दिनांक 31.12.2021 को ऑनलाइन आयोजित अध्ययन मंडल की बैठक का कार्यवृत

विषयान्तर्गत आज दिनांक 31.12.2021 को अर्थशास्त्र अध्ययन मंडल की बैठक ऑनलाइन आयोजित की गयी। जिसमें अध्ययन मंडल के सदस्य एवं बाह्य विषय विशेषज्ञ सम्मिलित हुवे।

बैठक का एजेंडा निम्नानुसार था।

1. B. A. Economics (LOCF Syllabus) पाठ्यक्रम की संरचना एवं B. A. Economics प्रथम एवं द्वितीय सेमेस्टर के पाठ्यक्रम पर चर्चा एवं Approval बाबत।

बैठक में B. A. Economics (LOCF Syllabus) पाठ्यक्रम की संरचना एवं B. A. Economics प्रथम एवं द्वितीय सेमेस्टर के पाठ्यक्रम पर चर्चा उपरांत उसे Approve किया गया।

बैठक धन्यवाद् ज्ञापन के साथ समाप्त हुई।

31-12-2021

Nanisha
31.12.2021

BOS Meeting Notice

8 messages

manisha dubey <manu.bilaspur@gmail.com> 30 December 2021 at 15:51
To: Niti Jain <dr.nitijain@gmail.com>, ratre eco <ratreeco.1968@gmail.com>, ratre eco <ratreeco1968@gmail.com>
Cc: pravin mishra <pravinmishra2010@gmail.com>, Assistant Registrar <arggvbsp@gmail.com>

Dear All,
It is to notify that BOS in Economics is going to be held on 31.12.2021 at 12 noon to discuss and approve the proposed structure of courses for B.A. (Hons.) Economics (Three years/Six semesters) based on the LOCF System and proposed syllabus for B.A. (Hons.) Economics I & II Semester
All the members are requested to attend the meeting.
Thanks and regards

Copy to;

Prof. Pravin Kumar Mishra, Dean, School of Studies in Social Science.

A.R. Academics

Dr. Manisha Dubey,
Professor
Department of Economics
Dean,School of Social Science,
Guru Ghasidas Vishwavidyalaya, Bilaspur - 495 009 ,Chhattisgarh

---

Niti Jain <dr.nitijain@gmail.com> 30 December 2021 at 19:48
To: manisha dubey <manu.bilaspur@gmail.com>

I shall attend the meeting.
[Quoted text hidden]

Niti Jain <dr.nitijain@gmail.com> 30 December 2021 at 19:49
To: manisha dubey <manu.bilaspur@gmail.com>

Please share the link.
[Quoted text hidden]

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manisha dubey <manu.bilaspur@gmail.com> 30 December 2021 at 22:26
To: Niti Jain <dr.nitijain@gmail.com>

Thanks Niti
[Quoted text hidden]

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manisha dubey <manu.bilaspur@gmail.com> 31 December 2021 at 10:36
To: Niti Jain <dr.nitijain@gmail.com>

Dear Dr. Niti Jain and BOS Member,
The link for BOS meeting is as under:
https://meet.google.com/jfn-jcox-yux
You all are requested to attend the meeting.

Thanks and regards
Dr. Manisha Dubey,
Professor
Department of Economics
Dean,School of Social Science,
Guru Ghasidas Vishwavidyalaya, Bilaspur - 495 009 ,Chhattisgarh

[Quoted text hidden]

Jain <dr.nitijain@gmail.com>
manisha dubey <manu.bilaspur@gmail.com>

31 December 2021 at 10:38

Thanks, I will be there.
[Quoted text hidden]

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manisha dubey <manu.bilaspur@gmail.com>
To: Niti Jain <dr.nitijain@gmail.com>

31 December 2021 at 10:45

Thanks Prof. Niti
Dr. Manisha Dubey,
Professor
Department of Economics
Dean,School of Social Science,
Guru Ghasidas Vishwavidyalaya, Bilaspur - 495 009 ,Chhattisgarh

