

MASTER OF ARTS (ECONOMICS)

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| 1 | Name of the Programme | Master of Arts (economics) |
| 2 | Abbreviation | MA |
| 3 | Duration | Four semesters |
| 4 | Eligibility | BA Degree with Economics/B.Com |
| 5 | Objectives of the programmes | <ol style="list-style-type: none"> 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 2. To prepare the students to undertake theoretical |
| 5 | Programme Outcomes | <ul style="list-style-type: none"> • PO 1: Prepare students to develop critical thinking to carry out investigation about various socio-economic issues to bridge the gap between theory and practice. • PO 2: To prepare students for pursuing research or careers that provide solutions to structural, policy and sectoral architecture of the economy through analytical skills • PO 3: 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 • PO 4: Using various econometric and statistical models and techniques to evaluate policies implemented by the government. |
| 6 | Programme Specific Outcomes | <ul style="list-style-type: none"> • PSO1: 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 (PO1) • PSO2: Ability to analyze the factors affecting the price and output determination (PO1) • PSO3: Ability of the student to understand the welfare angles of the economic decision making under various market systems (PO3) • PSO4: Understand various monetary, fiscal and social parameters to understand sectoral growth (PO2) • PSO5: Honing skills in research methodology and quantitative techniques to undertake and analyze economic problems by relevant statistical and econometric skills (PO4) <ul style="list-style-type: none"> • PSO6: Ability to understand the structure, conduct and performance of various sectors like Industry, agriculture and human capital (PO3) |

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

PSO and CO Mapping

| SR. NO | COURSE CODE | NAME OF THE COURSE | COURSE OUTCOME (Sem-1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 1 | CC01 | Micro Economics 1 | <p>Enable the students to</p> <p>CO-1: understand the determinants of demand at the individual and firm level</p> <p>CO-2: Understand the meaning of economic risk and understanding</p> <p>CO-3: 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</p> <p style="text-align: center;">Veer Narmad South Gujarat University, Surat.</p> <p style="text-align: center;">M.A. Semester-I</p> <p style="text-align: center;">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;">PERIOD WEIGHTAGE</td> </tr> <tr> <td style="border: none;">UNIT-1 DEMAND ANALYSIS</td> <td style="text-align: right; border: none;">10 25</td> </tr> </table> <ul style="list-style-type: none"> - Theory of Demand – Demand Determinants – Cardinal Utility Analysis – Law of Diminishing Marginal Utility - Law of Diminishing Marginal Rate of Substitution - Indifference curve –Characteristics of Indifference Curve – Budget Line – Consumers Equilibrium Income and substitution effects, Hicks and Slutsky Theorem - Revealed Preference Theory - Revision of Demand Theory of Hicks </div> | | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 | PSO6 | CO-1 | | | | | | | CO-2 | | | | | | | CO-3 | | | | | | | | | | | | | | | PERIOD WEIGHTAGE | UNIT-1 DEMAND ANALYSIS | 10 25 |
| | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 | PSO6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | PERIOD WEIGHTAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UNIT-1 DEMAND ANALYSIS | 10 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

- 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

- 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

- 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, 2nd 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 |
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| CO-1 | | | | | | |
| CO-2 | | | | | | |

| | | | <p style="text-align: center;">M.A. SEMESTER – I</p> <p style="text-align: center;">CC-3: QUANTITATIVE METHODS FOR ECONOMICS - 1</p> <p>Unit -1: Introduction to Statistics & Measures of Central Tendency [10] Statistics: Definitions, Data, Frequency Distribution, Measures of Central Tendency: Mean Median, Mode, Their Merits and Demerits.</p> <p>Unit -2: Dispersion and Skewness [10] Range; Mean Deviation, Variance, Standard Deviation, Properties and their merits and Demerits - Coefficient of Variation its uses. Skewness – Definition – types</p> <p>Unit -3: Equations – Set Theory and Limit [10] 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>Unit -4: Functions [10] Various types of functions, functions used in Economic Linear and quadratic functions-Graph, interpretation of parameters-applications- Homogeneous function- applications.</p> <p>References: (for Statistics)</p> <ol style="list-style-type: none"> 1. A L Nagar And R K Das (1983): Basic Statistics, Oxford University Press, New Delhi, 2nd Ed. 2. Chandan J (1998): Statistics for Business and Economics, Vikas Publishing House, New Delhi 3. Dave M.B , Pandya K, Gaurang rami and Dilip Varsani (2014-15) <i>Quantitative Methods of Economics</i>, Popular, Surat (Gujarati) 4. G S Monga (2000): Mathematics And Statistics For Economics, Vikas Publishing House, New Delhi, 2nd Ed. 5. G V Shenoy & Late.Madan Pant (1994) Statistical Methods In Business And Social Sciences, Macmillan India Pvt. Ltd,New Delhi | | | | | | | | | | | | | | | | | | | | | |
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| 4 | EC01A | Industrial Economics 1 | <p>The first of the four papers on industrial Economics makes the students understand</p> <ul style="list-style-type: none"> • the nature and scope of Industrial Economics • understanding the functioning of the market <table border="1" data-bbox="614 1153 1525 1256"> <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 | | | | | | |
| | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 | PSO6 | | | | | | | | | | | | | | | | | | |
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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 – Daunt, Panrose, Marris Model
- Industrial Productivity– Meaning, measurement, factor affecting, causes and remedies for lower productivity in India.

