffusion of New Technology – Risk and Uncertainty – Duality - Cost Concept – Farm Management. Farming Organisation: Corporate Agriculture – Contract Farming - Farm size and Productivity Debate

6	EC01C	<b>Economics of Human Resources 1</b>	<p>The first of the four papers on the Human resources economics the student learns</p> <ul style="list-style-type: none"> <li>• the concept of Human capital is at the core of development economics.</li> <li>• The student will understand the role of education in economic development.</li> <li>• The importance of Human capital</li> </ul>																												
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CO-3																															



**SEMESTER I**  
**EC-01: ECONOMICS OF HUMAN RESOURCES (EDUCATION)**

**UNIT-1: CONCEPT OF HUMAN CAPITAL AND HUMAN RESOURCES** 25 %

Concept of Human capital and Human Resources - Characteristics and aspects of Human Capital - comparison between Human capital and Physical capital - Measure of Human Capital and Methods - Human Development Index (HDI), Gender Development Index (GDI), Gender Empowerment Index (GEM), Gender Gap Index (GGI) and Multi-dimensional Poverty Index - UN's Sustainable Development Goals and Education.

**UNIT-2: EDUCATION AND ECONOMIC DEVELOPMENT** 25 %

Role of Education in Economic Development - Investment in Education: Economic Returns to Education - Private and Public returns to Education - Evaluating Educational Investments: Various types of Costs and Benefits of Education - Training: Importance of Training - types of training: General and Specific (On the Job and Off the Job training) - the Costs and Benefits of training - Determinants of "On the Job Training"

**UNIT -3: HUMAN RESOURCES AND DEVELOPMENT** 25 %

Indicators of Human development: Educational Indicators - Planning for Human resources and manpower: assessment and forecasting - techniques and methods - Brain Drain - concept and classification magnitude - the pull and push factors of brain drain.

**UNIT - 4: EDUCATIONAL FINANCE AND CHALLENGES** 25 %

Sources and state of Financing Education - Knowledge Commission of India - WTO and Challenges for Indian Education: Globalisation and its impact on Higher education in India - Privatisation of Education - Challenges and opportunities - Skill development in India: challenges and opportunities.

**References:**

UNDP: Various Human Development Reports. <http://hdr.undp.org/>  
[www.un.org/sustainabledevelopment/sustainable-development-goals/](http://www.un.org/sustainabledevelopment/sustainable-development-goals/)  
<http://www.un.org/sustainabledevelopment/news/communications-material>  
 Human Capital in Developing countries: <http://www.legconference.com/articles/human-capital-development-in-developing-countries>  
 Dae-Bong, Kwon.(2009). "Human Capital and its Measurement" OECD World Forum, The third OECD Forum on "Statistics, Knowledge and Policy" Charting Progress, Building visions, Improving Life. Busan, Korea, 27-30, October 2009. <http://www.oecd.org/worldforum2009.org>  
 Wong Mei Foong (2015) Human Capital and Economic Growth in Developing Countries, International Journal of Recent Advances in Organisational Behaviour and decision sciences. [www.globalbizresearch.org](http://www.globalbizresearch.org)  
 "Definition and Content Interpretation of Human Capital". Anale. Seria Informatica. Vol.IV. Issue. 1-2006. For Multi-Dimensional Poverty Index: <http://nph.oxfordjournals.org/> [www.nph.oxfordjournals.org/](http://www.nph.oxfordjournals.org/)

7 EC01D **Econometrics 1**

Enable the learners to relate the relationship of economic theories, concepts, statistics and mathematics in an glorified manner for advanced research and development.

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO-1						
CO-2						
CO-3						

**SEMESTER I**  
**EC- 01 ECONOMETRICS - I**  
(Statistics for Economics)

**Unit 1: Theory of Probability - I** [25%]

Definition - Methods - Finite and Infinite Set - Equality of Sets - Null Sets - Subset - Universal Set - Complement of a set - Venn diagram - Set operations - Union of two sets - Intersection of Sets - Difference Sets - Examples

**Unit 2: Theory of Probability - II** [25%]

A priori definition - Theorem on total probability - Addition and Multiplication Theorems - Conditional Probability - Random variable - Mathematical Expectation - Applications

**Unit 3: Hypotheses** [25%]

Meaning - Types of hypotheses - Critical region - Two types of error - Level of significance - Test of significance - Parametric test and Non parametric tests (theory) - Students t-test (examples)

**Unit :4 Chi-square test** [25%]

Chi-square distribution - Features of Chi-square distribution - Chi-square test for 2\*2 table - Chi-square test for 2\*K or K\*2 table - Examples

**References:**

1. A L Nagar And R K Das (1983): Basic Statistics, Oxford University Press, New Delhi, 2<sup>nd</sup> Ed.
2. Chandan J (1998): Statistics for Business and Economics, Vikas Publishing House, New Delhi
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5. G V Shenoy & Late.Madan Pant (1994) Statistical Methods In Business And Social Sciences, Macmillan India Pvt. Ltd, New Delhi
6. Jaiswal M.C.: (1974) *Arthvishayak Ankadashastra, Uni. Granthirman Board*, Ahmedabad (Gujarati)
7. K K Sharma & Sukhpal Singh (2000): Introductory Economic Theory And Elementary Statistics, Abhishek Publications, Chandigarh



			<p style="text-align: center;"><b>M.A. Economics – Semester – I</b> <b>ID – I: Paper – V (A): Research Methodology – I</b></p> <p><b>Unit – I: Type of Research and Approaches</b> [25%]</p> <p><b>Meaning of Research – Research in Social Sciences</b> – Use of social science research - Criteria of good research -Type of Research: Deductive Vs Analytical, Applied Vs Fundamental, Quantitative Vs Qualitative, Conceptual Vs Empirical – Applied research, Exploratory research, Descriptive research, Action research, Evaluation research, Experimental research, Empirical research, Survey research, Field investigation research, Ex-post facto research, historical research, Case study - Steps in Research Process</p> <p><b>Unit – II: Research Design and Review of Literature</b> [25%]</p> <p><b>Essentials of research design – Need for research design – Classification of research design – Causation and experimental design – Exploratory study – Descriptive study – Errors in research design – Types of research errors: Researcher error, Interviewer error, Respondent error – Purpose and objectives of review of literature – Types of literature – Literature search procedure – Sources of literature – Importance of review of literature</b></p> <p><b>Unit – III: Type of Data and Scale of Measurements</b> [25%]</p> <p><b>Meaning of data – Types of Data: Cross section data, Time series data, Panel data – Primary data and Secondary data: Advantages and Disadvantages – Documentary sources of data - Selection of Measurement scale -Measurement scales: Ratio Scale, Nominal scale, Ordinal Scale, Interval Scale, Likert Scale – Rating scale and Ranking scale – Criteria for good scale - Quantitative data and qualitative data - Sources of error in measurement - Sources of secondary data in India</b></p> <p><b>Unit – IV: Methods of Primary Data Collection</b> [25%]</p> <p><b>Primary data collection – Observation method: Direct observation, indirect observation – Interview Method: Advantages and Disadvantages of interview</b></p>
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10	ID1C	<b>Fundamentals of Accountancy 1</b>	<p>An interdisciplinary paper which allows the students to understand</p> <ul style="list-style-type: none"> <li>the basics of accountancy. The paper forms the basis of learning TALLY ERP through the certificate course offered by the Department</li> </ul>
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	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO-1						

**VEER NARMAD SOUTH GUJARAT UNIVERSITY.**  
**M.A. Semester-I**  
**Semester-I**  
**Fundamentals of Accountancy**  
(Syllabus effective from Academic Year 2019-20 onwards)

