National Education Policy-2020

Dr. Rammanohar Lohia Avadh University, Ayodhya

Syllabus for B.A. 4th Year Degree (Honours)/ M.A. 1st Year & M.A. 2nd year

SUBJECT: ECONOMICS

Structure of (Revised) Syllabus is developed by:

S. N.	Name	Designation	Department	College/University
1.	Dr. Jitendra Bahadur Pal	Professor, Convenor- BoS	Department of Economics	Shri Lal Bahadur Shastri Degree College, Gonda
2.	Dr. Hajari Prasad Chaudhary	Professor, Member	Department of Economics	T.N.P.G. College, Tanda, Ambedkar Nagar
3.	Dr. Sanjeev Ratan Gupta	Associate Professor, Member	Department of Economics	Sant Tulsidad P.G. College, Kadipur, Sultanpur
4.	Dr. Chandrakesh Kumar	Assistant Professor, Member	Department of Economics	B.B.D.P.G. College, Paruiya Ashram, Ambedkarnagar
5.	Mr. Asheesh Kumar Jaiswal	Guest Lecturer, Preparator	Department of Economics	Shri Lal Bahadur Shastri Degree College, Gonda

JBpal

B.A. 4th Year Degree (Honours)/ M.A. 1st Year & M.A. 2nd year
Subject- Economics

PROGRAMME OUTCOMES(POs)-

Economics Post Graduate will be able to-

PO 1. Demonstrate knowledge of theories, policies, and empirical findings of economics.
PO 2. Engage in scientific inquiry, critical thinking, using quantitative and qualitative methods.
PO 3. Access and extract data from multiple sources, analyse and interpret the results using quantitative and qualitative tools.
PO 4. Demonstrate competence in written and oral communication and convincingly present arguments with virtual tools.
PO 5. Apply knowledge of economics for team building and create entrepreneurial initiatives for livelihood and social development.

PROGRAMME SPECIFIC OUTCOMES

At the end of the programme, the students -

PSO 1. Would be able to prepare various competitive examinations such as—NET, JRF, UPSC, PCS, IES etc.
PSO 2. Would be able to find out respectable and rewarding job both in public and private sector.
PSO 3. Would be able to start its own business, career in academics, computer related services, consultation services etc.
PSO 4. Would be able to take admissions in quality institutions for research activities.
PSO 5. Would have better understanding and skill in policy formation, economic analysis and entrepreneurship.

List of all papers in all two/four semesters.

Semester wise titles of the papers in B.A. 4th Year Degree (Honours) / M.A. 1st Year & M.A. 2nd year (Economics)-

w.e.f. session: 2025-26

Course Code		Course Title	Credits	T/P	Evaluation	
					CIE	ETE
A	B	C	D	E	F	G
B.A. SEM.VII (Year IV)/M.A. SEM.I (YEAR I)						
A080701T	CORE	History of Economic Analysis	4	T	25	75
A080702T	CORE	Micro Economic Analysis	4	T	25	75

A080703T	CORE	Problems of Indian Economy: Basic Issues	4	T	25	75
A080704T	CORE	Statistical Methods	4	T	25	75
A080705T	Elective (Select any one)	Population Problems	4	T	25	75
A080706T		Economy of Uttar Pradesh	4	T	25	75
B.A. SEM.VIII (Year IV)/M.A. SEM.II (YEAR I)						
A080801T	CORE	Advanced Economic Theory	4	T	25	75
A080802T	CORE	Indian Economy: Industrial and External Sector	4	T	25	75
A080803T	CORE	Research Methodology	4	T	25	75
A080804T	CORE	Industrial Economics	4	T	25	75
A080805T	Elective (Select any one)	Environmental Economics	4	T	25	75
A080806T		Industrial Relation and Social Security	4	T	25	75
M.A. SEM.III (YEAR II)						
A080901T	CORE	Monetary Economics	4	T	25	75
A080902T	CORE	International Economics	4	T	25	75
A080903T	CORE	Economics of Growth & Development	4	T	25	75
A080904T	ELECTIVE (Select any one)	Agriculture Economics	4	T	25	75
A080905T		Labour Economics	4	T	25	75
A080906P	ELECTIVE (Select any one)	Project Presentation on Indian Foreign Trade and It's challenges	4	P	25	75
A080907P		Project Presentation on Economic Policies of Rural Development	4	P	25	75
M.A. SEM.IV (YEAR II)						
A081001T	CORE	Macro-Economic Analysis	4	T	25	75
A081002T	CORE	Public Economics	4	T	25	75
A081003T	CORE	Modern International Economics	4	T	25	75
A081004T	ELECTIVE (Select any one)	Demography	4	T	25	75
A081005T		Economics of Social Sector	4	T	25	75
A081006P	RESEARCH PROJECT/ DISSERTATION	Research Project/Dissertation	4	P	25	75

Semester wise titles of the papers in B.A. 4th Year UG Degree (Honours with Research)- Economics

Course Code		Course Title	Credits	T/P	Evaluation	
					CIE	ETE
A	B	C	D	E	F	G
B.A. SEM.VII (YEAR IV)- Honours with Research						
A080701T	CORE	History of Economic Analysis	4	T	25	75
A080702T	CORE	Micro Economic Analysis	4	T	25	75
A080703T	CORE	Problems of Indian Economy: Basic Issues	4	T	25	75
A080704T	CORE	Statistical Methods	4	T	25	75
A080707P	ELECTIVE (Select any one)	Project Presentation on the Problem of Indian Economy	4	P	50	50
A080708P		Project Presentation on infrastructure development of India	4	P	50	50
B.A. SEM.VIII (YEAR IV)- Honours with Research						
A080801T	CORE	Advanced Economic Theory	4	T	25	75
A080802T	CORE	Indian Economy: Industrial and External Sector	4	T	25	75
A080803T	CORE	Research Methodology	4	T	25	75
A080804T	CORE	Industrial Economics	4	T	25	75
A080807P	ELECTIVE (Select any one)	Project Presentation on Indian M.S.M.E.	4	P	50	50
A080808P		Research Project/Field or survey work	4	P	50	50

NOTE:

1. **T/P**in Column-E stands for **Theory/Practical**.
2. **CIE** in Column-F stands for **'Continuous Internal Evaluation'** and depicts the maximum internal marks. Respective examination will be conducted by subject teacher.
3. **ETE** in Column-G stands for **'External Evaluation'** and depicts the maximum external marks. Respective Examination will be conducted by the University.
4. Column-B defines the nature of course/paper. The word **CORE** herein stands for **Compulsory Subject Paper**.
5. Column-D depicts the credits assigned for the corresponding course/paper.
6. **Elective:** It will be a Subject Elective. Students may select any one of the two project papers under this category.
7. Methodology for the practical examination and examiner appointment will be governed by the Clause-13 of the NEP Guideline of RMLAU dated 27-06-2022 except the marks distribution for continuous internal evaluation and external evaluation.

B.A. SEM.VII (Year IV)/M.A. SEM.I (YEAR I)

Core Paper-I

Programme/Class: Degree/B.A./M.A.	Year: B.A. Year 4th / M.A. Year 1st	Semester: B.A.Sem.VII/M.A.Sem.I
Subject: Economics		
Course Code: A080701T	Course Title: **History of Economic Analysis**	

Course Outcome:

- To learn and discuss, at an advanced undergraduate level, how the economic thought has evolved over time.
- Introducing students to the critical comparison of the contributions of the main schools of economics.
- To introduce & highlight before the students about Indian Economic Thinkers and their valuable contribution in the field of Economics.
- The classical, the marginalize revolution and its application to the theories of general and partial equilibrium.
- The current macroeconomic debate between the neo-classical and the Keynesian school.

Credits: 4	Core Compulsory
Max. Marks: 25+75	Min. Passing Marks: 10+30

Total No. of Lectures-Tutorials- 60 Hours

Unit	Topics	No. of Lectures
1.	Ancient and Modern Indian Economic Thoughts: Kautilya, Thiruvallvallvar, Somedev Suri, G.K.Gokhale, M.Visesvaraya, C.N.Vakil, V.K.R.V. Rao, Vinoba Bhave.	15
2.	The socialist St. Simon. Association- Robert Owen, Charles Fourier, F. Lassalle. The Historical School. The Nationalist-Friedrick List.	15
3.	Neo classical Thought- Alfred Marshall: Utility Analysis, J.S.Mill, J.M. Keynes- Theory of money, Trade cycle. Henry Sidgewick, J.S.Nicholson.	15
4.	Modern Economists- J.B.Clark, R.G.Hawtrey, D.H. Robertson, L. Robbins, Smt. Joan Robinson.	15

Basic Reading List: -

1- Dobb, Maurice: Theories of Value and Distribution since Adam Smith

2- Gide and Rist: History of Economic Doctrines

3- Grey, A.: History of Economic Doctrine.

4- Hazela: A History of Economic Thought.

5- Schumpeter, J.A.: History of Economic Analysis.

6- चतुर्वेदी, महेशचन्द्र एवं चतुर्वेदी, मिथलेश चन्द्र: आर्थिक चिन्तन का इतिहास, साहित्य भवन पब्लिकेशन, आगरा

7- पन्त, जे.सी. एवं सेठ, एम.एल.: आर्थिक विचारों का इतिहास, लक्ष्मी नारायण अग्रवाल, आगरा

8- सिन्हा, वी.सी.: आर्थिक विचारों का इतिहास, मयूर पेपरबैक्स, गाजियाबाद

B.A. SEM.VII (Year IV)/M.A. SEM.I (YEAR I)

Core Paper-II

Programme/Class: Degree/B.A./M.A.	Year: B.A. Year 4th / M.A. Year 1st	Semester: B.A.Sem.VII/M.A.Sem.I
Subject: Economics		
Course Code: A080702T	Course Title: **Micro Economic Analysis**	

Course Outcome:

- Enables the student to understand the various behaviours of various economic units such as consumer, producer and firm.
- Enables the student to understand the decision-making process of various economic units such as consumer, producer and firm.
- Enables the student to understand the price determination process of firm under different market conditions
- Evaluate theories of firms for revenue and welfare maximization.

