Program Matrix

Name of Program: M. A. (Economics)

(Low Correlation = L/1; Moderate Correlation=M/2; High Correlation=H/3)

Programme Specific Outcomes

Domain Specific-

- 1. Graduates will be able to understand the basic and advance knowledge of economics and develop their critical and analytical thinking.
- 2. Student will develop capability to demonstrate comprehensive knowledge and understanding of concepts, theories, principles and laws of economics to apply these in real life situations.
- 3. Student will develop the ability to recognize and predict cause and effect relationship of economic events.
- 4. Student will instill in them problem solving skills and ability to use ICT with economic bend of mind for continuous development and skill needed for employment.
- 5. Students will acquire industry ready employment skills and career competencies in economics.
- 6. Students will get the opportunity to focus on applied and policy issues in Economics.

Domain Independent-

- 7. Students will be able to analyze, interpret data using ICT and express their conclusions in clear and concise manner to different groups.
- 8. Students will develop their ability to work independently and also in a team to seek solution related to economic issue at local, national and global level.
- 9. Graduates will inculcate the desire to acquire continuous personal and professional knowledge related to economics using both formal and informal learning opportunities.
- 10. Students will embrace ethical behavior and appreciate environment and sustainable issues in adherence to the Sustainable Development Goals.

M.A. Part - I : Semester-I (Core Course)

| | Course Outcome (COs) | | | Prog | ram S | pecific | Outc | omes (P | SOs) | | |
|-----|---|---|------|---------|----------|---------|------|---------|---------|--------|---------|
| | | | Doma | in Spec | ific (PS | SO) | | Doma | in Inde | penden | t (PSO) |
| 01 | Course Name: 1T1: Micro Economic Analysis – I | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Acquire a basic understanding of the principles of microeconomics associated with supply and demand in determining market equilibrium and the effects of price controls and elasticity. | Н | H | Н | | L | M | | | M | |

Page 1 of 22

Des Suelia Destipande BOS Chairman

| CO2 | Understand the theory of consumer behaviour and choice under risk & uncertainty. | M | M | L | | L | | L |
|-----|--|---|---|---|---|---|---|---|
| CO3 | Apply the concept of marginal analysis in order to make optimal choices, and identify whether the choices are efficient or equitable. | M | Н | M | L | L | М | М |
| CO4 | Understand the production function and Compare the costs of production in the short run and long run. | Н | Н | M | М | L | М | M |
| CO5 | Identify the characteristics of Perfect Competition market structure and discuss the differences in their operations under differential cost conditions. | Н | Н | | | L | М | М |

| | Course Outcome (COs) | | | | Progr | am Spec | cific Outo | comes (| PSOs) | | |
|-----|--|---|----|--------|---------|---------|------------|---------|---------|----------|----------|
| | 2 % | | Do | main S | pecific | e (PSO) | | Don | nain In | depender | it (PSO) |
| | Course Name: 1T2: Macro Economic Analysis I | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Identify macroeconomic indicators and measures of economics growth | M | Н | Н | | Н | Н | | | L | |
| CO2 | Understand the macro economic theories postulated by various economists | M | Н | М | | Н | | | | Н | |
| CO3 | Understand the meaning and role of multiplier and accelerator and its influence on economic policies | М | Н | М | | L | М | | L | L | |
| CO4 | Define money supply, its measurement and methods to control money supply | Н | Н | M | | L | M | | | | |

| | Course Outcome (COs) | | | | Progra | am Spe | cific O | utcom | es (PSO | s) | |
|-----|--|---|-----|--------|----------|--------|---------|-------|---------|-----------|---------|
| | | | Dom | ain Sp | ecific (| PSO) | | Do | main I | ndependen | t (PSO) |
| | Course Name: 1T3: Statistics for Economics – I | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Be aware of basic statistical concept and completion of Indian statistics. | Н | M | | | M | L | | | M | |
| CO2 | Understand concept of descriptive statistics with numerical problem | Н | Н | M | L | M | Н | Н | | M | |

sestipande)

| CO3 | Compute and interpret the results of Correlation and Regression analysis for forecasting & its application to on socio-economic problems. | Н | Н | Н | М | Н | Н | L | | М | |
|-----|---|---|---|---|---|---|---|---|---|---|--|
| CO4 | Compute and apply discrete and continuous probability | M | Н | L | M | M | L | M | L | Н | |
| | distributions to various research problems. | | | | | | | | | | |

| | Course Outcome (COs) | | 100 | P | rogram | Specifi | c Outco | mes (PS | (Os) | | |
|------|--|---|-----|---------|----------|---------|---------|---------|---------|--------|----------|
| | | | Do | main Sp | ecific (| PSO) | | Dom | ain Ind | epende | nt (PSO) |
| Cour | se Name: 1T4 : Indian Economic Policy I | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | . Understand the nature and characteristics of Indian economy. | Н | | Н | М | | Н | | Н | М | |
| CO2 | To understand status and progress of infrastructure and human development. | Н | | M | Н | L | Н | Н | Н | L | М |
| CO3 | To know the failure & achievements of Indian planning era. | Н | L | Н | М | Н | Н | | M | | |
| CO4 | Critically evaluate the status of agriculture sector | | M | Н | Н | L | M | | Н | M | |

| | Course Outcome (COs) | | | P | rogram | Specific | Outcom | es (PSO | s) | | |
|-------|--|---|-----|---------|-----------|----------|--------|---------|----------|--------|-------|
| | | | Doi | nain Sp | ecific (P | SO) | | Doma | in Indep | endent | (PSO) |
| Cours | e Outcome : 1T5 : Economics of Infrastructure | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Students will be able to Identify the role and importance of Infrastructure in Indian Economy. | Н | Н | Н | | Н | М | | | М | |
| CO2 | To understand the role of transport & tourism in India's economic development. | L | L | L | | | М | | | L | |
| CO3 | Understand and evaluate current situation of energy, communication & information technology in Indian Economy. | Н | Н | | Н | | L | L | L | M | |
| CO4 | It will be useful to understand the role of various Social Infrastructure in Indian Economy. | M | М | | М | | М | L | | L | |