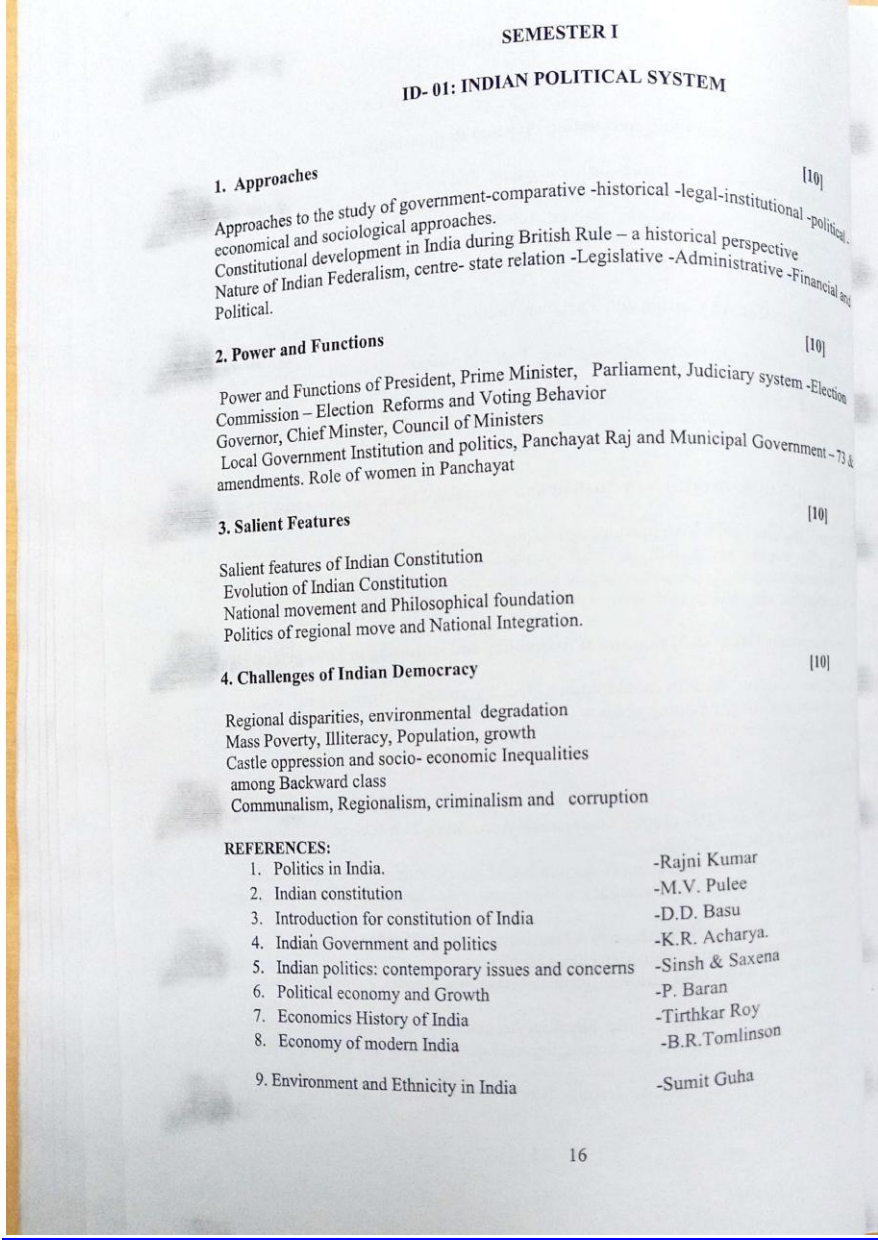
**Objectives:**

- To induct the students about accounting system.
- To give the idea about Principals of accountancy.
- To give introduction about Tally

No.	Particular	Weightage
1.	<b>Introduction of Accounting</b> <ul style="list-style-type: none"> <li>Meaning &amp; Definition of Accounting</li> <li>Objective, Advantages, Limitations, Qualitative Characteristics of Accounting Information.</li> <li>Basic Terminology - Bases of Accounting [Accrual &amp; cash] - Branches of Accounting ( Financial , Cost , Management)</li> </ul>	25%
2.	<b>Accounting Equation And Accounting Rules</b> <ul style="list-style-type: none"> <li>Type of Transactions [ Economic &amp; Non-Economic] - Recognize cash &amp; Credit transactions.</li> <li>Accounting Equation [Introduction to Assets (Non- Current, Current), Liabilities (Non- Current, Current), Equities]</li> <li>Understanding two effects on accounts.</li> <li>Classification Of Accounts &amp; Accounting Rules</li> </ul>	25%
3.	<b>Concepts Of Book-Keeping, Journal &amp; Subsidiary Books.</b> <ul style="list-style-type: none"> <li>Types of Accounting Systems, [Single &amp; Double Entry], Advantages of Accounting Systems.</li> <li>Meaning &amp; Format of Journal and Subsidiary books, Cash book, Purchase book, Purchase Return book, Sales book, Sales return book.</li> <li>Meaning &amp; Types of ledger</li> <li>Preliminary Examples of writing entries and Preparing ledgers</li> </ul>	25%
4.	<b>Capital, Revenue, Expenses &amp; Income.</b> <ul style="list-style-type: none"> <li>Capital, Revenue, Expenses &amp; Income.</li> <li>Deferred Revenue Expenses</li> <li>Examples of Classification of capital &amp; revenue expenses and Income.</li> </ul>	25%

**Note:-**  
1. Practical problems shall not exceed 70% of total weightage.



11	ID1D	<b>Indian Political System 1</b>	<p>Enables the students to understand the various political systems.</p> <ul style="list-style-type: none"> <li>• Enables the students to understand the constitutional framework</li> <li>• Reflect on the constitutional bodies and authorities</li> </ul> <table border="1"> <thead> <tr> <th></th> <th>PSO1</th> <th>PSO2</th> <th>PSO3</th> <th>PSO4</th> <th>PSO5</th> <th>PSO6</th> </tr> </thead> <tbody> <tr> <td>CO-1</td> <td></td> <td style="background-color: black;"></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> 		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	CO-1													
	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6																		
CO-1																								
12	SOC01	<b>Term Paper</b>	<p>This paper helps the students to</p> <ul style="list-style-type: none"> <li>• hone the skills of writing, and analyzing the current economic and social problems.</li> <li>• The students after submitting the term paper will have to face the viva-voce .</li> </ul> <table border="1"> <thead> <tr> <th></th> <th>PSO1</th> <th>PSO2</th> <th>PSO3</th> <th>PSO4</th> <th>PSO5</th> <th>PSO6</th> </tr> </thead> <tbody> <tr> <td>CO-1</td> <td></td> <td></td> <td></td> <td></td> <td style="background-color: black;"></td> <td></td> </tr> <tr> <td>CO-2</td> <td></td> <td></td> <td></td> <td></td> <td style="background-color: black;"></td> <td></td> </tr> </tbody> </table>		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	CO-1							CO-2						
	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6																		
CO-1																								
CO-2																								

PROGRAMME STRUCTURE				SEMESTER 1				
Course Code	Title	Teaching Hours		Course Credits	University Examinations		Internal Marks	Total Marks
		Theory	Practical		Duration	Marks		
CC-01	Micro Economics-1	40	-	4	2	50	20	70
CC-02	Macro Economics-1	40	-	4	2	50	20	70
CC-03	Quantitative Methods for Economics-1	40	-	4	2	50	20	70
EC01A	Industrial Economics 1	40	-	4	2	50	20	70
EC01B	Agricultural Economics 1	40	-	4	2	50	20	70
EC01C	Economics of Human Resources 1	40	-	4	2	50	20	70
EC01D	Econometrics 1	40	-	4	2	50	20	70
ID01A	Agribusiness	40	-	4	2	50	20	70
ID1B	Research Methodology 1	40	-	4	2	50	20	70
ID1C	Fundamentals of Accountancy 1	40	-	4	2	50	20	70
ID1D	Indian Political System 1	40	-	4	2	50	20	70
SOC01	Term Paper	20	-	2	Viva	50	20	70

SR. NO	COURSE CODE	NAME OF THE COURSE	COURSE OUTCOME (Sem-2)																					
13	CC04	<b>Micro Economics 2</b>	<ul style="list-style-type: none"> <li>Ability to have necessary theoretical insights to study the modern microeconomic theory.</li> <li>Ability to know about the important developments in economic theories</li> </ul> <table border="1"> <thead> <tr> <th></th> <th>PSO1</th> <th>PSO2</th> <th>PSO3</th> <th>PSO4</th> <th>PSO5</th> <th>PSO6</th> </tr> </thead> <tbody> <tr> <td>CO-1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO-2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	CO-1							CO-2						
	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6																		
CO-1																								
CO-2																								