Credits:4	Core Compulsory
Max. Marks: 25+75	Min. Passing Marks: 10+30
Total No. of Lectures-Tutorials- 60 Hours	

Unit	Topics	No. of Lectures
1.	Consumer's Behaviour: Cardinal Utility Analysis; Marginal and Total Utility; Gossen's First & Second Law; Derivation of Demand curve from Utility Function. Indifference Curve Analysis: Consumer's Equilibrium; Income, Substitution and Price Effects; Derivation of Demand Curve from PCC; Application of Indifference Curve. Revealed Preference Theory. The concept of consumer's Surplus- Marshall and Hicks.	18
2.	Elasticity of Demand: Types, measurement and factors affecting demand elasticity. Engel Curve and Income Elasticity. Demand Elasticity of Substitution. Relation among various Types of elasticities. Elasticity of Suply.	12
3.	Theory of Production: Production Function; Short-run and long-run Production Function, Linear and Homogenous Production Function. Cobb-Douglas Production Function; Producer's Equilibrium with help of Iso-product Curve. Returns to Scale. Ridge Lines.	15
4.	Market: Theories and Models Related to- Perfect Competition; Monopoly; Monopolistic Competition; Oligopoly and Duopoly.	15

Basic Reading List:

1. Ahuja, H.L.: Advanced Economic Theory, S. Chand & Company, New Delhi

2- Das, S.P.: Microeconomics for Business, Sage Publication, New Delhi.

3- Koutsoyiannis, A.: Modern Microeconomics, Macmillan press, London.

4- Stonier and Hague: A text book of Economic Theory, Long Man Higher Education.

5- बंसल-अग्रवाल: व्यष्टि अर्थिक विश्लेषण, साहित्य भवन पब्लिकेशन्स, आगरा

6- लाल, एस.एन.: व्यष्टि अर्थशास्त्र, शिवम पब्लिशर्स, प्रयागराज

7- सेठ, एम.एल.: माइक्रो अर्थशास्त्र, लक्ष्मी नारायण पब्लिकेशन, आगरा

B.A. SEM.VII (Year IV)/M.A. SEM.I (YEAR I)

Core Paper-III

<table>
<tr><td>Programme/Class: Degree/B.A./M.A.</td><td colspan="2">Year: B.A. Year 4th / M.A. Year 1st</td><td>Semester: B.A.Sem.VII/M.A.Sem.I</td></tr>
<tr><td colspan="4">Subject: Economics</td></tr>
<tr><td>Course Code: A080703T</td><td colspan="3">Course Title: Problems of Indian Economy: Basic Issues</td></tr>
<tr><td colspan="4">Course Outcome:

• Enables the student to understand the facts and various aspects of basic issues of Indian economy such as national income, poverty, unemployment, population, labour force etc.
• Enables the student to understand the planning process and resources base such as natural resources, physical infrastructure and social infrastructure of Indian economy.
• Enables the student to understand the situation, problems and prospects of agriculture sector of Indian economy
• Generating awareness about the relationship between technical change and peasant agriculture.
• Understanding the various aspects of agricultural price policy in Indian.</td></tr>
<tr><td colspan="2">Credits: 4</td><td colspan="2">Core Compulsory</td></tr>
<tr><td colspan="2">Max. Marks: 25+75</td><td colspan="2">Min. Passing Marks: 10+30</td></tr>
<tr><td colspan="4">Total No. of Lectures-Tutorials- 60 Hours</td></tr>
<tr><td>Unit</td><td colspan="2">Topics No. of Lectures</td><td>No. of Lectures</td></tr>
<tr><td>1.</td><td colspan="2">Basic Features of Indian Economy; Basic Economic Indicators and their Importance. Changes in Economy in Planning Period; NITI Ayog and Post-Plan Development. Demographic Structure: Features and Population Policy. Occupational Distribution.</td><td>18</td></tr>
<tr><td>2.</td><td colspan="2">National Income: Concept, Trends, Compositions and Structural Changes; Income Distribution and Income Inequality, Regional Disparities.</td><td>12</td></tr>
<tr><td>3.</td><td colspan="2">Poverty in India: Concepts, incidence & extent of poverty in India; Absolute and Relative Poverty; Poverty Ratio; Multidimensional Poverty Index; Poverty Alleviation Programme; Poverty and Unemployment.</td><td>15</td></tr>
<tr><td>4.</td><td colspan="2">Agriculture Sector: Role of Agriculture, Growth of Indian Agriculture. Institutional Aspects - Land Reform; Technological changes in Agriculture; Agriculture price Policy in India; Agriculture Finance; Agriculture Marketing.</td><td>15</td></tr>
</table>

<u>Basic Reading list</u>: -

1. Agrawal, A.N.: Indian Economy, New Edge Publications, New Delhi.
2. Dandekar, V.M. and Rath, N.: Poverty in India, Indian School of Political Economy, Bombay.
3. Dutt R. and Sundaram, KPM: Indian Economy, S. Chand & Co. Ltd, New Delhi.
4. Kapila, Uma: Indian Economy Since Independence, Academic Foundation, New Delhi.
5. Mishra, S.K. and Puri, V.K. : Indian Economy, Himalayan Pub., Mumbai.
6. Parikh, K.S.: Indian Development Report- 1999-2000, Oxford University Press.

B.A. SEM.VII (Year IV)/M.A. SEM.I (YEAR I)

Core Paper-IV

Programme/Class: Degree/B.A./M.A.	Year: B.A. Year 4^{th} / M.A. Year 1^{st}	Semester: B.A.Sem.VII/M.A.Sem.I
Subject: Economics		
Course Code: A080704T	Course Title: **Statistical Methods**	

Course Outcome:

- Enables the student to understand the various methods of correlation and regression analysis.
- Enables the student to understand the technique of interpolation and extrapolation.
- Enables the student to understand the different concepts of probability and use of probability theory in statistical analysis.
- Enables the student the various types of theoretical statistical distribution such as Binomial, Poisson and Normal Distribution.
- Enables the student to understand the statistical testing procedure.

Credits: 4	Core Compulsory
Max. Marks: 25+75	Min. Passing Marks: 10+30

Total No. of Lectures-Tutorials- 60 Hours

Unit	Topics	No. of Lectures
1.	Correlation Analysis: Concept and Types of correlation, Degree of correlation, Karl Pearson's correlation and Spearman's rank method of correlation coefficient. Regression Analysis: Regression lines, Regression Equations, Regression coefficients, Regression Equation by Least Squares Method.	15
2.	Interpolation and Extrapolation: Concept, use and assumptions of interpolation and extrapolation, Direct Binomial Expansion method, Newton's method of advancing differences, Lagrange's method of interpolation and extrapolation.	15
3.	Probability Theory: Concept, Origin and Development of Probability, Permutation and Combination Rules of Probability, Addition & Multiplication Theorem, Conditional Probability, Bernoulli's theorem, Inverse Probability.	15
4.	Theoretical Frequency Distribution- Binomial, Poisson and Normal Distribution. Test of Significance- Large and Small Samples Tests, Chi-Square Test and Goodness of Fit. Basic idea of test of significance based on t, z and F distribution.	15

Basic Reading list :-

1- Elhans, D.N: Fundamentals of Statistics, Kitab Mahal, New Delhi.
2- Gupta, S.C.: Fundamental of Mathematical Statistics, Himalaya Publishing House, New Delhi.
3- गुप्ता, के.एल.: प्रारम्भिक सांख्यिकी, नवयुग साहित्य सदन, आगरा।
4- गुप्ता, वी.एन.: सांख्यिकी, साहित्य भवन, आगरा।
5- नागर, कैलाशनाथ: सांख्यिकी के मूल तत्व, मिनाक्षी प्रकाशन, मेरठ
6- सिंह, एस.पी.: सांख्यिकी:सिद्धांत एवं व्यवहार, एस. चन्द एण्ड कं. नई दिल्ली

B.A. SEM.VII (Year IV)/M.A. SEM.I (YEAR I)

Elective Paper- V

Programme/Class: Degree/B.A./M.A.	Year: B.A. Year 4th / M.A. Year 1st	Semester: B.A.Sem.VII/M.A.Sem.I
Subject: Economics		
Course Code: A080705T	Course Title: **Population Problems**	

Course Outcome:

- Enables the student to understand the Sources and Importance Demographic Data, Census.
- Enables the student to understand the Methods of Measurement of population growth and Population Projection.
- Enables the student to understand the Fertility Patterns in India, Population Policy of India, Meaning and Theories and Models of Migration. Demographic Trends in selected countries.

