



BANGALORE UNIVERSITY

Department of Higher Education, Government of Karnataka

Curriculum Framework and Fifth and Sixth Semester Economics Syllabus and modifications in Third and Fourth Semester of Undergraduate Programme in Bangalore University under NEP 2020.



Economics

5th and 6th Semester Syllabus for

BA in Economics

AS PER NEP -2020

With Effect from Academic Year 2023-24
Onwards

Bangalore University, Jnana Bharathi, Bengaluru

Dear Fellow Teacher

There are two models A1 and A3, out of which one has to be followed.

Economics as a Major Core Subject;

In case if, A1 is followed for fifth and sixth semesters, there will be one major core subject, in our case, it will be economics in the fifth and sixth semesters. In each of these semesters, there will be four discipline-specific (economics) compulsory papers which will be of four credits each, one discipline (economics) specific elective which will be of three credits, one Vocational paper in economics which is of three credits and one Skill Enhancement Course which is of two credits.

Two Major core Subjects with Economics as one of it;

In case if, A3 is followed there will be two major core subjects in third Semester, in our case, one will be economics in the fifth and sixth semesters and the other will be of their chosen choice say Political Science / History/ Sociology. In each of these semesters, there will be three discipline-specific papers each of four credits from the economics and other chosen subjects and one Skill Enhancement Course which is of two credits.

In view of enhancing the skills and employability of the students, every Module is given a practicum, kindly follow in to. Kindly see that students will get theoretical as well as practical knowledge of economics.

In the BU BOS (UG) Economics meeting held on 22-8-2023, taking cognise of the teacher's and student's request, as well as other universities syllabus in Karnataka, the BOS members unanimously opined that for BA Honours DSC-C6.1 and DSC-C6.2 papers should be given a choice so that students can choose one.

After deliberations, it was decided that DSC- C6.1 would be Mathematics for Economics and DSC-C6.2 would be Agriculture Economics, DSC-C8.1 would be Statistics for Economics, and DSC-C8.2 would be Monetary Economics so that students could opt for one of them each semester.

Despite this, teachers are requested to motivate the students to take Mathematics for Economics in the third Semester and Statistics for Economics in the fourth Semester.

- S.R.Keshava

Acknowledgement

The Chairperson and Members thank Honourable Vice-Chancellor Dr. Jayakar S M for the opportunity provided to serve in BOS and other officials of the University for providing the logistics.

BOS Members	
Dr.S.R.Keshava	Chairperson
Dr. Shuba Ramesh	Member
Dr.Shylaja M.G	Member
Dr.Ramakrishna	Member
Dr.B.V.Sudha	Member
Dr.Gayathri Devi	Member
Captain R Raghavendra Rao	Member
Dr. R.Rathnamma	Member
Dr.Pushpa B	Member
Prof.Muniraju.M.R	Member

Listing of Courses from I to VI Semesters of BA for the Four-Year Undergraduate Program (FYUGP) in ECONOMICS

Sem. No.	Course Category	Course Code	Course Title	Credits Assigned	Instructional hours per week		Duration of Exam (Hrs.)	Exam/ Evaluation Pattern (Marks)		
					Theory	Practical		IA	Exam	Total
I	DSC	ECO C1	Basic Economics –I	3	3		2.30	40	60	100
		ECO C2	Contemporary Indian Economy	3	3		2.30	40	60	100
II	DSC	ECO C3	Basic Economics -II	3	3		2.30	40	60	100
		ECO C4	Karnataka Economy	3	3		2.30	40	60	100
III	DSC	ECO C5	Micro Economics	3	3		2.30	40	60	100
		ECO C6	Mathematical Economics/Agriculture Economics	3	3		2.30	40	60	100
IV	DSC	ECO C7	Macro Economics	3	3		2.30	40	60	100
		ECO C8	Statistics for Economics / Monetary Economics	3	3		2.30	40	60	100
V	DSC	ECO C9	Public Economics	4	4		2.30	40	60	100
		ECO C10	Development Economics	4	4		2.30	40	60	100
		ECO C11	Human Resource Management	4	4		2.30	40	60	100
		ECO C12	Indian Banking and Finance	4	4		2.30	40	60	100
	DSE	ECO E1 (Anyone to be chosen)	A. Economics of GST B. Economics of Insurance C. Rural Economics D. Economics of Marketing	3	3		2.30	40	60	100
Vocational	ECO V1 (Anyone to be chosen)	A. Entrepreneurial Economics B. Digital Economics C. Economics of Dairy Farming	3	3		2.30	40	60	100	
VI	DSC	ECO C13	International Economics	4	4		2.30	40	60	100
		ECO C14	Indian Public Finance	4	4		2.30	40	60	100
		ECO C15	Economic Thoughts of Dr.B.R Ambedkar	4	4		2.30	40	60	100
		ECO C16	Economics of Environment	4	4		2.30	40	60	100
	DSE	ECO E2 (Anyone to be chosen)	A. Industrial Economics B. Labour Economics C. Welfare Economics	3	3		2.30	40	60	100

			D. Economics of Non-Farm Sector							
	Vocational I	ECO V2 (Anyone to be chosen)	A. Micro Entrepreneurs Development B. Project, Planning & Management	3	3		2.30	40	60	100

A1: Undergraduate Programme with two core subjects without practicals in the first two years and one Major Subject (Economics) in the third year.