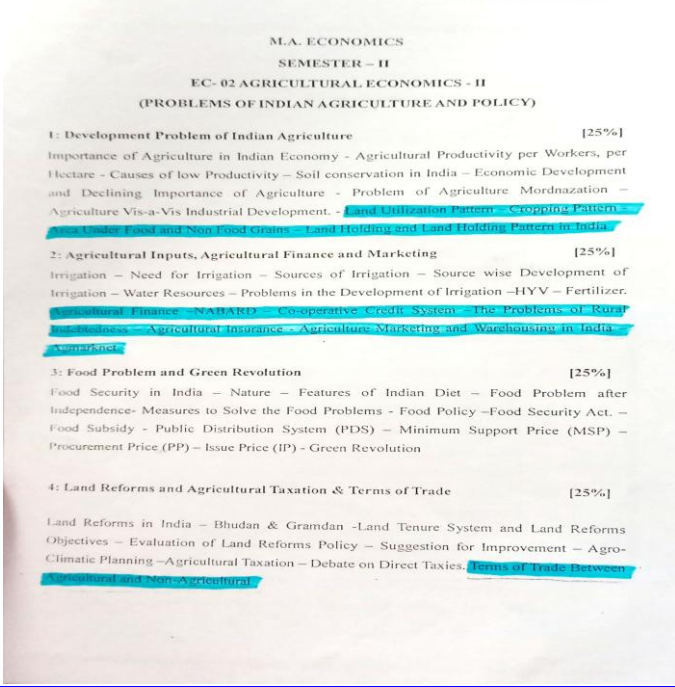
			<p><b>UNIT-2 GAME THEORY</b> 10 25</p> <ul style="list-style-type: none"> <li>• Meaning of Game</li> <li>• Payoff Matrix</li> <li>• Zero Sum Game and Constant Sum Game</li> <li>• MiniMax and MaxiMin Principles</li> <li>• Nash equilibrium</li> <li>• The prisoner's Dilemma</li> <li>• Mixed strategies</li> <li>• Repeated games</li> <li>• Sequential games</li> </ul> <p><b>UNIT-3 THEORIES OF DISTRIBUTION</b> 10 25</p> <ul style="list-style-type: none"> <li>• Neo Classical Approach- Marginal Productivity Theory of Distribution</li> <li>• Macro Theories of Distribution of Ricardian, Marxian, Kalecki and Kaldor's</li> <li>• Product exhaustion and Euler's theorem</li> </ul> <p><b>UNIT-4 WELFARE ECONOMICS</b> 10 25</p> <ul style="list-style-type: none"> <li>• Introduction to Welfare Economics</li> <li>• Pigovian Welfare Economics</li> <li>• Pareto Optimal Conditions/ Social Optimality</li> <li>• Social Welfare Function</li> <li>• Inability to obtain Welfare - Imperfections Market failure, decreasing costs, uncertainty and non-existent and incomplete markets</li> </ul>
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14	CC05	<b>Macro economics 2</b>	<p>Learners can extend his/her knowledge in the field of various functions viz.,</p> <ul style="list-style-type: none"> <li>• production, consumption, investment along business cycles.</li> <li>• Understanding the cyclical trends</li> <li>• Deeper understanding of interrelationship between macro-economic parameters</li> </ul> <table border="1"> <thead> <tr> <th></th> <th>PS01</th> <th>PS02</th> <th>PS03</th> <th>PS04</th> <th>PS05</th> <th>PS06</th> </tr> </thead> <tbody> <tr> <td>CO-1</td> <td style="background-color: black;"></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO-2</td> <td></td> <td style="background-color: black;"></td> <td></td> <td></td> <td style="background-color: black;"></td> <td></td> </tr> <tr> <td>CO-3</td> <td></td> <td style="background-color: black;"></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>M.A. Sem – II (Effective from- 2019-20)  <b>CC-05 Macro Economics : II</b></p> <p style="text-align: right;">Weightage</p> <p><b>Unit 1 : Consumption function , Investment function</b> [25%]</p> <ul style="list-style-type: none"> <li>• Keynes law of consumption function, factors affecting consumption function, measures to increase consumption spending.</li> <li>• Relative income, Absolute income, Life cycle , Permanent income hypothesis</li> <li>• Investment function – meaning, types, motivations for investment.</li> <li>• Marginal efficiency of capital and rate of interest, factors affecting marginal efficiency of capital.</li> </ul> <p><b>Unit 2 : Business cycle</b> [25%]</p> <ul style="list-style-type: none"> <li>• Meaning, phases, control of business cycle.</li> <li>• Hayek, Hicks, Cob-Web theory of business cycle.</li> <li>• <b>The real business cycle theory</b></li> </ul> <p><b>Unit 3 : AD-AS and IS-LM model</b> [25%]</p> <ul style="list-style-type: none"> <li>• General equilibrium model – IS-LM, <b>Extension of IS-LM</b></li> <li>• Classical and Keynesian views on income determination – AD/AS model</li> <li>• AD-AS model and relative effectiveness of monetary and fiscal policies.</li> </ul> <p><b>Unit 4 : Modern Macro Economics</b> [25%]</p> <ul style="list-style-type: none"> <li>• Adaptive and rational expectation theory</li> <li>• Supply side economics</li> <li>• Monetarism vs. Keynesianism.</li> <li>• <b>New Keynesian economics</b></li> </ul> <p><b>REFERENCES: - Macro Economics</b></p> <ul style="list-style-type: none"> <li>• Acharya Shankar: (2008) Essays on macroeconomic policy and growth in India. Oxford University press.</li> <li>• Agrawal V. (2010) Macro Economics: Theory and Policy, Dorling Kindersley (India) Pvt. Ltd.</li> <li>• Chick, V. (1977), The Theory of Monetary Policy, 2<sup>nd</sup> Ed. Basil Blackwell</li> <li>• Colbertson, J.M. (1971) Macroeconomic Theory, 1<sup>st</sup> Edition</li> </ul>		PS01	PS02	PS03	PS04	PS05	PS06	CO-1							CO-2							CO-3						
	PS01	PS02	PS03	PS04	PS05	PS06																									
CO-1																															
CO-2																															
CO-3																															





			<p style="text-align: center;"><b>M.A. Semester –II</b> <b>EC-02- Industrial Economics-2</b></p> <p><b>Unit-1 : Pattern of Industrial Development in India</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Industrial development and growth - meaning, trends and problems of industrial development in India</li> <li><input type="checkbox"/> Industrial policy - meaning, Objectives, main characteristics and evaluating in new industrial policy 1991</li> <li><input type="checkbox"/> Industries of Public Sector – Performance, Problems, Disinvestment</li> <li><input type="checkbox"/> Industries of Privet sector- Meaning, Importance, Problems.</li> </ul> <p><b>Unit-2 : Industrial finance</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Money market and Capital market – Meaning, Difference, Functions</li> <li><input type="checkbox"/> Objectives and functions of SEBI</li> <li><input type="checkbox"/> Sources of finance : Internal and External</li> <li><input type="checkbox"/> Special financial institutions ( IDBI, IFCI, ICICI, UTI, SFC, SIDBI )</li> <li><input type="checkbox"/> Foreign capital - Need, Government policy, FDI and FPI</li> </ul> <p><b>Unit-3 : Current problems of selective industries</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Agro based industries – importance, development and problems</li> <li><input type="checkbox"/> Iron and steel, Textile, Sugar, Coal, Cement, engineering, Chemical industries - development, problems and remedies</li> <li><input type="checkbox"/> Industrial sickness – meaning, causes and steps</li> <li><input type="checkbox"/> Impact on Indian industries of globalization</li> </ul> <p><b>Unit-4 : Small Scale Industries</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> SSI and Cottage industries in India- definition, difference, development, importance, problems and steps</li> <li><input type="checkbox"/> Development of SSI in Gujarat</li> <li><input type="checkbox"/> MSME – meaning, importance, development and performance</li> <li><input type="checkbox"/> SEZ- meaning, advantages-disadvantages</li> </ul>
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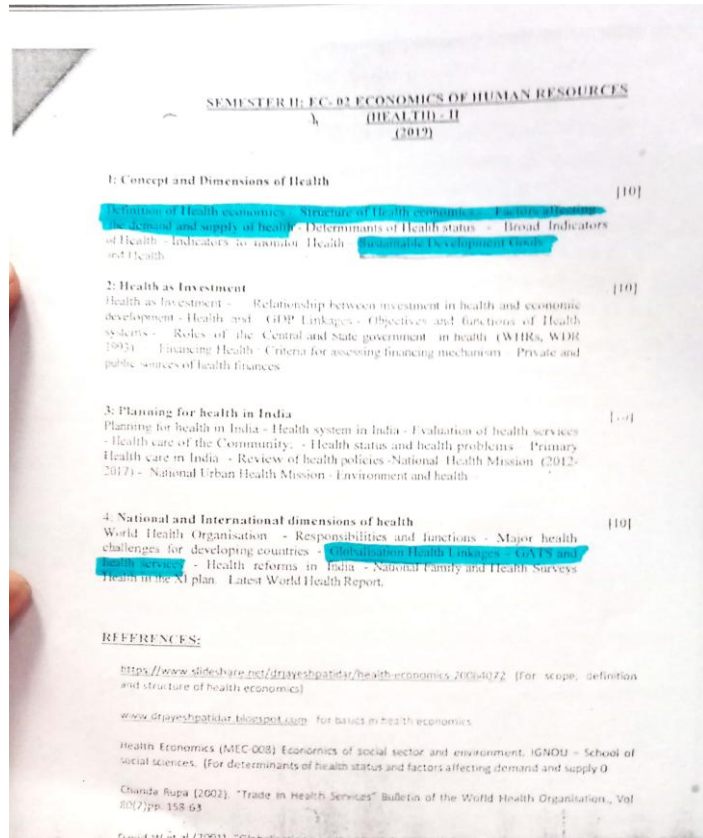
17	EC2B	<b>Agricultural Economics 2</b>	<p>The second of the four papers on Agricultural Economics makes the students understand</p> <ul style="list-style-type: none"> <li>• The agro-architecture of the developing economies like India..</li> <li>• Institutional mechanism related to finance and aspects like land-reforms and taxation</li> </ul> <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th></th> <th>PSO1</th> <th>PSO2</th> <th>PSO3</th> <th>PSO4</th> <th>PSO5</th> <th>PSO6</th> </tr> </thead> <tbody> <tr> <td>CO-1</td> <td style="background-color: black;"></td> <td></td> <td></td> <td></td> <td></td> <td style="background-color: black;"></td> </tr> <tr> <td>CO-2</td> <td></td> <td></td> <td style="background-color: black;"></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>  <p style="text-align: center;"><b>M.A. ECONOMICS</b> <b>SEMESTER – II</b> <b>EC- 02 AGRICULTURAL ECONOMICS - II</b> <b>(PROBLEMS OF INDIAN AGRICULTURE AND POLICY)</b></p> <p><b>1: Development Problem of Indian Agriculture [25%]</b> Importance of Agriculture in Indian Economy - Agricultural Productivity per Workers, per Hectare - Causes of low Productivity – Soil conservation in India – Economic Development and Declining Importance of Agriculture - Problem of Agriculture Modernization – Agriculture Vis-a-Vis Industrial Development. - Land Utilization Pattern – Cropping Pattern – Cereals Under Food and Non Food Grains – Land Holdings and Land Holding Pattern in India</p> <p><b>2: Agricultural Inputs, Agricultural Finance and Marketing [25%]</b> Irrigation – Need for Irrigation – Sources of Irrigation – Source wise Development of Irrigation – Water Resources – Problems in the Development of Irrigation –HYV – Fertilizer. Agricultural Finance – NABARD – Cooperative Credit System – The Problems of Rural Entrepreneurship – Agricultural Insurance – Agriculture Marketing and Warehousing in India. – Export Price</p> <p><b>3: Food Problem and Green Revolution [25%]</b> Food Security in India – Nature – Features of Indian Diet – Food Problem after Independence- Measures to Solve the Food Problems - Food Policy –Food Security Act. – Food Subsidy - Public Distribution System (PDS) – Minimum Support Price (MSP) – Procurement Price (PP) – Issue Price (IP) - Green Revolution</p> <p><b>4: Land Reforms and Agricultural Taxation &amp; Terms of Trade [25%]</b> Land Reforms in India – Bhudan &amp; Gramdan -Land Tenure System and Land Reforms Objectives – Evaluation of Land Reforms Policy – Suggestion for Improvement – Agro-Climatic Planning –Agricultural Taxation – Debate on Direct Taxes. Terms of Trade Between Agricultural and Non-Agricultural</p>		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	CO-1							CO-2						
	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6																		
CO-1																								
CO-2																								
18	EC2C	<b>Economics of</b>	The second of the four papers on the Human resources economics,																					