Credits:4	Elective
Max. Marks: 25+75	Min. Passing Marks: 10+30
Total No. of Lectures-Tutorials- 60 Hours	

Unit	Topics	No. of Lectures
1.	Demography in India: Sources of population data, census, trends of birth and death, age and sex composition.	15
2.	Occupational and regional distribution, measurement of population growth, population projection. Fertility Patterns in India, population policy of India.	15
3.	Migration: Meaning, Theories and Models, classification, Industrialisation and migration, Migration and urbanization. Population and environment, Human resource development and economic development.	18
4.	Demographic Trends in selected countries: USA, UK, Japan and China; World population trends.	12

Basic Reading List: -

1. Davis, Kingsley, Population of India and Pakistan.
2. Agrawal, S.N.: India's Population Problem, Tata McGraw-Hill Co. Bombay.
3. Bose, A.: India's Basic Demographic Statistics, B.R. Pub. Corp., N. Delhi.
4. Gulati, S.C. (1988): Fertility in India: An Econometric Analysis of a Metropolis, Sage Publications Ltd., New Delhi.
5. Sinha, V.C.: Demography, SBPD Publishing House, Agra.
6. Srinivasan, K: Basic Demographic Techniques and Application, Sage Pub., N. Delhi.
7. Bogue, D.J. (1971): Principal of Demography, John Welly, New York.

B.A. SEM.VII (Year IV)/M.A. SEM.I (YEAR I)

Elective Paper-VI

<table>
<tr><td colspan="2">Programme/Class: Degree/B.A./M.A.</td><td colspan="2">Year: B.A. Year 4th / M.A. Year 1st</td><td>Semester: B.A.Sem.VII/M.A.Sem.I</td></tr>
<tr><td colspan="5">Subject: Economics</td></tr>
<tr><td colspan="2">Course Code: A080706T</td><td colspan="3">Course Title: Economy of Uttar Pradesh</td></tr>
<tr><td colspan="5">Course Outcome:
• Students are able to know about basic economic features of Uttar Pradesh Economy, growth pattern, agriculture and rural development and sectoral growth and development in Uttar Pradesh.
• Students are able to develop an understanding about Uttar Pradesh, its demographic feature, natural resources and factors that can stimulate its economic growth and development.
• Students would be familiar with the rural development of Uttar Pradesh over the period of time.
• Students would be familiar with the industrial development in India and in Uttar Pradesh.</td></tr>
<tr><td colspan="3">Credits:4</td><td colspan="2">Elective</td></tr>
<tr><td colspan="3">Max. Marks: 25+75</td><td colspan="2">Min. Passing Marks: 10+30</td></tr>
<tr><td colspan="5">Total No. of Lectures-Tutorials- 60 Hours</td></tr>
<tr><td>Unit</td><td colspan="3">Topics</td><td>No. of Lectures</td></tr>
<tr><td>1.</td><td colspan="3">Introduction Overview of Uttar Pradesh Economy: Nature, Features, Demographic Profile, Status of Natural Resources; Major Factors affecting growth and development in Uttar Pradesh. Economic and non-economic factors in economic development of Uttar Pradesh.</td><td>15</td></tr>
<tr><td>2.</td><td colspan="3">Growth Pattern of Uttar Pradesh Economy: Sectoral growth pattern of in Uttar Pradesh; Economic growth in Uttar Pradesh and Indian Economy: A comparison; Infrastructural development of Uttar Pradesh.</td><td>15</td></tr>
<tr><td>3.</td><td colspan="3">Agricultural and Rural Development in Uttar Pradesh: Pattern of land-holding and irrigation; production and productivity in agriculture; Farm mechanization, Crop diversification, agricultural credit, Agricultural policy and strategies in Uttar Pradesh. Rural Development: Problems and Policies.</td><td>15</td></tr>
<tr><td>4.</td><td colspan="3">Industrial and service sector development in U.P.: Major industries in Uttar Pradesh, Pattern of Industrial Development in Uttar Pradesh, Industrial Policy in Uttar Pradesh, growth pattern of Services sector and its linkages of other sectors of U.P. Economy. Micro, small and medium enterprises (MSMEs) in Uttar Pradesh. One District One Product.</td><td>15</td></tr>
<tr><td colspan="5"><u>Basic Reading List:</u> -
1. Mishra, Arvind Narayan & Atul Chandra (2018): The Economy of Uttar Pradesh. Gutenberg Publication ISBN: 9789386240224, 9789386240224
2. Agarwal, M K (2009): Uttar Pradesh ka Arthik Vikas. New Royal Book Company
3. Uttar Pradesh State Development Report, Volume I & II, State Plan Division, Planning Commission, Govt. Of India, 2014
4. Publications of Government of Uttar Pradesh.
5. Uttar Pradesh Development Report, UNDP, 2008.
6. सिन्हा, वी.सी.: भारतीय अर्थव्यवस्था एवं उ.प्र. की अर्थव्यवस्था, एस.बी.पी.डी. पब्लि.हाऊस, आगरा।</td></tr>
</table>

B.A. SEM.VII (Year IV) Honours with Research

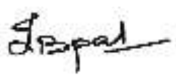
Elective Paper- VII/VIII

<table>
<tr><td>Year: B.A. Year 4th</td><td>Semester: B.A.Sem.VII (Honours with Research)</td></tr>
<tr><td colspan="2">Subject: Economics</td></tr>
<tr><td>Course Code: A080707P/A080708P</td><td>Course Title: Project Presentation on the Problem of Indian Economy/ Project Presentation on infrastructure development of India</td></tr>
<tr><td colspan="2">Course Outcome:
• The students will understand the characteristics of Indian Economy.
• The students will understand the main problems of Indian Economy.
• The students will understand the role & importance of different schemes launched by the Govt.
• The students will acquire knowledge regarding different Government Schemes available for solve the problem of poverty and unemployment.</td></tr>
<tr><td>Credits:4</td><td>Elective</td></tr>
<tr><td>Max. Marks: 50+50</td><td>Passing Marks: 20+20</td></tr>
<tr><td colspan="2">The B.A.Sem.VII (Honours with Research) Students in the Seventh Semester (Elective) would be required to do project Work/ Field work which is to be related to the elective area chosen by the students. The Project work/ Field work would be evaluated by an internal and external examiner appointed by the university.</td></tr>
</table>

B.A. SEM.VIII (Year IV)/M.A. SEM.II (YEAR I)

Core Paper-I

<table>
<tr><td colspan="2">Programme/Class: Degree/B.A./M.A.</td><td colspan="2">Year: B.A. Year 4th / M.A. Year 1st</td><td>Semester: B.A.Sem.VIII/M.A.Sem.II</td></tr>
<tr><td colspan="5">Subject: Economics</td></tr>
<tr><td colspan="2">Course Code: A080801T</td><td colspan="3">Course Title: Advanced Economic Theory</td></tr>
<tr><td colspan="5">Course Outcome:
• Enables the student to understand the types of equilibrium, Cobweb Theorem and alternative theory of firm.
• Enables the student to understand the marginal, modern and Macro theory of income distribution.
• Enable the student to Understand the theory of factor pricing, Economic welfare criterion, Pareto optimality condition and social welfare function.</td></tr>
<tr><td colspan="3">Credits: 4</td><td colspan="2">Core Compulsory</td></tr>
<tr><td colspan="3">Max. Marks: 25+75</td><td colspan="2">Min. Passing Marks: 10+30</td></tr>
<tr><td colspan="5">Total No. of Lectures-Tutorials- 60 Hours</td></tr>
<tr><td>Unit</td><td colspan="3">Topics</td><td>No. of Lectures</td></tr>
<tr><td>1.</td><td colspan="3">Equilibrium Analysis: Types of Equilibrium; General and Partial Equilibrium; Cobweb Theorem; Hicksian Logical Ordering Theory of Demand. Alternative Theory of firm: Baumol; Williamson; Marris Model and Bain's Limit Pricing Theory.</td><td>15</td></tr>
<tr><td>2.</td><td colspan="3">Theory of Distribution: Marginal Productivity Theory of distribution, Modern Theory of Distribution, Eular's Theorem. Macro Theory of Income Distribution: Classical- Ricardo & Marx; Neo-Classical – Kalecki and Kaldor.</td><td>15</td></tr>
<tr><td>3.</td><td colspan="3">Theory of Factor Pricing: Classical and Modern Theory of Rent; Quasi Rent. Theory of Interest: Liquidity Preference and Modern Theory of Interest (IS-LM). Theory of Profit- Knight and Shackle.</td><td>12</td></tr>
<tr><td>4.</td><td colspan="3">Welfare Economics: Positive and Normative Welfare Economics. Neo-Classical Welfare Economics: Marshall, Pigou, Pareto. New Welfare Economics: Kaldor-Hick's Criterion; Scitovosky's Double Criterion; Social Welfare Function; Arrow's Social Choice and individual Values.</td><td>18</td></tr>
<tr><td colspan="5"><u>Basic Reading List –</u>
1. Ahuja, H.L.: Advanced Economic Theory, S.Chand & Company, New Delhi
2- Das, S.P.: Microeconomics for Business, Sage Publication, New Delhi.
3- Koutsoyiannis, A.: Modern Microeconomics, Macmillan press, London.
4- Lipsey, R.G. and Chrystal, K.A.: Principles of Economics, Oxford Univ. Press.
5- Stonier and Hague: A text book of Economic Theory, Long Man Higher Education.
7- बंसल-अग्रवाल: व्यष्टि अर्थिक विश्लेषण, साहित्य भवन पब्लिकेशन्स, आगरा
8- सेठ, एम.एल.: माइक्रो अर्थशास्त्र, लक्ष्मी नारायण पब्लिकेशन, आगरा</td></tr>
</table>



B.A. SEM.VIII (Year IV)/M.A. SEM.II (YEAR I)

Core Paper-II

Programme/Class: Degree/B.A./M.A.	Year: B.A. Year 4th / M.A. Year 1st	Semester: B.A.Sem.VIII/M.A.Sem.II
Subject: Economics		
Course Code: A080802T	Course Title: **Indian Economy: Industrial & External Sector**	

Course Outcome:

- Evaluate the performance of industrial sector pre and post economic reforms.
- Identify major service sector issues and their importance in Indian economy.
- Enables the student to understand the different aspects and problems as well as policies of external sector of Indian Economy.
- Enables the student to understand the process of economic reforms in India, Globalisation of Indian economy, Issues in competition and safety nets in Indian Economy.