| | Course Outcome (COs) | | | Pro | gram S | pecific | Outcon | ies (PO | s) | | |
|--------|---|---|-----|---------|----------|---------|--------|---------|----|---------------|------|
| | | | Dom | ain Spe | cific (P | SO) | | Do | | ndepen SO) | dent |
| Course | e Outcome : 1T6 : Trade Cycle | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Understand the concept and phases of trade cycles | Н | Н | | | | M | | L | L | |
| CO2 | Explain the monetary, non-monetary and under consumption theory of trade cycle | Н | Н | Н | | | M | | | | |
| CO3 | Have knowledge of the econometric model, innovation and modern theory of trade cycles | Н | Н | Н | | | M | | M | M | |
| CO4 | Understand the past World depressions and the policies to manage the trade cycles with their relative effectiveness | Н | Н | Н | Н | | M | М | Н | М | |

| | regional development Explain the various regional theories and techniques of regional economic analysis. Discuss regional economic policy & causes of regional disparity Discuss the significance and challenges of | Program Specific Outcomes (PSOs) | | | | | | | | | | | | |
|--------|--|----------------------------------|------|---------|----------|-----|---|-----|---------|--------|------------|--|--|--|
| | | | Doma | in Spec | eific (P | SO) | | Don | nain In | depend | lent (PSO) | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | | |
| Course | e Outcome : 1T7 : Regional Economics | | | | | | | | | | | | | |
| CO1 | | Н | Н | L | | M | M | | Н | | | | | |
| CO2 | | Н | Н | M | | M | M | | Н | | L | | | |
| CO3 | | Н | Н | M | | M | M | | Н | | L | | | |
| CO4 | | Н | Н | М | | М | М | | Н | | L | | | |

Sustipande

| | Course Outcome (COs) | | | | Progra | am Spe | cific O | utcome | s (PSC | Os) | |
|--------|---|---|-----|--------|----------|--------|---------|--------|--------|--------|------------|
| | rse Outcome: 1T8: Mathematical Economics 1 Be Proficient in using the mathematics for solving elementary algebra. 2 Understand the various rules of differentiation and integration | | Dom | ain Sp | ecific (| PSO) | | Doi | main I | ndepen | dent (PSO) |
| Course | Course Outcome : 1T8 : Mathematical Economics | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Be Proficient in using the mathematics for solving elementary algebra. | Н | Н | | | | Н | M | | L | |
| CO2 | Understand the various rules of differentiation and integration | Н | Н | L | | M | Н | | M | | |
| CO3 | Solve matrices and determinants and its use in decision making | Н | Н | L | | M | | | | L | |
| CO4 | Understand the concept of game theory and linear programming for solving economic problems. | Н | Н | | | | М | | | M | |

| | Course Outcome (COs) | | | | Progra | m Spe | cific O | utcom | es (PSC | Os) | |
|--------|---|---|-----|--------|----------|-------|---------|-------|---------|---------|-----------|
| | | | Dom | ain Sp | ecific (| PSO) | | Do | main l | ndepend | ent (PSO) |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Course | Outcome: 1T9: Industrial Economics | | | | | | | | | | |
| CO1 | Understand the nature of industrial economics and role of industrialization in economic development. | Н | Н | M | | Н | M | | L | Н | |
| CO2 | Understand the various theories & determinants of industrial and imbalance. | Н | Н | | M | Н | M | | M | Н | |
| CO3 | Have knowledge of various concepts of productivity & efficiency and measure to improve it. | Н | | Н | M | L | Н | | L | М | L |
| CO4 | Understand the measurement of profitability & evaluation of investment decision & methods to measure financial soundness of a firm. | Н | Н | М | Н | | L | M | Н | L | |



| | Course Outcome (COs) | | | | Progra | ım Spe | cific C | utcom | es (PSC | Os) | |
|-----|---|---|-----|--------|-----------|--------|---------|-------|---------|---------|-----------|
| | Course Name: 1T10: Public Economics – I Understand role and functions of the Government in the various economic perspectives and rationales behind various public sector activities. Explain the functions of the Musgrave model and theory of public choice, various economic issues related to allocation of resources and solutions to complex economic problems. Have knowledge problems of preference revelation mechanism and aggregation of preferences. Theory of Tie-bout model and Club goods. Role of Uncertainty and expectations and formulation of stabilization policy Understand the formulation and execution of the | | Dom | ain Sp | ecific (l | PSO) | | Do | main I | ndepend | ent (PSO) |
| | Course Name: 1T10: Public Economics – I | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Understand role and functions of the Government in the various economic perspectives and rationales behind various public sector activities. | Н | | М | M | | | | | М | |
| CO2 | Explain the functions of the Musgrave model and theory of public choice, various economic issues related to allocation of resources and solutions to complex economic problems. | Н | М | | M | М | Н | M | L | М | L |
| CO3 | Have knowledge problems of preference revelation mechanism and aggregation of preferences. Theory of Tie-bout model and Club goods. Role of Uncertainty and expectations and formulation of stabilization policy. | Н | M | М | Н | M | Н | М | | L | |
| CO4 | Understand the formulation and execution of the Budget, techniques and trends of the budgeting and appropriate economic judgments. | Н | | | Н | | Н | Н | М | | L |

| | between the private and social cost of education. CO2 Review educational development in India and methods used to evaluate education policies. | | | Pr | ogram S | Specific | Outco | mes (P | SOs) | | |
|------|---|---|-----|---------|-----------|----------|-------|--------|------|----------------|------|
| | | | Dor | nain Sp | ecific (I | PSO) | | Do | | ndepend SO) | lent |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Cour | se Outcome: 1T11: Economics of Education and Health | | | | | | | | | | |
| CO1 | | Н | g. | Н | M | Н | M | | L | | L |
| CO2 | Review educational development in India and methods used to evaluate education policies. | Н | | Н | Н | | М | | M | Н | |
| CO3 | Define determinants of demand and supply of health, pricing of healthcare services and evaluate national health polices | M | | М | Н | M | Н | | L | M | |
| CO4 | Understand the status, measurement challenges of health care financing in India | Н | | Н | Н | М | Н | | M | Н | L |