**Human Resources 2**

the student learns

- that the concept of Human capital is at the core of development economics.
- The student will understand the role of education in economic development.
- 

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO-1						
CO-2						



19

EC2D

**Econometrics 2**

The second of the four papers on Econometrics,

- enables the students to understand the various statistical packages to analyze cross-section, time-series and panel data for policy making.
- 

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO-1						
CO-2						
CO-3						

**M.A. – ECONOMICS**  
**EFFECTIVE FROM JUNE – 2019**  
**SEMESTER-II**  
**EC- 02 ECONOMETRICS - II**  
 (Project Dissertation: Applied Statistics for Economics)

**Unit 1: Introduction of SPSS** [25%]  
 Data file – Data entry – Modification of data – Variable – Scale of Measurement – Output file – Functions – Charts and Graphs.

**Unit 2: Univariate Statistics** [25%]  
 Measures of Central Tendency – Mean – Median – Mode – Measures of Dispersion – Range – Mean deviation – Standard Deviation – Coefficient of Variation – Skewness – Kurtosis

**(3) Bivariate Statistics** [25%]  
 Correlation and Regression – Scatter plot – Pearson Correlation – Spearman Correlation – Bivariate Regression – Multiple Regression

**(4) Inferential Statistics** [25%]  
 t-test – One sample t-test – Independent sample t-test – Paired sample t-test – One way ANOVA - Chi-square test – Phi coefficient – Cramer's V – Kendall's tau b - Chi-square test for 2\*2 – Chi-square test for 2\*K or K\*2

**Evaluation Method:**  
 (1) There is NO Theory Paper. Paper is based on Project Dissertation  
 (2) University Examination: Project Dissertation Report + Viva Voce Examination Of Total 50 Marks - Project Dissertation Report: 35 Marks and Viva-Voce Examination: 15 Marks  
 (3) Internal Evaluation: Total 20 Marks (Practical Examination)  
 (4) Total Marks: 50 + 20 =70 Marks

**References:**  
 1. Carver and Nash (2006), Doing Data Analysis with SPSS Version 14, Cengage Learning India Private Ltd., New Delhi  
 2. George Darren and Mallery Paul (2006), 6th ed., SPSS for Windows – Step by Step, Pearson Education in South Asia, New Delhi

20 ID2A **Agribusiness**

The second of the two papers related to inter-disciplinary areas enables the learners to

- understand the broader scope and nature of agri-business in India.
- The various institutional architecture
- 

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO-1						
CO-2						
CO-3						

**SEMESTER –II**  
**ID- 02 AGRIBUSINESS**

**1. Rural Marketing:** [10]  
 Features, Significance, Scope and Limitations Segmentation in rural marketing – Classification of products and services in Rural marketing –Marketing Mix for rural products. Innovative Distribution Channels like ITC E-choupal, Godrej Adhar, HUL Shakti

**2. Agriculture Marketing:** [10]  
 Definition, Scope, Concept and Objectives, Differences in Agricultural and Consumer Marketing, Constraints in Agricultural marketing. Role of Agriculture in Economics Development: APMCS, Agricultural Marketing in India.

**3. Agribusiness:** [10]  
 Emerging Branches- Non Conventional forms of Agribusiness- Export potential for farm products- Supporting Services. Cooperative Marketing- Concept, History, Functions- Reasons for slow progress of Cooperative Sector.

**4.** [10]  
 Advantages & Limitations of Organized retailing in Agri Inputs and Outputs. Recruitment of Human Resources in Agri. marketing and new trends in Agri Marketing. SCM in Agri Business National Horticultural Mission. Warehousing; Agriculines; Agribusiness center.

**References:**  
 1. S.S. Acharya and N. L. Agarwal, Agricultural Marketing in India, Oxford & IBH Publishing Co Pvt Ltd, Calcutta.  
 2. Subhash Bhawe, Agribusiness Management in India – Text & Cases  
 3. National Horticultural Mission ([www.nhm.nic.in](http://www.nhm.nic.in))



VEER NARMAD SOUTH GUJARAT UNIVERSITY.  
M.A. Semester-II  
Semester-2  
Fundamentals of Accountancy  
(Syllabus effective from Academic Year 2019-20 onwards)

Objectives:

- To induct the students about Computerised Accounting System.
- To give the idea about accountancy software.
- To give introduction about Tally

No.	Particular	Weightage
1.	<b>Preparation of Final Accounts</b> <ul style="list-style-type: none"> <li>Meaning and objective of Trial balance, Advantages and Disadvantages, Methods of preparing trial balance</li> <li>Basic examples of Trial balance</li> <li>Define Final Accounts ,Objective ,Advantages, Limitation</li> <li>Format of Final Accounts as per Company act,2013 Schedule-3 P&amp;L A/C &amp; Balance sheet( Only theory)</li> </ul>	25%
2.	<b>Management Accounting:</b> <ol style="list-style-type: none"> <li>1.1 Meaning, nature, scope and functions of management accounting</li> <li>1.2 Role of management accounting in decision making</li> <li>1.3 Management accounting vs. financial accounting</li> <li>1.4 Tools and techniques of management accounting</li> </ol>	25%
3.	<b>Accounting for Decision Making</b> <ul style="list-style-type: none"> <li>The concept of differential cost; Cost profit volume analysis- BEP analysis (only basic examples)</li> </ul>	25%
4.	<b>Computer Accounting - Tally</b> (Basic knowledge of computer accounting) Introduction-Variou components of a computer including hardware and software-Features of personal computers-Role of computer accounting - Advantages - Limitations - Why computerization-preparatory work - Master creation, Generation of printouts - preservation of data (recommended Tally software system - latest version at the time of beginning of the respective academic year)	25%

Note: Practical problems shall not exceed 70% of total weightage

23 ID2D

**Indian Political System 2**

The second in continuation of the one in the first semester enables the students get appraised and understand about

- Center-state financial and other federal issues
- Important Constitutional amendments
- challenges of National integration

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO-1						
CO-2						
CO-3						

M.A. Economic-sem-II  
ID-2: Indian Political System-II

**Unit-1 The Centre State Relation**

- Legislative Relations
- Administrative Relations
- Financial Relations
- Demands for state autonomy

**Unit-2 Local Self Government**

- Meaning, scope & Importance of local self-Government
- 73<sup>rd</sup> and 74<sup>th</sup> Amendment
- Challenges Against Local Self Government
- Roll of Women in Panchayat

**Unit-3 Constitutional Bodies**

- Election Commission
- Union Public Service Commission
- NITI AAYOG/ Finance Commission
- Comptroller & Auditor General of India