[Quoted text hidden]

Niti Jain <dr.nitijain@gmail.com>
To: manisha dubey <manu.bilaspur@gmail.com>

13 January 2022 at 21:17

Approved

On Thu, 30 Dec 2021, 15:52 manisha dubey, <manu.bilaspur@gmail.com> wrote:
[Quoted text hidden]

Proposed structure of courses for
B.A. (Hons.) Economics (Three years/ Six semesters) based on LOCF System
and proposed syllabus for B.A. (Hons.) I & II Semester

(To be implemented from the academic session 2021-22)

Department of Economics
School of Social Sciences
Guru Ghasidas Vishwavidyalaya
Bilaspur (C.G.) 495009

given consent on line
BOS external member
Prof. Niti Jain
31-12-20

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TYPES OF COURSES

Core Course:

A course, which is to be studied compulsorily by a candidate as a core requirement is termed as a Core Course. The credits for the core courses will be 5. The distribution of credits is as per Table 1.

Elective Course:

Generally a course which can be chosen from a pool of courses and which may be very specific or specialized or advanced or supportive to the discipline / subject of study or which provides an extended scope or which enables an exposure to some other discipline/subject/domain or nurtures the candidate's proficiency/skill is called an Elective Course. The distribution of credits is as per Table 1.

Discipline Specific Elective (DSE) Course: Elective courses may be offered by the main discipline/subject of study is referred to as Discipline Specific Elective. These courses will be offered to the students of the same department in which they have admitted. These courses may be of interdisciplinary nature. The credit for each core course will be 5.

Generic Elective (GE) Course: An elective course chosen generally from other discipline/subject offered by sister departments, with an intention to seek additional exposure of the subject, is called a Generic Elective. A core course offered in a discipline/subject may be treated as an elective by other discipline/subject and vice versa and such electives may also be referred to as Generic Elective. The credit for each Generic course will be 5.

Ability Enhancement Courses (AEC): The Ability Enhancement Courses are the courses based upon the content that leads to Knowledge enhancement. The credit for the each AEC course will be 2. There will be five AEC courses in each Honours Program out of which one course on Environmental Science, one on English Language/Hindi Communication. Other three courses will be selected by the students from the pool of AEC courses, as notified by the University.

Skill Enhancement Courses (SEC): SEC courses are skill-based courses, which are aimed to provide hands-on-training, competencies, skills etc. These courses may be chosen from a pool of SEC courses, as notified by the University. There will be two SEC courses in each Honours Program. The credit for each SEC course will be 2.

Project work / Dissertation is considered as a special course involving application of knowledge in solving / analyzing /exploring a real life situation / difficult problem. A Project/Dissertation work would be of 6 credits. These courses are designed to acquire special/advanced knowledge, such as supplement study/support study to a project work, and a candidate studies such a course on his own with an advisory support by a faculty member. Project work / Dissertation submission will be followed by a presentation and Viva-voce.

Seminar: Seminar will be conducted by the faculty members of the department in which a student has to defend/present a topic allotted to him/her by the course coordinator. Every student has to

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present minimum 2 presentations. The seminar classes will preferably be conducted for 2 hours during a working day in a week.

Internship: An internship is a professional learning experience that offers meaningful, practical work related to a student's field of study or career interest. An internship gives a student the opportunity for career exploration and development, and to learn new skills. It offers the employer the opportunity to bring new ideas and energy into the workplace, develop talent and potentially build a pipeline for future full-time employees.

An internship consist of Consists of

- A part-time work schedule that includes a part of written documentation as report.
- Provides a clear project description for the work experience related to specific feild.
- Orients the student to the organization, its culture and proposed work assignment(s) etc for professional courses.
- Helps the student develop and achieve learning goals.