Sudipanole

| | Course Outcome (COs) | | | 5 | Progra | am Spe | cific O | utcom | es (PSC | Os) | |
|--------|---|---|-----|--------|----------|--------|---------|-------|---------|----------|-----------|
| | | | Dom | ain Sp | ecific (| PSO) | | Do | main l | Independ | ent (PSO) |
| Course | e Outcome : 1T12 : Human Development | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Understand the concept of Human Development. | Н | M | L | | | L | M | | L | Н |
| CO2 | Differentiate between the concept of Human Development & conventional concepts like Economic growth, human capital formation, Human Resource development & human welfare. | Н | Н | М | | | L | Н | | | L |
| CO3 | Acquire skills and technique of calculation of various indices of Human Development like HDI, HPI, MPI etc. | Н | Н | Н | L | М | М | M | | М | |
| CO4 | Assessment of Human Development progress in India. | Н | Н | M | | | Н | L | | M | M |
| CO5 | Evaluate the policy measures for Human Development. | Н | Н | M | Н | L | Н | L | | L | L |

M.A. Part - I: Semester-II (Core Course)

| | Course Outcome (COs) | | | Prog | gram Spe | ecific Ou | itcomes | (PSOs) | | | |
|-----|--|---|-----|----------|------------|-----------|---------|--------|----------------|---------------|----|
| | | | Dom | ain Spec | eific (PSC | O) | | Dom | ain Ind (PS | depende O) | nt |
| | Course Name: 2T1: Micro Economic Analysis - 2 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Understand price & output determination under monopoly and monopolistic competition. | Н | Н | Н | | L | М | | | М | |
| CO2 | Explain various models of price determination under oligopoly. | М | М | L | | | L | | | L | |
| CO3 | Understand the distribution of resources in society through the theories of Wage determination, Rent, Interest and Profit. | M | Н | М | L | | L | М | | М | |
| CO4 | Explain various welfare theories and critically evaluate. | Н | Н | М | М | | L | М | | М | M |



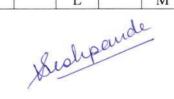
| | Course Outcome (COs) | | | | Progra | am Spe | cific O | utcom | es (PSC | Os) | |
|-----|--|---|-----|--------|----------|--------|---------|-------|---------|---------|------------|
| | | | Dom | ain Sp | ecific (| PSO) | | Do | main] | Indepen | dent (PSO) |
| | Course Name: 2T2: Macro Economic Analysis – 2 Identify reasons for money demand and the theories | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Identify reasons for money demand and the theories behind it. | Н | Н | М | M | | Н | | L | | |
| CO2 | Understand the interest rates theories and effectiveness of monetary and fiscal policy | Н | Н | M | M | | Н | | L | М | |
| CO3 | Learn the theories of inflation and rational and adaptive expectations | Н | Н | М | М | L | Н | | L | | |
| CO4 | Understand the concept of business cycles, theories and economic tools for tackling business cycles for decision making. | Н | Н | М | М | L | Н | | L | М | |

| | Course Outcome (COs) | | | | Progra | am Spe | cific O | utcom | es (PS | Os) | |
|-----|---|---|-----|--------|----------|--------|---------|-------|--------|----------|------------|
| | | | Dom | ain Sp | ecific (| PSO) | | Do | main | Independ | lent (PSO) |
| | Course Name: 2T3: Statistics for Economics – II | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Classify and design Random and non-random sample and calculate confidence interval for a population parameter for single sample and two sample cases. | Н | Н | М | М | L | | М | | | |
| CO2 | Learn non-parametric test such as the Chi-Square test for Independence as well as Goodness of Fit and Perform ANOVA and F-test. | Н | М | Н | M | L | Н | L | | М | |
| CO3 | Explain the nature and components of time series & its application in forecasting. | Н | Н | M | | L | | L | | | |
| CO4 | Understand both the meaning and application of Index Number with its limitations. | Н | Н | М | Н | L | N | Н | | М | |

| | Course Outcome (COs) | | | | Progra | am Spe | cific O | utcom | es (PSC | Os) | |
|-----|--|---|-----|--------|----------|--------|---------|-------|---------|---------|-----------|
| | | | Dom | ain Sp | ecific (| PSO) | | Do | main l | ndepend | ent (PSO) |
| | Course Name: 2T4: Indian Economic Policy - II | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Understand role of small and cottage industries and discuss trends of industrial product and productivity. | Н | | Н | | М | | | Н | | M |
| CO2 | Understand the structure and direction of India's foreign trade | Н | | Н | M | L | М | Н | M | Н | |
| CO3 | Explain the role of financial sector and its contribution | Н | | M | L | H | Н | | M | M | |
| CO4 | Discuss the India's economic reform and its impact. | Н | | Н | Н | M | M | | Н | M | L |