Credits: 4	Core Compulsory
Max. Marks: 25+75	Min. Passing Marks: 10+30
Total No. of Lectures-Tutorials- 60 Hours	

Unit	Topics	No. of Lectures
1.	Industrial Sector: Growth and Structure of Indian Industries, Industrial Policy. Industrial Productivity- measurement and Trends. Public sector: Role, Performance and Reforms. Privatisation & Disinvestment.	15
2.	Micro, Small and Medium Enterprises (MSMEs): Definition, Role and Policies towards MSMEs, Small Sector Industrial policy, Industrial Sickness, Problem of underutilization of capacity.	15
3.	Trends and performance in Services. External Sector: Compositions and Direction of foreign Trade of India; Balance of payment situation; inflow and outflow of foreign capital and MNC's in India.	15
4.	Economic Reforms: Fiscal and Financial Sector Reform; Globalisation of Indian Economy; WTO and its Impact on Indian Economy; Issues in competition and Safety Nets in Indian Economy.	15

Basic Reading List:-

1. Agrawal, A.N.: Indian Economy, New Edge Publications, New Delhi.
2. Dandekar, V.M. and Rath, N.: Poverty in India, Indian School of Political Economy, Bombay
3. Dutt R. and Sundaram, KPM: Indian Economy, S. Chand & Co. Ltd, New Delhi
4. Kapila, Uma: Indian Economy Since Independence, Academic Foundation, New Delhi.
5. Mishra, S.K. and Puri, V.K.: Indian Economy, Himalayan Pub., Mumbai.
6. Parikh, K.S., Indian Development Report- 1999-2000, Oxford University Press.

B.A. SEM.VIII (Year IV)/M.A. SEM.II (YEAR I)

Core Paper-III

<table>
<tr><td colspan="2">Programme/Class: Degree/B.A./M.A.</td><td colspan="2">Year: B.A. Year 4th / M.A. Year 1st</td><td>Semester: B.A.Sem.VIII/M.A.Sem.II</td></tr>
<tr><td colspan="5">Subject: Economics</td></tr>
<tr><td colspan="2">Course Code: A080803T</td><td colspan="3">Course Title: Research Methodology</td></tr>
<tr><td colspan="5">Course Outcome:
• This course is designed to develop in-depth knowledge of the methodology appropriate for conducting Economic research.
• The course includes a review of the scientific methods.
• Its application to the Economic research process, data preparation, analysis and presentation of the research output (written and oral) for making better decisions.</td></tr>
<tr><td colspan="3">Credits: 4</td><td colspan="2">Core Compulsory</td></tr>
<tr><td colspan="3">Max. Marks: 25+75</td><td colspan="2">Min. Passing Marks: 10+30</td></tr>
<tr><td colspan="5">Total No. of Lectures-Tutorials- 60 Hours</td></tr>
<tr><td>Unit</td><td colspan="3">Topics</td><td>No. of Lectures</td></tr>
<tr><td>1.</td><td colspan="3">Introduction of Research: Meaning, nature, scope and objectives of social research; Identification of Research problem: objectives, hypothesis, stages of scientific research; Motivating Factors of social research.</td><td>15</td></tr>
<tr><td>2.</td><td colspan="3">Research Design: Meaning and need of research design; Types of research design (Only introduction)- descriptive, exploratory, diagnostic and experimental.</td><td>12</td></tr>
<tr><td>3.</td><td colspan="3">Data Collection: Facts & features, Primary data collection methods: Direct observation, questionnaire, schedule, interview. Secondary data collection methods: Personal documents, public documents and Limitations.</td><td>15</td></tr>
<tr><td>4.</td><td colspan="3">Data Presentation, Analysis and Report Writing: One dimensional diagram; Two-dimensional diagrams; Graphs of time series; Graphs of frequency distribution, Types of Report, Research Report format, Documentation; Footnotes and Bibliography. Writing the Report-Presentation.</td><td>18</td></tr>
<tr><td colspan="5"><u>Basic Reading List:</u> -
1- Gupta, S.C. (1993): Fundamentals of Applied Statistics, S. Chand & Sons, N. Delhi
2- Hans Raj: Theory and Practice in Social Research, Surjeet Publication, New Delhi, 1979
3- Kothari, C.R, (1998): Research Methodology, Method and Techniques, Wiley Eastern Limited, New Delhi
4- Sadhu, A.N. and Singh, Amarjit: Research Methodology in Social Sciences, Himalaya Publishing House, Bombay, 1980.
5- Tandon, B.C.: Research Methodology in Social Science, Chaitanya Publishing House, Allahabad, 1979.</td></tr>
</table>

B.A. SEM.VIII (Year IV)/M.A. SEM.II (YEAR I)

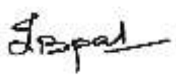
Core Paper-IV

<table>
<tr><td>Programme/Class: Degree/B.A./M.A.</td><td colspan="2">Year: B.A. Year 4th / M.A. Year 1st</td><td>Semester: B.A.Sem.VIII/M.A.Sem.II</td></tr>
<tr><td colspan="4">Subject: Economics</td></tr>
<tr><td>Course Code: A080804T</td><td colspan="3">Course Title: Industrial Economics</td></tr>
<tr><td colspan="4">Course Outcome:
• Demonstrate knowledge about large and small scale industries.
• Evaluate the sources of industrial finance in India.
• Analyze the factors contributing to industrial location.
• Evaluate factors contributing to industrial productivity and efficiency.
• Internalize means for industrial dispute and settlement.</td></tr>
<tr><td colspan="2">Credits: 4</td><td colspan="2">Core Compulsory</td></tr>
<tr><td colspan="2">Max. Marks: 25+75</td><td colspan="2">Min. Passing Marks: 10+30</td></tr>
<tr><td colspan="4">Total No. of Lectures-Tutorials- 60 Hours</td></tr>
</table>

Unit	Topics	No. of Lectures
1.	Introduction: Meaning, Need, Scope and Significance of Industrial Economics. Large and Small Scale Industries. Public Sector- Importance and Problems. Sources of Industrial Finance in India; Development of Financial Institutions and capital Market in India.	18
2.	Industrial location: Factors Affecting Location of Industries. Theories of Location: Weber, Florence. Industrial Imbalance: Causes and Measures. Determinants of Location; Project valuation method.	18
3.	Scientific Management, Present Management Pattern in India. Worker Participation in Management. Rationalisation.	12
4.	Industrial Efficiency, Productivity and its measurement; Factors Affecting productivity; Size of Firm and Productivity; Capacity Efficiency.	12

Basic Reading List: -

1- Ahluwalia, I.J. (1985): Industrial Growth in India, Oxford University Press, New Delhi.
2- Barthwal, R.R. (1985): Industrial Economics, Wiley Eastern Ltd., New Delhi.
3- Desai, B. (1999): Industrial Economics in India (3rd Edition), Himalaya Publishing House, Mumbai.
4- Devine, P.J. & Jones, R.M. (1976): An Introduction to Industrial Economics, George, Allen and Unwin Ltd., London.
5- F., Cherunilam (1994): Industrial Economics: Indian Perspective (3rd Edition), Himalaya Publishing House, Mumbai.
6- Government of India, Economic Survey (Annual).



B.A. SEM.VIII (Year IV)/M.A. SEM.II (YEAR I)

Elective Paper- V

<table>
<tr><td colspan="2">Programme/Class: Degree/B.A./M.A.</td><td colspan="2">Year: B.A. Year 4th / M.A. Year 1st</td><td>Semester: B.A.Sem.VIII/M.A.Sem.II</td></tr>
<tr><td colspan="5">Subject: Economics</td></tr>
<tr><td colspan="2">Course Code: A080805T</td><td colspan="3">Course Title: Environmental Economics</td></tr>
<tr><td colspan="5">Course Outcome:
• Enables the student to understand the Meaning and Scope of Environmental Economics, Relation between Environment and Economy.
• Enable the student to understand the Environmental Quality as Public Good, Economics of Environmental Regulations, Limits to Growth and Sustainable Development.
• Enables the student to understand the Concept of Common Property Resources (CPR), Problem and management of CPR in Indian Context.</td></tr>
<tr><td colspan="3">Credits:4</td><td colspan="2">Elective</td></tr>
<tr><td colspan="3">Max. Marks: 25+75</td><td colspan="2">Min. Passing Marks: 10+30</td></tr>
<tr><td colspan="5">Total No. of Lectures-Tutorials- 60 Hours</td></tr>
<tr><td>Unit</td><td colspan="3">Topics</td><td>No. of Lectures</td></tr>
<tr><td>1.</td><td colspan="3">Environmental Economics- Meaning and scope. Environment and Economy: Neo-Classical and Ecological Economic Perspective; Interlinkages; Environment and Development Trade-off. Function of Environment.</td><td>15</td></tr>
<tr><td>2.</td><td colspan="3">Deviation from Economic Efficiency; Pollution and Externality; Environmental Quality as a Public Good; Case of Market Failure; Social Optimum Level of Pollution and changes it.</td><td>15</td></tr>
<tr><td>3.</td><td colspan="3">Economics of Environmental Regulations: Liabilities Laws; Allocation of Property Rights; Emission Standards; Pollution Tax and Transferable Pollution Permit.</td><td>12</td></tr>
<tr><td>4.</td><td colspan="3">Limits of Growth: Malthusian, Neo-Classical and Ecological Economic Perspectives. Sustainable Development: Concept, Rules, Approaches to Sustain ability and Indicators. Common Property Resources: Problem of Management, Issue of Climate Change & Lose of Biodiversity.</td><td>18</td></tr>
</table>

Basic Reading List: -

1- Ahmad, M. Hussen: Principle of Environmental Economics, Routledge Publisher

2- Bharucha, Erach: Environmental Studies, Orient Longman.

