

BA3rd Year, Sem. VI
Course I
(Theory)

Program/Class: Degree /BA	Year: Third	Semester: Sixth
Subject: Economics		
Course Code:A080601T	Course Title: Indian Economy & Economy of Uttar Pradesh	
Course Outcome :		
<ul style="list-style-type: none"> ● Students should be able familiar with the basic characteristics of Indian economy, ● Students should be able familiar with the it's potential on natural resources of Indian economy and the economy of Uttar Pradesh. ● Students are able to understand the importance, causes and impact of population growth and its distribution, translate and relate them with economic development. ● Students are able to develop an understanding about Uttar Pradesh , its demographic feature, natural resources and factors that cn stimulate its economic growth and development. ● Students should be familiar with the rural development of Uttar Pradesh over the period of time. ● Students should be familiar with the industrial development in India and in Uttar Pradesh. 		
Credits: 5		Core Compulsory
Max. Marks: 25+75		Min. Passing Marks: 40
Total No. of Lectures-Tutorials-Practical (in hours per week): L- 4/w		
Unit	Topics	No. of Lectures
Part I		
I	Structure and Features of Indian Economy: Indian economy as a Developing Economy. Comparative Development of Indian States.	8
II	Agricultural Sector: Institutional Reforms, Technological change in Agriculture, Terms of Trade between Agriculture and Industry; Agricultural Policy, Policies for Sustainable Agriculture. Agrarian Crisis and Agricultural Labour.	10
III	The Industrial Sector: Industrial Policy; Public Sector Enterprises and their Performance, Privatization and Disinvestment debate, Small, Medium and Large-scale Sector, Industrial Labour, trade Union Movement.	10
IV	Planning in India: Objectives and Strategy of Planning; Success story of Indian Plans; Strategy of Inclusive Growth, Resource mobilization for Development.	10
Part II		
V	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.	10
VI	Sectoral growth pattern in Uttar Pradesh; Economic growth in Uttar Pradesh and Indian economy: A comparison; Infrastructural development of Uttar Pradesh.	7

VII	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 in Uttar Pradesh.	10
VIII	Problems and Policies. 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 UP Economy. Micro, Small, Medium Enterprises (MSMEs) in Uttar Pradesh. One Product One District (OPOD).	10
Suggested Readings:		
<ol style="list-style-type: none"> 1. Agarwal,,M K (2009): Uttar Pradesh ka Arthik Vikas. New Royal Book Company 2. Annual Financial Statement (Budget) of the Government of Uttar Pradesh published in different years & the latest. 3. Annual Financial Statement (Budget) of the Government of Uttar Pradesh published in different years & the latest. 4. Annual Financial Statement (Budget) various years & Latest published by the Government of India. 5. Economic Surveys, Government of India (Hindi/English) 6. Indian Economy by Mishra & Puri. Himalaya Publishing House (Hindi /English) 7. Indian Economy by Uma Kapila, Academic Foundation 8. Indian Economy. Rudra Dutt & Sunderam. S. Chand & Company (Hindi/English) 9. Mishra, Arvind Narayan & Atul Chandra (2018):The Economy of Uttar Pradesh. Gutenberg Publication ISBN: 9789386240224, 9789386240224 10. Mishra, Arvind Narayan & Atul Chandra (2018):The Economy of Uttar Pradesh. Gutenberg Publication ISBN: 9789386240224, 9789386240224 11. Publications of the Government of Uttar Pradesh. 12. Publications of the Government of Uttar Pradesh. 13. Uttar Pradesh Human Development Report, UNDP, 2008. 14. Uttar Pradesh Human Development Report, UNDP, 2008. 15. Uttar Pradesh State Development Report, Volume I & II, State Plan Division, Planning Commission, Government of India, 2014. 16. Uttar Pradesh State Development Report, Volume I & II, State Plan Division, Planning Commission, Government of India, 2014. 		
Suggested Continuous Evaluation Methods:		
Assignment / test/ Quiz (MCQ) / Seminar/ Presentations/ Research orientation of students		
Suggested equivalent online :		
Swayam		

Class: Degree B.A

BA 3rd Year, Sem. VI

Course I
(Theory)

Course Code: A0806017

Subject: Economics

Course Title: Indian Economy & Economy
of Uttar Pradesh.