| | Course Outcome (COs) | | | P | rogran | Specif | ic Outco | mes (PS | Os) | | |
|-----|--|---|-----|---------|----------|--------|----------|---------|----------|--------|-------|
| | , | | Dom | ain Spe | cific (P | SO) | | Doma | in Indep | endent | (PSO) |
| | Course Name: 2T5: Agricultural Economics | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Understand & explain problems of agricultural marketing in India. | Н | Н | Н | | M | M | | M | M | |
| CO2 | Discuss problem of Indian farmers indebtedness and institutional finance support to agriculture. | Н | Н | M | | | M | | M | M | |
| CO3 | Analyse the relationship between farm mechanism, farm size and productivity & issues of food security. | M | М | Н | Н | | Н | Н | L | Н | Н |
| CO4 | Awareness of modern theories of agriculture development. | Н | М | Н | Н | | Н | М | | М | М |

| | Course Outcome (COs) | | Program Specific Outcomes (PSOs) | | | | | | | | | | | | |
|-----|--|---|----------------------------------|----------|---------|----|---|----|---|-----------------|-------|--|--|--|--|
| | | | Doma | in Speci | fic (PS | O) | | De | | Indeper PSO) | ident | | | | |
| | Course Name: 2T6: Urban Economics | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | | | |
| CO1 | Understand the concept, characteristics, process and effects of urbanization and trends of urbanization in India | Н | Н | Н | | L | M | | | М | M | | | | |
| CO2 | Appreciate the problems of unchecked urbanization. | Н | | Н | | | L | | M | | | | | | |



| CO3 | Understand the concept, principles and process of urban planning, growth of urban population & 21st century urbanization in India. | Н | Н | Н | М | M | M | М | М |
|-----|--|---|---|---|---|---|---|---|---|
| CO4 | Explain the meaning and theory of urban finance, management and theory of local finance. | Н | Н | Н | | М | L | | L |

| | Course Outcome (COs) | | | | Progra | am Spe | cific O | utcom | es (PSC | Os) | |
|-----|---|---|-----|--------|----------|--------|---------|-------|---------|----------|------------|
| | | | Dom | ain Sp | ecific (| PSO) | | Do | main l | Independ | lent (PSO) |
| | Course Name: 2T7: Rural Economy and Social Change | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Understand nature of rural economy in India and role and status of rural women. | Н | | Н | M | | Н | | Н | М | |
| CO2 | Discuss various rural social problem and their remedies. | Н | М | M | M | М | Н | | | М | L |
| CO3 | Examine the role and impact of globalization on rural industrialization. | Н | | Н | Н | Н | Н | | М | L | M |
| CO4 | Asses the social change in rural India and various rural development programs. | Н | М | | | М | М | | М | М | M |

| | Course Outcome (COs) | | | | Prog | ram Spe | cific Ou | tcomes (| (PSOs) | | |
|------|--|---|----|---------|----------|---------|----------|----------|----------|------------|------|
| | | | Do | omain S | Specific | (PSO) | | Dor | nain Ind | ependent (| PSO) |
| Cour | se Name: 2T8: Mathematical Economics- II | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Be Proficient in using the mathematics for solving elasticity of demand, consumer surplus and revealed preference theory | Н | Н | М | | М | | М | | . L | |
| CO2 | Solve the point of production and cost optimum for the firm using the mathematical models | Н | Н | М | | М | | - 1 | | L | |
| CO3 | Analyse the profit maximisation strategies in different market structures | Н | Н | М | | М | | L | | L | |
| CO4 | Explain the mathematical models for various economic growth theories | Н | Н | М | | М | | М | | L | |

| | Course Outcome (COs) | | | | Progra | am Spe | ecific O | utcom | es (PSC | Os) | |
|-----|---|---|-----|--------|----------|--------|----------|-------|---------|---------|-----------|
| | | | Dom | ain Sp | ecific (| PSO) | | Do | main l | ndepend | ent (PSO) |
| | Course Name: 2T9 : Industrial Economics – II | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Explain the trend and effectiveness of industrial policies in growth and regional development | Н | М | M | | Н | | M | М | М | |
| CO2 | Understand the various sources of industrial finance & its role in industrial development. | Н | | Н | Н | М | М | 101 6 | Н | Н | |
| CO3 | Evaluate the impact of globalization on Indian industrial sector. | Н | | Н | M | Н | | | М | Н | M |
| CO4 | Understand the industrial profile of India. | Н | | Н | M | L | M | M | | M | |

| | Course Outcome (COs) | | | Pr | ogram | Specif | ic Out | comes | (PSOs) | | |
|--------|--|---|-----|--------|----------|--------|--------|-------|---------|---------|----------|
| | | | Dom | ain Sp | ecific (| PSO) | | Dom | ain Inc | lepende | nt (PSO) |
| Course | e Name: 2T10: Public Economics - II | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Understand and explain various theories of taxation. | Н | | M | M | | | | | M | |
| CO2 | Understand different theories related to public expenditure & role of public expenditure to achieve economic stability and social cost benefit analysis. | Н | М | | М | M | Н | М | L | М | L |
| CO3 | Define concept of public debt, its types and sources. Debt management and redemption along with its impact on economy. | Н | М | М | Н | M | Н | М | | L | |
| CO4 | Discuss role and impact of fiscal policy. Economic issues related to the fiscal imbalance & importance of the finance commissions. | Н | | М | Н | | Н | Н | M | | L |

| | Course Outcome (COs) | | | P | rogran | Specif | ic Out | comes (| PSOs) | | |
|-----|--|---|-----|---------|----------|--------|--------|---------|--------|---------|----------|
| | | | Dor | nain Sp | ecific (| (PSO) | | Doma | in Ind | epender | nt (PSO) |
| Cou | rse Name: 2T11: Environmental Economics | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Understand basic concepts, nature and scope of environmental | Н | Н | M | L | | L | L | | L | Н |
| | economics. | | | | | | | | | | |