**Unit-4 Challenges of National Integration.**

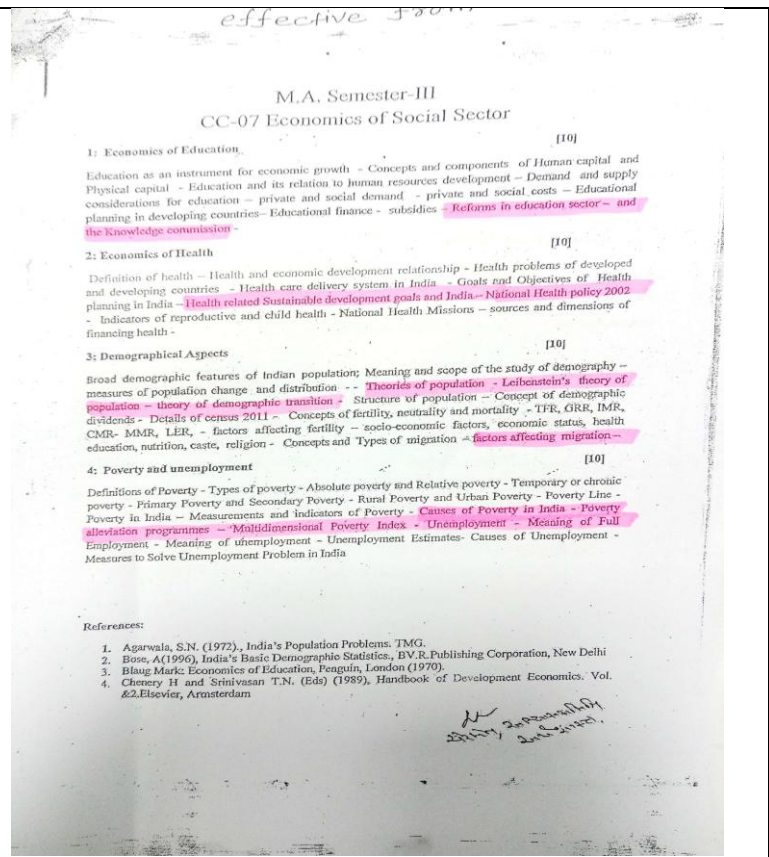
- Casteism
- Regionalism
- Population explosion
- Environmental degradation
- Corruption



24	SOC2	<b>Term Paper</b>	<p>A mandatory requirement for the student in all the semesters.</p> <ul style="list-style-type: none"> <li>• It helps the student to sharpen the writing and understanding skills related to cores issues concerning the economy.</li> <li>• The student uses the quantitative, qualitative and research methodology skills</li> </ul>																												
			<table border="1"> <thead> <tr> <th></th> <th>PSO1</th> <th>PSO2</th> <th>PSO3</th> <th>PSO4</th> <th>PSO5</th> <th>PSO6</th> </tr> </thead> <tbody> <tr> <td>CO-1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO-2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO-3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	CO-1							CO-2							CO-3						
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PROGRAMME STRUCTURE				SEMESTER 2				
Course Code	Title	Teaching Hours		Course Credits	University Examinations		Internal Marks	Total Marks
		Theory	Practical		Duration	Marks		
CC04	Micro Economics 2	40	-	4	2	50	20	70
CC05	Macro economics 2	40	-	4	2	50	20	70
CC06	Quantitative Methods for Economics 2	40	-	4	2	50	20	70
EC2A	Industrial Economics 2	40	-	4	2	50	20	70
EC2B	Agricultural Economics 2	40	-	4	2	50	20	70
EC2C	Economics of Human Resources 2	40	-	4	2	50	20	70
EC2D	Econometrics 2	-	40	4	Viva	50	20	70
ID2A	Agribusiness	40	-	4	2	50	20	70
ID2B	Research Methodology 2	40	-	4	2	50	20	70
ID2C	Fundamentals of Accountancy 1	40	-	4	2	50	20	70
ID2D	Indian Political System 2	40	-	4	2	50	20	70
SOC2	Term Paper	20	-	2	Viva	50	20	70

SR. NO	COURSE CODE	NAME OF THE COURSE	COURSE OUTCOME (Sem-3)																												
25	CC07	<b>Economics of Social Sector</b>	<p>While trying to sensitize the student on the social issues the paper in the end helps the student</p> <ul style="list-style-type: none"> <li>• enable to focus on important issues like education and its role in economic development</li> <li>• appraise himself about the Health architecture and its functioning in a developing economy like India</li> <li>• Understand the various dimensions of poverty and interrelated issues.</li> </ul>																												
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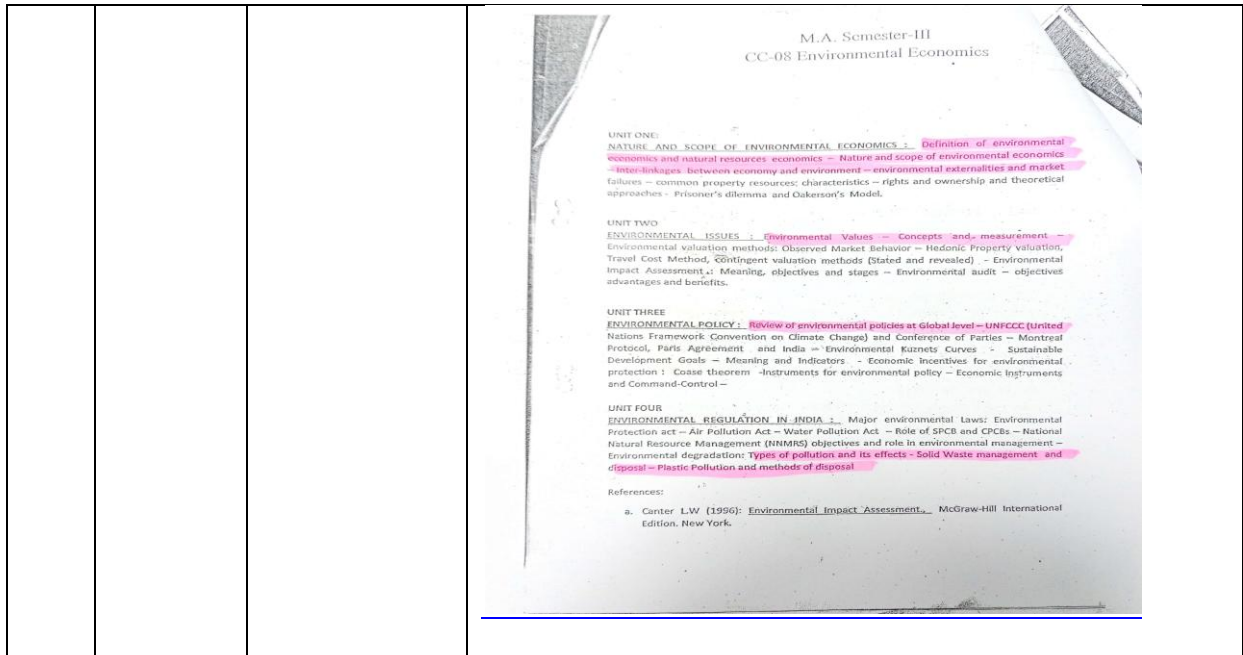
26 CC08 **Environmental Economics**

At the end of this paper the student gets aware of the

- Linkages between environmental issues and the economy
- Various national and international regulations, treaties and laws pertaining to the problems related to environment
- Theoretical approaches towards management of environment-assets as a common property

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO-1						
CO-2						
CO-3						





27	CC09	<b>Theories of Growth and Development</b>	<p>This paper at the end of the term the student is aware of</p> <ul style="list-style-type: none"> <li>• Various general and partial theories of economic development</li> <li>• Analyzing the nature and causes resulting in development debates</li> </ul> <table border="1"> <thead> <tr> <th></th> <th>PSO1</th> <th>PSO2</th> <th>PSO3</th> <th>PSO4</th> <th>PSO5</th> <th>PSO6</th> </tr> </thead> <tbody> <tr> <td>CO-1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO-2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	CO-1							CO-2						
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CO-1																								
CO-2																								



			<p style="text-align: right;">2020-21</p> <p style="text-align: center;">SEMESTER – III EC- 03 AGRICULTURAL ECONOMICS – III</p> <p>1: Behavior of Agricultural Prices [25%] Role of Price Policy - Trend of Agricultural Price in India - Cob-web Formulation and its Relevance in Price Theory in Agricultural Sector – Short Run Price and Income Instability in Agricultural Sector – Role of Public Price and Distribution Policy Stabilization and Support Policies – Sectoral Terms of Trade its Role in Mobilization of Market Surplus.</p> <p>2: Agricultural Labour &amp; Problems of the Marginal and Small Farmers [25%] Agricultural Labour and Rural Unemployment – Rural / Urban unemployment – Current Situation of Agricultural Labour in India - Agricultural Labour and Minimum Wages - Rural Industrialization – Abolition of Bonded Labour – Recommendations of the National Commission on Rural Labour (NCRL) – Problems of Marginal and Small Farmers</p> <p>3: Analysis of Agricultural Market &amp; the Economics of Agricultural Production [25%] Introduction – Economics of Market Demand – Basic Demand Relationship – The Market Demand Curve – Elasticities of Demand – Role of Intermediaries – Factor of Effect Agricultural Production and Demand. Agricultural Production Function – Forms of Production Function Single Variable – Quadratic Form – Cobb Douglas – CES and Relevance in Agriculture – Least Cost Combination of Input and Identifies the Highest Profit Point – Multiple Regression Analysis in Agricultural Production Function – Size of Farms and Productive Efficiency - Input - Output Relationship – Factor - Factor Relationship and Product-Product Relationships – Farm Budgeting.</p> <p>4: Rural Development and Agriculture &amp; The State and the Agriculture [25%] Role of Agriculture in Rural Development – Role of Krushi Vigyan Kendra (KVK) – Current Scenario of Agriculture - The Role of State in Agriculture Development – Problems and Prospects of Indian Agriculture – Various Schemes of Agriculture – Agriculture Policy – Agricultural Development in Gujarat</p>	3 Agricultural Eco
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30	EC3C	<b>Economics of Human Resources 3</b>	<p>The third in the four part elective, by the term end helps the student to</p> <ul style="list-style-type: none"> <li>• Understand the theoretical issues pertaining to labour market like those of brain drain, migration and man power planning.</li> <li>• Theories and policies pertaining to wage determination</li> <li>• understand the structure, conduct and performance of the social security framework</li> </ul>
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	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
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CO-2						
CO-3						