Suggested Readings:

- 1) गौरव दत्त एवं अश्वनी महाजन, भारतीय अर्थव्यवस्था, एस चन्द एण्ड क० प्र० लि०, रामनगर नई दिल्ली।
- 2) मिश्र एवं पुरी, भारतीय अर्थव्यवस्था, हिमालय पब्लिशिंग हाउस, नई दिल्ली।
- 3) मिश्र, जगदीश नारायण, भारतीय अर्थ व्यवस्था, पुस्तक महल पब्लिकेशन, वारियागंज, नई दिल्ली।
- 4) जालान, विमल, इक्कीसवीं शती में भारतीय अर्थ व्यवस्था, प्रभात प्रकाशन, आसफ़ अली रोड, दिल्ली।
- 5) कौमली, एल. एन., भारतीय अर्थ व्यवस्था, लक्ष्मीनारायण प्रकाशक संजय प्रेलेक्स, आगरा।
- 6) टी.आर. जैन, मुकेश प्रेहन, रंजू प्रेहन, भारतीय आर्थिक समस्याएं ग्लोबल पब्लिकेशन प्रा० लि०।
- 7) अरविंद नारायण मिश्र, वेद पात सिंह अरोड़ा, उत्तर प्रदेश की अर्थव्यवस्था।
- 8) प्रो० एस. एन. लाल, डा० एस. के. लाल, भारतीय अर्थव्यवस्था, शिवम पब्लिशर्स इलाहाबाद।

BA 3rdYear
Sem. VI
Course II (Optional)
(Theory)

Program/Class: Degree /BA	Year: Third	Semester: Sixth
Subject: Economics		
Course Code: A080602T	Course Title: Agriculture Economics	
Course Outcome		
<ul style="list-style-type: none"> ● Students should be able to comprehend and explain the approaches to economic development with respect to dualistic development. ● Students should be able to understand and explain the basics of agriculture economics. ● Students should be familiar with labour issues in agriculture sector. ● Students should be able to explain the significance of agriculture in the economic growth and economic development of an economy and in case of Indian Economy. ● Students should be familiar with the institutional initiatives to strengthen the rural and agricultural development to achieve self-sufficiency. ● Students should be able to comprehend the role of credit in the development of agriculture in a country like India and the significance of institutional mechanism in this regard. 		
Credits: 5	Core Compulsory	
Max. Marks: 25+75	Min. Passing Marks:40	
Total No. of Lectures-Tutorials-Practical (in hours per week): L- 4/w		
Unit	Topics	No. of Lectures
Part I		
I	Models of Agricultural Development: Physiocrats approach, W. A. Lewis model, Fei & Ranis Model, Schultz Theory of Agricultural Development, Jorgenson's Dual Economy Model	10
II	Agricultural Production Function, Supply Response, Farm Size, Return to Scale and Productivity. Cobweb Theorems. Farm Size and Productivity Debate; Theoretical And Empirical Findings. Agricultural Price Policy in India.	10
III	Labour in Agriculture- Interlocking of Factor Markets, Labour and Work Force in Rural Farm and Non-Farm Sectors. Agricultural Labour- Problem and Policy. Concept and Measurement of Rural Poverty & Employment, Poverty Alleviation Programmes (in brief-the Objectives, Achievements & the Shortcomings).	10
IV	Current Issues in Indian Agriculture- Poverty & Food Security in India, Agro- Subsidies in India, Subsidy Vs Public Investment. Export and Imports of Agricultural Commodities, Terms of Trade in Indian Agriculture, WTO and Indian Agriculture-Bali Negotiations	10
Part II		
V	Role Of Agriculture in Economic Growth and Development in India. Backward, Forward Linkage between Agriculture and Industry, Approaches towards Agriculture And Allocation of Resources under Different Plans in India. Employment Elasticity in Indian Agriculture, Challenges & Issues Regarding Agricultural Area Expansion, Production and Productivity in India (With Focus On Post Reform (Post 1991 & 1995) Period.	10