| CO2 | Explain linkages between Economic development, Population and Environment, Poverty and the Environment also discuss why market failures about environment and how to internalize environmental externalities. | Н | Н | Н | M | | L | M | | L | M |
|-----|---|---|---|---|---|---|---|---|---|---|---|
| CO3 | Critically examine the environmental issues related to Agricultural and industrial development, SEZ and international trade. | Н | Н | Н | М | | Н | L | | L | L |
| CO4 | Discuss environmental problems and policy measures. | Н | Н | Н | M | L | M | M | L | | Н |

| | Course Outcome (COs) | | |] | Progra | am Spe | ecific O | utcome | s (PSO | s) | |
|-------|--|---|-----|--------|----------|--------|----------|--------|--------|---------|-----------|
| | | | Don | ain Sp | ecific (| (PSO) | | Do | main I | ndepend | ent (PSO) |
| Cours | se Name: 2T12: History of Economic Thought | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Understand and explain pre-admit economic thoughts | Н | Н | L | | | M | | | Н | |
| CO2 | Critically examine the economic thoughts of classical economist. | Н | Н | М | | | L | | L | М | |
| CO3 | Critically analyse modern economic thoughts. | Н | Н | M | | | M | | M | М | |
| CO4 | Have a historical consciousness of economic ideas. | Н | Н | M | | | M | | L | М | |

Program Matrix

Name of Program: M. A. (Economics)

(Low Correlation = L/1; Moderate Correlation=M/2; High Correlation=H/3)

M.A. Part - II: Semester-III (Core Course)

| | Course Outcome (COs) | Program Specific Outcomes (PSOs) | | | | | | | | | | | |
|-----|---|----------------------------------|------|--------|---------|------|---|-------|--------------|-------|--|--|--|
| | | | Doma | in Spe | cific (| PSO) | | Domai | n Independen | (PSO) | | | |
| | Course Name: 3T1: Economics of Growth and Development-I | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 9 | 10 | | | |
| CO1 | Acquire a basic understanding of the concepts, Index, issues and on-going debates on development economics. | Н | Н | М | L | | Н | М | L | L | | | |
| CO2 | Apply an analytical framework to understand the important structural characteristics of development | Н | Н | Н | L | М | Н | М | L | | | | |

| CO3 | Understand the issues of modern economic growth & income inequalities. | Н | Н | M | M | M | L | M | |
|-----|---|---|---|---|---|---|---|---|---|
| CO4 | Discuss the important models and theories in economic development and their policy implications | Н | Н | М | М | М | M | М | L |

| | Course Outcome (COs) | | | Prog | gram S | pecific | Outco | mes (P | SOs) | | | |
|-----|---|---|-----|--------|----------|---------|-------|--------|------|------------------------|----|--|
| | | | Dom | ain Sp | ecific (| PSO) | | Dor | | in Independent (PO) | | |
| | Course Name: 3T2: International Trade and Finance - I | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| CO1 | Understand important classical, neo classical and modern theories of international trade. | Н | М | L | | | | | | M | | |
| CO2 | Have knowledge recent development in the theories of the international trade. | Н | Н | L | | | М | | М | Н | | |
| CO3 | Explain the concept of what terms trade and gains from the trade & relevance for developing nation. | Н | | Н | | ec mi | М | M | | | | |
| CO4 | Explain the impact of trade on various economic activities and growth with technical progress. | Н | М | М | | | Н | М | М | М | L | |

| | Course Outcome (COs) | | | Pro | gram S | Specific | c Outc | omes (F | PSOs) | | |
|-----|--|---|-----|---------|----------|----------|--------|---------|-----------------|---|-----|
| | | | Dom | ain Spe | cific (I | PSO) | | Dor | nain Ind (PS | | ent |
| 06 | Course Name: 3T3 : Financial Institutions & Markets-I | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Have knowledge of the structure and functions of financial system, reforms in the Indian financial system. | Н | | Н | Н | | Н | | | Н | |
| CO2 | Understand interest rate determination, its structure & trends of interest rate in India. | Н | Н | M | M | M | Н | Н | Н | M | |
| CO3 | Explain Indian banking structure issues before commercial & co-operative banks & recent monetary policy development. | Н | | М | Н | M | М | M | М | М | |
| CO4 | Appreciate types and role of investment instruments, development banks, NBFCs & insurance in India. | Н | | Н | M | Н | M | | M | M | |

| | Course Outcome (COs) | | | Prog | ram S | pecific | Outco | omes (PSOs) | | | | |
|-----|--|---|-----|---------|----------|---------|-------|-------------|---------------|-------------|------|--|
| | , , | | Don | nain Sp | ecific (| PSO) | | Don | nain In (P | depen O) | dent | |
| | Course Name: 3T4: Gender Economics | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| CO1 | Understand issues in women & labour markets, wage differentials in female labour force & its structure determinants. | Н | Н | Н | | | М | | | M | | |
| CO2 | Understand the women's decision making power and factors affecting decision making power of women. | Н | Н | Н | | | Н | | | | | |
| CO3 | Understand and evaluate major issues of social security and social protection for women in India. | Н | M | M | | | M | | M | M | | |
| CO4 | Understand explain gender planning, gender & development indices & contribution women in national income. | Н | | Н | | L | М | | M | M | | |