A1 Curriculum and Credit Framework for the B.A Programme with two core subjects without practicals in the first two years and one Major (Economics) in the third year

Sem.	Discipline Specific - Core (DSC), Elective (DSE) Courses (Credits) (L+T+P)		Vocational Courses(Credits) (L+T+P)	Skills Enhancement Courses (SEC) (Credits) (L+T+P)/ Value Added Courses (Credits) (L+T+P) (common for all UG Programs)/	Total Credits
V	DSC - 9	Public Economics (4),	Vocational -1(3) Choose one 1)Entrepreneurial Economics 2)Digital Economics 3)Economics of Dairy Farming	SEC-4: Cyber Security (2)/ Soft skills and Communication Skills (1+0+2)	24
	DSC - 10	Development Economics (4),			
	DSC - 11	HRM (4),			
	DSC- 12 A	Indian Banking Finance (4)			
	DSE-E1, (Choose Anyone) (3)	1)Eco of GST, 2)Eco of Insurance 3)Rural Economics 4)Economics of Marketing			
VI	DSC- 13	International Economics (4),	Vocational-2(3), Choose One 1)Micro Entrepreneurs Development 2)Project, Planning & Management	SEC-5: General Aptitude (2) (1+0+2) / Internship (2)	24
	DSC -14	Indian Public Finance (4),			
	DSC-15	Economic Thoughts Dr. B.R Ambedkar (4),			
	DSC 16	Economics of Environment (4);			
	DSE-E2 (Choose Anyone) (3)	1)Industrial Economics 2)Labour Economics 3)Factor Pricing and Welfare Economics 4) Economics of Non-Farm Sector			

A1: Curriculum and Credit Framework for the BA Program with two core subjects without practicals in the first two years and one Major (Economics) in the third year

Sem. No.	Course Category	Course Code	Course Title	Credits Assigned	Instructional hours per week		Duration of Exam (Hrs.)	Exam/ Evaluation Pattern (Marks)		
					Theory	Practical		IA	Exam	Total
V	DSC	ECO C9	Public Economics	4	4		2.30	40	60	100
		ECO C10	Development Economics	4	4		2.30	40	60	100
		ECO C11	Human Resource Management	4	4		2.30	40	60	100
		ECO C12	Indian Banking and Finance	4	4		2.30	40	60	100
	DSE	ECO E1 (Anyone to be chosen)	A. Economics of GST B. Economics of Insurance C. Rural Economics D. Economics of Marketing	3	3		2.30	40	60	100
	Vocational	ECO V1 (Anyone to be chosen)	A. Entrepreneurial Economics B. Digital Economics C. Economics of Dairy Farming	2+1	2	1	2.30	50	50	100
	VI	DSC	ECO C13	International Economics	4	4		2.30	40	60
ECO C14			Indian Public Finance	4	4		2.30	40	60	100
ECO C15			Economic Thoughts of Dr.B.R Ambedkar	4	4		2.30	40	60	100
ECO C16			Economics of Environment	4	4		2.30	40	60	100
DSE		ECO E2 (Anyone to be chosen)	A. Industrial Economics B. Labour Economics	3	3		2.30	40	60	100
			C. Factor Pricing and Welfare Economics D. Economics of Non-Farm Sector				2.30			
Vocational 1		ECO V2 (Anyone to be chosen)	A. Micro Entrepreneurs Development B. Project, Planning & Management	2+1	2	1	2.30	50	50	100

A3: Undergraduate Programme with two core subjects without practical's in the first two years and two Major (one of the major is Economics, out of two Major Subjects) in the third year.

A3. Curriculum and Credit Framework for BA Programme with two core subjects without practicals in the first three years.

Sem.	Discipline Specific - Core (DSC), DSC1: Economics		Discipline Specific Core DSC2: Pol.Sc or Hist or Soci	Skills Enhancement Courses (SEC)/ (Value Added Courses for all UG Programs)	Total Credits
V	DSC-9	Public Economics (4),	DSC- B9(4), DSC- B10(4), DSC- B11(4),	SEC-4: Cyber Security (2)/ Soft skills and Communication Skills (1+0+2)	26
	DSC 10,	Dept. Economics(4),			
	DSC 11	HRM (4),			
VI	DSC-12	Indian Banking Finance (4)	DSC-B12(4), DSC- B13(4), B14(4),	SEC-5: General Aptitude (2) (1+0+2) / Internship (2)	26
	DSC-13	International Economics (4),			
	DSC-14	Indian Public Finance (4),			

A3: Curriculum and Credit Framework for the BA Program with two core subjects without practicals in the first three years

Sem. No.	Course Category	Course Code	Course Title	Credits Assigned	Instructional hours per week		Duration of Exam (Hrs.)	Exam/ Evaluation Pattern (Marks)		
					Theory	Practical		IA	Exam	Total
V	DSC	ECO C9	Public Economics	4	4		2.30	40	60	100
		ECO C10	Development Economics	4	4		2.30	40	60	100
		ECO C11	Human Resource Management	4	4		2.30	40	60	100
VI	DSC	ECO C12	Indian Banking and Finance	4	4		2.30	40	60	100
		ECO C13	International Economics	4	4		2.30	40	60	100
		ECO C14	Indian Public Finance	4	4		2.30	40	60	100

Formative Assessment

Pedagogy: Classroom lectures, tutorials, Problem-solving exercises, seminars, presentations, activities, group discussions, field visits, project work, etc.,

Formative Assessment	
Assessment Occasion/ type	Weightage in Marks
Internal Test	50%
Assignment	20%
Presentation/ Project	30%
Total	100
<i>Formative Assessment as per NEP guidelines are compulsory</i>	

Note: Strictly follow the Practicum

Pedagogy; Evaluation process IA MARKS

FORMATIVE ASSESSMENT			
	C1	C2	Total
Assessment Occasion/type			
Internal Test	10	10	20
Assignment/seminar	5	-	05
Quiz/GD	5	-	05
Presentation/Project etc	-	10	10
Total	20	20	40
Semester End Exam Theory			60

Note: Strictly follow the Practicum

Question Paper Pattern for 60 Marks for BA/B.Sc. in Economics (DSC, DSEC & OEC) Section A

Section A (objective type/multiple choice)

Answer any ten of the following out of 12 questions (1X10 = 10),

1.

- a)
- b)
- c)
- d)
- e)
- f)
- g)
- h)
- i)
- j)
- k)
- l)

Section B (Questions for testing the knowledge of theories and application)

Answer any **six** of the following out of 8 questions (5X6=30)

- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.

Part C (Questions for testing the critical ability of understanding)

Answer any two of the following out of 4 questions (10 X2=20)

- 10.
- 11.
- 12.
- 13.

