गुरु घासीदास विश्वविद्यालय
(केन्द्रीय विश्वविद्यालय अधिनियम 2009 क्र. 25 के अंतर्गत स्थापित केन्द्रीय विश्वविद्यालय)
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List of New Course(s) Introduced

Department	: *Economics*
Programme Name	: *B.A. IIIrd & IVth Semester*
	Academic Year : 2019-20

List of New Course(s) Introduced

Sr. No.	Course Code	Name of the Course
01.	SS/EC/C-305	Intermediate Microeconomics-I
02.	SS/EC/C-306	Intermediate Macroeconomics-I
03.	SS/EC/C-306	Statistical Methods for Economics
04.	SS/EC/C-GEII-A-1	Money & Banking
05.	SS/EC/C-(SEC-1)	Data Analysis
06.	SS/EC/C-408	Intermediate Microeconomics-II
07.	SS/EC/C-409	Intermediate Macroeconomics-II
08.	SS/EC/C-410	Introductory Econometrics
09.	SS/EC/C-GEII-B-2	Public Finance
10.	SS/EC/C-(SEC-2)	Research Methodology

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Minutes of Meetings (MoM) of Board of Studies (BoS)

Academic Year : 2019-20	
School :	*School of Studies in Social Science*
Department :	*Economics*
Date and Time :	*July 18, 2019 – 11:00 AM*
Venue :	*Head's Room*

The scheduled meeting of member of Board of Studies (BoS) of Department of Economics, School of Studies of Social Science, Guru Ghasidas Vishwavidyalaya, Bilaspur was held to design and discuss the B. A. IIIrd & IVth Semester syllabus.

The following members were present in the meeting:

1. Prof. Niti Jain (External Expert Member BoS, Dept. of Economics, IGNTU, Amarkantak, M.P.)
2. Prof. Manisha Dubey (HOD cum Chairman, BOS, Dept. of Economics.)
3. Mr. T. R. Ratre (Member BOS, Assistant Professor, Dept. of Economics)

Following points were discussed during the meeting

1. The Syllabus of B.A. IIIrd & IVth Semester under CBCS scheme formulated all the faculty members of the department during the curriculum development workshop held before summer vacation. The draft of this syllabus was sent to Dr. Niti Jain, the external expert member of BOS through email. Eventually, this syllabus was approved by the external expert.

The following new courses were introduced in the B.A. IIIrd & IVth Semester (CBCS)

❖ Intermediate Microeconomics-I (SS/EC/C-305)
❖ Intermediate Macroeconomics-I (SS/EC/C-306)
❖ Statistical Methods for Economics (SS/EC/C-306)
❖ Money & Banking (SS/EC/C-GEII-A-1)
❖ Data Analysis (SS/EC/C-(SEC-1)
❖ Intermediate Microeconomics-II (SS/EC/C-408)
❖ Intermediate Macroeconomics-II (SS/EC/C-409)
❖ Introductory Econometrics (SS/EC/C-410)
❖ Public Finance (SS/EC/C-GEII-B-2)
❖ Research Methodology (SS/EC/C-(SEC-2))

Manisha

Head
Dept. of Economics
GURU GHASIDAS UNIVERSITY
BILASPUR (C.G.)