Internship may include Project Work, Subject-specific skill course, Internship, summer internship, Visits to field sites, Excursions, Industrial Visits, Industrial training, Research activities, and any other as may be required for specific degree programs on practical grounds.

The credits for internship will be 4-6 for BA/BSc/BCom/other basic degree programs.

The technical and professional degree programs may opt internship or apprenticeship in full semester with 24 credits.

Additional Credit courses: University Additional Credit Electives (UACE), Value Added Courses(VAC), Certificate courses(CC), Online Certificate Courses (OCC), and others as notified by the University from time to time. The credits for such courses will be 2 – 4 as notified by the university. A separate regulation for these courses is designed by the university.

The Board of Studies of each department will decide the course structure and syllabus for a specific program and update in the information in Table 3.

The minimum credits for the award of Undergraduate degree program in BA/BSc/B.Com will be 133. The maximum credits for such programs should not exceed 150.

An undergraduate degree with Honours in a discipline will be awarded with the following course structure as per the UGC guidelines

- 14 Core Courses
- 04 Generic Elective Courses (GE)
- 03 Discipline Specific Elective (DSE) Courses
- 05 Ability Enhancement Courses (AEC)
- 02 Skill Enhancement Courses (SEC)
- 01 Dissertation / Project
- 01 Seminar
- 01 Internship

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- Additional Credit Courses (as notified by the University)
- Online MOOC's Courses (As per UGC/University guidelines)

The credits of the courses are given in the following tables:

Table 1: Credit Distribution

Courses	Credits
	Theory + Tutorial
Core Courses (14 courses)	(4 + 1) x 14 = 70
Generic Elective (4 courses)	(4 + 1) x 4 = 20
Discipline Specific Elective (3 courses)	(4 + 1) x 3 = 15
Ability Enhancement Course (5 Courses)	(2 + 0) x 5 = 10
Skill Enhancement Course (2 Courses)	(2 + 0) x 2 = 4
Dissertation (1 Course)	6
Seminar (1 Course)	2
Internship (1 Course)	6
Additional Credit Courses (Optional)	Actual as per university notification
MOOC's Courses***	2-5
Total	**133**

Table 2: Structure of Courses

Semester	Core Courses (14)	GE (4)	DSE (4)	AEC (5)	SEC (2)	Seminar (1)	Dissertation (1)	Internship (1)	Additional Credit Courses (Optional)
I	C1 C2	GE1		AEC1	SEC1				
II	C3 C4	GE2		AEC2	SEC2				
III	C5 C6 C7	GE3		AEC3					
IV	C8 C9 C10	GE4		AEC4					
V	C11 C12		DSE1 DSE2	AEC5					
VI	C13 C14		DSE3			Seminar	Dissertation		
Summer								Internship	
MOOC's***									

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*** MOOC's courses should be offered at least one time during entire UG programme in lieu of Core Course. If the core is not available any course similar to Generic elective, Discipline specific elective, AEC course, Skill enhancement course may be offered on MOOC's platform. If any such course related to your subject is not available on MOOC's platform, department may continue with regular courses.

**** The BOS has authorised the chairperson to modify and update the curriculum as and when required and as per the guideline of the university.

Table 3: Template for Semester wise courses (suggestive)

Semester	Course	Course Code	Course Name	Credits	L/T/P
I	C1		Introductory Microeconomics	5	L-4, T-1
	C2		Mathematical Methods for Economics-I	5	L-4, T-1
	GE1		Introductory Microeconomics	5	L-4, T-1
	AEC1		From pool of Ability Enhancement Course (AEC-I)	2	L-2
	SEC1		From pool of Skill Enhancement Course (SEC-I)	2	L-2
	Additional Credit Course				
	Total			**19**	
II	C3		Introductory Macroeconomics	5	L-4, T-1
	C4		Mathematical Methods for Economics-II	5	L-4, T-1
	GE2		Introductory Macroeconomics	5	L-4, T-1
	AEC2		From pool of Ability Enhancement Course (AEC-II)	2	L-2
	SEC2		From pool of Skill Enhancement Course (SEC-II)	2	L-2
	Additional Credit Course				
	Total			**19**	
III	C5		Intermediate Microeconomics-I	5	L-4, T-1
	C6		Intermediate Macroeconomics-I	5	L-4, T-1