3- Bhattacharya, R.N.: Environmental Economics-An Indian Perspective, Oxford University Press.

4- Ehrlich, P.R. and Ehrlich, A.H.: Population, Resources Environment, W. H. Freeman & Co. LTD, Sanfranciso.

5- Thomas & Callan: Environmental Economics & Management, South-Western Pub.

6- मामा महेश्वरी : पर्यावरण अर्थशास्त्र- एक भारतीय परिप्रेक्ष्य, आनन्द पब्लिकेशन, नई दिल्ली

B.A. SEM.VIII (Year IV)/M.A. SEM.II (YEAR I)

Elective Paper-VI

Programme/Class: Degree/B.A./M.A.	Year: B.A. Year 4th / M.A. Year 1st	Semester: B.A.Sem.VIII/M.A.Sem.II
Subject: Economics		
Course Code: A080806T	Course Title: **Industrial Relation and Social Security**	

Course Outcome:

- Enables the student to understand the industrial relation, disputes, settlement and prevention in India.
- Enables the student to understand collective bargaining, labour movement and trade unions of India.
- Enables the student to under stand social security, social assistance and social insurance.
- Enables the students to understand labour laws in India, labour market reform and labour welfare.

Credits:4	Elective
Max. Marks: 25+75	Min. Passing Marks: 10+30

Total No. of Lectures-Tutorials- 60 Hours

Unit	Topics	No. of Lectures
1.	Industrial relations: Concept of industrial relation; Industrial disputes in India; Causes of industrial disputes; Settlement of industrial disputes, Prevention of industrial disputes.	15
2.	Collective bargaining and labour movement: Collective bargaining; Theories of labour movement; A brief history of labour movement; Trade unions and Central Labour Unions in India; International Labour Organization; ILO and Indian Labour.	15
3.	Social security concept and evolution of social security, social assistance and social insurance; Need for social security in India; Provisions of social security in India; Social Security for unorganized labour in India.	15
4.	Labour Legislations in India: Labour laws in India; Labour market reforms; National Commissions on Labour: Flexibility in labour market. Labour Welfare: Concept and need for Labour Welfare.	15

Basic Reading List: -

1. Brown, Phelps, Economics of Labour.
2. Charles Meyer, Industrial Relation in Labour.
3. Sing, R.R., Labour Economics.
4. Krikaldy, H S, The Spirit of Industrial Relations.
5. Giri, V.V., Labour in Indian Industry.
6. Lester, R.A., Economics of Labour.

B.A. SEM.VIII (Year IV) Honours with Research

Elective Paper- VII/VIII

<table>
<tr><td>Year: B.A. Year 4th</td><td>Semester: B.A.Sem.VIII (Honours with Research)</td></tr>
<tr><td colspan="2">Subject: Economics</td></tr>
<tr><td>Course Code: A080807P/A080808P</td><td>Course Title: Project Presentation on Indian MSME/ Field or Survey Work</td></tr>
<tr><td colspan="2">Course Outcome:
• The students will understand the concept of Entrepreneur & Entrepreneurship and MSMEs.
• The students will gain knowledge on Performance, Key Challenges of MSMEs.
• The students will learn the Steps involved in setting up MSMEs and Registration.
• The students will understand Role & Importance of MSMEs in India.
• The students will acquire knowledge regarding different Government Schemes available for MSMEs.</td></tr>
<tr><td>Credits:4</td><td>Elective</td></tr>
<tr><td>Max. Marks: 50+50</td><td>Min. Passing Marks: 20+20</td></tr>
<tr><td colspan="2">Total No. of Lectures-Tutorials/Practical- 60 Hours</td></tr>
<tr><td colspan="2">The B.A.Sem.VIII (Honours with Research) Students in the Second Semester (Elective) would be required to do project Work/ Field work which is to be related to the elective area chosen by the students. The Project work/ Field work would be evaluated by an internal and external examiner appointed by the university.</td></tr>
</table>

M.A. SEM.III (YEAR II)

Core Paper-I

<table>
<tr><td>Programme/Class: Degree/M.A.</td><td>Year: M.A. Year 2nd</td><td>Semester: M.A.Sem.III</td></tr>
<tr><td colspan="3">Subject: Economics</td></tr>
<tr><td>Course Code: A080901T</td><td colspan="2">Course Title: Monetary Economics</td></tr>
<tr><td colspan="3">Course Outcome:
Understand the concept, function and significance of money. The role of money in closed as well as in open economy.
Understand the various theories of demand for money.
Understand the various methods and determinants of money supply.
Understand tools of monetary policy, banking systems and trade cycle.</td></tr>
<tr><td colspan="2">Credits:4</td><td>Core Compulsory</td></tr>
<tr><td colspan="2">Max. Marks: 25+75</td><td>Min. Passing Marks: 10+30</td></tr>
<tr><td colspan="3">Total No. of Lectures-Tutorials- 60 Hours</td></tr>
<tr><td>Unit</td><td>Topics</td><td>No. of Lectures</td></tr>
<tr><td>1.</td><td>Concept and functions of money; Significance of money: Money in Closed and open Economy, Paper Currency Standard and Principles of Note issue.</td><td>12</td></tr>
<tr><td>2.</td><td>Value of money and its measurement. Quantity theory of money: Fisher and Cambridge approach; Fundamental equation of Keynes. Saving and Investment theory of money.</td><td>15</td></tr>
<tr><td>3.</td><td>Concept of money supply; RBI Approaches to money supply; Determinants of money Supply, High Powered money and money multiplier, Deficit Financing and money supply, Money Supply and Open economy, Control of money supply.</td><td>15</td></tr>
<tr><td>4.</td><td>Objectives and tools of Monetary Policy; Monetary Policy and economic growth. Central Banking: Meaning, Functions and Credit Control. International Monetary institutions, Role of SDR & Problem of International Liquidity, Monetary theory of Trade cycle.</td><td>18</td></tr>
<tr><td colspan="3"><u>Basic Reading List:</u> -
1- Gupta, Suraj Bhan: Monetary Economics, S. Chand & Company, New Delhi.
2- Singhai, G.C: मौद्रिक अर्थशास्त्र, साहित्य भवन पब्लिकेशन, आगरा.
3- Jhingan, M.L. मौद्रिक अर्थशास्त्र, वृंदा पब्लिकेशन प्रा. लिमिटेड, दिल्ली.
4- Sinha, V.C.: मौद्रिक अर्थशास्त्र, लोक भारती प्रकाशन, इलाहाबाद.
5- Srivastava, Narendra Nath: मौद्रिक अर्थशास्त्र, उत्तर प्रदेश हिन्दी संस्थान, लखनऊ.
6- Sethi, T.T: मौद्रिक अर्थशास्त्र, लक्ष्मी नारायण अग्रवाल, आगरा.</td></tr>
</table>

M.A. SEM.III (YEAR II)

Core Paper-II

<table>
<tr><td colspan="2">Programme/Class: Degree/M.A.</td><td colspan="2">Year: M.A. Year 2nd</td><td>Semester: M.A.Sem.III</td></tr>
<tr><td colspan="5">Subject: Economics</td></tr>
<tr><td colspan="2">Course Code: A080902T</td><td colspan="3">Course Title: International Economics</td></tr>
<tr><td colspan="5">Course Outcome:
• Demonstrate knowledge about international trade theories.
• Evaluate General Equilibrium Theory
• Assess the gains from international trade.
• Understand the different tools and effects of various commercial policy such as Tariff, Quotas and Dumping.</td></tr>
<tr><td colspan="3">Credits: 4</td><td colspan="2">Core Compulsory</td></tr>
<tr><td colspan="3">Max. Marks: 25+75</td><td colspan="2">Min. Passing Marks: 10+30</td></tr>
<tr><td colspan="5">Total No. of Lectures-Tutorials- 60 Hours</td></tr>
<tr><td>Unit</td><td colspan="3">Topics</td><td>No. of Lectures</td></tr>
<tr><td>1.</td><td colspan="3">Theories of International Trade: Adam smith, Ricardo, J.S. Mill, Haberler. Derivations of offer curve, Offer curve and Trade Equilibrium.</td><td>18</td></tr>
<tr><td>2.</td><td colspan="3">General Equilibrium Theory (Ohlin), Derivation of Commodity Indifference Curve and Trade Indifference Curve, Equilibrium through Box Diagram.</td><td>12</td></tr>
<tr><td>3.</td><td colspan="3">Terms of Trade: Concepts, Measurements and Trends in Terms of Trade; Gains from Trade; Trade as Engine of Economic Growth. Alternative Views- Singer-Prebisch's Hypothesis of Secular Deterioration of Terms of Trade.</td><td>15</td></tr>
<tr><td>4.</td><td colspan="3">Commercial Policy: Free Trade Vs Protection; Argument for and against the policy of Free Trade & Protection. Theory of Interventions: Tariff and Quotas; Effects of Tariff under Partial and General Equilibrium, Dumping. Most favoured Nations Clause.</td><td>15</td></tr>
<tr><td colspan="5"><u>Basic Reading List:</u>-
1- Jhingan, M.L.: International Economics; Vrinda Publication, Agra.
2- Kindleberger, C.P. (1973): International Economic Order, R.D.MIT Press.
3- Mannuar, H.G.: International Economics, Vikas Pub. House, New Delhi.
4- Vaish, M.C., & Sudama Singh: International Economics, Oxford and IBH Pub. N. Delhi.
5- Soderson, B.: International Economics, Mac Millan Press Ltd. Londan.
6- के.सी. राना एवं के.एन. वर्मा: अन्तर्राष्ट्रीय अर्थशास्त्र- विशाल पब्लिकेशन हाउस, जालन्धर, पंजाब.</td></tr>
</table>

M.A. SEM.III (YEAR II)

Core Paper-III

Programme/Class: Degree/M.A.	Year: M.A. Year 2nd	Semester: M.A.Sem.III
Subject: Economics		
Course Code: A080903T	Course Title: **Economics of Growth & Development**	

Course Outcome:

- Demonstrate knowledge of growth and development models and applicability.
- Evaluate the development issues prevailing in developing countries.
- Analyze the growth models and its applicability to developing countries.
- Interpret the development strategies for internalizing for development.
- Assess the issues concerning economic development.