BA Honours
In
Economics
5th & 6th Semester

**BANGALORE UNIVERSITY,
JNANA BHARATHI,
BENGALURU**

BA–ECONOMICS
Vth SEMESTER

Program Name	BA in Economics	Semester	Fifth Semester
Course Title	Public Economics		
Course Code:	ECO C9	No. of Credits	4
Contact hours	60 Hours	Duration of SEA/Exam	2.30
Formative Assessment Marks	40	Summative Assessment Marks	60

Course Outcomes (COs): After the successful completion of the course, the student will be able to:

CO1. Understand introductory Public Finance concepts.

CO2. Study the causes of market failure and corrective actions

CO3. Understand the impact, incidence and shifting of tax

CO4. Study the Economic Effects of tax on production, distribution and other effects

CO5. Enable the students to know the Principles and Effects of Public Expenditure

CO6. Understand the Economic and functional classification of the budget; Balanced and Unbalanced budget

CO7. Understand the Burden of Public debt and know the Classical/ Ricardian views, Keynesian and post-Keynesian views

CO8. To acquaint with the advantages and disadvantages of Deficit Financing,

MODULES	DESCRIPTION	60 Hours
Module I	Introduction to Public Economics	15
	Public Economics: Meaning, definitions, Scope and Significance, Public Finance and Private Finance: Meaning, and Distinction; Public good and private good: Meaning, Characteristics, and Distinction, Principle of Maximum Social Advantage, Market Failures: Meaning, causes-role of externalities; Market failure and role of government; Corrective actions.	
Practicum	Group Discussions on Public Finance and private finance; public good and private good Assignment on Market failure and government intervention	
Module II	Public Revenue and Public Expenditure	18
	Meaning and sources of revenue; Taxation –Cannons of taxation, Characteristics of a sound tax system, Impact, Incidence- Division of Tax burden, Shifting of tax, Economic Effects of tax on production, distribution and other effects, Progressive and Regressive, Proportional Tax, Direct and Indirect Taxes –Merits and Demerits, Taxable Capacity: Meaning and determinants. Public Expenditure; Meaning, classification, principles, Types & Cannons, Reasons for the growth of public	

	expenditure, Wagner's law of increasing state activities, Peacock-Wiseman hypotheses, Effects of public expenditure: Production, Distribution & Other effects	
Practicum	Mini-project/study to ascertain the impact of GST on retailers/wholesalers in your vicinity A case study on the taxable capacity of the different sections of society in the vicinity Assignment on Effects of public expenditure: Production, Distribution & Other Effects	
Module III	Public Debt	12
	Public Debt: Meaning, Purpose, Types & Effects; Sources of Public Borrowing; Burden of Public Debt -Classical/ Ricardian views, Keynesian and post-Keynesian views; Intergenerational equity of public debt; Causes of the Rise in Public Debt; Methods of debt redemption; Debt management.	
Practicum	Studying the burden of public debt through a project/ case study Assignment on Debt Management	
Module IV	Public Budget, Fiscal Policy and Fiscal Deficit	15
	Budget: Meaning, process & Types of budget, Economic and functional classification of the budget; Balanced and unbalanced budget, Types of Budget Deficits; Fiscal Policy: Meaning, objectives & Tools; Fiscal deficit: Meaning, Computation, Deficit Financing: Meaning, Advantages and Disadvantages	
Practicum:	Calculation of various types of budget deficit using the budget data Group discussion on the advantages and disadvantages of deficit financing	

References	
1	Lekhi R.K., Joginder Singh (2018) Public Finance, Kalyani publication, New Delhi
2	Tyagi B.P. (2014) Public Finance published by Jaya Prakash Nath and CO, Meerut
3	Hindriks J. and G. Myles (2006): Intermediate Public Economics, MIT Press.
4	Bhatia H L (2018): Public Finance. Vikas Publishing House.
5	Musgrave, R.A. (1989), The Theory of Public Finance, McGraw Hill
6	Musgrave, R.A. and P.B. Musgrave (1989), Public Finance in Theory and Practice, McGrawHill,

BA–ECONOMICS Vth SEMESTER

Program Name	BA in Economics	Semester	Fifth Semester
Course Title	Development Economics		
Course Code:	ECO C10	No. of Credits	4
Contact hours	60 Hours	Duration of SEA/Exam	2.30
Formative Assessment Marks	40	Summative Assessment Marks	60

Course Outcomes (COs): After the successful completion of the course, the student will be able to:

- CO1. Understand the basic concepts and measurements of Development.
- CO2. Learn some classical and partial theories of Development economics and identify the difference.
- CO3. Identify the difference between Developed and Developing Countries.
- CO4. Analyse and tackle the Development issues effectively.

MODULES	DESCRIPTION	60 Hrs
Module 1	Introduction to Economic Development	14
	<p>Concept - Definitions - Distinction between Economic Growth and Development - Indicators of Growth and Development, Measures of Economic Development: Gross National Product (GNP) - Physical Quality of Life Index (PQLI), Human Development Index (HDI), Happiness Index, Inequality and Poverty: Meaning, causes, indicators - Gini Coefficient Index, Human Poverty Index (HPI).</p>	
Practicum:	Assignment on various indicators of growth and development Group discussions about the characteristic features of different countries and their development levels	
Module 2	General Theories of Economic Growth and Development	16
	<p>Adam Smith's Theory, David Ricardo's Theory, T.R. Malthus's Theory, Karl Marx's Theory, Schumpeter's Theory and Rostow's Growth Theory - Harrod-Domar Model.</p>	
Practicum:	Assignment on different theories and their relevance to developing Countries, Debate on present stage of India's growth and estimated stage it may reach by 2047	
Module 3	Partial Theories of Economic Development	16
	<p>Lewis Labour Surplus Model - Rodan's Big Push Theory - Lieberstein's Critical Minimum Effort Approach - Balanced Vs. Unbalanced Growth, Factors in the Development Process Capital Accumulation - Capital-Output Ratio - Technology and Economic Development.</p>	

Practicum:	Group Discussion on Balanced and unbalanced growth strategies in Developed and developing countries Assignment on the Factors in the Development Process Capital Accumulation
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Module 4	Sustainable Development	14
	Inclusive Development - Millennium Development Goals - Sustainable Development Goals, Targets and Achievements with reference to India.	
Practicum	Seminar on MDGs and SDGs and the challenges	