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	C7		Indian Economy-I	5	L-4, T-1
	GE3		Money & Banking	5	L-4, T-1
	AEC3		From pool of Ability Enhancement Course (AEC-III)	2	L-2
	Additional Credit Course				
	Total			**22**	
IV	C8		Intermediate Microeconomics-II	5	L-4, T-1
	C9		Intermediate Macroeconomics-II	5	L-4, T-1
	C10		Indian Economy-II	5	L-4, T-1
	GE4		Public Finance	5	L-4, T-1
	AEC4		From pool of Ability Enhancement Course (AEC-IV)	2	L-2
	Internship*			6	
	Additional Credit Course				
	Total			**22 + 6**	
V	C11		Statistical Methods for Economics	5	L-4, T-1
	C12		Development Economics-I	5	L-4, T-1
	DSE1		Economic History of India (1857-1947)	5	L-4, T-1
	DSE2		International Economics-I	5	L-4, T-1
	AEC5		From pool of Ability Enhancement Course (AEC-V)	2	L-2
	Additional Credit Course				
	Total			**22**	
VI	C13		Introductory Econometrics	5	L-4, T-1
	C14		Development Economics-II	5	L-4, T-1
	DSE3		International Economics-II	5	L-4, T-1
	Seminar			2	
	Dissertation/Project			6	
	Additional Credit Course				

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	Total			23	
MOOC's				2-5	

* May be offer during summer

*** MOOC's courses should be offered at least one time during entire UG programme in lieu of Core Course. If the core is not available any course similar to Generic elective, Discipline specific elective, AEC course, Skill enhancement course may be offered on MOOC's platform. If any such course related to your subject is not available on MOOC's platform, department may continue with regular courses.

**** The BOS has authorised the chairperson to modify and update the curriculum as and when required and as per the guideline of the university.

SEMESTER I

B.A. (Hons.) Economics, Semester-I, Core-I
Course: Introductory Microeconomics
Course Code:
Course Credit: (4+1)

INTRODUCTORY MICROECONOMICS

Course Objective
This course is designed to expose the students to the basic principles of microeconomic theory. The emphasis will be on thinking like an economist and the course will illustrate how microeconomic concepts can be applied to analyze real-life situations.

Course Outcomes
The course introduces the students to the first course in economics from the Perspective of individual decision making as consumers and producers. The students learn some basic principles of microeconomics, interactions of supply and demand, and characteristics of perfect and imperfect markets.

Course Outline

1. Exploring the subject matter of Economics
Meaning and Definitions of Economics, Importance, Scope and methods of studying Economics; The economic problem: scarcity and choice; The question of what to produce, how to produce and how to distribute.

2. Supply and Demand:
Determinants of individual demand/supply; demand/supply schedule and demand/supply curve; market versus individual demand/supply; shifts in the demand/supply curve, demand and supply together; elasticity of Demand and Supply and its application; consumer surplus.

3. The Households
The consumption decision - budget constraints, properties of indifference curves; income and substitution effects;

4. The Firm and Market Structures
Meaning, definitions, classifications of Markets; price and output determination under Perfect Competition, Monopoly and Monopolistic Competition

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Harsha
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Readings

1. Karl E. Case and Ray C. Fair, *Principles of Economics*, Pearson Education Inc., 8th Edition, 2007.
2. N. Gregory Mankiw, *Economics: Principles and Applications*, India edition by South Western, a part of Cengage Learning, Cengage Learning India Private Limited, 4th edition, 2007.
3. Joseph E. Stiglitz and Carl E. Walsh, *Economics*, W.W. Norton & Company, Inc., New York, International Student Edition, 4th Edition, 2007,H.L.Ahuja.