Credits:	Core Compulsory
Max. Marks: 25+75	Min. Passing Marks: 10+30
Total No. of Lectures-Tutorials- 60 Hours	

Unit	Topics	No. of Lectures
1.	**Basic Issues-** Economic Growth and Economic Development: Meaning, Concept, Measurement of Development; Economic Growth and Social Justice: Kuznets hypothesis, Growth Distribution Trade off. Basic needs approach: Hunger; Entitlement; and Capability. Human Development - HDI, HPI, Prosperity Index, Gender Index.	15
2.	**General Growth Theories-** Classical Theories: Adam Smith, Ricardo, Marx's theory of development, Theory of Schumpeter & Rostow. Harrod-Domar Growth Models. Neo-Classical Growth Models of Solow: Mead & Joan Robinson.	15
3.	**Partial Growth Theories:** Theory of Big Push, Theory of Balance and Unbalanced Growth; Social and Technological Dualism; Lewis Model; Liebenstien's Critical Minimum Effort Thesis; Nelson's Theory of Low-level Equilibrium Trap; Myrdal Thesis; Dual Gap Analyses.	15
4.	**Problem and Policy:** Population & Development, Poverty & Development; Capital formation & development; Globalization and Development of less developed countries; Investment Criteria. WTO and developing Countries.	15

Basic Reading List: -

1- Gillis, M., D.H. Perkins, M. Romer and D.R. Snodgrass (1992), Economics of Development, (3rd Edition), W.W. Norton, New York.

2- Higgins, B. (1959), Economic Development, W.W. Norton, New York.

3- Hogendorn, J. (1996), Economic Development, Addison, Wesley, New York.

4- Jhingan, M.L.: The Economic of Development and Planning, Vrinda Publication Pvt. Ltd., Delhi

5- Kahkonen, S. and Olson, M. (2001): A New Institutional Approach to Economic Development, Vistaar Publication.

6- Kindleberger, C.P. (1977): Economic Development, McGraw Hill, New York.

M.A. SEM.III (YEAR II)

Elective Paper- IV

Programme/Class: Degree/M.A.	M.A. Year 2nd	Semester: M.A.Sem.III
Subject: Economics		
Course Code: A080904T	Course Title: **Agriculture Economics**	

Course Outcome:

- Students can be able to understand the theoretical and empirical aspects of the subject of agricultural economics and help them for critical thinking in these areas to undertake research.
- Enables the student to understand the Nature and Scope of Agricultural economics, Problems of agriculture in developing countries and Agriculture productivity in developing Countries.
- Enables the student to understand the different theories of agriculture development and the role of W.T.O. in Indian agriculture development.
- Enables the student to understand Land reforms, technological changes, agriculture marketing and price policy of India.
- Enables the student to understand Indian agriculture and agriculture system.

Credits:4	Elective
Max. Marks: 25+75	Min. Passing Marks: 10+30
Total No. of Lectures-Tutorials- 60 Hours	

Unit	Topics	No. of Lectures
1.	Nature and scope of Agricultural Economics; Role of Agriculture in a Developing Economy; Interdependence between Agriculture and Industry; Structural Problems in Agriculture.	15
2.	Theories of Agriculture Development: Lewis, T.W. Schultz, Fei-Ranis. and Millor's Theory. Farm size and Productivity Relationship. W.T.O. and Indian Agriculture.	12
3.	Land Reforms: Concepts, Progress. Co-operative and Collective farming; Technological change in Agriculture; Agriculture Marketing; Agriculture Price Policy in India; Production Function in Agriculture; Capital formation in Agriculture.	18
4.	Indian Agriculture: Agriculture Finance; Land Utilization; New Agriculture Strategy; Cropping Pattern and Crop Insurance; Food Security; Food Policy; Public Distribution System.	15

Basic Reading List:-

1- Bhalla, G.S.: Indian Agriculture Since Independence, NBT, N.Delhi.

2- Black, J.D.: Introduction to Economics for Agriculture, Macmillan.

3- Dantwala, M.L.: Indian Agricultural Development Since Independence, South Asia Books Publisher.

4- Dash, Mrutyunjay: Agricultural Economics, Anmol Publications Pvt. Ltd.

5- Mishra, Jai Prakash: Agriculture Economics, Sahitya Bhavan Publication, Agra.

6- Sony, R.N. & Malhotra, Sangeeta: Leading Issues in Agriculture Economics, Vishal Publishing Co., Jalandhar, Punjab.

M.A. SEM.III (YEAR II)

Elective Paper- V

<table>
<tr><td colspan="2">Programme/Class: Degree/M.A.</td><td colspan="2">Year: M.A. Year 2nd</td><td>Semester: M.A.Sem.III</td></tr>
<tr><td colspan="5">Subject: Economics</td></tr>
<tr><td colspan="2">Course Code: A080905T</td><td colspan="3">Course Title: Labour Economics</td></tr>
<tr><td colspan="5">Course Outcome:
Understand the basic theoretical models of labour economics and how these can be applied to policy issues;
Understand the underlying empirical approaches used to evaluate these models and be familiar with the empirical work conducted to test their predictions;
Be able to manipulate these models, and be able to analytically solve problems relating to labour markets;
Be able to apply the models to important policy areas which being aware of the limitations of the theory.</td></tr>
<tr><td colspan="3">Credits:4</td><td colspan="2">Elective</td></tr>
<tr><td colspan="3">Max. Marks: 25+75</td><td colspan="2">Min. Passing Marks: 10+30</td></tr>
<tr><td colspan="5">Total No. of Lectures-Tutorials- 60 Hours</td></tr>
<tr><td>Unit</td><td colspan="3">Topics</td><td>No. of Lectures</td></tr>
<tr><td>1.</td><td colspan="3">Definition, Nature, scope and importance of Labour Economics; Characteristics of Labour & Problems of Labour Market; Labour Productivity; Labour Migration; Demand and supply of Labour.</td><td>15</td></tr>
<tr><td>2.</td><td colspan="3">Concept and measurement of Unemployment. Employment and Unemployment situation in India; Methods of recruitment and placement; Employment service organization in India; Lay offs, Retrenchment and exit policy; Employment Policies in India.</td><td>18</td></tr>
<tr><td>3.</td><td colspan="3">Women Labour: Gender Biasness in Labour Market, Child Labour, India and I.L.O., Profit-sharing and Co-partnership, labour and Rationalization.</td><td>12</td></tr>
<tr><td>4.</td><td colspan="3">Trade Union Movement in India. Concept of Living, Fair and Minimum wage, Real and Nominal Wages.Theories of Wage Determination, Social Security of Labour:Concept of Social Security, Social Insurance and Social Assistance.</td><td>15</td></tr>
<tr><td colspan="5"><u>Basic Reading list</u> :-
1- Bloom & F., Gordon: Economics of Labour Relations, Irwin Professional Publishing.
2- Giri, V.V.: Labour Problems in Indian Industry, Asia Publishing House.
3- Saxena S.C.: Labour Problems and Social Welfare, Jai Prakash Nath & co.
4- Singh, S.D.: Labour Economics, Centrum Press Publisher.
5- गुप्ता, पी.के.: श्रम अर्थशास्त्र, वृंदा पब्लिकेशन प्रा.लि., दिल्ली
6- सिन्हा, वी.सी.: श्रम अर्थशास्त्र, मयूर पेपरबैक्स, गाजियाबाद
7- सिंह, धर्मेंद्र: श्रम अर्थशास्त्र, विशाल पब्लिशिंग कं., लुधियाना</td></tr>
</table>

M.A. SEM.III (YEAR II)