References	
1	Higgins Benjamin & W.W. Norton Economic Development New York & Company.Inc.
2	Mishra S.K and Puri V.K, Economic Development and Planning, Himalaya Pub., House, Mumbai.
3	Taneja M.L. and Meier G. M, Economics of Development and Planning, S. Chand and Co, Delhi.
4	Thirlwall A.P. Growth and Development: With Special Reference to Developing Economies, Palgrave Macmillan, New York.
5	Todoaro. M.P & Orient Longman Economic Development in the Third World, United Kingdom
6	Sustainable Development Reports

BA–ECONOMICS
Vth SEMESTER

Program Name	BA in Economics	Semester	Fifth Semester
Course Title	Economics of Human Resource Management		
Course Code:	ECO C11	No. of Credits	4
Contact hours	60 Hours	Duration of SEA/Exam	2.30
Formative Assessment Marks	40	Summative Assessment Marks	60

Course Outcomes (COs): After the successful completion of the course, the student will be able to:

- CO1. Understand the meaning, nature, scope and value of the contemporary approach to human resource management with reference to Economics.
- CO2. To describe an organisation of a human resource management functionary in an establishment, and to identify attributes of a successful personnel manager.
- CO3. To impart knowledge and techniques in human resource planning, Job-Analysis, and Job-Design.
- CO4. To explain various methods of recruitment, selection, induction and placement.
- CO5. To develop the importance and methods adopted for training and development of employees in two days environment in the workplace.

MODULES	DESCRIPTION	60 Hours
Module I	Introduction to Human Resource Management	15 hrs
	Human Resource Management: Concept, Nature, scope, objectives, importance, functions of Human Resource Management with reference to Economics; Organization of personnel department, Qualities of Personnel Manager, role of Personnel Manager, Status of Personnel Manager; Characteristics of a Human Resource Manager, HRD - Responsibility of managers.	
Practicum	Group Discussions on Human Resource Management as a Profession. Assignment on Qualities of Personnel Manager	
Module II	Procurement of Human Resources	15 hrs
	Human Resource Planning – Concept and objectives, importance, process, problems and guidelines; Job Design and Analysis: Concept, process, job description and job specification; Recruitment and Selection Meaning and process of recruitment, recruitment policy and organization, sources and techniques of recruitment, meaning and process of selection.	
Practicum	Assignment on recruitment and selection Group discussion on Techniques of Recruitment	
Module III	Training and Job Evaluation	15 hrs

	Training: Concept, objectives, importance; identifying training needs. Designing training programmes, methods of training, evaluating training effectiveness, retraining Concept, process and objectives of job evaluation, advantages and limitations, essentials of successful job evaluation, methods of job evaluation, Wage and Salary Administration. Objectives and principles, essentials of sound wage structure, factors affecting wages, methods of wage payment, and wage policy in India, executive compensation.	
Practicum	Project on training and job evaluation	
Module IV	Performance Appraisal	15 hrs
	Performance appraisal: Concept, objectives, uses, process, problems, essentials, methods and techniques, appraisal, interview, Transfers, promotions and separations. Purpose of job changes, concept and objectives of transfers. Types of transfer, transfer policy, concept and basis of promotion, promotion policy, demotion, types of separations.	
Practicum	Seminar on transfers and promotions Group discussion on Performance appraisal	

References	
1	Koontz, Weirich & Aryasri, (2004) Principles of Management , Tata McGraw-Hill, NewDelhi,.
2	Tripathi & Reddy, (2008) Principles of Management , Tata McGraw-Hill, New Delhi, Laurie
3	Meenakshi Gupta, (2009) Principles of Management , PHI Learning, NewDelhi,
4	Gupta (2016), Human resource Management . S Chand Publisher. new delhi
5	Aswathappa K. (2020) Human resource Management , Tata Mc Graw Hill Publishing Co. Ltd.
6	Prasad L. M, (2017) Organisational Behaviour , S. Chand Publishers, New Delhi.

BA–ECONOMICS
Vth SEMESTER

Program Name	BA in Economics	Semester	Fifth Semester
Course Title	Indian Banking and Finance		
Course Code:	ECO C12	No. of Credits	4
Contact hours	60 Hours	Duration of SEA/Exam	2.30
Formative Assessment Marks	40	Summative Assessment Marks	60

Course Outcomes (COs): After the successful completion of the course, the student will be able to:

- CO1. Understand the structure of Indian banking and the role of banks in monetary policy.
- CO2. Analyze the functioning of banks and different types of accounts and other services offered by banks.
- CO3. Evaluate recent developments in the Indian banking sector, including digital banking, payment banks, and non-performing assets.
- CO4. Describe the overview of the Indian financial system, including financial markets, financial instruments, and financial regulation.
- CO5. Analyze the challenges faced by Indian banks and the implications of banking reforms for the Indian economy.
- CO6. Develop critical thinking and analytical skills in evaluating various financial products and services banks and capital markets offer.

MODULES	DESCRIPTION	60 Hours
Module I	Introduction to banking: India	15
	Indian Banks: Evolution, structure, functions, types and features- Public sector, private sector, foreign, Cooperative, RRB, Small finance banks, payment banks; Role and importance of banks in the Indian economy; Credit creation and financial intermediation; Central Bank and banking regulation; Regulatory and supervisory powers; Monetary policy and banking channel of credit control; Policy rates and banking; repo, reverse repo, MCLR, Bank rate, CRR, SLR, MSF; Issues in banking sector; NPA crisis; impact of global events on Indian banks.	
Practicum	Compare and contrast the different types of banks, highlighting their strengths and weaknesses- Presentation. Conduct a class discussion and compare and contrast the different scenarios on various loans, highlighting the risks involved and the measures taken by banks to manage these risks.	
Module II	Banking services	15