SEMESTER I

B.A. (Hons.) Economics, Semester-I, Core-2
Course: Mathematical Methods ~~in~~ Economics-I
Course Code: FOR
Course Credit: (4+1)

MATHEMATICAL METHODS ~~IN~~ FOR ECONOMICS–I

Course Outcomes

The course hones and upgrades the mathematical skills acquired in school and paves the way for the first semester course Mathematical Methods in Economics I. The analytical tools introduced in this course have applications wherever optimisation techniques are used in business decision-making. These tools are necessary for anyone seeking employment as an analyst in the corporate world. The course additionally makes the student more logical in making or refuting arguments.

Course Outline

Unit: 1
Variables, constants and parameters; Equations and Identities; Sets and Set operations;

Unit: 2
Relations and functions; types of functions: constant & polynomial functions; sequences and series: arithmetic & geometric progression

Unit: 3
The derivative and the slope of a curve; process of differentiation; derivatives of first and second order; condition of maxima and minima of a function

Unit: 4
Application of differentiation in economics-elasticity of demand, cost and revenues, conditions for profit maximization in perfect, monopoly & monopolistic competitions.

Unit: 5
Integration of function- Simple concepts, Consumer and Producer's surplus

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Harsha
31.12.21

Readings:

K. Sydsaeter and P. Hammond, *Mathematics for Economic Analysis*, Pearson Educational Asia: Delhi, 2002.

SEMESTER I

B.A. (Hons.) Economics, Semester-I, Generic Elective (GE-1)
Course: Introductory Microeconomics
Course Code:
Course Credit: (4+1)

INTRODUCTORY MICROECONOMICS

Course Objective
This course is designed to expose the students to the basic principles of microeconomic theory. The emphasis will be on thinking like an economist and the course will illustrate how microeconomic concepts can be applied to analyze real-life situations.

Course Outcomes
The course introduces the students to the first course in economics from the Perspective of individual decision making as consumers and producers. The students learn some basic principles of microeconomics, interactions of supply and demand, and characteristics of perfect and imperfect markets.

1. Exploring the subject matter of Economics
Meaning and Definitions of Economics, Importance, Scope and methods of studying Economics; The economic problem: scarcity and choice; The question of what to produce, how to produce and how to distribute.

2. Supply and Demand:
Determinants of individual demand/supply; demand/supply schedule and demand/supply curve; market versus individual demand/supply; shifts in the demand/supply curve, demand and supply together; elasticity of Demand and Supply and its application; consumer surplus.

3. The Households
The consumption decision - budget constraints, properties of indifference curves; income and substitution effects;

4. The Firm and Market Structures
Meaning, definitions, classifications of Markets; price and output determination under Perfect Competition, Monopoly and Monopolistic Competition

Readings

1. Karl E. Case and Ray C. Fair, *Principles of Economics*, Pearson Education Inc., 8th Edition, 2007.

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SEMESTER I

B.A. (Hons.) Economics, Semester-I, Ability Enhancement Course (AEC-1)
Course: NSS and Social Economic Development
Course Code: ECUATA1
Course Credit: (02)

NSS and Social Economic Development

Objectives: The main objectives of this course are:
1. To help learners know about environmental issues and disaster management.
2. To understand the role of entrepreneurship in social development.
3. To learn documentation and reporting.

Course Outcomes
Learners will learn to appreciate the concerns regarding the environment. They will have the background information to start a venture. They will also be able to prepare a socio-economic development plan.