| | Course Outcome (COs) | | | Prog | ram S | pecific | Outco | mes (P | SOs) | | | |
|-----|---|---|-----|---------|----------|---------|-------|--------|------|----------------------|----|--|
| | | | Dom | ain Spe | ecific (| PSO) | | Dor | | Independent (PSO) | | |
| | Course Name: 3T5 : Labour Economics | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| CO1 | Understand the basic mechanism of the labour market, theories, impact of globalisation and problems of labour market. | М | Н | Н | | М | | | M | L | Н | |
| CO2 | Describe the concept of Employment, Unemployment & the Schemes of the government for tackling of unemployment | Н | Н | M | | M | | | M | L | | |
| CO3 | Explain the Wage Theories & their Determination and role of wage boards and collective bargaining | Н | Н | M | | M | | | M | L | | |
| CO4 | Describe the Industrial Relations in India and the role of labour unions and ILO | M | Н | M | | Н | M | | M | L | Н | |

| | Course Outcome (COs) | | | Progra | m Spec | ific Ou | itcome | es (PS | Os) | | |
|-----|--|---|-----|----------|----------|---------|--------|---------------------------|-----|---|----|
| | | | Dom | ain Spec | ific (PS | SO) | | Domain Independe (PSO) | | | |
| | Course Name: 3T6: Poverty and Income Distribution | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Acquire a basic understanding of the concepts of Poverty and Income distribution and its different measurements. | Н | Н | М | L | | | L | | L | |
| CO2 | Understand the relationship of growth, poverty & income distribution along with characteristics of high poverty group. | Н | Н | Н | L | | М | Н | | L | |
| CO3 | Discuss measurement of poverty and income inequality globally and trends in income inequality and poverty in the India as well as in the world. | Н | Н | Н | L | L | Н | M | | L | |
| CO4 | Analyses Policy Options on Income Inequality and poverty interpret their implications and study the effectiveness of government policies for it. | Н | М | Н | L | | М | L | | L | Н |

| Course Outcome (COs) | | Altron- | Progra | m Spec | ific Ou | tcome | es (PS | Os) | | |
|---|---|---|--|--|--|--|--|--|---|--|
| | | Doma | in Spec | eific (PS | SO) | | Dor | | | ndent |
| Course Name: 3T7: Basic Econometrics | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Understand the basic concept and scope of Econometrics. Analyze the simple linear regression model and R square | Н | M | L | Н | | L | | M | L | L |
| Compute basic problems of the regression analysis and procedure to overcome it | Н | М | L | Н | Н | Н | Н | M | Н | |
| Understand the concept and application of dummy variable technique. | Н | M | L | Н | Н | Н | Н | M | Н | |
| Formulate lagged and distributed lagged modelling. | Н | M | L | Н | Н | Н | Н | M | Н | |
| | Course Name: 3T7: Basic Econometrics Understand the basic concept and scope of Econometrics. Analyze the simple linear regression model and R square Compute basic problems of the regression analysis and procedure to overcome it Understand the concept and application of dummy variable technique. | Course Name: 3T7: Basic Econometrics Understand the basic concept and scope of Econometrics. H Analyze the simple linear regression model and R square Compute basic problems of the regression analysis and procedure to overcome it Understand the concept and application of dummy variable technique. | Course Name: 3T7: Basic Econometrics Understand the basic concept and scope of Econometrics. H Analyze the simple linear regression model and R square Compute basic problems of the regression analysis and procedure to overcome it Understand the concept and application of dummy variable technique. | Course Name: 3T7: Basic Econometrics Understand the basic concept and scope of Econometrics. H M L Analyze the simple linear regression model and R square Compute basic problems of the regression analysis and procedure to overcome it Understand the concept and application of dummy variable technique. | Course Name: 3T7: Basic Econometrics Understand the basic concept and scope of Econometrics. H M L H Compute basic problems of the regression analysis and procedure to overcome it Understand the concept and application of dummy variable technique. | Course Name: 3T7: Basic Econometrics Understand the basic concept and scope of Econometrics. Analyze the simple linear regression model and R square Compute basic problems of the regression analysis and procedure to overcome it Understand the concept and application of dummy variable technique. Domain Specific (PSO) | Course Name: 3T7: Basic Econometrics Understand the basic concept and scope of Econometrics. Analyze the simple linear regression model and R square Compute basic problems of the regression analysis and procedure to overcome it Understand the concept and application of dummy variable technique. Domain Specific (PSO) 1 2 3 4 5 6 H M L H L H H H H H H H H H H H H H H H H | Course Name: 3T7: Basic Econometrics Understand the basic concept and scope of Econometrics. H M L H L L Analyze the simple linear regression model and R square Compute basic problems of the regression analysis and H procedure to overcome it Understand the concept and application of dummy variable H M L H H H H H technique. | Course Name: 3T7: Basic Econometrics Understand the basic concept and scope of Econometrics. H M L H L M M L H H M M Drocedure to overcome it Domain Specific (PSO) Domain I (PSO) Domain I (PSO) Domain I (PSO) 1 2 3 4 5 6 7 8 H M L H L M L M M L M M L M M L M M M M | Course Name: 3T7: Basic Econometrics Understand the basic concept and scope of Econometrics. Analyze the simple linear regression model and R square Compute basic problems of the regression analysis and procedure to overcome it Understand the concept and application of dummy variable technique. Domain Specific (PSO) Domain Indeper (PSO) Domain Indeper (PSO) A |

| | Course Outcome (COs) | | | Progra | am Sp | ecific (| Outco | mes (P | SOs) | | |
|-----|---|---|-----|---------|----------|----------|-------|--------|---------------|---|-------|
| | | | Dom | ain Spe | ecific (| PSO) | | Doma | ain In (PS | | ndent |
| | Course Name: 3T8: Economics - I | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Understand the concepts of micro economics such as demand analysis, ordinal & cardinal approach & production & cost analysis. | Н | Н | Н | | | М | | | М | |
| CO2 | Have conceptual knowledge of national income, consumption & investment function, business cycle & inflation. | Н | Н | M | | | М | | М | М | |
| CO3 | Understand the financial market & banking structure in India and its functions. | Н | M | M | | L | L | | | | |
| CO4 | Analyze the functioning of modern public finance including public revenue and public expenditure and the meaning of budget. | Н | | М | | | М | | | L | L |