	Banking services: Bank deposits; Types and features of bank accounts; account opening and importance of KYC; Bank loans; types, features, documents required; eligibility, interest rates, maturity, loan default and consequences; Other services: Locker facility, payment and remittance services and channels; currency exchange; debit cards, credit cards, pre- paid cards; ATMs; internet and mobile banking; Modern banking products: Insurance on deposits and loans, Investment services in capital market- stocks, bonds and mutual funds; advisory services; retirement products.	
Practicum	Group discussion on bank accounts and loan products and making recommendation to different classes Comparison of banking services by visiting bank branches	
Module III	Modern Banking	15
	Modern banking facilities; Digital banking; Digital Wallets; Digital account opening; Biometrics; contact less payment system; instant payments; personal finance management tools; Use of artificial intelligence and machine learning in banks; Cyber security in banking; Credit scoring; Direct lending; Corporate banking; Investment Banking	
Practicum:	Survey bank customers to understand their usage and satisfaction levels with digital banking services. Analyze the adoption rates of digital banking services across different age groups and demographic segments	
Module IV	Financial Market	15
	Introduction to Indian financial markets; Equity markets and stock exchanges; Debt markets and bond markets; Currency markets and forex trading; Commodity markets and trading; Derivatives markets; Mutual funds; Insurance products Investing in capital market products- access, channels; risk in capital market investments; Role of SEBI, Fintech and innovation in capital markets;	
Practicum	Debate: Investing in capital market products. Assignment on Indian financial markets	

References	
1	Khan, M. Y. (2019). Indian Financial System (11th ed.). McGraw Hill Education (India) Private Limited.
2	RBI (2022) report on the trend and Progress of Banking in India
3	Pathak, B. V. (2018). Indian financial system. Pearson Education
4	Principles and Practices of Banking (2023), Indian Institute of Banking & Finance (IIBF), MacMillian
5	Shekhar, K. C. & Shekhar, L. (2013). Banking Theory and Practice, 21st Edition
6	Taxman's Digital Banking, Indian Institute of Banking & Finance (IIBF), Bharati Law House
7	Reserve Bank of India. (2017). Basic Financial Literacy Guide.

	https://www.rbi.org.in/Scripts/BS_FlgGuidelines.aspx
8	Securities and Exchange Board of India. (2021). Handbook of Statistics on Indian Securities Market. https://www.sebi.gov.in/reports-and-statistics/publications/dec-2022/handbook-of-statistics-2021_66158.html
9	Financial Education Handbook (2021) National Centre for Financial Education (NCFE) https://www.ncfe.org.in/resources/downloads
10	Investor Education material by National Stock Exchange (https://www.nseindia.com/invest/how-to-invest-in-capital-market)

BA–ECONOMICS
Vth SEMESTER

Program Name	BA in Economics	Semester	Fifth Semester
Course Title	Economics of GST		
Course Code:	ECO E1A	No. of Credits	3
Contact hours	45 Hours	Duration of SEA/Exam	2.30
Formative Assessment Marks	40	Summative Assessment Marks	60

Course Outcomes (COs): After the successful completion of the course, the student will be able to:

- CO1. Understand the indirect tax structure in India and challenges
- CO2. Develop an informed view on the rationale of choosing Goods and Services Tax.
- CO3. Understand the GST laws, tax slabs, GST council and the framework of implementation
- CO4. Demonstrate ability to explain time of supply, place of supply and value of supply
- CO5. Analyze the concept of input tax credit and valuation of supply with examples
- CO6. Explain the GST registration process and GST filing procedure

MODULES	DESCRIPTION	45 Hours
Module I	Indirect Taxes and GST	15
	Indirect taxation before GST- Introduction to Indirect Taxes: Meaning and Features, Types of Indirect Taxes in India: Excise Duty, VAT, Service Tax, etc., VAT types and methods, Drawbacks of the existing Indirect Tax System; Introduction to Goods and Services Tax, Rationale and Key Features for GST, Experience from uniform tax structure in other countries, Advantages and disadvantages of GST framework	
Practicum:	Discussions on the limitation of tax structure before introduction of GST. Assignments on GST tax collection since introduction at state-level Explain the differences between the old tax system and GST, and how the GST system has impacted the economy of India.	
Module II	Fundamentals of GST	15
	Structure of GST in India- Central GST, State GST, UTGST; Integrated GST, Subsuming of Taxes, GST Rate Structure in India; Levy and Collection of GST, Discussion on definition of goods, service, supply: Supply under GST and types of supply: taxable, exempt, zero-rated, and non-taxable, Time of supply, place of supply and valuation of supply: transaction value, open market value, and other methods, Input tax credit with illustration.	
Practicum:	Identify the different types of supply and the valuation methods used under GST for a specific product. Assignment on computing the value of supply or input tax credit for a given scenario and explain how the time and place of supply affect the tax liabilities under GST	
Module III	GST Compliance	15

	GST framework- GST Registration: eligibility, procedure, and threshold limits, exemptions, GST Returns: types, due dates, and penalties, GST Payment; GST Audit; GST Refund: eligibility, procedure, and time limits, GST Council- Structure, objectives, functions, decisions, GST Network; GST & Indian Economy- Compensation to states- Trends of GST collection in India- national level and state level- Challenges and compliance, impact of GST on Economic growth.
Practicum	Demonstrate GST registration process for different types of business or GST returns filing procedure Assignment of trends and progress in GST collection in India

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1	Mehrotra, H.C. & Agarwal V. P, (2022), Goods and Services Tax, Shaitya Bhawan Publications
2	Balachandran, V. (2023), Textbook of GST & Customs Law, Sultan Chand & Sons
3	Datey, V. (2023). Taxmann's GST Ready Reckoner (2020), Taxmann Publications Pvt. Ltd.
4	Singhania, V.K; Students Guide to GST & Customers Law, Taxmann Publication (P) Ltd
5	Agrawal, R. K. (2023). Bharat's Handbook on G.S.T. (Goods & Service Tax) for May 2023 Exam. Mumbai, India: Bharati Law House.
6	Ahuja, G., & Gupta, R. (2019). Systematic Approach to Income Tax. New Delhi, India: Wolters Kluwer India Pvt Ltd.
7	Central GST Act (2017), Central Board of indirect Taxes and Customs
8	Integrated GST Act (2017), Central Board of indirect taxes and Customs
9	Union Territory GST Act (2017), Central Board of indirect taxes and Customs
10	GST (Compensation to States Act), 2017