Elective Paper- VI/VII

<table>
<tr><td>Programme/Class: Degree/M.A.</td><td colspan="2">Year: M.A. Year 2nd</td><td>Semester: M.A.Sem.III</td></tr>
<tr><td colspan="4">Subject: Economics</td></tr>
<tr><td>Course Code:
A080906P/A080907P</td><td colspan="3">Course Title: Project Presentation on Indian Foreign Trade and It’s challenges/ Project Presentation on Economic Policies of Rural Development</td></tr>
<tr><td colspan="4">Course Outcome:
• Enables the student to understand the role and importance of foreign trade and its challenges in his project.
• Enables the student to understand the situation of foreign trade in different countries of world.
• Enables the student to understand the Importance and Role of Agriculture in rural development, Share of agriculture in the economy and Agriculture Production and Productivity-Effects of Reforms.
• Enables the student to understand the Rural Finance- Institutional and non-institutional sources of agricultural finance, Rural and Agricultural development through Agricultural Marketing and WTO and Agricultural Issues.
• Enables the student to understand the Problems of Unemployment and under employment in agriculture sector and Poverty and Unemployment Alleviation programmes which are running for Rural Development as well as for agricultural development.</td></tr>
<tr><td colspan="2">Credits:4</td><td colspan="2">Elective</td></tr>
<tr><td colspan="2">Max. Marks: 25+75*</td><td colspan="2">Min. Passing Marks: 10+30</td></tr>
<tr><td colspan="4">Total No. of Lectures-Tutorials/Practical – 60 hours</td></tr>
<tr><td colspan="4">The M.A. Students in the Third Semester (Elective) would be required to do project work which is to be related to the elective area chosen by the students. The Project work would be evaluated by an internal and external examiner appointed by the university.</td></tr>
<tr><td colspan="4">*रिसर्च प्रोजेक्ट/ प्रोजेक्ट प्रस्तुति (Project Presentation) का मूल्यांकन डॉ. राम मनोहर लोहिया अवध विश्वविद्यालय, अयोध्या के दिनांक: 29.03.2025 की निर्देशिका (Guideline) के बिन्दु 7.10 में निम्नवत वर्णित व्यवस्था के अनुसार होगी-
7.10- बिन्दु 7.1 के अतिरिक्त उपरोक्त सभी स्नातकोत्तर कार्यक्रम शोध परियोजनाओं का मूल्यांकन सुपरवाईजर एवं विश्वविद्यालय द्वारा नामित वाह्य परीक्षक (पाठ्यक्रम समिति के माध्यम से नियुक्त) द्वारा संयुक्त रूप से 100 (75 शोध प्रबंध + 25 शोध पत्र) अंकों में से किया जायेगा। विद्यार्थी अपनी इस शोध परियोजना में से पेटेन्ट प्रकाशन अथवा शोध पत्र (UGC-CARE listed/Peer Reviewed) अथवा बुक चैप्टर (ISBN) स्नातकोत्तर कार्यक्रम के दौरान प्रकाशित करवायेगा। 25 अंक में से पेटेन्ट अथवा शोध पत्र (UGC-CARE listed/Peer Reviewed) अथवा बुक चैप्टर (ISBN) पर ही देय होंगे। पेटेन्ट अथवा शोध पत्र (UGC-CARE listed/Peer Reviewed) अथवा बुक चैप्टर (ISBN) न होने पर प्राप्तांक अधिकतम 75 अंक ही देय होंगे। पूर्णांक अधिकतम 100 ही होंगे। दो राष्ट्रीय/अन्तर्राष्ट्रीय सेमिनार/संगोष्ठी में पेपर प्रजेन्ट करने पर भी 25 में से अंक देय होंगे। पेटेन्ट/शोध पत्र/बुक चैप्टर का प्रकाशन सुपरवाईजर तथा कई विद्यार्थियों द्वारा संयुक्त रूप से कराने पर भी मान्य होगा।</td></tr>
</table>

M.A. SEM.IV (YEAR II)

Core Paper-I

Programme/Class: Degree/M.A.	Year: M.A. Year 2nd	Semester: M.A.Sem.IV
Subject: Economics		
Course Code: A081001T	**Course Title: Macro Economic Analysis**	

Course Outcome:

- Understand national income estimates and social accounting.
- Analyze the consumption and investment functions and multiplier.
- Evaluate the classical and Keynesian models using IS-LM framework.
- Analyze the trade-off between inflation and unemployment.

Credits: 4	Core Compulsory
Max. Marks: 25+75	Min. Passing Marks: 10+30
Total No. of Lectures-Tutorials- 60 Hours	

Unit	Topics	No. of Lectures
1.	Nature and scope of Macro Economics, Concept and measurement of National Income, Circular flow of income in two, three and four sector economy, social accounting. Theory of output, income and employment-classical and Keynesian approach.	18
2.	Consumption function: Keyne's Psychological law of consumption, short run and long-run consumption function; Investment function; multiplier and acceleration, The marginal efficiency of Capital.	12
3.	Demand for Money: Classical and Keynesian approach. Post Keynesian demand for money: Friedman & Patinkon Approach. Keynesianism & Monetarism, Derivation of LM Curve.	12
4.	Inflation and deflation: Concept, Causes and Types of inflation, Theories of Inflation: Monetarist, keynesian and structural theories of inflation, Phillips and modified Phillips curve. Deflation- Concept and causes of Deflation, Effects of inflation and deflation, Control of inflation deflation.	18

<u>Basic Reading List:</u> -

1- Dornbusch, R. and F., Stanley: Macroeconomic, McGraw Hill Edu, Noida, U.P.

2- Gupta, Suraj Bhan: Monetary Economics, S. Chand & Co., New Delhi.

3- Sinha V.C.: Monetary Economics, S.B.P.D. Publication, Agra.

4- झिंगन, एम.एल.: समष्टि अर्थशास्त्र, वृंदा प्रकाशन, आगरा.

5- लाल, एस.एन.: समष्टिभावी आर्थिक विश्लेषण, शुभम पब्लिशर्स, प्रयागराज

6- सिंघई, जी.सी. एवं मिश्रा,जे.पी: समष्टि अर्थशास्त्र, वृंदा प्रकाशन, आगरा.

7- सेठी, टी.टी.: समष्टि आर्थिक विश्लेषण, लक्ष्मी नारायण अग्रवाल, आगरा

M.A. SEM.IV (YEAR II)

Core Paper-II

<table>
<tr><td>Programme/Class: Degree/M.A.</td><td colspan="2">Year: M.A. Year 2nd</td><td colspan="2">Semester: M.A.Sem.IV</td></tr>
<tr><td colspan="5">Subject: Economics</td></tr>
<tr><td>Course Code: A081002T</td><td colspan="4">Course Title: Public Economics</td></tr>
<tr><td colspan="5">Course Outcome:
• Evaluate the role of the State in allocation and distribution of resources and stabilization of the economy.
• Analyze the trends and patterns expenditure.
• Apply the theories of taxation in public policy.
• Evaluate impact of budget on various sectors.
• Understand the principles of federal finance for devolution and formulating healthy center-state financial relations.</td></tr>
<tr><td colspan="2">Credits: 4</td><td colspan="3">Core Compulsory</td></tr>
<tr><td colspan="2">Max. Marks: 25+75</td><td colspan="3">Min. Passing Marks: 10+30</td></tr>
<tr><td colspan="5">Total No. of Lectures-Tutorials- 60 Hours</td></tr>
<tr><td>Unit</td><td colspan="3">Topics</td><td>No. of Lectures</td></tr>
<tr><td>1.</td><td colspan="3">Introduction: Nature and Scope of Public Finance, Role of Government in organized society, Role of Government in mixed economy, Public and Private Finance. Principle of Maximum Social Advantage.</td><td>12</td></tr>
<tr><td>2.</td><td colspan="3">Public Expenditure: Pure theory of Public Expenditure; Structure and Growth of Public expenditure; Wagner's law of increasing state activities; Wiseman-Peacock hypothesis; Classification of Public Expenditure.</td><td>18</td></tr>
<tr><td>3.</td><td colspan="3">Taxation: Sources of Public revenue; Canons of taxation; Direct and Indirect tax; Theories of incidence: Benefit and Ability to pay. Goods and service tax.</td><td>15</td></tr>
<tr><td>4.</td><td colspan="3">Public Debt: Classical view; Sources of Public Debt; Types and Burden of Public debt; Types of Budget deficits; Fiscal deficit; Deficit Financing: Concept, needs, effects on economy. Fiscal Policy: Objectives, importance, and tools of fiscal policy. Fiscal policy in India.</td><td>15</td></tr>
</table>

Basic Reading List: -

1. Bhargva, P.K.: Centre-state Resources Transfers in India, The Academic Press, Gurgaon.
2. Buchanan, J.M.: The Public Finance in Democratic Process, Liberty Fund Inc.
3. Goode, R.: Government Finance in Developing Countries, Tata McGraw Hill, New Delhi.
4. Jha, R.: Modern Public Economics, Routledge Publishers.
5. Musgrave, R.A. and P.B. Musgrave: Public Finance in Theory and Practice, McGraw Hill, Tokyo.
6. भाटिया, एच.एल.: लोक वित्त, विकास पब्लिशिंग हाउस

M.A. SEM.IV (YEAR II)

Core Paper-III

Programme/Class: Degree/M.A.	Year: M.A. Year 2nd	Semester: M.A.Sem.IV
Subject: Economics		
Course Code: A081003T	Course Title: **Modern International Economics**	

Course Outcome:

- Demonstrate knowledge about international trade theories.
- Evaluate factor price equalization due to international trade.
- Enables the student to understand the various aspects of economic integration as well as theory and effects of custom union.
- Enables the student to understand the theories of foreign exchange rate and foreign trade multiplier.
- Enables the student to understand the various aspects of Balance of Payments Accounts and adjustment process.

Credits:4	Core Compulsory
Max. Marks: 25+75	Min. Passing Marks: 10+30
Total No. of Lectures-Tutorials- 60 Hours	

Unit	Topics	No. of Lectures
1.	Factor Proportion Theory: H-O Theorem, Factor Price Equalisation, Leontief Paradox, Stopler-Samuelson Theorem, Rybezynski Theorem.	12
2.	Economic Integration: The Theory of Customs Union, Effects of Customs Union- Static and Dynamic effects, Lipsey & Vanek Model.	12
3.	Foreign Exchange Rate: Determination under Gold Standard, Purchasing power Parity Theory and Balance of Payment Theory, Fixed and Flexible Exchange Rates, Exchange Control and Exchange Management. Foreign Trade Multiplier.	18
4.	Balance of Payment: Meaning, Structure, Equilibrium and Disequilibrium. Adjustment Mechanism of Balance of payments. Devaluation and Absorption Approach for Adjustment in B.O.P.	18

Basic Reading List: -

1- Krugman, P.R. and M. Obstfeld: International Economics, Pearson Education Publisher.