Signature & Seal of HoD

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Scheme and Syllabus

Department of Economics (B.A. IIIrd & IVth Semester) CBCS

III	Core-5		Intermediate Microeconomics-I	5	5
	Core -5 Tutorial		Tutorial-5 based on Core-5	1	1
	Core -6		Intermediate Macroeconomics-I	5	5
	Core -6 Tutorial		Tutorial-6 based on Core-6	1	1
	Core - 7		Statistical Methods for Economics	5	5
	Core – 7 Tutorial		Tutorial-7 based on Core-7	1	1
	Generic Elective (GEII-A)-1		From pool of Generic elective courses	5	5
	Generic Elective - Tutorial		Tutorial-3 based on Generic Elective-3	1	1
	Skill Enhancement Course (SEC -1)		From pool of Skill Enhancement Course (SEC -1)	4	4
			Total	28	28
IV	Core-8		Intermediate Microeconomics-II	5	5
	Core -8 Tutorial		Tutorial-8 based on Core-8	1	1
	Core -9		Intermediate Macroeconomics-II	5	5
	Core -9 Tutorial		Tutorial-9 based on Core-9	1	1
	Core - 10		Introductory Econometrics	5	5
	Core – 10 Tutorial		Tutorial-10 based on Core-10	1	1
	Generic Elective (GEII-B)-2		From pool of Generic elective courses	5	5
	Generic Elective - Tutorial		Tutorial-4 based on Generic Elective-4	1	1
	Skill Enhancement Course (SEC -2)		From pool of Skill Enhancement Course (SEC -2)	4	4
				28	28

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SEMESTER III
B.A. (Hon's) Economics, Semester III, Core-5
Course: Intermediate Microeconomics – I
Course Code: SS/EC/C-305
Course Credit: (5+1)

INTERMEDIATE MICROECONOMICS - I

Course Description

The course is designed to provide a sound training in microeconomic theory to formally analyze the behaviour of individual agents. Since students are already familiar with the quantitative techniques in the previous semesters, mathematical tools are used to facilitate understanding of the basic concepts. This course looks at the behaviour of the consumer and the producer and also covers the behaviour of a competitive firm.

Course Outline

1. Consumer Theory
Utility; Diminishing Marginal Utility; Equi-Marginal Utility; budget constraint; revealed preference.

2. Production, Costs and Perfect Competition
Isoquants; production with one and more variable inputs; returns to scale;

3. Costs
Cost curves in the short run and long run.

4. Input Markets
Labour and land markets - basic concepts (derived demand, productivity of an input, marginal productivity of labour, marginal revenue product); demand for labour;

Readings:
1. Hal R. Varian, *Intermediate Microeconomics, a Modern Approach*, W.W. Norton and Company/Affiliated East-West Press (India), 8th edition, 2010. The workbook by Varian and Bergstrom may be used for problems.
2. C. Snyder and W. Nicholson, *Fundamentals of Microeconomics*, Cengage Learning (India), 2010.
3. B. Douglas Bernheim and Michael D. Whinston, *Microeconomics*, Tata McGraw-Hill (India), 2009.

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SEMESTER III
B.A. (Hon's) Economics, Semester III, Core-6
Course: Intermediate Macroeconomics – I
Course Code: SS/EC/C-306
Course Credit: (5+1)

INTERMEDIATE MACROECONOMICS - I

Course Description

This course introduces the students to formal modeling of a macro-economy in terms ofanalytical tools. It discusses various alternative theories of output and employmentdetermination in a closed economy in the short run as well as medium run, and the role of
Policy in this context. It also introduces the students to various theoretical issues related to an open economy.

Course Outline

1. Aggregate Demand and Aggregate Supply Curves
Derivation of aggregate demand and aggregate and supply curves; interaction of aggregate demand and supply.

2. Inflation, Unemployment and Expectations
Phillips curve; adaptive and rational expectations

3. Exchange rate determination; purchasing power parity

4. Open Economy Models
Monetary approach to balance of payments; international financial markets.

Readings:
1. Dornbusch, Fischer and Startz, *Macroeconomics*, McGraw Hill, 11th edition, 2010.
2. N. Gregory Mankiw. *Macroeconomics,* Worth Publishers, 7th edition, 2010.
3. Olivier Blanchard, *Macroeconomics*, Pearson Education, Inc., 5th edition, 2009.
4. Steven M. Sheffrin, *Rational Expectations*, Cambridge University Press, 2nd edition, 1996.
5. Andrew B. Abel and Ben S. Bernanke, *Macroeconomics*, Pearson Education, Inc., 7th edition, 2011.
6. Errol D'Souza, *Macroeconomics*, Pearson Education, 2009
7. Paul R. Krugman, Maurice Obstfeld and Marc Melitz, *International Economics*, Pearson Education Asia, 9th edition, 2012.
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Generic Elective (GEII-A)-1