BA–ECONOMICS
Vth SEMESTER

Program Name	BA in Economics	Semester	Fifth Semester
Course Title	Economics of Insurance		
Course Code:	ECO E1B	No. of Credits	3
Contact hours	45 Hours	Duration of SEA/Exam	2.30
Formative Assessment Marks	40	Summative Assessment Marks	60

Course Outcomes (COs): After the successful completion of the course, the student will be able to:

- CO1. Gain knowledge on economics of insurance
- CO2 Understand the Insurance Planning
- CO3. Understand the essential and fundamentals of Life and Health Insurance

MODULES	DESCRIPTION	45 Hrs
Module I	Introduction to Economics of Insurance	15
	Definition of insurance, Scope of economic of insurance, Importance of insurance, Brief history of insurance, Perils and risks in insurance, Classification of risks hazards; How insurance works, Classes of insurance and assumptions, Risk pooling and risk transfer in insurance, Social vs. private insurance, Life vs. non-life insurance	
Practicum:	Identify how insurance works and analyse risk pooling and risk transfer in insurance Assignment on importance of insurance and risks in insurance	
Module II	Insurance Planning	15
	Types of Insurance Planning- Wealth accumulation plan lifecycle planning, Planning for wealth accumulation, Tax advantage and tax non-advantage; Retirement Planning - Essential of individual retirement planning, Investing pension plan, basic principles of pension plans, Pension plans in India; General Insurance Structure - General Insurance, concept of General Insurance, Types of General Insurance, Marine Insurance, Motors Insurance, Agricultural Insurance, Fire Insurance, Personal Accident Insurance.	
Practicum:	Compare and contrast the different types of Insurance Planning, highlighting their strengths and weaknesses. Assignment on types of general Insurance	
Module III	Personal insurance / Health Insurance	15
	Essential of Life and Health Insurance- Fundamentals of Life and Health Insurance, functions of Life and Health Insurance, Health Insurance and Economic Development, Insurance and Farmer Security; Insurance Documentation - Health Insurance products, Health Insurance underwriting, Health Insurance claims ; Insurance Legislation - The insurance act, 1938- Registration- Accounts and	

	Returns, Investments, Limitation on expense of Management, Regulation of Insurance, Insurance regulation in India, role and need of regulation, history of insurance regulation in India, Insurance Reforms Development Authority (IRDA), performance of IRDA, Indian Insurance in global platform, future potential in Indian Insurance Business.
Practicum	Conduct a survey to know the knowledge about life and health insurance in the neighbourhood Assignment on performance of IRDA

References	
1	Chambers, R. (1983): Rural Development: Putting the Last First, Longman, Harlow.
2	Dandekar, V.M. and N. Rath (1971): Poverty in India, GIPE, Pune
3	Dantwala, M. L. (1973): Poverty in India: Then and Now, 1870-1970, Macmillan, Bombay.
4	Gupta. K .R. (Ed) (2003): Rural Development in India, Atlantic Publishers and Distributors, New Delhi.
5	Jain, Gopal Lal (1997): Rural Development, Mangal Deep Publications, Jaipur,
6	Singh, Katar (1986): Rural Development: Principles, Polices and Management, Sage Publications, New Delhi, (Second Edition).
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8	Maheshwari, S. R. (1985): Rural Development in India, Sage, Publications New Delhi
9	Satya Sundaram, I. (1997): Rural Development, Himalaya Publishing House, Delhi.
10	Mehta, Shiv R. (1984): Rural Development Polices and Programmes, Sage Publications, New Delhi.
11	Tyagi, B. P. (1998): Agricultural Economics and Rural Development, Jai Prakash Math and Co., Meerut

BA–ECONOMICS
Vth SEMESTER

Program Name	BA in Economics	Semester	Fifth Semester
Course Title	Rural Economics		
Course Code:	ECO E1C	No. of Credits	3
Contact hours	45 Hours	Duration of SEA/Exam	2.30
Formative Assessment Marks	40	Summative Assessment Marks	60

Course Outcomes (COs): After the successful completion of the course, the student will be able to:

- CO1. Understand the meaning, concepts, objectives, nature, feature and scope of Rural Economics
- CO2. Know the various indicators and their Measurement of Rural development.
- CO3. Understand the policies and strategies of rural development.
- CO4. Understand the rural Natural Resources, Rural income and Rural poverty and indebtedness

Modules	DESCRIPTION	45 Hours
Module I	Introduction to Rural Economy	15
	Rural Economics- Definition, Meaning, Objectives, Nature and Scope; Need, Causes and consequences of the Rural Economy; Pattern, Characteristics and Importance of Rural Economy	
Practicum	Assignment on Characteristics and importance of Rural Economy Survey to know the characteristics of rural economy in the neighborhood	
Module II	Measurement, Policies and Strategies of Rural Development	15
	Introduction to measurement of Rural Development – Objectives of measurement of rural development Indicators of Measurement of Rural development: Poverty, GNP per capita, distribution of Income, Per capita rural expenditure, PQLI, Income inequality; Importance and Need for Rural Development Policies - Freedom, Control and Public Policy - Goals of Rural Development Policy - Hierarchy of Policy Goals - Rural Development Policies. Strategies of Rural Development: Growth Welfare, Responsive Oriented and Integrated or Holistic Strategy - Liberalization and Rural Development	
Practicum	Undertake evaluation study on rural development programmes and prepare an assignment. Field visit to nearby village and study the employment opportunities and present situation	
Module III	Rural Resources Rural Income, Poverty and Indebtedness	15
	Natural Resources: Land, Water, Mineral and Forest Resources. Utilization and Potential: Capital and Human Resources - Levels of Technology; Rural Income: Sources of Household Income - Contributions of Agriculture and Allied Activities to National Income - Animal Husbandry - Income Differences between Rural and Urban Sectors - Problems of Rising Rural Incomes. Rural Poverty: Causes and Consequences - Rural Credit:	

	Magnitude of Rural Credit - Multi-Agency Approach to Rural Credit. Rural Indebtedness: Extent of Rural Indebtedness - Nature of Indebtedness -Causes of Rural Indebtedness - Effects of Indebtedness – Government Measures	
Practicum	Debate on Problems of Rising Rural Income Assignment on Causes and consequences of Rural Poverty	

References	
1	Agarwal A N and Singh S P, The Economics of Under Development, OUP, New Delhi.
2	Dalip S Thakur, Poverty, Inequality and Unemployment in Rural India, B R Pub., Corporation, Delhi.
3	Ekans Richard S and K S Parikh, Planning and Growth: Multi-sectoral, Inter-temporal Models Applied to India, The MIT Press, Massachusetts.
4	Higgins Benjamin, Economic Development: Principles, Problems and Policies, Central Book Depot, Allahabad.
5	Jain Gopal Lal, Rural Development, Mangal Deep Publications, Jaipur
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7	Parthasarathy G – Economic Reforms and Rural Development
8	Satya Sundaram I, Rural Development, Himalaya Publishing House, New Delhi.