VI	Land Reforms in India & Its Contemporary Relevance, Green Revolution and the Need for Second Generation, Green Revolution, Role of Infrastructural Support-Irrigation, Power, Seeds Fertilizers, Marketing Support System and Roads in Agricultural Development in India..	10
VII	Role of Credit in Agricultural Development, Institutional & Non-Institutional Sources of Credit in India, Cooperative Movement in India (In Brief). Role of Schedule Commercial Banks, Lead Banks, Regional Rural Banks and NARBAD to Promote Agricultural Development.	8
VIII	Agricultural Marketing: Meaning and Concept. Structure of Agricultural Markets in India, Issues and Challenges in the Marketing of Agricultural Products in India (With Focus On The Post Reform Period-Post 1991). Agricultural Diversification: Meaning, Concept & Issues. Crop Diversification: Meaning, Concept and Issues. Farm Incomes and Employment in Indian Agriculture.	7

Suggested Readings:

- Bardhan, P. (1984) Land, Labour and Poverty; Essays in Economic Development, OUP, New Delhi.
- Bhaduri, A. (1984), The Economic Structure of Backward Agriculture; Macmillan, Delhi.
- Bhalla, G.S., (2007) Indian Agriculture since Independence, National Book Trust, India
- Bharadwaj, K. (1974), Production Condition in India Agriculture; OUP, Cambridge.
- Black, J.D, (1953) Introduction to Economics for Agriculture, Macmillan.
- Dantawala, M.L. et al. (1991): Indian Agricultural Development since Independence, Oxford & IBH, New Delhi.
- Dash, Mrutyunjay (2013): Agricultural Economics, Anmol Publications.
- Ghatak, Sand K. Ingerscant(1984), Agriculture and Economic Development; Select Books, New Delhi.
- Griffin, K.(1973): Political Economy of Agrarian Change.
- Gupta, P.K (2012) : Agricultural Economics, Vrinda Publications, Delhi.
- Gupta, P.K (2012) : Krishi Arthsastra , Vrinda Publications, Delhi.
- Khusro, A.M.(1973), The Economics of Land Reforms and Farm Size in India, MacMillan.
- Kumar, N.S.Ravi (2010) : Agricultural Economics, Neha Publishers.
- Lekhi, R.K(2013) : Agricultural Economics, Kalyani Publishers.
- Lekhi, R.K(2013) : Krishi Arthsastra, Kalyani Publishers.
- Mahajan, Ashwani (2010): Agricultural Economics, Centrum Press.
- Mellor, J.W., The Economics of Agricultural Development, Vora and Co., Bombay, 1964.
- Raghavan and L. Sarkar (Eds.) (1996): Poverty and Employment: New Delhi.
- Raj, K.N. et.al. (1988): Essays in the Commercialization of Indian Agriculture; OUP, New Delhi.
- Rao, CHH (1993): Agricultural Growth, Rural Poverty and Environmental Degradation in India, OUP, New Delhi.
- Rao, CHH, (1975): Technological Change and Distribution of Gains in Indian Agriculture, MacMillan.
- Rudra, A. (1982): India Agriculture Economics; Myths and Reality: Allied Publishers, New, Delhi.

- Sarap Kailash (1991): Interlinked Agrarian Markets in Rural India, Sage Publication, New Delhi.
- Schultz, T.W.(1964): Transforming Traditional Agriculture, Yale University Press.
- Soni, R.N (2011): Krishi Arthshastra Ke Mukhya Vishay, Vishal Publishing Company,Jalandhar (New Delhi)
- Soni, R.N (2011): Leading Issues In Agricultural Economics, Vishal Publishing Company,Jalandhar (New Delhi)
- Sunder,I (2010): Principles of Agricultural economics, Neha Publishers.
- Talathi, J.M (2008): Introduction To Agricultural Economics And Agribusiness Management, Ane Books.
- Taylor, H.C., (1949), Outlines of Agricultural Economics, MacMillan.
- Verma, N.M.P. (1990), Irrigation Change and Agricultural Development, Uppal, New Delhi.