SEMESTER III
B.A. (Hon's) Economics, Semester III, General Elective-II
Course: Money and Banking
Course Code: SS/EC/C-(GEII-A)-1
Course Credit: (5+1)

Money and Banking

Course Description

This course exposes students to the theory and functioning of the monetary and financial sectors of the economy. It highlights the organization, structure and role of financial markets and institutions. It also discusses interest rates, monetary management and instruments of monetary control. Financial and banking sector reforms and monetary policy with special reference to India are also covered.

Course Outline

1. Money

Concept, functions, measurement; theories of money supply

2. Financial Institutions, Markets, Instruments and Financial Innovations

Money and capital markets: organization, structure and reforms in India; role of financial Institutions

3. Banking System

Indian banking system: Changing role and structure; banking sector reforms.

4. Central Banking and Monetary Policy

Central Bank: Functions, goals, targets, instruments of monetary control; current monetary policy of India.

Readings

1. F. S. Mishkin and S. G. Eakins, Financial Markets and Institutions, Pearson Education, 6th edition, 2009.
2. F. J. Fabozzi, F. Modigliani, F. J. Jones, M. G. Ferri, Foundations of Financial Markets and Institutions, Pearson Education, 3rd edition, 2009.
3. L. M. Bhole and J. Mahukud, Financial Institutions and Markets, Tata McGraw Hill, 5th edition, 2011.
4. M. Y. Khan, Indian Financial System, Tata McGraw Hill, 7th edition, 2011.
5. Various latest issues of R.B.I. Bulletins, Annual Reports, Reports on Currency and Finance and Reports of the Working Group, IMF Staff Papers.

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SEMESTER III
B.A. (Hon's) Economics, Semester III, Core-7
Course: Statistical Methods for Economics
Course Code: SS/EC/C-307
Course Credit: (5+1)

STATISTICAL METHODS FOR ECONOMICS

Course Description

This is a course on statistical methods for economics. It begins with some basic concepts and terminology that are fundamental to statistical analysis and inference. It then develops the notion of probability, followed by probability distributions of discrete and continuous random variables and of joint distributions. This is followed by a discussion on sampling techniques used to collect survey data. The course introduces the notion of sampling distributions that act as a bridge between probability theory and statistical inference. The semester concludes with some topics in statistical inference that include point and interval estimation.

Course Outline

Unit I:
Introduction to Statistics Basic concepts: Population, Sample, Parameter, Statistic, primary and secondary data, Techniques of data collection; Questionnaire, schedule.

Unit II:
Central Tendency: Measures of central tendency; Mean, Median, Mode,

Unit III:
Measures of dispersion; Range, Quartile deviation. Mean Deviation, Standard deviation, Coefficient of variation

Unit IV:
Correlation; Simple, Coefficient of correlation — Karl Pearson, Calculation of Correlation coefficient in a bivariate frequency distribution, Spearman's Rank Correlation,

Readings:

1. Jay L. Devore, *Probability and Statistics for Engineers*, Cengage Learning, 2010.
2. John E. Freund, *Mathematical Statistics*, Prentice Hall, 1992.
3. Richard J. Larsen and Morris L. Marx, *An Introduction to Mathematical Statistics*
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and its *Applications*, Prentice Hall, 2011.
4. William G. Cochran, *Sampling Techniques*, John Wiley, 2007.