BA–ECONOMICS
Vth SEMESTER

Program Name	BA in Economics	Semester	Fifth Semester
Course Title	Economics of Marketing		
Course Code:	ECO E1D	No. of Credits	3
Contact hours	45 Hours	Duration of SEA/Exam	2.30
Formative Assessment Marks	40	Summative Assessment Marks	60

Course Outcomes (COs): After the successful completion of the course, the student will be able to:

- CO1. To understand the basics concepts of marketing and asses the marketing environment.
- CO2. Analyze the issues in rural markets.
- CO3. To study rural consumers behaviors.
- CO4. Outline the recent development in the field of marketing.

Modules	DESCRIPTION	45 Hours
Module I	Introduction of Marketing	15
	Marketing: Definition, Meaning, Nature & Scope, Objectives, Importance, Marketing & Selling, Concept and Importance of Market Segmentation, Role of Marketing in Economic Development, Modern Marketing.	
Practicum	Seminar on the Role of Marketing in Economic Development Assignment on Modern Marketing	
Module II	Consumer Behavior and Rural Marketing	15
	Consumer Behavior: Nature, Importance, buying Decision, Factors influencing consumer buying behaviours. Rural Consumers Behavior: Nature, importance, Characteristics, Influencing Factors. Rural Marketing: Meaning, Definition, Nature & Scope, Features, Importance, Types. Problems and Remedies of Rural Market: Co-Operative Marketing Societies, Importance of Regulated Market	
Practicum	Survey consumers to Know the factors influencing their buying Behavior. Debate on best remedies to solve the problem of rural market.	
Module III	E-Marketing and Service Marketing	15
	E-Marketing: Meaning, Concept, Advantages & Disadvantages, Challenges. Types – Digital, Mobile Marketing, Online, social media - Meaning, Concept, Benefits, Importance, Challenges, Advantages & Disadvantages Service Marketing: Meaning, Concept, and Difference between the marketing of goods Vs Service Marketing, Importance, Problems.	
Practicum	Analyse the adoption of E-Marketing across different types of demographic segments. Debate on Advantages & Disadvantages of e -marketing	

References

1	Philip Kotler (2015), Principles of Marketing. 13th edition. Pearson Education.
2	Saxena Rajan, (2017) Marketing Management, Tata McGraw-Hill Publishing Company Ltd., New Delhi. Fifth Edition.
3	Kumar Arun & MeenakshiN (2016), Marketing Management, Vikas Publishing House Pvt. Ltd., New Delhi. Third Edition
4	Panda Tapan (2008), Marketing Management, Excel books, New Delhi, Second Edition.
5	Chhabra, T.N., and S. K. Grover. Marketing Management. Fourth Edition.
6	Marketing Management- A South Asian Perspective-15e – Pearson, Philip Kotler, Kevin Keller,
7	Abrahan Koshy, Mithileshwar Jha 7 Principles of Marketing-13e Pearson- Philip Kotler, Gary Armstrong, Prafulla Agnihotri, Ehasanul
8	Haque Marketing Management: Indian Context-Global Perspective, Ramaswamy and Namakumari, sixth edition, SAGE Publication
9	Valarie A Zeithmal & Mary Jo Bitner, Dwayne D. Gremler and Ajay Pandit, 7/e, McGH, (2018) Service Marketing, Integrating Customer Focus Across the Firm.
10	Valarie A Zeithmal & Mary Jo Bitner, 5/e, (2011) e-Marketing-TMH.

BA–ECONOMICS
Vth SEMESTER

Program Name	BA in Economics	Semester	Fifth Semester
Course Title	Entrepreneurial Economics		
Course Code:	ECO V1A	No. of Credits	2+1
Contact hours	30+30 Hours	Duration of SEA/Exam	2.30
Formative Assessment Marks	50	Summative Assessment Marks	50

Course Outcomes (COs): After the successful completion of the course, the student will be able to:

- CO1: Acquire the operational procedures knowledge of entrepreneurship
- CO2. To know how to Start your own business as a young Entrepreneur
- CO3. Enabling the students to find various procedures of operations of the business.

MODULES	DESCRIPTION	60 Hrs
Module I	Entrepreneurship and Launching Business	15
	<p>Entrepreneur and Entrepreneurship – Issues of considering for Entrepreneurship, identifying business opportunity and choosing right business, Plan a new entrepreneurship- create a business plan- contents of Business plan- marketing plan-operational plan- financial plan-risk analysis and risk management plan.</p> <p>Choose a business structure, Setting Business Entity & incorporation of the company, Formulation of Memorandum of Association (MOA), Formulate Article of Association (AOA), approving stamp and sign of Business Entity. Registering for e-filing, Applying for Director Identification Number (DIN), Digital Signature Certificate (DSC), and Permanent Account Number (PAN).</p>	
Practicum	<p>Identify career opportunities in business and create a Business Plan</p> <p>Demonstration on Registering for e-filing</p> <p>Assignment on Formulation of Memorandum of Association (MOA)</p>	
Module II	Procedure for Start-up Business	15
	Operational Procedures- Get Government of India, State Government (Karnataka) and Local Government tax IDs, -Apply for all concerned licenses and permits, - Open a business bank current account, - Apply for Business Insurance, - Appraisal of Technical Feasibilities, Economic and Financial viability - Bottom line.	
Practicum	Identify the and write a small report on procedure to open a business bank current account and applying for business Insurance	
Experiential Learning/ Practicum	Visit a Startup/MSME and write a report of 15-20 pages about consisting of the following:	30
Format of the Report	<ol style="list-style-type: none"> 1. Name and Address of the Startup/Micro Enterprise Visited 2. Certificate from the MSME/Startup Stating the students visit and learning about the entrepreneurship and enterprise 3. Certificate from the concerned HOD & Concerned teacher 4. Brief Profile of the MSME/Startup 5. Lessons Learnt about Launching a Business, Product Marketing, Sources of finances, Challenges faced, Strategies to Overcome it, etc...., 	