NEW Syllabus: 2017-18 (M.A. Economics : SEM – III)  
EC – 03 : Economics of Human Resources

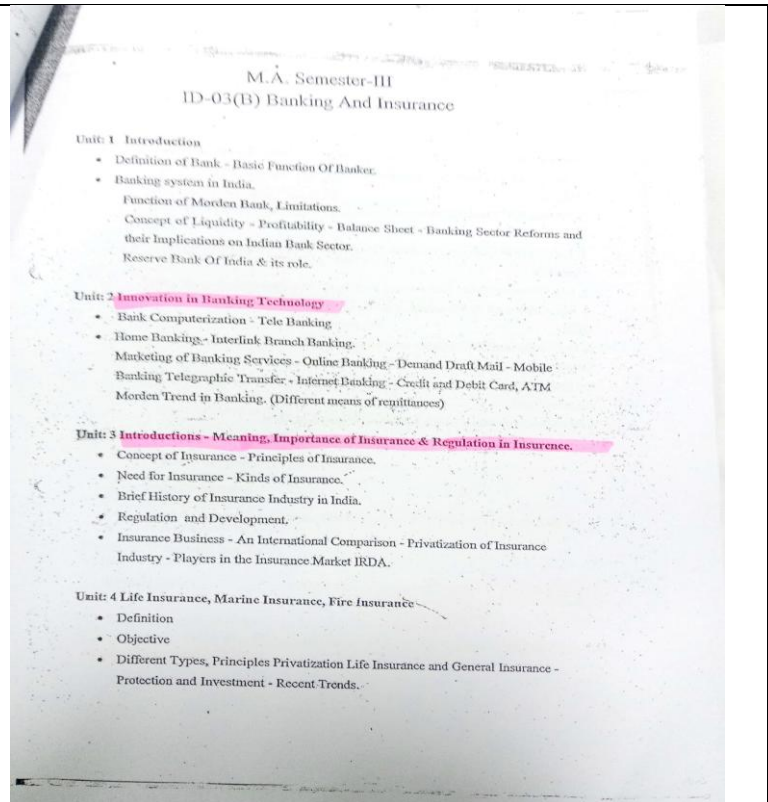
**PREAMBLE**  
Issues related to the labour market, migration, wage policy, wage determination theories, employment policies, productivity of labour and brain-drain in the globalized economy have become important for developing countries. India, where the bulk of the labour force is in the unorganized sector, the importance of issues such as unemployment as well as social security for the growing millions continues to assume significance. This Paper exposes theoretical as well as empirical issues relating to the human resources with special reference to India.

(weight)

<p><b>Unit 1: Labour Market and Manpower Planning</b> (25%)</p> <ul style="list-style-type: none"> <li>• Labour market: Concept, characteristics, recent challenges.</li> <li>• Determination in rural, urban, organized, unorganized sector.</li> <li>• Man power planning: Concept, importance, objectives, features, forms.</li> <li>• Migration: concept, causes, types and effects of migration.</li> <li>• Brain – Drain: concept, causes, types and effects of brain drain.</li> <li>• Measures to reduce brain drain.</li> </ul>	(25%)
<p><b>Unit 2: Wage policy and Wage determination</b> (25%)</p> <ul style="list-style-type: none"> <li>• Meaning, Importance, aims, and limitation of wage policy.</li> <li>• Wage variation and factors affecting wage.</li> <li>• Wage and non wage components.</li> <li>• Theories of wage determination.</li> </ul>	(25%)
<p><b>Unit 3: Unemployment and Social Security</b> (25%)</p> <ul style="list-style-type: none"> <li>• Unemployment: meaning, reasons, kinds of unemployment.</li> <li>• Employment generation schemes and programmes in India.</li> <li>• Meaning and importance of social welfare and social security.</li> <li>• Social security schemes of India.</li> <li>• Employment Exchanges.</li> </ul>	(25%)
<p><b>Unit 4: Share of wages and Productivity</b> (25%)</p> <ul style="list-style-type: none"> <li>• Share of wages: concept and various opinions.</li> <li>• Factors affecting share of wages in India.</li> <li>• Productivity of labour: meaning, reasons for low productivity</li> <li>• Factors affecting labour productivity in India.</li> <li>• Profit sharing: concept, bases, advantages and limitations.</li> </ul>	(25%)







34

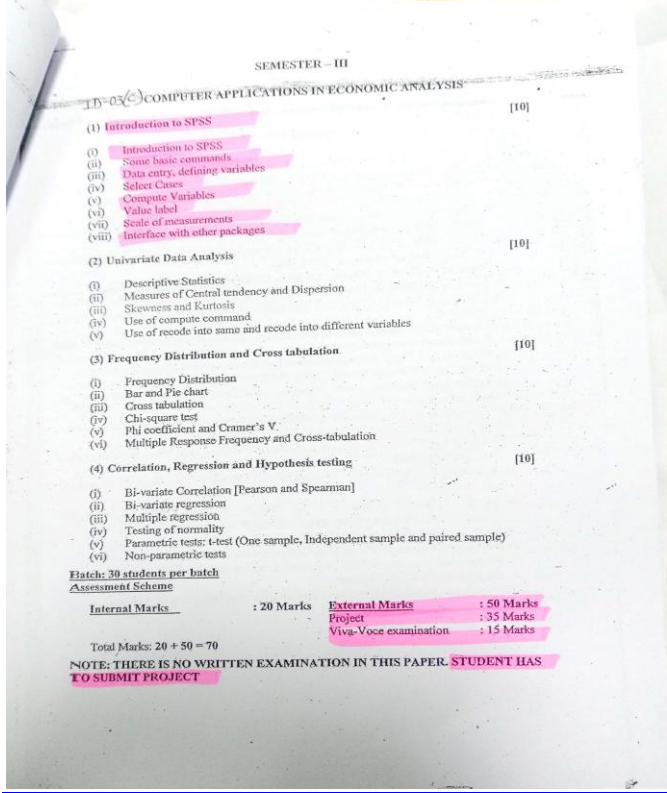
ID3C

**Computer Applications in Economic Analysis**

- On the completion of this paper, the student is expected to have an hands-on experience of using the soft-wares.
- Students are given topics to be studied by administering questionnaires, and the secondary data. This data is analysed by using the SPSS Software to prepare a report to be reviewed by viva-voce apart from external evaluation.

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
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CO-2						
CO-3						

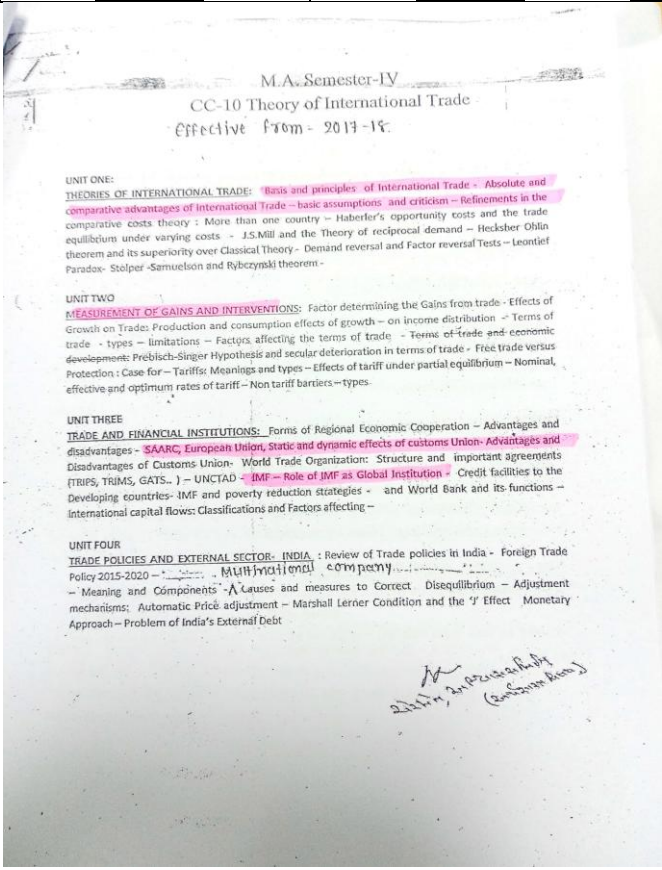


																															
35	SOC3	<b>Term Paper</b>	<p>A mandatory requirement for the student in all all the semesters.</p> <ul style="list-style-type: none"> <li>It helps the student to sharpen the writing and understanding skills related to cores issues concerning the economy.</li> </ul> <p>The student uses the quantitative, qualitative and research methodology skills</p> <table border="1"> <thead> <tr> <th></th> <th>PSO1</th> <th>PSO2</th> <th>PSO3</th> <th>PSO4</th> <th>PSO5</th> <th>PSO6</th> </tr> </thead> <tbody> <tr> <td>CO-1</td> <td colspan="6" style="background-color: black;"></td> </tr> <tr> <td>CO-2</td> <td colspan="6" style="background-color: black;"></td> </tr> <tr> <td>CO-3</td> <td colspan="6" style="background-color: black;"></td> </tr> </tbody> </table>		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	CO-1							CO-2							CO-3						
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CO-1																															
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PROGRAMME STRUCTURE				SEMESTER 3				
Course Code	Title	Teaching Hours		Course Credits	University Examinations		Internal Marks	Total Marks
		Theory	Practical		Duration	Marks		
CC07	Economics of Social Sector	40	-	4	2	50	20	70
CC08	Environmental Economics	40	-	4	2	50	20	70
CC09	Theories of Growth and Development	40	-	4	2	50	20	70
EC3A	Industrial Economics 3	40	-	4	2	50	20	70
EC3B	Agricultural Economics 3	40	-	4	2	50	20	70
EC3C	Economics of Human Resources 3	40	-	4	2	50	20	70