2- Mannuar, H.G.: International Economics, Vikas Pub. House N. Delhi.

3- Mithani, D.M.: International Economics, Himalaya Publishing House, New Delhi.

4- Salvatore, D.: International Economics, Prentice Hall N. Delhi.

5- Sodersten, Bo: International Economics, Palgrave Macmillan Publisher.

6- राना,के.सी. एवं वर्मा,के.एन.: अन्तर्राष्ट्रीय अर्थशास्त्र- विशाल पब्लिशिंग हाउस, जालंधर, पंजाब.

M.A. SEM.IV (YEAR II)

Elective Paper- IV

Programme/Class: Degree/M.A.	Year: M.A. Year 2nd	Semester: M.A.Sem.IV
Subject: Economics		
Course Code: A081004T	Course Title: **Demography**	

Course Outcome:

- Enables the student to understand the Concept, Scope, Subject Matter and Important Tools of Demographic Analysis as well as Demographic Measurements.
- Enables the student to understand the Population Theories and Concept and Causes of Demographic Transition.
- Enables the student to understand the Construction, Types, Importance and Uses of Life Table in Demographic Analysis.
- Enables the student to understand the Sources and Importance Demographic Data, Census.
- Enables the student to understand the Methods of Measurement of population growth and Population Projection.
- Enables the student to understand the Fertility Patterns in India and Population Policy of India.

Credits:4	Elective
Max. Marks: 25+75	Min. Passing Marks: 10+30

Total No. of Lectures-Tutorials- 60 Hours

Unit	Topics	No. of Lectures
1.	Demographic Analysis: Definition, concept, subject matter, importance and tools. Demographic Data: Nature, Scope and Sources. Census: Measurement of Population Growth; Structure of Papulation; Population Projection.	15
2.	Population Theories: Malthus and Neo-Malthusian, Optimum Theory, Logistic Curve Theory, Theory of Demographic Transition.	12
3.	Demographic Measurements: Fertility- Total Fertility Rate (TFR), Gross Reproduction Rate (GRR), Net Reproduction Rate (NRR). Factors Affecting Fertility Socio-Economic Factors: Economic Status, Health, Education, Nutrition. Fertility Measurement, Fertility Trends in India.	18
4.	Mortality and Morbidity- Concepts and Measurement. Life Table: Construction, Types and Uses. Demographic Trends in Developed and Developing countries.	15

Basic Reading List: -

1- Agrawal, S.N.: India's Population Problem, Tata McGraw-Hill Co. Bombay.

2- Bose, A.: India's Basic Demographic Statistics, B.R. Pub. Corp., N. Delhi.

3- Bogue, D.J. (1971): Principal of Demography, John Welly, New York.

4- Gulati, S.C. (1988): Fertility in India: An Econometric Analysis of a Metropolis, Sage Publications Ltd., New Delhi.

5- Sinha, V.C.: Demography, SBPD Publishing House, Agra.

6- Srinivasan, K: Basic Demographic Techniques and Application, Sage Pub., N. Delhi.

M.A. SEM.IV (YEAR II)

Elective Paper- V

<table>
<tr><td colspan="2">Programme/Class: Degree/M.A.</td><td colspan="2">Year: M.A. Year 2nd</td><td>Semester: M.A.Sem.IV</td></tr>
<tr><td colspan="5">Subject: Economics</td></tr>
<tr><td colspan="2">Course Code: A081005T</td><td colspan="3">Course Title: Economics of Social Sector</td></tr>
<tr><td colspan="5">Course Outcome:
• This paper introduces to students with concepts of social sector development such as the role of health and education in the economic growth and human development.
• Enables the student to understand the Various aspects of Education, relation between Education and Human Development and Educational Planning in India.
• Enables the student to understand the Various aspects of Health, relation between Health and Human Development.
• Enables the student to understand economics of health, school participation and social security measure.</td></tr>
<tr><td colspan="3">Credits:4</td><td colspan="2">Elective</td></tr>
<tr><td colspan="3">Max. Marks: 25+75</td><td colspan="2">Min. Passing Marks: 10+30</td></tr>
<tr><td colspan="5">Total No. of Lectures-Tutorials- 60 Hours</td></tr>
<tr><td>Unit</td><td colspan="3">Topics</td><td>No. of Lectures</td></tr>
<tr><td>1.</td><td colspan="3">Role of Health and Education in Human Development: Importance of Health and Education in macroeconomics, Importance of Health and education in human development, Human Development Index and other related indices, Importance in Poverty Alleviation.</td><td>18</td></tr>
<tr><td>2.</td><td colspan="3">Economics of Education: Demand for Education and its determinants, Investment in human capital, Rate of return to education, Private and Social quality of Education.</td><td>12</td></tr>
<tr><td>3.</td><td colspan="3">Economics of Health: Demand for Health; Costing, cost effectiveness and cost-benefit analysis; burden of disease, uncertainty and health insurance market; alternative insurance mechanisms; market failure and rationale for public intervention.</td><td>15</td></tr>
<tr><td>4.</td><td colspan="3">Education and Health Sector in India: Literacy rate, school participation, school quality measures, education policies, health planning and policies in India, social security measure.</td><td>15</td></tr>
<tr><td colspan="5"><u>Basic Reading List:</u> -
1. Ronald G., Ehrenberg and Robert S., Smith, Modern Labor Economics: Theory and Public Policy, Addison Wesely, 2005.
2. William, Jack, Principles of Health Economics for Developing Countries, World Bank Institute Development Studies, 1999.
3. World Development Report, Investing in Health, The World Bank, 1993.</td></tr>
</table>

M.A. SEM.IV (YEAR II)

Research Project/ Dissertation

Core Paper-VI

<table>
<tr><td>Programme/Class: Degree/M.A.</td><td>Year: M.A. Year 2nd</td><td>Semester: M.A.Sem.IV</td></tr>
<tr><td colspan="3">Subject: Economics</td></tr>
<tr><td>Course Code: A081006P</td><td colspan="2">Course Title: RESEARCH PROJECT/ DISSERTATION</td></tr>
<tr><td colspan="3">Course Outcome:
• The objective of introducing Research Project at the post-graduation level is to familiarise, acquaint and experience the local issues of economic implication or focused on economic wellbeing and behaviour of consumers/citizens.
• It aims at enabling the students to use and apply the learned economic principles vis-a-vis local economic issues.
• To enable them to learn preparation of questionnaire/interview schedule.
• The Template/Format of the Research Project shall be developed by the respective Department.
• The idea behind this is to develop economic thinking in the students through direct experience to real life.</td></tr>
<tr><td colspan="2">Credits:</td><td>Core Compulsory</td></tr>
<tr><td colspan="2">Max. Marks: 25+75*</td><td>Min. Passing Marks: 10+30</td></tr>
<tr><td colspan="3">The M.A student in the fourth semester (Year-II) would be required to write a Project work/dissertation which is to be related to the field work submitted by the student. The Project work/dissertation would be evaluated by an internal and external examiner appointed by the university.</td></tr>
<tr><td colspan="3">*रिसर्च प्रोजेक्ट/लघु शोध प्रबन्ध (Dissertation) का मूल्यांकन डॉ. राम मनोहर लोहिया अवध विश्वविद्यालय, अयोध्या के दिनांक: 29.03.2025 की निर्देशिका (Guideline) के बिन्दु 7.10 में निम्नवत वर्णित व्यवस्था के अनुसार होगी-
7.10- बिन्दु 7.1 के अतिरिक्त उपरोक्त सभी स्नातकोत्तर कार्यक्रम शोध परियोजनाओं का मूल्यांकन सुपरवाईजर एवं विश्वविद्यालय द्वारा नामित वाह्य परीक्षक (पाठ्यक्रम समिति के माध्यम से नियुक्त) द्वारा संयुक्त रूप से 100 (75 शोध प्रबंध + 25 शोध पत्र) अंकों में से किया जायेगा। विद्यार्थी अपनी इस शोध परियोजना में से पेटेन्ट प्रकाशन अथवा शोध पत्र (UGC-CARE listed/Peer Reviewed) अथवा बुक चैप्टर (ISBN) स्नातकोत्तर कार्यक्रम के दौरान प्रकाशित करवायेगा। 25 अंक में से पेटेन्ट अथवा शोध पत्र (UGC-CARE listed/Peer Reviewed) अथवा बुक चैप्टर (ISBN) पर ही देय होंगे। पेटेन्ट अथवा शोध पत्र (UGC-CARE listed/Peer Reviewed) अथवा बुक चैप्टर (ISBN) न होने पर प्राप्तांक अधिकतम 75 अंक ही देय होंगे। पूर्णांक अधिकतम 100 ही होंगे। दो राष्ट्रीय/अन्तर्राष्ट्रीय सेमिनार/संगोष्ठी में पेपर प्रजेन्ट करने पर भी 25 में से अंक देय होंगे। पेटेन्ट/शोध पत्र/बुक चैप्टर का प्रकाशन सुपरवाईजर तथा कई विद्यार्थियों द्वारा संयुक्त रूप से कराने पर भी मान्य होगा।</td></tr>
</table>