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| 5 | EC01B | Agricultural Economics 1 | The first of the four papers on Agricultural Economics makes the students | | | | | |
| | | | <ul style="list-style-type: none"> • 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 |
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| CO-2 | | | | | | | | |
| CO-3 | | | | | | | | |

| | | | <p style="text-align: center;">M.A. SEMESTER – I EC- 01 AGRICULTURAL ECONOMICS – I</p> <p>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.</p> <p>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.</p> <p>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</p> <p>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</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 6 | EC01C | Economics of Human Resources 1 | <p>The first of the four papers on the Human resources economics the student learns</p> <ul style="list-style-type: none"> • the concept of Human capital is at the core of development economics. • The student will understand the role of education in economic development. • The importance of Human capital <table border="1" data-bbox="630 1456 1508 1601"> <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 style="background-color: black;"></td> </tr> <tr> <td>CO-2</td> <td></td> <td style="background-color: black;"></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO-3</td> <td></td> <td></td> <td style="background-color: black;"></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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| CO-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CO-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| | | | <p style="text-align: center;">SEMESTER I EC-01: ECONOMICS OF HUMAN RESOURCES (EDUCATION)</p> <p>UNIT-1: CONCEPT OF HUMAN CAPITAL AND HUMAN RESOURCES 25 %</p> <p>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(GEMI), Gender Gap Index (GGI) and Multi-dimensional Poverty Index – UN's Sustainable Development Goals and Education.</p> <p>UNIT-2: EDUCATION AND ECONOMIC DEVELOPMENT 25 %</p> <p>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”</p> <p>UNIT -3: HUMAN RESOURCES AND DEVELOPMENT 25 %</p> <p>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. –</p> <p>UNIT - 4: EDUCATIONAL FINANCE AND CHALLENGES 25 %</p> <p>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.</p> <p>References:</p> <p>UNDP: Various Human Development Reports. http://hdr.undp.org/ www.un.org/sustainabledevelopment/sustainable-development-goals/ http://www.un.org/sustainabledevelopment/news/communications-material/</p> <p>Human Capital in Developing countries: http://www.igleconferences.com/articles/human-capital-development-in-developing-countries/</p> <p>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</p> <p>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</p> <p>“Definition and Content Interpretation of Human Capital”. Anale. Seria Informatica. Vol.IV. Issue. 1-2006. For Multi-Dimensional Poverty Index: http://pubs.ccsenet.org/journal/view.php?id=10000 www.nphs.org.uk</p> |
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| 7 | EC01D | Econometrics 1 | <p>Enable the learners to relate the relationship of economic theories, concepts, statistics and mathematics in an glorified manner for advanced research and development.</p> |
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| <p style="text-align: center;">SEMESTER I EC- 01 ECONOMETRICS – I (Statistics for Economics)</p> <p>Unit 1: Theory of Probability - I [25%]</p> <p>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</p> <p>Unit 2: Theory of Probability - II [25%]</p> <p>A priori definition – Theorem on total probability – Addition and Multiplication Theorems – Conditional Probability – Random variable – Mathematical Expectation – Applications</p> <p>Unit 3: Hypotheses [25%]</p> <p>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)</p> <p>Unit :4 Chi-square test [25%]</p> <p>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</p> <p>References:</p> <ol style="list-style-type: none"> 1. A L Nagar And R K Das (1983): Basic Statistics, Oxford University Press, New Delhi, 2nd Ed. 2. Chandan J (1998): Statistics for Business and Economics, Vikas Publishing House, New Delhi 3. Dave M.B , Pandya K, Gaurang Rami and Dilip Varsani (2014-15) <i>Quantitative Methods of Economics</i>, Popular, Surat (Gujarati) 4. G S Monga (2000): Mathematics And Statistics For Economics, Vikas Publishing House, New Delhi, 2nd Ed. 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) <i>Arthvishayak Ankadashastra, Uni. Granthnirman Board</i>, Ahmedabad (Gujarati) 7. K K Sharma & Sukhpal Singh (2000): Introductory Economic Theory And Elementary Statistics, Abhishik Publications, Chandigarh |
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| | | | <p style="text-align: center;">M.A. Economics – Semester – I ID – I: Paper – V (A): Research Methodology – I</p> <p>Unit – I: Type of Research and Approaches [25%]</p> <p>Meaning of Research – Research in Social Sciences – 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>Unit – II: Research Design and Review of Literature [25%]</p> <p>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</p> <p>Unit – III: Type of Data and Scale of Measurements [25%]</p> <p>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</p> <p>Unit – IV: Methods of Primary Data Collection [25%]</p> <p>Primary data collection – Observation method: Direct observation, indirect observation – Interview Method: Advantages and Disadvantages of interview</p> |
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| 10 | ID1C | Fundamentals of Accountancy 1 | <p>An interdisciplinary paper which allows the students to understand</p> <ul style="list-style-type: none"> the basics of accountancy. The paper forms the basis of learning TALLY ERP through the certificate course offered by the Department |
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| | PS01 | PS02 | PS03 | PS04 | PS05 | PS06 |
| 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. | <p>Introduction of Accounting</p> <ul style="list-style-type: none"> Meaning & Definition of Accounting Objective, Advantages, Limitations, Qualitative Characteristics of Accounting Information. Basic Terminology - Bases of Accounting [Accrual & cash] - Branches of Accounting (Financial , Cost , Management) | 25% |
| 2. | <p>Accounting Equation And Accounting Rules</p> <ul style="list-style-type: none"> Type of Transactions [Economic & Non-Economic] : Recognize cash & Credit transactions Accounting Equation [Introduction to Assets (Non- Current, Current), Liabilities (Non- Current, Current), Equities] Understanding two effects on accounts. Classification Of Accounts & Accounting Rules | 25% |
| 3. | <p>Concepts Of Book-Keeping, Journal & Subsidiary Books.</p> <ul style="list-style-type: none"> Types of Accounting Systems, [Single & Double Entry], Advantages of Accounting Systems. Meaning & Format of Journal and Subsidiary books. Cash book, Purchase book, Purchase Return book, Sales book, Sales return book. Meaning & Types of ledger Preliminary Examples of writing entries and Preparing ledgers | 25% |
| 4. | <p>Capital, Revenue, Expenses & Income.</p> <ul style="list-style-type: none"> Capital, Revenue, Expenses & Income. Deferred Revenue Expenses Examples of Classification of capital & revenue expenses and Income. | 25% |