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Skill Enhancement Course (SEC-I)

SEMESTER III
B.A. (Hon's) Economics, Semester III, Skill Enhancement Course (SEC-I)
Course: Data Analysis
Course Code: SS/EC/C-(SEC-1)
Course Credit:4

Data Analysis

Unit 1
Importance of Statistics in Economics, Collection of data
Primary and Secondary Sources of Data, Collection of Primary Data- Interview and Observation Method

Unit 2
Types of Sampling-Random Sampling, Purposive or Deliberate Sampling, Stratified or Mixed Sampling, Systematic Sampling, Quota Sampling, Convenience Sampling

Unit 3
Classification and Tabulation of Data

Unit 4
Diagrammatic Presentation of Data
Bar Diagrammes-Simple Bar Diagramme, Multiple Bar Diagramme, Differential Bar Diagramme
Pie or Circular Diagramme

Suggest Readings:
1. Goon, A. M, Gupta, M. K, and Dasgupta, B. *Fundamentals of Statistics (Volume One)*, The World Press Private Ltd
2. GOI, *Note on Sample Design and Estimation Procedure of NSS 68th Round*, National Sample Survey Office, Ministry of Statistics and Programme Implementation.
3. GOI, *SRS Statistical Report 2016*, Office of the Registrar General & Census Commissioner, India

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SEMESTER IV
B.A. (Hon's) Economics, Semester IV, Core-8
Course: Intermediate Microeconomics – II
Course Code: SS/EC/C-408
Course Credit: (5+1)

INTERMEDIATE MICROECONOMICS - II

Course Description

This course is a sequel to Intermediate Microeconomics I. The emphasis will be on giving conceptual clarity to the student coupled with the use of mathematical tools and reasoning. It covers general equilibrium and welfare, imperfect markets and topics under information economics.

Course Outline

1. General Equilibrium, Efficiency and Welfare
Equilibrium and efficiency under pure exchange and production; overall efficiency and welfare economics

2. Market Structure and Game Theory, Monopoly; pricing with market power

3. Price discrimination; Peak-load pricing; two-part tariff; monopolistic competition and oligopoly;

4. Market Failure
Externalities; public goods and markets with asymmetric information

Readings:
1. Hal R. Varian, *Intermediate Microeconomics, a Modern Approach*, 8th edition, W.W. Norton and Company/Affiliated East-West Press (India), 2010. The workbook by Varian and Bergstrom could be used for problems.
2. C. Snyder and W. Nicholson, *Fundamentals of Microeconomics*, Cengage Learning (India), 2010.

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SEMESTER IV
B.A. (Hon's) Economics, Semester IV, Core-9
Course: Intermediate Macroeconomics – II
Course Code: SS/EC/C-409
Course Credit: (5+1)

INTERMEDIATE MACROECONOMICS - II

Course Description

This course is a sequel to Intermediate Macroeconomics I. In this course, the students are introduced to the long run dynamic issues like growth and technical progress. It also provides the micro-foundations to the various aggregative concepts used in the previous course.

Course Outline

1. Microeconomic Foundations
Consumption: Keynesian consumption function; Fisher's theory of optimal intertemporal choice; life-cycle and permanent income hypotheses; rational expectations and random-walk of consumption expenditure.

2. Investment: determinants of business fixed investment; residential investment and inventory investment, Demand for money

3. Fiscal and Monetary Policy
Active or passive; monetary policy objectives and targets; rules

4. Schools of Macroeconomic Theories
Classicals; Keynesians; New-Classicals and New-Keynesians.

Readings:
1. Dornbusch, Fischer and Startz, *Macroeconomics*, McGraw Hill, 11th edition, 2010.
2. N. Gregory Mankiw. *Macroeconomics,* Worth Publishers, 7th edition, 2010.
3. Olivier Blanchard, *Macroeconomics*, Pearson Education, Inc., 5th edition, 2009.
4. Charles I. Jones, *Introduction to Economic Growth*, W.W. Norton & Company, 2nd edition, 2002.
5. Andrew B. Abel and Ben S. Bernanke, *Macroeconomics*, Pearson Education, Inc., 7th edition, 2011.
6. Errol. D'Souza, *Macroeconomics*, Pearson Education, 2009.
7. Robert J. Gordon, *Macroeconomics*, Prentice-Hall India Limited, 2011.