UNIT 1: Environmental Issues
Natural Resource Management, Sustainable Development, Renewable & Non Renewable Resources, Environment & Development Trade-off;

UNIT 2: Disaster Management
Introduction; Definitions and types of disasters; Disaster Management, Role of NSS in disaster management; Civil defence & Disaster Management

UNIT 3: Entrepreneurship
Definition and meaning; Characteristics of Entrepreneurs; Types of Entrepreneurs
Types of Entrepreneurship; Entrepreneurs and the Economy;

UNIT 4: Funding a Venture
Sources of funding and formalities

Suggested Readings:
1. Biodiversity, Environment and Disaster Management by Shamna Hussain (Unique Publishers)
2. Environmental Studies by P K Pandey (Mahaveer Publications)
3. Fundamentals of Entrepreneurship by H Nandan (PHI)

Manisha given consent online
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Prof. Niti Jain

SEMESTER I

B.A. (Hons.) Economics, Semester-I, Skill Enhancement Course (SEC-1)
Course: Money and Financial Market
Course Code: ECUATL1
Course Credit: (02)

Money and Financial Market

Course Outcomes

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.

given consent online Manisha
BOS external member
prof. Niti Jain

31-12-2021

2. N. Gregory Mankiw, *Economics: Principles and Applications*, India edition by South Western, a part of Cengage Learning. Cengage Learning India Private Limited, 4th edition, 2007.
3. Joseph E. Stiglitz and Carl E. Walsh, *Economics*, W.W. Norton & Company, Inc., New York, International Student Edition, 4th Edition, 2007,H.L.Ahuja.

SEMESTER II

B.A. (Hons.) Economics, Semester-II, Core-3
Course: Introductory Macroeconomics
Course Code:
Course Credit: (4+1)

INTRODUCTORY MACROECONOMICS

Course Objective
This introduces students to the basic concepts of Macroeconomics. Macroeconomics deals with the aggregate economy. This course discusses the preliminary concepts associated with the determination and measurement of aggregate macroeconomic variable like GDP, savings, investment, money, inflation, and the balance of payments. It also introduces students to simple analytical frameworks (e.g., the IS-LM model) for determination of equilibrium output.
Course Learning Outcomes
This course aims to develop the broad conceptual frameworks which will enable students to understand and comment upon real economic issues like inflation, money supply, GDP and their inter linkages. It will also allow them to critically evaluate various macroeconomic policies in terms of a coherent logical structure.

Course Outline

1. Introduction to Macroeconomics and National Income Accounting
Basic issues studied in macroeconomics; measurement of gross domestic product; income, expenditure and the circular flow, balance of payments: current and capital accounts.

2. Money
Functions of money; quantity theory of money; determination of money supply and demand; credit creation; tools of monetary policy

3. Inflation
Types of inflation, causes and Impact of inflation

4. The Closed Economy in the Short Run
Classical and Keynesian systems; simple Keynesian model of income determination; IS-LM model; monetary multipliers

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.

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Prof. Niti Jain
31-12-2021

Manisha
31-12-21

4. Richard T. Froyen, *Macroeconomics*, Pearson Education Asia, 2nd edition, 2005.
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.

SEMESTER II

B.A. (Hons.) Economics, Semester-II, Core-4
Course: Mathematical Methods in Economics-II
Course Code: 508
Course Credit: (4+1)

MATHEMATICAL METHODS IN ECONOMICS - II

Course Outcomes

The course provides the mathematical foundations necessary for further study of a variety of disciplines including postgraduate economics, statistics, computer science, finance and data analytics. The analytical tools introduced in this course have applications wherever optimization techniques are used in business decision-making for managers and entrepreneurs alike. These tools are necessary for anyone seeking employment as an analyst in the corporate world.

Course Outline

Unit: 1
Linear Programming: Graphical solution and its application in economics, Duality

Unit: 2
Matrix: various types, addition and subtraction, multiplication of matrix.

Unit: 3
Determinants, singular matrix, inverse of a matrix, solution of simultaneous equations through crammer's rule.