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

| 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 | Micro Economics 2 | <ul style="list-style-type: none"> Ability to have necessary theoretical insights to study the modern microeconomic theory. Ability to know about the important developments in economic theories <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 | | | | | | | | | | | | | | | | | | |
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| | | | <p>UNIT-2 GAME THEORY 10 25</p> <ul style="list-style-type: none"> • Meaning of Game • Payoff Matrix • Zero Sum Game and Constant Sum Game • MiniMax and MaxiMin Principles • Nash equilibrium • The prisoner's Dilemma • Mixed strategies • Repeated games • Sequential games <p>UNIT-3 THEORIES OF DISTRIBUTION 10 25</p> <ul style="list-style-type: none"> • Neo Classical Approach- Marginal Productivity Theory of Distribution • Macro Theories of Distribution of Ricardian, Marxian, Kalecki and Kaldor's • Product exhaustion and Euler's theorem <p>UNIT-4 WELFARE ECONOMICS 10 25</p> <ul style="list-style-type: none"> • Introduction to Welfare Economics • Pigovian Welfare Economics • Pareto Optimal Conditions/ Social Optimality • Social Welfare Function • Inability to obtain Welfare - Imperfections Market failure, decreasing costs, uncertainty and non-existent and incomplete markets |
|--|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| 14 | CC05 | Macro economics 2 | <p>Learners can extend his/her knowledge in the field of various functions viz.,</p> <ul style="list-style-type: none"> • production, consumption, investment along business cycles. • Understanding the cyclical trends • Deeper understanding of interrelationship between macro-economic parameters <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></td> <td style="background-color: black;"></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>M.A. Sem – II (Effective from- 2019-20) CC-05 Macro Economics : II</p> <p style="text-align: right;">Weightage</p> <p>Unit 1 : Consumption function , Investment function [25%]</p> <ul style="list-style-type: none"> • Keynes law of consumption function, factors affecting consumption function, measures to increase consumption spending. • Relative income, Absolute income, Life cycle , Permanent income hypothesis • Investment function – meaning, types, motivations for investment. • Marginal efficiency of capital and rate of interest, factors affecting marginal efficiency of capital. <p>Unit 2 : Business cycle [25%]</p> <ul style="list-style-type: none"> • Meaning, phases, control of business cycle. • Hayek, Hicks, Cob-Web theory of business cycle. • The real business cycle theory <p>Unit 3 : AD-AS and IS-LM model [25%]</p> <ul style="list-style-type: none"> • General equilibrium model – IS-LM, Extension of IS-LM • Classical and Keynesian views on income determination – AD/AS model • AD-AS model and relative effectiveness of monetary and fiscal policies. <p>Unit 4 : Modern Macro Economics [25%]</p> <ul style="list-style-type: none"> • Adaptive and rational expectation theory • Supply side economics • Monetarism vs. Keynesianism. • New Keynesian economics <p>REFERENCES: - „Macro Economics</p> <ul style="list-style-type: none"> • 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, 2nd Ed. Basil Blackwell • Colbertson, J.M. (1971) Macroeconomics: Theory and Policy, 2nd Ed. Oxford University Press. | | PS01 | PS02 | PS03 | PS04 | PS05 | PS06 | CO-1 | | | | | | | CO-2 | | | | | | | CO-3 | | | | | | |
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| CO-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CO-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| | | | <p style="text-align: center;">M.A. Semester –II EC-02- Industrial Economics-2</p> <p>Unit-1 : Pattern of Industrial Development in India</p> <ul style="list-style-type: none"> <input type="checkbox"/> Industrial development and growth - meaning, trends and problems of industrial development in India <input type="checkbox"/> Industrial policy - meaning, Objectives, main characteristics and evaluating in new industrial policy 1991 <input type="checkbox"/> Industries of Public Sector – Performance, Problems, Disinvestment <input type="checkbox"/> Industries of Privet sector- Meaning, Importance, Problems. <p>Unit-2 : Industrial finance</p> <ul style="list-style-type: none"> <input type="checkbox"/> Money market and Capital market – Meaning, Difference, Functions <input type="checkbox"/> Objectives and functions of SEBI <input type="checkbox"/> Sources of finance : Internal and External <input type="checkbox"/> Special financial institutions (IDBI, IFCI, ICICI, UTI, SFC, SIDBI) <input type="checkbox"/> <u>Foreign capital –Need, Government policy, FDI and FPI</u> <p>Unit-3 : Current problems of selective industries</p> <ul style="list-style-type: none"> <input type="checkbox"/> Agro based industries – importance, development and problems <input type="checkbox"/> Iron and steel, Textile, Sugar, Coal, Cement, engineering, Chemical industries - development, problems and remedies <input type="checkbox"/> Industrial sickness – meaning, causes and steps <input type="checkbox"/> Impact on Indian industries of globalization <p>Unit-4 : Small Scale Industries</p> <ul style="list-style-type: none"> <input type="checkbox"/> SSI and Cottage industries in India- definition, difference, development, importance, problems and steps <input type="checkbox"/> Development of SSI in Gujarat <input type="checkbox"/> MSME – meaning, importance, development and performance <input type="checkbox"/> SEZ- meaning, advantages-disadvantages |
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| 17 | EC2B | Agricultural Economics 2 |
|----|------|---------------------------------|