| | Course Outcome (COs) | | | Progr | am Sp | ecific (| Outcor | nes (P | SOs) | | |
|-----|---|---|-----|---------|-----------|----------|--------|--------|------|----------------|-------|
| | | | Dom | ain Spe | ecific (I | PSO) | | Doi | | ndeper (SO) | ndent |
| | ourse Name: 3T9 : International Monetary System and inance | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Students acquire the dominant economic theories of balance of payments & methods to correct disequilibrium in it. | Н | Н | | L | | Н | | М | Н | |
| CO2 | Understand the principles & types of exchange rate, determination & function of foreign exchange market. | Н | М | М | М | | Н | Н | | М | |
| CO3 | Understand the developments in international monetary system & reforms in it, global financial & its effects on world economy. | Н | | М | Н | М | Н | М | Н | Н | |
| CO4 | Have knowledge of external sector policy in India since liberalization & for better understanding of cause & effect relationship. | Н | | Н | М | М | Н | | М | Н | |

Sistipande

| | Course Outcome (COs) | | | Progran | n Speci | fic Out | tcome | s (PSOs | s) | | |
|-----|---|---|------|----------|----------|---------|-------|---------|----|--------------|-------|
| | | | Doma | in Speci | ific (PS | O) | | Doma | | deper (O) | ndent |
| | Course Name: 3T10: Research Methodology - I Develop a thorough understanding of the fundamenta | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Develop a thorough understanding of the fundamental theoretical ideas and logic of research. | Н | Н | Н | | | M | | | M | |
| CO2 | Able to formulate research problem hypothesis & the research process. | Н | M | Н | | | M | | | M | |
| CO3 | Understand the meaning of research & sample design along with knowledge sampling methods. | Н | M | М | | | M | M | | M | |
| CO4 | Understand & explain various sources of data & methods of data collection along with merits & demerits. | Н | Н | Н | М | М | L | M | M | L | L |

M.A. Part - II : Semester-IV (Core Course)

| | Course Outcome (COs) | | I | Progran | n Speci | fic Out | tcome | s (PSO | s) | | |
|-----|--|---|------|---------|----------|---------|-------|--------|---------------|---|-------|
| | | | Doma | in Spec | ific (PS | O) | | Doma | ain In (PS | | ndent |
| | Course Name: 4T1: Economics of Growth and Development–II | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Acquire a basic understanding of the concepts, issues and domestic & international measures of economic development. | Н | Н | Н | L | | L | L | | L | |
| CO2 | Acquire skills and technique of application of Input-Output analysis and Linear Programming in Planning and real worlds various economic issues. | Н | Н | Н | M | М | Н | M | | L | |
| CO3 | Apply an analytical framework to understand the problems of Poverty & Inequality and policy options. | Н | Н | M | | | Н | L | | L | L |
| CO4 | Able to do assessment of Indian planning. | Н | M | Н | L | | M | L | 115 | L | L |
| CO5 | Acquire skills in conducting research related to development issues. | Н | Н | Н | M | Н | Н | | M | M | |

Medipande

| | Course Outcome (COs) | | I | rogran | n Speci | fic Ou | tcome | s (PSO | s) | | |
|-----|---|---|------|---------|----------|--------|-------|--------|-------------------------|---|----|
| | | | Doma | in Spec | ific (PS | (O) | | Doma | ain Independen (PSO) | | |
| | Course Name: 4T2: International Trade and Finance–II Understand need and importance of trade restriction | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Understand need and importance of trade restriction. Optimum rate of the restrictions. | Н | М | L | | | | | | M | |
| CO2 | Explain different economic integrations and regional trading arrangements. | Н | Н | L | | | M | | M | Н | |
| CO3 | Explain equilibrium of the balance of payment, determination of the appropriate exchange rate. | Н | | Н | | | M | | | | |
| CO4 | Discuss the importance of the foreign capital to any country and will be able to take the decision about the EXIM policies. | Н | М | М | | | Н | | М | М | L |

| | Course Outcome (COs) | | I | rogran | n Speci | fic Out | tcome | s (PSO | s) | | |
|-----|---|---|-------|---------|----------|------------|-------|--------|---------------|-----|-------|
| | | | Domai | in Spec | ific (PS | O) | | Doma | ain In (PS | 100 | ndent |
| | Course Name: 4T3 :Financial Institutions & Markets-II | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Understand & discuss functions, instruments, development & weaknesses of Indian money market. | Н | | Н | М | | Н | | | Н | |
| CO2 | Explain structure development & instruments of primary capital market & role of SEBI | Н | М | Н | М | M | M | | | M | |
| CO3 | Explain the function of stock exchange, debt market, derivative market & regulation of secondary capital market. | Н | | М | М | Н | Н | Н | M | L | |
| CO4 | Discuss the international financial market & international financial flows and cause & impact of global financial crisis. | Н | | М | | | М | М | M | M | |

| | Course Outcome (COs) | |] | Progran | n Speci | fic Ou | tcome | s (PSO | s) | | |
|-----|--|---|------|----------|----------|------------|-------|--------|---------------|---|-------|
| | | | Doma | in Speci | ific (PS | O) | | Doma | ain In (PS | | ident |
| | Course Name: 4T4 : Economics of Marketing | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Understanding of various concepts of Marketing management and consumer behaviour | M | Н | М | | | M | Н | | M | Н |
| CO2 | Decide and plan, develop, execute and control marketing mix | M | Н | M | | | | Н | | M | M |
| CO3 | Understand the role and functions of Advertising and Sales Promotion | M | Н | M | G C | | | Н | | M | Н |
| CO4 | Explain the concept of physical distribution and sales force management | M | Н | М | | | M | Н | | M | |