Unit: 4
Game theory-simple and mixed strategy, saddle point solution, prisoner's dilemma

Readings:
K. Sydsaeter and P. Hammond, *Mathematics for Economic Analysis*, Pearson Educational Asia: Delhi, 2002.

SEMESTER II

B.A. (Hons.) Economics, Semester-II, Generic Elective (GE-2)
Course: Introductory Macroeconomics
Course Code:
Course Credit: (4+1)

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Prof. Niti Jain
31-12-2021

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INTRODUCTORY MACROECONOMICS

Course Objective

This introduces students to the basic concepts of Macroeconomics. Macroeconomics deals with the aggregate economy. This course discusses the preliminary concepts associated with the determination and measurement of aggregate macroeconomic variable like GDP, savings, investment, money, inflation, and the balance of payments. It also introduces students to simple analytical frameworks (e.g., the IS-LM model) for determination of equilibrium output.

Course Learning Outcomes

This course aims to develop the broad conceptual frameworks which will enable students to understand and comment upon real economic issues like inflation, money supply, GDP and their inter linkages. It will also allow them to critically evaluate various macroeconomic policies in terms of a coherent logical structure.

Course Outline

1. Introduction to Macroeconomics and National Income Accounting

Basic issues studied in macroeconomics; measurement of gross domestic product; income, expenditure and the circular flow, balance of payments: current and capital accounts.

2. Money

Functions of money; quantity theory of money; determination of money supply and demand; credit creation; tools of monetary policy

3. Inflation

Types of inflation, causes and Impact of inflation

4. The Closed Economy in the Short Run

Classical and Keynesian systems; simple Keynesian model of income determination; IS-LM model; monetary multipliers

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. Richard T. Froyen, *Macroeconomics*, Pearson Education Asia, 2nd edition, 2005.
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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4. Richard T. Froyen, *Macroeconomics*, Pearson Education Asia, 2nd edition, 2005.
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.

SEMESTER II

B.A. (Hons.) Economics, Semester-II, Core-4
Course: Mathematical Methods in Economics-II
Course Code: For
Course Credit: (4+1)

MATHEMATICAL METHODS IN ECONOMICS - II

Course Outcomes

The course provides the mathematical foundations necessary for further study of a variety of disciplines including postgraduate economics, statistics, computer science, finance and data analytics. The analytical tools introduced in this course have applications wherever optimization techniques are used in business decision-making for managers and entrepreneurs alike. These tools are necessary for anyone seeking employment as an analyst in the corporate world.

Course Outline

Unit: 1
Linear Programming: Graphical solution and its application in economics, Duality

Unit: 2
Matrix: various types, addition and subtraction, multiplication of matrix.

Unit: 3
Determinants, singular matrix, inverse of a matrix, solution of simultaneous equations through crammer's rule.

Unit: 4
Game theory-simple and mixed strategy, saddle point solution, prisoner's dilemma

Readings:
K. Sydsaeter and P. Hammond, *Mathematics for Economic Analysis*, Pearson Educational Asia: Delhi, 2002.

SEMESTER II

B.A. (Hons.) Economics, Semester-II, Generic Elective (GE-2)
Course: Introductory Macroeconomics
Course Code:
Course Credit: (4+1)

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INTRODUCTORY MACROECONOMICS (GE-II)

Course Objective

This introduces students to the basic concepts of Macroeconomics. Macroeconomics deals with the aggregate economy. This course discusses the preliminary concepts associated with the determination and measurement of aggregate macroeconomic variable like GDP, savings, investment, money, inflation, and the balance of payments. It also introduces students to simple analytical frameworks (e.g., the IS-LM model) for determination of equilibrium output.

Course Learning Outcomes

This course aims to develop the broad conceptual frameworks which will enable students to understand and comment upon real economic issues like inflation, money supply, GDP and their inter linkages. It will also allow them to critically evaluate various macroeconomic policies in terms of a coherent logical structure.