The second of the four papers on Agricultural Economics makes the students understand

- The agro-architecture of the developing economies like India..
- Institutional mechanism related to finance and aspects like land-reforms and taxation

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

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| | <p style="text-align: center;">M.A. ECONOMICS SEMESTER – II EC-02 AGRICULTURAL ECONOMICS - II (PROBLEMS OF INDIAN AGRICULTURE AND POLICY)</p> <p>1: Development Problem of Indian Agriculture [25%] 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 - <u>Land Utilization Pattern, Stagnating Pattern, Area Under Food and Non-Food Grains – Land Holding and Land Holding Pattern in India</u></p> <p>2: Agricultural Inputs, Agricultural Finance and Marketing [25%] Irrigation – Need for Irrigation – Sources of Irrigation – Source wise Development of Irrigation – Water Resources – Problems in the Development of Irrigation –HYV – Fertilizer, <u>Financial Finance – NABARD – Co-operative Credit System – The Problems of Rural Entrepreneurship – Agricultural Insurance – Agriculture Marketing and Warehousing in India – Warehouse</u></p> <p>3: Food Problem and Green Revolution [25%] 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>4: Land Reforms and Agricultural Taxation & Terms of Trade [25%] Land Reforms in India – Bhudan & 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, <u>Terms of Trade Between Agricultural and Industrial</u></p> |
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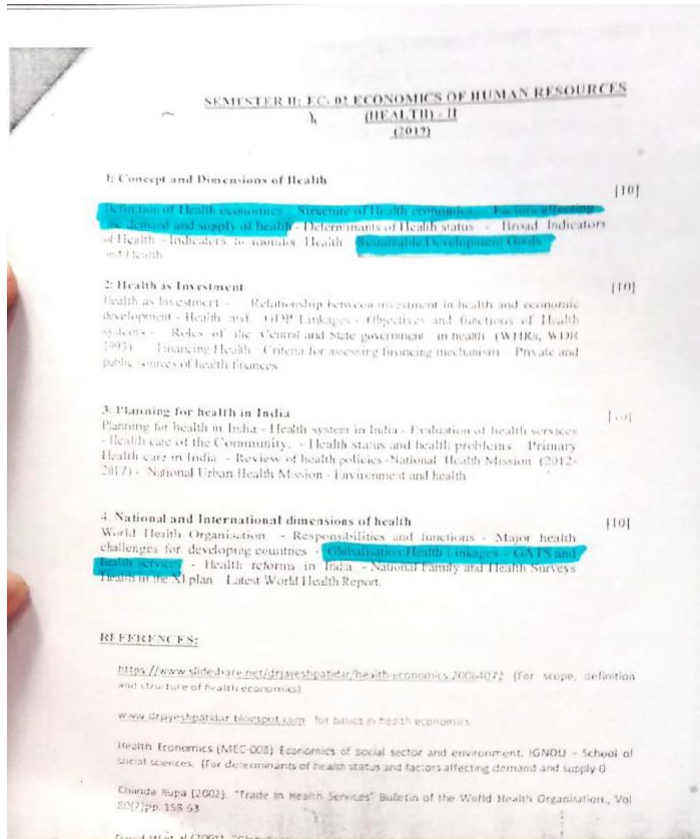
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|----|------|---------------------|-----------------------------------------------------------------|
| 18 | EC2C | Economics of | The second of the four papers on the Human resources economics, |
|----|------|---------------------|-----------------------------------------------------------------|

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 | | | | | | |
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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 i.e. Cold Chains, Organized procurement & Warehousing; Agrilistics, Agribusiness center, National Horticultural Mission.

References:

1. S.S. Acharya and N. L. Agarwal, Agricultural Marketing in India, Oxford & IBH Publishing Co Pvt Ltd, Calcutta.
2. Subhash Bhavs, Agribusiness Management in India – Text & Cases
3. National Horticultural Mission (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. | Preparation of Final Accounts <ul style="list-style-type: none"> Meaning and objective of Trial balance, Advantages and Disadvantages, Methods of preparing trial balance Basic examples of Trial balance Define Final Accounts, Objective, Advantages, Limitation Format of Final Accounts as per Company act, 2013 Schedule-3 P&L A/C & Balance sheet(Only theory) | 25% |
| 2. | Management Accounting: 1.1 Meaning, nature, scope and functions of management accounting 1.2 Role of management accounting in decision making 1.3 Management accounting vs. financial accounting 1.4 Tools and techniques of management accounting | 25% |
| 3. | Accounting for Decision Making <ul style="list-style-type: none"> The concept of differential cost; Cost profit volume analysis- BEP analysis (only basic examples) | 25% |
| 4. | Computer Accounting - Tally (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