| | Course Outcome (COs) | | I | Progran | n Speci | fic Out | tcome | s (PSO | s) | | |
|-----|--|---|------|---------|----------|---------|-------|--------|--------------|---|-------|
| | | | Doma | in Spec | ific (PS | O) | | Doma | in In (PS | | ndent |
| | Course Name: 4T5 : Computer Application in Economics | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Students will be able to understand characteristics, types and function of computers and the Software concepts and their applications. | Н | Н | Н | M | М | | М | L | | |
| CO2 | Students will be able to understand features of database management systems and Relational database. | Н | Н | | M | M | M | | | | |
| CO3 | Students can operate MS Office and other software. | Н | | M | M | M | L | L | | M | M |
| CO4 | Students can understand the payment systems for E – commerce and the process of Selling and Marketing on web. | Н | Н | M | M | M | | | M | | M |

| | Course Outcome (COs) | - 00 | 1 | Progra | m Spe | ecific | Outco | mes (P | Os) | | |
|-----|--|------|--------|--------|-------|-----------------------------|-------|--------|-----|---|----|
| | | | Domain | Specif | Don | Domain Independent (PSO) | | | | | |
| | Course Name: 4T6: Rural Development | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Gain insight into the socio-economic structure of rural India. | Н | | Н | | L | Н | | L | Н | |

| CO2 | Understand the prospects and problems of rural development in India. | Н | | M | M | | Н | М | M | |
|-----|--|---|---|---|---|---|---|---|---|---|
| CO3 | Study about raising the standard of living of people in rural areas | Н | М | Н | | M | М | L | М | M |
| CO4 | Study about changing the attitudes of the rural people towards transformation of village community | M | | M | Н | M | М | М | М | M |

| | Course Outcome (COs) | | 1 | rogra | m Spe | cific (| Outcor | mes (P | SOs) | | |
|-----|--|---|--------|--------|---------|---------|--------|--------|----------------|---|------|
| | | | Domain | Specif | fic (PS | (O) | | Don | nain In (PS | | dent |
| | Course Name: 4T7: Advanced Econometrics | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Understand the basic concept of simultaneous equation model, problem of identification and various methods of simultaneous equations. | Н | М | L | | | L | | М | L | |
| CO2 | Understand & use the concept of time series analysis and different testing techniques used for the time series analysis and forecasting. | Н | М | L | Н | Н | Н | Н | М | Н | |
| CO3 | Explain the concept and application of Panel data technique. | Н | M | L | Н | Н | Н | Н | M | Н | |
| CO4 | Explain the concept and applications of the various multivariate analysis tools. | Н | М | L | Н | Н | Н | Н | М | Н | |

| | Course Outcome (COs) | | | Progr | am Sp | ecific | Outco | omes (l | PSOs) | | |
|-----|--|---|-------|---------|----------|--------|-------|---------|----------------|---|------|
| | | | Domai | in Spec | eific (P | SO) | | Don | nain In (PS | | dent |
| | Course Name: 4T8: Economics - II | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CO1 | Explain the role of international trade and working of foreign exchange markets | Н | Н | Н | M | | М | | | M | |
| CO2 | Distinguish between economic growth and development and understand its measurement | Н | | M | | L | | М | | L | |
| CO3 | Understand the features and growth of Indian Economy. | Н | Н | Н | M | L | M | | M | M | |

bestipande

| CO4 | Discuss the Economy of Maharashtra and challenges before it. | Н | Н | | | M | L | | | L | |
|-----|--|---|---|--|--|---|---|--|--|---|--|
|-----|--|---|---|--|--|---|---|--|--|---|--|

| | Course Outcome (COs) | Program Specific Outcomes (PSOs) | | | | | | | | | | |
|-----|---|----------------------------------|---|---|---|---|---|-----------------------------|---|---|----|--|
| | Course Name: 4T9: Welfare Economics | Domain Specific (PSO) | | | | | | Domain Independent (PSO) | | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| CO1 | Acquire basic understanding of the concepts and various approaches of Pre-Paretian and Paretian welfare economics. | Н | Н | M | | | L | L | | | Н | |
| CO2 | Examine the conditions for economic efficiency and apply the marginal social benefit and marginal social cost principle | Н | М | M | L | | | L | | | L | |
| CO3 | Examine the ways in which externalities, public goods and monopolies create market failures | Н | М | M | | | Н | L | | L | L | |
| CO4 | Understand the arguments for and against government intervention in an otherwise competitive market | Н | М | M | L | | L | M | | | L | |
| CO5 | Study the effectiveness of government policies such as subsidies, taxes, quantity controls, transfer programs and public provision of goods and services; | Н | М | Н | | | | M | | M | | |

| | Course Outcome (COs) | Program Specific Outcomes (PSOs) | | | | | | | | | | |
|-----|--|----------------------------------|---|---|---|---|---|---|-----------------------------|---|----|--|
| | Course Name: 4T10: Research Methodology | Domain Specific (PSO) | | | | | | | Domain Independent (PSO) | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| CO1 | Helps students to conduct data processing and learn tools & techniques for statistical analysis. | Н | Н | Н | L | M | M | M | L | M | | |
| CO2 | Learn testing of hypothesis & interpretation of data for meaningful result. | Н | Н | М | | | M | Н | M | M | | |
| CO3 | Train the students for writing research report and using various citation methods. | Н | | Н | | | L | L | | | | |
| CO4 | Learn the use of computers and SPSS in research by using care studies. | Н | Н | Н | M | M | | Н | | M | | |

Page 21 of 22 de Sueha Destipande BGS Chairman,