Course Outline

1. Introduction to Macroeconomics and National Income Accounting

Basic issues studied in macroeconomics; measurement of gross domestic product; income, expenditure and the circular flow, balance of payments: current and capital accounts.

2. Money

Functions of money; quantity theory of money; determination of money supply and demand; credit creation; tools of monetary policy

3. Inflation

Types of inflation, causes and Impact of inflation

4. The Closed Economy in the Short Run

Classical and Keynesian systems; simple Keynesian model of income determination; IS-LM model; monetary multipliers

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. Richard T. Froyen, *Macroeconomics*, Pearson Education Asia, 2nd edition, 2005.
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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SEMESTER II

B.A. (Hons.) Economics, Semester-II, Ability Enhancement Course (AEC-II)
Course: NSS and Youth Development
Course Code: ECUBTA2
Course Credit: (02)

NSS and Youth Development

Objectives: The main objectives of this course are:

1. To help learners know about NSS in the context of youth, community andvoluntary service.
2. To appreciate the importance of health, hygiene and sanitation for a healthy nation.
3. To propagate Yoga as a way of healthy living.

Course Outcome:

Learners will have the knowledge about NSS and its role in the fields of health, hygiene and sanitation so as to build a strong country. They will be able to use Yoga for healthy living.

Course Outline

Unit 1: Introduction to NSS

History, philosophy, aims and objectives of NSS; Organization of NSS, Funding; Regular Activities; Special Camping; Adopted village; NGOs

Unit 2: Health, Hygiene and Sanitation

Importance of health, hygiene and sanitation; Various Govt.programmes

Unit 3: Youth Health

Healthy lifestyles; HIV/AIDS, drugs and substance use; Firstaid

Unit 4: Youth and Yoga

History and philosophy of yoga; Yoga for healthy living

Suggested Readings:

1. National Youth Policy Document.
2. National Service Scheme - A Youth Volunteers Programme For Under Graduate Students As Per UGC Guidelines by J D S Panwar, A K Jain & B K Rathi (Astral).
3. Communication Skills by N Rao& R P Das (HPH).
4. Light on Yoga by B K Iyenger (Thorsons).

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SEMESTER II

B.A. (Hons.) Economics, Semester-II, Skill Enhancement Course (SEC-II)
Course: Environmental Economics
Course Code: ECUBTL2
Course Credit: (02)

ENVIRONMENTAL ECONOMICS

Course Outcomes

This course focuses on economic causes of environmental problems. In particular, economic principles are applied to environmental questions and their management through various economic institutions, economic incentives and other instruments and policies. Economic implications of environmental policy are also addressed as well as valuation of environmental quality, quantification of environmental damages, tools for evaluation of environmental projects such as cost-benefit analysis and environmental impact assessments. Selected topics on international environmental problems are also discussed.

Course Outline

1. Introduction
What are environmental economics; Importance and Scope of Environmental Economics.

2. Pollution
Types of Pollution - Soil, Air, and Water, Problems and Prospects of different pollution.

3. The Design and Implementation of Environmental Policy
Overview: Implementation of environmental policy.

4. International Environmental Problems
Environmental problems; economics of climate change;

5. Disaster Management and Sustainable Development
Meaning and Importance of Disaster Management, Process and effects on environment,

Readings:

1. Charles Kolstad, *Intermediate Environmental Economics*, Oxford University Press, 2nd edition, 2010.
2. Robert N. Stavins (ed.), *Economics of the Environment: Selected Readings*, W.W. Norton, 5th edition, 2005.
3. Roger Perman, Yue Ma, James McGilvray and Michael Common, *Natural Resource and Environmental Economics*, Pearson Education/Addison Wesley, 3rd edition, 2003.
4. Maureen L. Cropper and Wallace E. Oates, 1992, -Environmental Economics: A Survey,‖ *Journal of Economic Literature*, Volume 30:675-740.

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