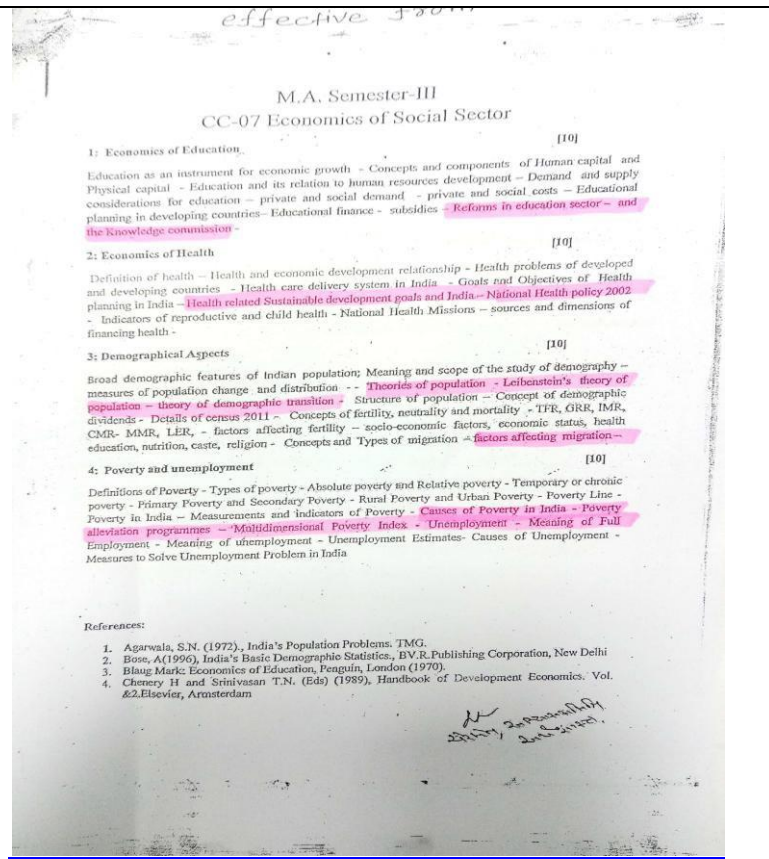
- Meaning, scope & Importance of local self-Government
- 73rd and 74th Amendment
- Challenges Against Local Self Government
- Roll of Women in Panchayat

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.

- Criticism
- Regionalism
- Population explosion
- Environmental degradation
- Corruption

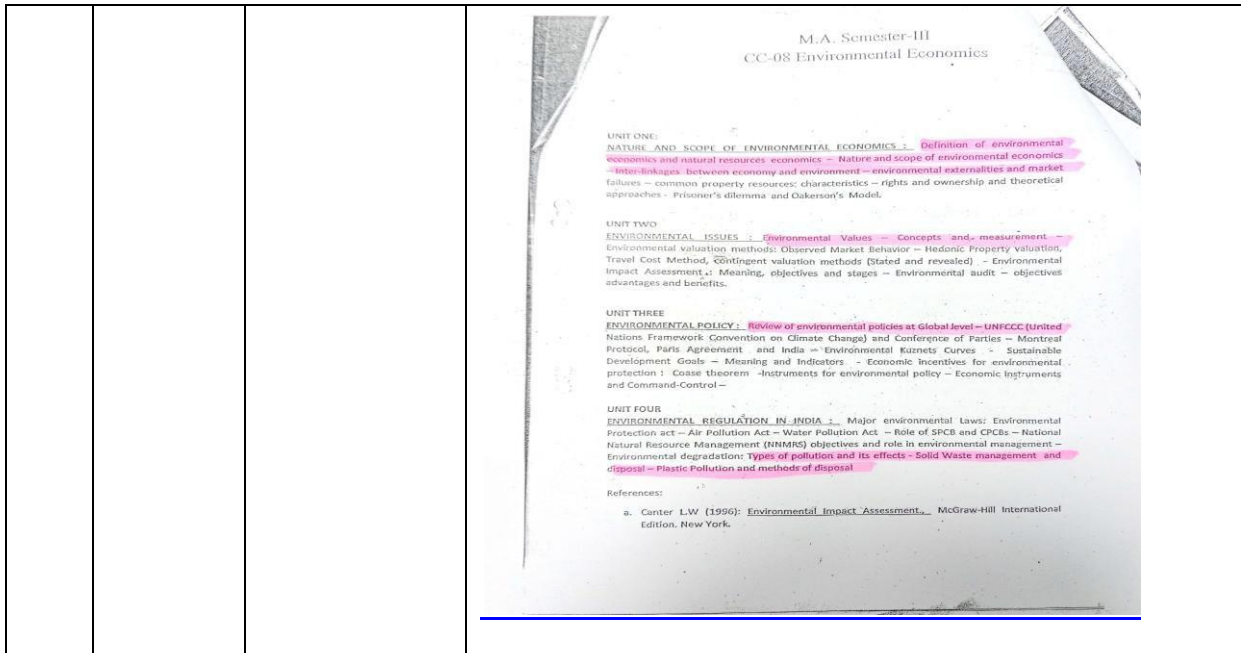


26 CC08 **Environmental Economics**

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

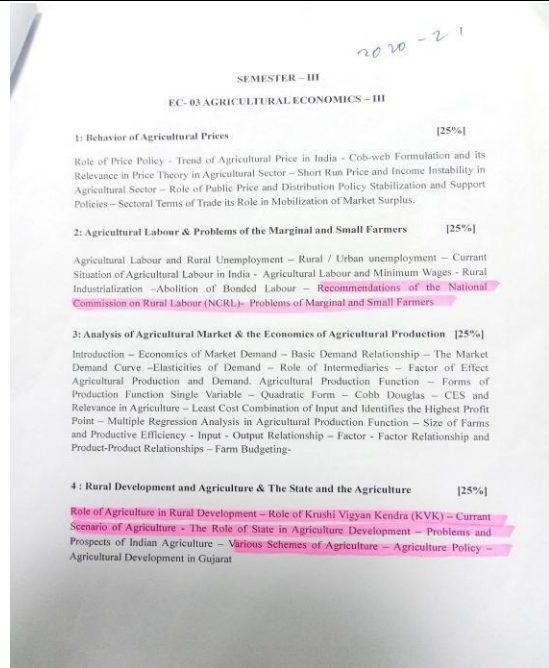
- Linkages between environmental issues and the economy
- Various national and international regulations, treaties and laws pertaining to the problems related to environment
- Theoretical approaches towards management of environment-assets as a common property