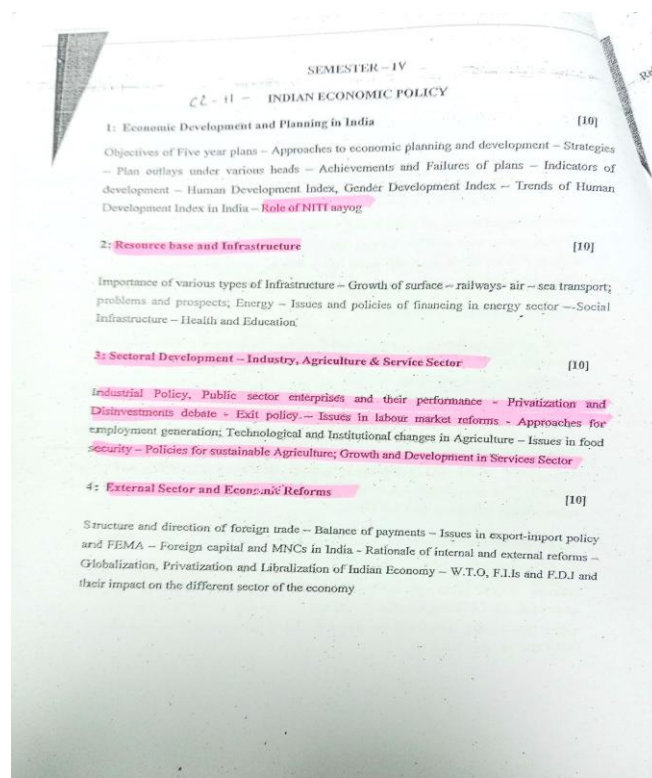
EC3D	Econometrics 3	40	-	4	2	50	20	70
ID3A	Business Environment	40	-	4	2	50	20	70
ID3B	Banking and Insurance	40	-	4	2	50	20	70
ID3C	Computer Applications in Economic Analysis (project based)	-	40	4	Viva	50	20	70
SOC3	Term Paper	20	-	2	Viva	50	20	70

SR. NO	COURSE CODE	NAME OF THE COURSE	COURSE OUTCOME (Sem-4)																												
36	CC10	Theories of International trade	<p>After being examined in this paper, the student is able to understand the nature and causes of International trade.</p> <ul style="list-style-type: none"> <li>The student is made aware of the nature of interventions in the international market</li> <li>The gets aware of the various financial and trade institutions responsible for international trade among the nations</li> <li>Finally the student realizes the nature and scope of the trade policies and the architecture of external structure</li> </ul> <table border="1" style="margin-top: 10px;"> <thead> <tr> <th></th> <th>PSO1</th> <th>PSO2</th> <th>PSO3</th> <th>PSO4</th> <th>PSO5</th> <th>PSO6</th> </tr> </thead> <tbody> <tr> <td>CO-1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO-2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO-3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> 		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	CO-1							CO-2							CO-3						
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37	CC11	Indian Economic Policy	<p>The student after learning this paper enables himself about</p> <ul style="list-style-type: none"> <li>The history of planning and development in India</li> <li>Issues pertaining to Infrastructural growth vis-à-vis</li> </ul>																												

social and economic ones.

- The role of External sector and economic reforms over the years.

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO-1						
CO-2						
CO-3						



38

CC12

**Public Economics: theory and Policy**

On the completion of this paper the student is able to

- Understand the functions of the state vis-à-vis the allocation and distribution of resources among various social and economic sector.
- Understand the process of decision making by state and the limitations of the same
- Understand the various theories and aspects of public debt and expenditure
- Enable the understanding of the fiscal federalism through the functioning of finance commissions

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO-1						
CO-2						
CO-3						

SEMESTER-H <sup>IV</sup>  
CC-12 PUBLIC ECONOMICS: THEORY & POLICY

1: Introduction and Public Choice

Role of Government in organized society - Musgrave classification of the government functions Normative system of public finance - government in a mixed economy; public and private sector. Cooperation or competition; Government as an agent for economic planning and development; Government as a tool for operational sing the planning process; -private goods, public goods, and merit goods. Public Choice:- Private and public mechanism for allocating resources; Problems for allocating resources; Problems of preference revelation and aggregation of preferences; types of Voting and problems of it; Political equilibrium and its determinants

2: Rationale for Public Policy; Taxation

Allocation of resources - provision of public goods; voluntary exchange models; - public goods -impossibility of decentralized provision of public goods (contributions of Samuelson and Musgrave); Stabilization Policy -Market failure and reasons behind it - public goods(imperfections, adverse effects, imperfection of information,- Future Market)Theory of second best., Taxation:- Functional classification of taxes - Theory of optimal taxation; Trade-off between equity and efficiency; theory for measurement of dead weight losses; Laffer Curve.

3. Public Debt and Public expenditure

Principles of public debt -public debt - resources of public debt-- Debt management and Repayment Method - Recent trends in Public debt with reference to India. Realistic Ideal Principles of Public expenditure - types and standards of public expenditure- Trends in Public expenditure in context to India - role of fiscal policy in developing nations - interdependency of fiscal policy and finance policy - different deficiency in budget

4. Fiscal Policy, Federal Finance

Principles of Federal finance system - Federal finance system in India- Principles of federal finance - Fiscal federalism in India - Centre State Financial Relations and constitutional provision - different state and central finance commissions and standards of tool allocation - Indian tax System- direct and indirect tax reforms - Kelkar committee and its recommendations - GST and its characteristics, its field of function and related problems - current Union budget .

39

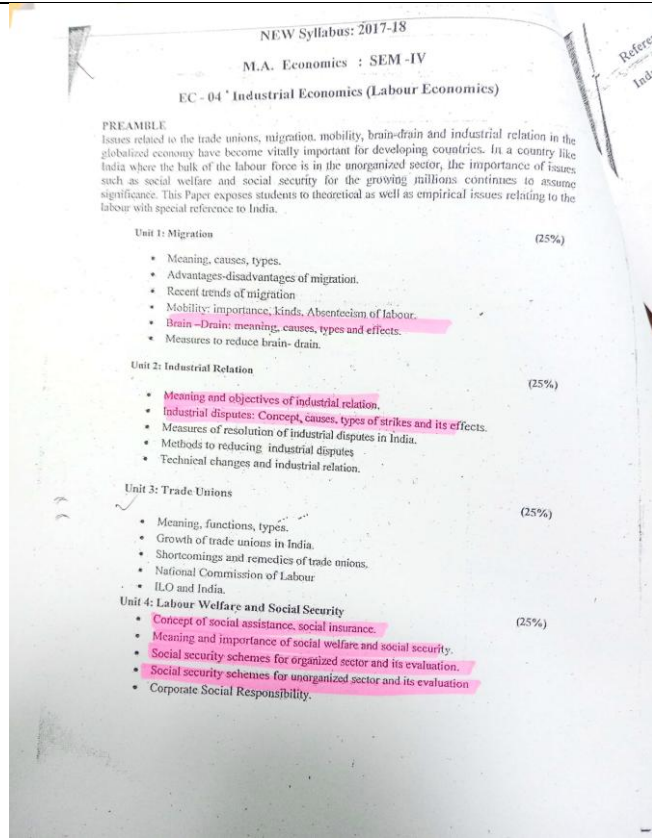
EC4A

**Industrial Economics 4**

The paper which is the fourth in the four-part elective help the students to

- Enable them concepts of labour welfare and social security
- Understand the Importance, meaning and objectives of industrial relations
- Understand the role of trade unions in the current times.

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO-1						
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40	EC4B	<b>Agricultural Economics 4</b>
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The paper which fourth in the four part elective is about

- Preparing the dissertation on the topics suggested by the department. The student is free to choose a topic on his own in consultation with the faculty.
- The student is expected to use the tools and methods suggested in the papers on research methodology.