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Generic Elective (GEII-B)-2

SEMESTER IV
B.A. (Hon's) Economics, Semester IV, General Elective-II
Course: Public Finance
Course Code: SS/EC/C-(GEII-B)-2
Course Credit: (5+1)

Public Finance

Course Description

This course is a non-technical overview of government finances with special reference to India. The course does not require any prior knowledge of economics. It will look into the efficiency and equity aspects of taxation of the centre, states and the local governments and the issues of fiscal federalism and decentralisation in India. The course will be useful for students aiming towards careers in the government sector, policy analysis, business and journalism.

Course Outline

1. Indian Public Finance: (Scope, Importance and Nature) Public and Private Finance, Fiscal Federalism

2. Market Failure, Private, Public and Merit Goods and Externalities.

3. Working of Fiscal Policies in Developing and Developed Countries

4. India's Tax System and Budget, Current Budget: Types, Formation, Importance

Read ings

1. Musgrave, R.A. and P.B. Musgrave, Public Finance in Theory and Practice, McGraw Hill, 1989.
2. Mahesh Purohit , "Value Added Tax: Experience of India and Other Countries", Gayatri Publications, 2007.
3. Kaushik Basu, and A. Maertens (ed.), The Oxford Companion to Economics in India, Oxford University Press,2007.
4. M.M Sury, Government Budgeting in India, Commonwealth Publishers, 1990.

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SEMESTER IV
B.A. (Hon's) Economics, Semester IV, Core-10
Course: Introductory Econometrics
Course Code: SS/EC/C-410
Course Credit: (5+1)

INTRODUCTORY ECONOMETRICS

Course Description
This course provides a comprehensive introduction to basic econometric concepts and techniques. It covers statistical concepts of hypothesis testing, estimation and diagnostic testing of simple and multiple regression models.

Course Outline

Unit: 1
Nature and Scope of Econometrics

Unit: 2
Simple Linear Regression Model: Two Variable Case; Estimation of model by method of ordinary least squares;

Unit: 3
Gauss-Markov theorem; properties of estimators; goodness of fit-R^2; tests of hypotheses; confidence intervals; forecasting

Unit: 4
Multiple Linear Regression Model: Estimation of parameters; goodness of fit – R^2 and adjusted R2; partial regression coefficients;

Readings
1. D. N. Gujarati and D.C. Porter, Essentials of Econometrics, McGraw Hill, Latest edition, International/Indian Edition.
2. Christopher Dougherty, Introduction to Econometrics, Oxford University Press, Latest edition, Indian edition.
3. Jan Kmenta, Elements of Econometrics, Indian Reprint, Khosla Publishing House, Latest edition.

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Skill Enhancement Course (SEC-II)

SEMESTER IV
B.A. (Hon's) Economics, Semester IV, Skill Enhancement Course (SEC-II)
Course: Research Methodology
Course Code: SS/EC/C-(SEC-2)
Course Credit: 4

Research Methodology

Unit 1
Research Methodology: An Introduction, Meaning of Research, Objective of Research, Significance of Research, Research Methods Vs Methodology,

Unit 2
Types of Research-Exploratory, Descriptive, Applied, Fundamental etc.

Unit 3
Research Process, Formulating the Research Problem, Literature Survey, Working Hypothesis

Unit 4
Important Concepts relating to Research Design
Dependant and Independent Variables, Research Hypothesis, Experimental and Control Groups

Suggested Readings
1. Goon, A. M, Gupta, M. K, and Dasgupta, B. Fundamentals of Statistics (Volumes One and Two),The World Press Private Ltd
2. C.R. Kothari : Research Methodology : Methods and Techniques (second revised edition), New Age India (P) Ltd Publishers.
3. Alpha C. Chiang and Kavin WainWright : Fundamental Methods of Mathematical Economics, McGraw Hill, 2005.[For stability analysis]

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