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



| 27 | CC09 | Theories of Growth and Development | <p>This paper at the end of the term the student is aware of</p> <ul style="list-style-type: none"> • Various general and partial theories of economic development • Analyzing the nature and causes resulting in development debates | | | | | | | | | | | | | | | | | | | | | |
|------|------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|------|--|--|--|--|--|--|
| | | | <table border="1" data-bbox="651 1016 1406 1120"> <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 | | | | | | | | | | | | | | | | | | | | | | | | |
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3 Agricultural Eco



30

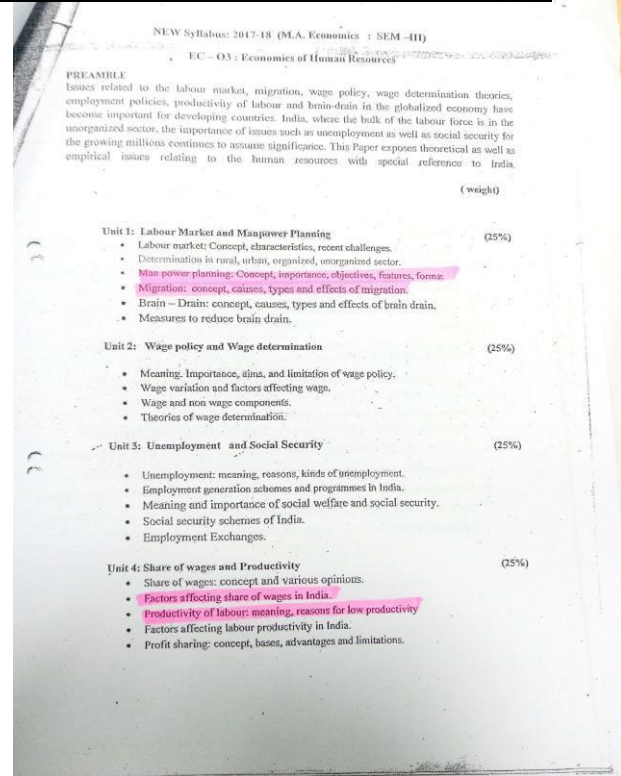
EC3C

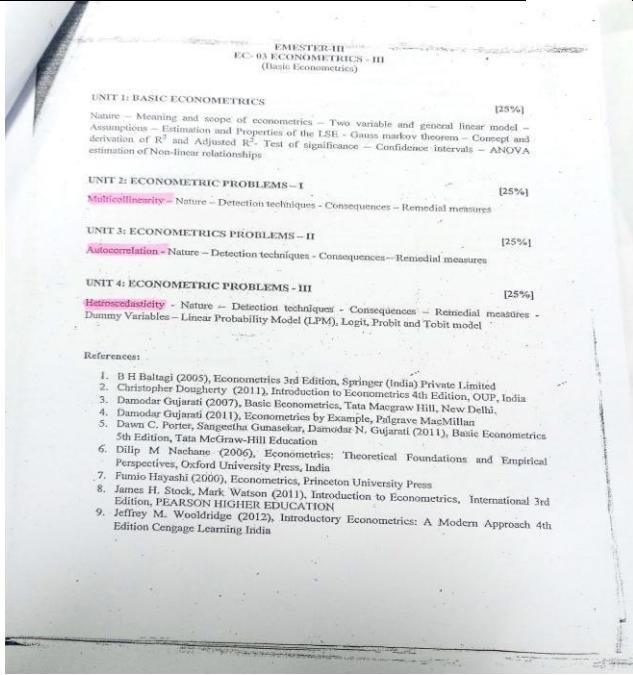
Economics of Human Resources 3

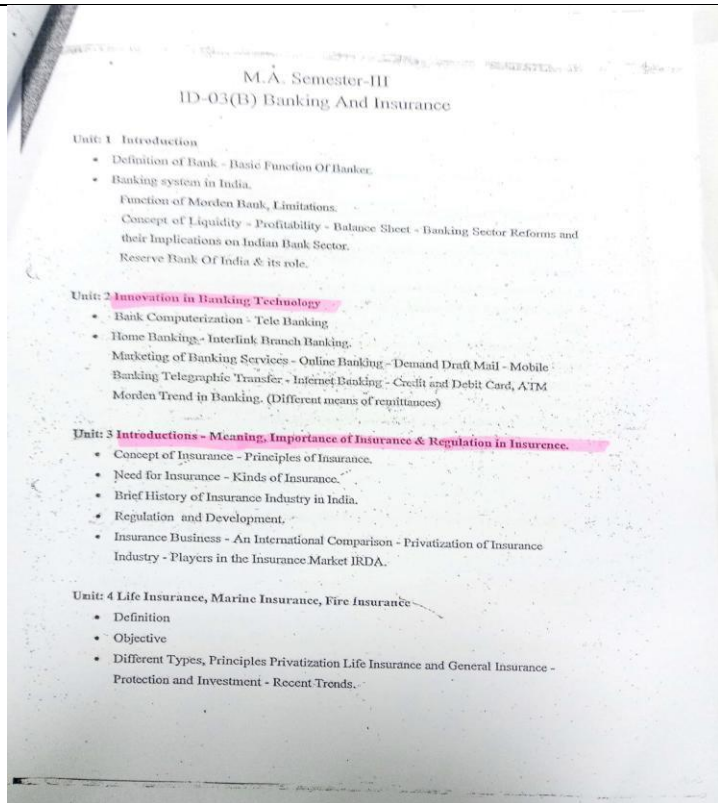
The third in the four part elective, by the term end helps the student to