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
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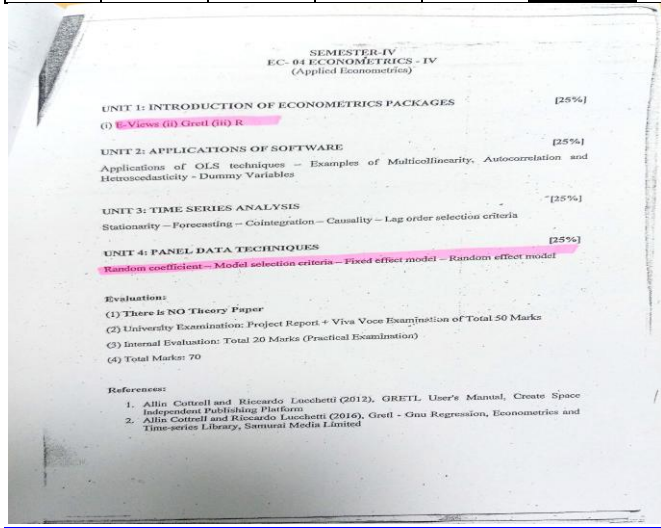
41	EC4C	<b>Economics of Human Resources 4</b>	<p>The paper fourth in the part of elective prepares the student to</p> <ul style="list-style-type: none"> <li>• Understand social issues pertaining to women and child labour</li> <li>• Industrial relations and trade issues</li> </ul>
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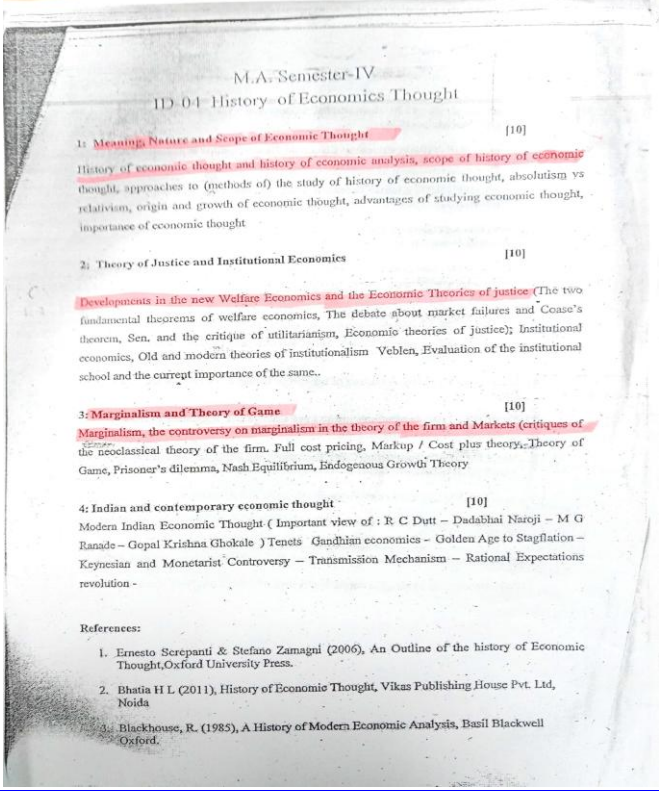
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<b>NEW Syllabus: 2017-18 (M.A. Economics : SEM-IV)</b> <i>Resoures</i> <b>EC - 04 Economics of Human Resources</b>						
<p><b>PREAMBLE</b>  Issues pertaining to the industrial relation, industrial disputes, trade unions in the globalizing economy have become important for developing countries. India, where the bulk of the labour force is in the unorganized sector, the importance of issues such as implementation of labour legislations, child and female labour, gender discrimination for the growing millions continues to assume significance. This Paper exposes theoretical as well as empirical issues relating to the human resources with special reference to India.</p>						
( weight)						
<b>Unit 1: Industrial Relation</b> (25%) <ul style="list-style-type: none"> <li>• Meaning, objectives of industrial relation.</li> <li>• Industrial disputes: Concept, causes, kinds, types of strikes.</li> <li>• Methods of settlements of industrial disputes in India.</li> <li>• <b>Precautionary methods of industrial peace in India.</b></li> <li>• <b>National Commission of Labour</b></li> </ul>						
<b>Unit 2: Trade Unions</b> (25%) <ul style="list-style-type: none"> <li>• Definition, functions, weaknesses and their remedies of trade unions.</li> <li>• Growth of trade unions in India.</li> <li>• ILO and India.</li> <li>• <b>Social responsibility of industries.</b></li> </ul>						
<b>Unit 3: Female and Child Labour</b> (25%) <ul style="list-style-type: none"> <li>• Woman participation in India.</li> <li>• Problems of female workers.</li> <li>• Child labour: definitions, reasons for it, present status.</li> <li>• Labour legislations for child and female workers protection in India.</li> <li>• Gender Discrimination</li> </ul>						
<b>Unit 4: Demography</b> (25%) <ul style="list-style-type: none"> <li>• Demography: age structure, mortality rate, sex ratio, fertility rate.</li> <li>• Causes for declining fertility rate and mortality rate in India.</li> <li>• India's population policy and its evaluation.</li> <li>• Migration and urbanization in India.</li> <li>• Demographic dividends in India-Problems and prospects.</li> </ul>						



42	EC4D	<b>Econometrics 4</b>	<p>The paper which is the fourth in the four-part elective helps the student to use</p> <ul style="list-style-type: none"> <li>• Econometric packages like E-views, Gretl and R</li> <li>• Practical analysis of Time Series data</li> <li>• Panel Data analysis</li> </ul> <p>Students at the end of the semester use these packages to analyze a given set of data present it in the form of a dissertation to be evaluated by external referee.</p> <table border="1"> <thead> <tr> <th></th> <th>PSO1</th> <th>PSO2</th> <th>PSO3</th> <th>PSO4</th> <th>PSO5</th> <th>PSO6</th> </tr> </thead> <tbody> <tr> <td>CO-1</td> <td></td> <td></td> <td></td> <td></td> <td style="background-color: black;"></td> <td></td> </tr> <tr> <td>CO-2</td> <td></td> <td></td> <td></td> <td></td> <td style="background-color: black;"></td> <td></td> </tr> <tr> <td>CO-3</td> <td></td> <td></td> <td></td> <td></td> <td style="background-color: black;"></td> <td></td> </tr> </tbody> </table> 		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	CO-1							CO-2							CO-3						
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43	ID4A	<b>History of Economic Thought</b>	<p>At the end of the term the student should be able to</p> <ul style="list-style-type: none"> <li>• Understand the importance of studying the History of economic thought</li> <li>• Student should be aware of the various schools of Economic thought</li> <li>• Trends related to specific economic thought through a time line is understood by the student.</li> <li>• The student enables himself to the Trends and development of Indian Economic thought and their main architects.</li> </ul> <table border="1"> <thead> <tr> <th></th> <th>PSO1</th> <th>PSO2</th> <th>PSO3</th> <th>PSO4</th> <th>PSO5</th> <th>PSO6</th> </tr> </thead> <tbody> <tr> <td>CO-1</td> <td style="background-color: black;"></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO-2</td> <td style="background-color: black;"></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO-3</td> <td style="background-color: black;"></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	CO-1							CO-2							CO-3						
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CO-1																															
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44	ID4B	<b>Organized markets</b>	<p>The student gets to know about the organized markets in an economy. These pertain to</p> <ul style="list-style-type: none"> <li>• Money markets (b) Capital markets and other (d) regulated commodity markets.</li> </ul> <table border="1"> <thead> <tr> <th></th> <th>PSO1</th> <th>PSO2</th> <th>PSO3</th> <th>PSO4</th> <th>PSO5</th> <th>PSO6</th> </tr> </thead> <tbody> <tr> <td>CO-1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO-2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO-3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	CO-1							CO-2							CO-3						
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CO-1																															
CO-2																															
CO-3																															
45	SOC4	<b>Term Paper</b>	<p>The student gets to know about the organized markets in an economy. These pertain to</p> <ul style="list-style-type: none"> <li>• Money markets (b) Capital markets and other (d) regulated commodity markets.</li> </ul> <table border="1"> <thead> <tr> <th></th> <th>PSO1</th> <th>PSO2</th> <th>PSO3</th> <th>PSO4</th> <th>PSO5</th> <th>PSO6</th> </tr> </thead> <tbody> <tr> <td>CO-1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO-2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO-3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	CO-1							CO-2							CO-3						
	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6																									
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PROGRAMME STRUCTURE				SEMESTER 4				
Course Code	Title	Teaching Hours		Course Credits	University Examinations		Internal Marks	Total Marks
		Theory	Practical		Duration	Marks		
CC10	Theories of International trade	40	-	4	2	50	20	70
CC11	Indian Economic Policy	40	-	4	2	50	20	70
CC12	Public Economics: theory and Policy	40	-	4	2	50	20	70
EC4A	Industrial Economics 4	40	-	4	2	50	20	70
EC4B	Agricultural Economics 4	-	40	4	Viva	50	20	70



EC4C	Economics of Human Resources 4	40	-	4	2	50	20	70
EC4D	Econometrics 4	-	40	4	Viva	50	20	70
ID4A	History of Economic Thought	40	-	4	2	50	20	70
ID4B	Organized markets	40	-	4	2	50	20	70
SOC4	Term Paper	20	-	2	Viva	50	20	70