B.A 3rd Year Sem. VI

Course II (Optional)
(Theory)

Degree / BA

Course Code: A080602T

Subject: Economics

Course Title: Agriculture Economics

Suggested Readings:

- 1) डा० एस. वी. गुप्ता, कृषि अर्थशास्त्र, साहित्य भवन पब्लिकेशन्स।
- 2) डा० जय प्रकाश मिश्र, कृषि अर्थशास्त्र, साहित्य भवन पब्लिकेशन्स आगरा
- 3) ड० आर. एन. शुक्ला, ए. एल. जाट, ए कम्प्युटीविब बुक ऑफ एग्रीकल्चर, वी. वी. पब्लिकेशन्स
- 4) गुप्ता पी. के., कृषि अर्थशास्त्र, वृंदा पब्लिकेशन्स प्रा० लि० नई दिल्ली
- 5) सौनी, आर. एन., कृषि अर्थशास्त्र के मुख्य विषय, विशाल पब्लिशिंग क० जालंधर, शिब्या।
- 6) माथुर वी. एल., कृषि अर्थशास्त्र; अर्जुन पब्लिशिंग हाउस नई दिल्ली
- 7) गुप्ता डा० शिवभूषण, कृषि अर्थशास्त्र, साहित्य भवन, आगरा.
- 8) अग्रवाल एन. एल., भारतीय कृषि का अर्थतन्त्र, राजस्थान हिन्दी ग्रन्थ अकादमी, जयपुर।
- 9) सौनी, आर. एन., भारतीय कृषि का मशीनीकरण, विशाल पब्लिशिंग क०
- 10) दीक्षित एव. अग्रवाल, कृषि अर्थशास्त्र, दरीश विश्व विद्यालय प्रकाशन, अस्पताल मार्ग आगरा

BA 3rdYear, Sem. VI
Course III(Optional)
(Theory)

Program/Class: Degree /BA	Year: Third	Semester: Sixth
Subject: Economics		
Course Code: A080603T	Course Title: Elementary Mathematics	
Course Outcome		
<ul style="list-style-type: none"> ● Students should be familiar with the basis concepts of mathematics and their application in economics. ● Students are able to comprehend & explain the concepts of straight lines slope etc of mathematics and its application in economics. ● Students should be able to understand basics of differential & its application in economics. ● Students should be able to understand and work with matrices and determine if a given square matrix is invertible. ● Learn about and work with vector spaces and subspaces. ● Students are able to understand and work with the concepts of linear programming & graphic methods. 		
Credits: 5		Core Compulsory
Max. Marks: 25+75		Min. Passing Marks:40
Total No. of Lectures-Tutorials-Practical (in hours per week): L- 4/w		
Unit	Topics	No. of Lectures
Part I		
I	Basic Concepts: Variables, Sets, Functions, Equations, Identities, Systems of Equations	9
II	Application of Straight Line System, Slope of the Line, Homogeneous Function.	9
III	Role Of Mathematical Techniques In Economic Analysis, Theory of Numbers, Indices and Factorization.	9
IV	Progression, Growth Rate, Equilibrium.	9
Part II		
V	Basics of Calculus: Rules of Differentiation of a Function; Maxima and Minima,	9
VI	Elasticities; Inter- relationships among Total, Marginal and Average Cost and Revenues; Constrained Optimisation Problem; Integration of a Function, Consumer's and Producer's Surplus	10
VII	Matrix and Determinants: Various types of Matrices, Determinants, Inverse of a Matrix, Cramer's Rule.	10
VIII	Concept of Linear Programming — Graphic Methods.	10

Suggested Readings:

1. Agarwal, D.R. (2009): Mathematics for Economics, Vrinda Publications, Delhi. Livernois, John., Rees, Ray., & Hoy, Michael (2012) : Mathematics for Economics , PHI Learning.
2. Agarwal, D.R. "Prarambhik Ganitiya Arthshastra (Hindi), Vrinda Publications, Delhi.
3. Allen, R.G.D (2008) : Mathematical Analysis for Economics , AITBS.
4. Bhardwaj, R.S (2006): Mathematics for Economics and Business, Excel Books.
5. Chiang, A.C & Wainwright, Kevin (2013) : Fundamental Methods of Mathematical Economics" McGraw Hill Publication.
6. Dowling, Edward.T (2005): Schaum's Easy Outline of Introduction to Mathematical Economics , Tata McGraw Hill Education.
7. Madnani, G M K : Mathematics for Economics. Sultan Chand & Sons
8. Mishra, J.P. "Ganiteeya Arthshastra", Pratiyogita Sahitya.
9. Rosser, Mike (2003) : Basic Mathematics for Economists , Routledge.
10. Seth, M.L., "Arthshastramei Prarambhik Ganit", Laxmi Narayan Publications, Agra.
11. Sharma, J.K (2007): Business Mathematics, Ane Books Pvt. Ltd.
12. Yamane, Taro (2007) : Mathematics For Economists : An Elementary Survey , PHI Learning

Suggested Continuous Evaluation Methods:

Assignment / test / Quiz (MCQ) / Seminar / Presentation / Research orientation of students

Suggested equivalent online :
Swayam

B. A III Year , Sem. VI
Course III (Optional)

Theory.

course code - A080603T subject: Economics

course Title : Elementary Mathematics

Suggested Readings :

- 1) मिश्रा, जे. पी., भारतीय अर्थशास्त्र, साहित्य अकादमी प्रकाशन ।
- 2) अग्रवाल, डी. आर ; भारतीय अर्थशास्त्र, वृन्दा प्रकाशन ।
- 3) मेहता, वी. सी. एवं मदनानी, जी. एम. के. अर्थशास्त्र में प्राथमिक गणित, लेखमीनारायण अग्रवाल प्रकाशन ।
- 4) डा० एस० एन० लाल, डा० एस० के० चतुर्वेदी एवं डा० एस० के० लाल, आर्थिक विश्लेषण की तकनीक, शिव प्रकाशन ।

BA 3rd Year, Sem. VI
Course IV
(Project/Dissertation)

Program/Class: Degree/BA	Year: Third	Semester: Sixth
Subject: Economics		
Course Code:A080604R	Course Title: Project/Dissertation	
Course outcomes: <ul style="list-style-type: none"> ● The objective of introducing Dissertation/Project at the 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 Dissertation/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. 		
Credits: 3		Core Compulsory
Max. Marks: 25+75		Min. Passing Marks:40
Total No. of Lectures-Tutorials-Practical (in hours per week): P-2/w		
Unit	Topics	No. of Lectures
I	Dissertation Topic on the Local/Current Issues with Economic Focus plus Presentation using Ppt. Dissertation Report will be prepared using Statistical/Research Techniques .Surveys, Questionnaire/interview schedule. Questionnaire/Interview Schedule must be attached with the report as	45

	annexure.	
<p>Suggested Readings:</p> <ul style="list-style-type: none"> ● Choubey, Varanya (2018): Research Writing: The Structural Challenge of Communicating Knowledge + A Method to Meet it. ISBN-13: 978-1974673162 & ISBN-10: 1974673162 ● Greenlaw, Steven A (2005): Doing Economics: A Guide to Understanding and Carrying Out Economic Research, Houghton Mifflin Harcourt (HMH). ● Kothari, C R (2013): Research Methodology. New Age International Publishers. ● Paliwal, Neha & Surendra Khatri (2018): Sodh Pravidhi. National Publishing House. ISBN: 9788180181726, 8180181723 ● Pandey Arun & Ganesh Pandey (2009): Sodh Pravidhi. Radha Publication. ISBN-10 : 8174873805 ● Sharma, Vinay Mohan(2018): Sodh Pravidhi. Mayur Books. ● Thomson, Williams (2011): A Guide for the Young Economists. MIT Press 		
<p>This course can be opted as an elective by the students of following subjects: Open for all</p>		
<p>Suggested Continuous Evaluation Methods: Fieldwork, Seminar, Presentations, VIVA, Dissertation.</p>		
<p>Suggested equivalent online : Swayam</p>		