- Understand the theoretical issues pertaining to labour market like those of brain drain, migration and man power planning.
- Theories and policies pertaining to wage determination
- understand the structure, conduct and performance of the social security framework

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



| 31 | EC3D | Econometrics 3 | <p>The Third of the four part elective, by the term end helps the student to understand the consequences, detection and remedial measures overcome the problems like</p> <ul style="list-style-type: none"> • Multicollinearity • Auto correlation and • Heteroscedasticity <table border="1" data-bbox="651 472 1402 613"> <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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| | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 | PSO6 | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CO-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CO-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | ID3A | Business Environment | <p>At the end of the term the outcome of the paper is that the student understand</p> <ul style="list-style-type: none"> • the concept of business environment and the factors affecting it • Welfare angles of the business architecture <table border="1" data-bbox="651 1496 1402 1637"> <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 style="background-color: black;"></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO-2</td> <td></td> <td style="background-color: black;"></td> <td style="background-color: black;"></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO-3</td> <td></td> <td style="background-color: black;"></td> <td style="background-color: black;"></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 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CO-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CO-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CO-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



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 |
|------|------|------|------|------|------|------|
| CO-1 | | | | | | |
| CO-2 | | | | | | |
| CO-3 | | | | | | |

| 35 | SOC3 | Term Paper | <p>A mandatory requirement for the student in all all the semesters.</p> <ul style="list-style-type: none"> It helps the student to sharpen the writing and understanding skills related to cores issues concerning the economy. <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></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 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CO-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CO-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CO-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| 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 |

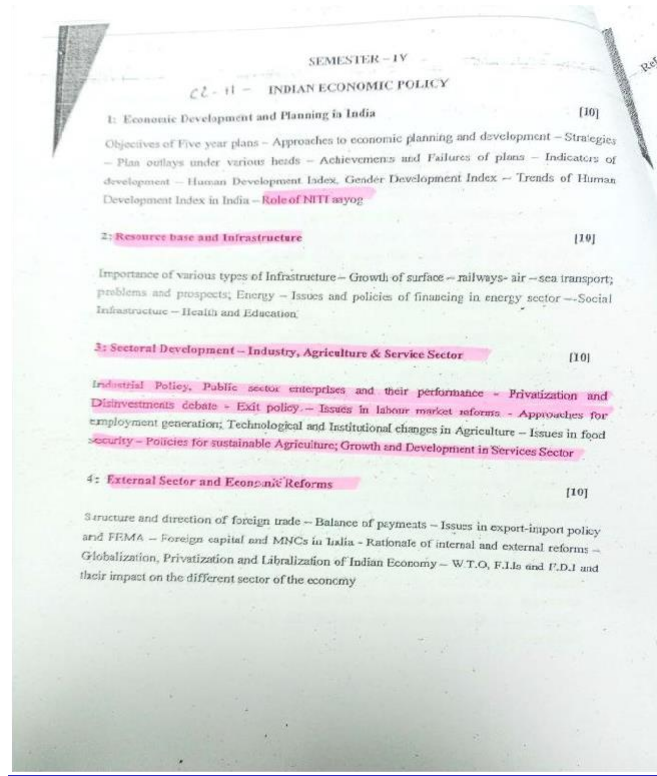
| | | | | | | | | |
|------|------------------------------------------------------------|----|----|---|------|----|----|----|
| EC3D | Econometrics 3 | 40 | - | 4 | 2 | 50 | 20 | 70 |
| ID3A | Business Environment | 40 | - | 4 | 2 | 50 | 20 | 70 |
| ID3B | Banking and Insurance | 40 | - | 4 | 2 | 50 | 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"> • The student is made aware of the nature of interventions in the international market • The gets aware of the various financial and trade institutions responsible for international trade among the nations • Finally the student realizes the nature and scope of the trade policies and the architecture of external structure <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 style="background-color: black;"></td> <td></td> <td style="background-color: black;"></td> </tr> <tr> <td>CO-2</td> <td style="background-color: black;"></td> <td></td> <td></td> <td style="background-color: black;"></td> <td></td> <td style="background-color: black;"></td> </tr> <tr> <td>CO-3</td> <td style="background-color: black;"></td> <td></td> <td></td> <td style="background-color: black;"></td> <td></td> <td style="background-color: black;"></td> </tr> </tbody> </table> | | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 | PSO6 | CO-1 | | | | | | | CO-2 | | | | | | | CO-3 | | | | | | |
| | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 | PSO6 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CO-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CO-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CO-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | CC11 | Indian Economic Policy | <p>The student after learning this paper enables himself about</p> <ul style="list-style-type: none"> • The history of planning and development in India • Issues pertaining to Infrastructural growth vis-à-vis | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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-II
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 operationalising 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

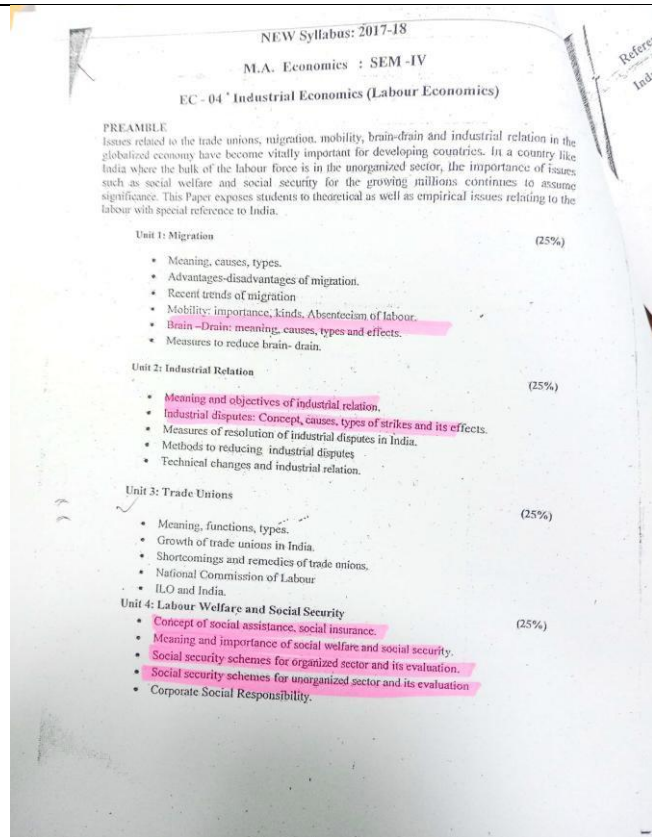
EC4A

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 | | | | | | |
| CO-2 | | | | | | |
| CO-3 | | | | | | |

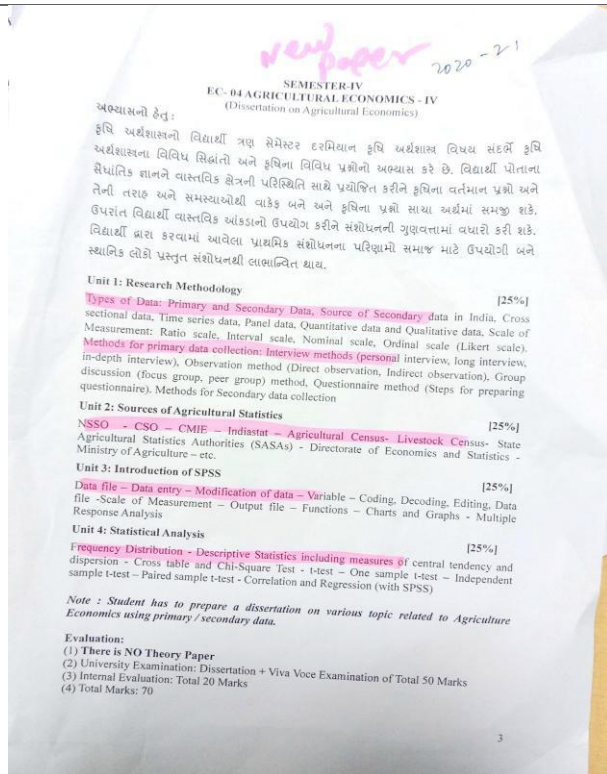


40 EC4B **Agricultural Economics 4**

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 |
|------|------|------|------|------|------|------|
| CO-1 | | | | | | |
| CO-2 | | | | | | |
| CO-3 | | | | | | |

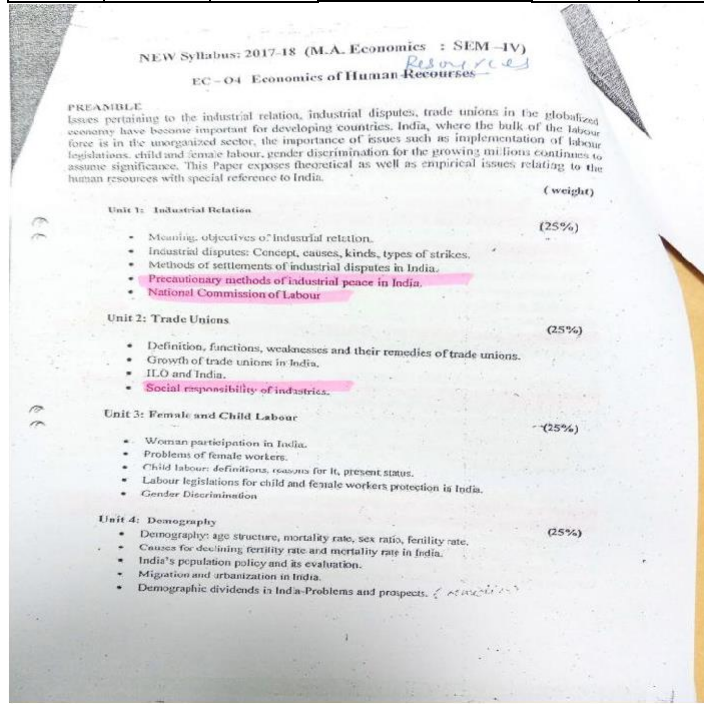


41 EC4C **Economics of Human Resources 4**

The paper fourth in the part of elective prepares the student to

- Understand social issues pertaining to women and child labour
- Industrial relations and trade issues

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



| 44 | ID4B | Organized markets | <p>The student gets to know about the organized markets in an economy. These pertain to</p> <ul style="list-style-type: none"> • Money markets (b) Capital markets and other (d) regulated commodity markets. <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 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CO-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CO-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CO-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | SOC4 | Term Paper | <p>The student gets to know about the organized markets in an economy. These pertain to</p> <ul style="list-style-type: none"> • Money markets (b) Capital markets and other (d) regulated commodity markets. <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 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CO-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CO-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CO-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| 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 |