References	
1	Donald F Kuratko (2014), “Entrepreneurship – Theory, Process and Practice”, 9th Edition, Cengage Learning,.
2	Khanka. S.S (2013) “Entrepreneurial Development” S.Chand & Co. Ltd., RamNagar, New Delhi.
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4	Singh, Nagendra P. Emerging Trends in Entrepreneurship Development. NewDelhi: ASEED.
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6	Venkateshwara Rao and Udai Pareek, (Eds)Developing Entrepreneurship-A Handbook
7	Donald F Kuratko (2014), “Entrepreneurship – Theory, Process and Practice”, 9 th Edition, Cengage Learning.
9	https://www.sba.gov/business-guide/launch-your-business/open-business-bank-account
10	https://www.businessnewsdaily.com/4686-how-to-start-a-business.html
11	https://www.forbes.com/advisor/in/business/how-to-start-a-business/
12	https://services.gst.gov.in/services/
13	https://www.jotform.com/pdf-templates/proposal
14	https://www.visme.co/templates/proposals/

BA–ECONOMICS
Vth SEMESTER

Program Name	BA in Economics	Semester	Fifth Semester
Course Title	Digital Economics		
Course Code:	ECO V1B	No. of Credits	2+1
Contact hours	30+30 Hours	Duration of SEA/Exam	2.30
Formative Assessment Marks	50	Summative Assessment Marks	50

Course Objectives: After the completion of the course, the students will be able to understand the - structures of the digital economy, how the community and firms interact in digital markets and how digital markets should be designed and regulated.

Course Outcomes (COs): After the successful completion of the course, the student will be able to:

- CO1. To be able to apply the concepts of business models to digital economy and understand distinguishing features of the digital economy
- CO2. To link the specific distinguishing characteristics of digital economy to market structures and market outcomes
- CO3. To understand implications of business models and behaviors in the digital economy
- CO4. To analyze the structural incentives of digital economy.

MODULES	DESCRIPTION	60 Hrs
Module I	Features of the Digital Economy	15
	Introduction to the Digital Economy – Digitization of the Economy, The Digital Economy Ecosystem; Multi-sided Platforms, Two-sided Markets, Network Effects and Positive Feedbacks, Lock-in and Switching Costs, Formation of Monopolies in Digital Economy, The “Long Tail”, Importance of Data – Prediction Vs. Causality, Privacy; Search and Matching – Low Search Costs and Prices, Search Engines, Recommendations and Matching, Ethical Challenges in the digital economy – Challenges for Society, Challenges for ethics; Recent Legal Developments towards digital economy	
Practicum	Group Discussion on the Digital Economy Ecosystem Assignment on Importance of Data – Prediction Vs. Causality	
Module II	Digital Markets	15

	Main Types of Digital Economy Market Players – Specific Features, Behaviour, Goals Stakeholders and relationships in digital markets, Competition, Cooperation and Coopetition; Digital Innovations, Main types of Digital Economy Business Models, The layered internet model, Strategic Positioning – Business Strategies of Different types of Digital Economy Market Players; Digital Economy and Traditional Companies – Digital Technologies as a risk factor for traditional Companies, Business Models of Traditional Companies in Digital Economy, Coexistence Models of Digital and Traditional Companies; Individual Markets: Media – Copyrights and Streaming, News and Social Media; Advertising, E- commerce – Customization, Auctions, Payment Systems; The sharing/gig economy – Ride-hailing, Labour Markets, Lodging.	
Practicum	Seminar on e-commerce sites Debate on the sharing/gig economy	
Experiential Learning/ Practicum	Conduct a Survey using Interview Schedule on Perception of the consumers who are using digital payments	30
Format of the Report	<ol style="list-style-type: none"> 1. Brief Profile on Digital Payments 2. Different Modes of Digital Payments 3. Collecting the data from the 50 respondents who use Digital Payments Using the pre designed interview schedule 4. Analysis of the data using simple statistical tools 5. Interview Schedule must consist of the following <ol style="list-style-type: none"> i. Name, Occupation, income and Expenditure ii. Socio-Economic Background of the Consumers iii. From when they are using Digital Payments iv. Products/ Services for which they are using Digital Payments v. Benefits of Digital Payments vi. Difficulties faced by Digital Payments vii. Suggestions to improve 	

References	
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2	Overby Harald, Jan.A.Audestad (2021), <i>Introduction to Digital Economics – Foundations, Business Models and Case Studies</i> , Springer Nature, Switzerland
3	Peitz M & Waldfogel J. (2012), <i>The Oxford Handbook of the Digital Economy</i> , Oxford University Press
4	Kahin.B & Brynjolfsson.E (2000), <i>Understanding the Digital Economy: Data, Tools and Research</i> , Cambridge, Mass: The MIT Press

BA–ECONOMICS
Vth SEMESTER

Program Name	BA in Economics	Semester	Fifth Semester
Course Title	Economics of Dairy Farming		
Course Code:	ECO V1C	No. of Credits	2+1
Contact hours	30+30 Hours	Duration of SEA/Exam	2.30
Formative Assessment Marks	50	Summative Assessment Marks	50

Course Outcomes (COs): After the successful completion of the course, the student will be able to:

- CO1. Know the animal husbandry and significance, employment opportunities in dairy farming
- CO2. Acquire the knowledge about dairy farm management.
- CO 3. Understand the facilities of dairy farming.
- CO4. Start the self-dairy farm business.

MODULES	DESCRIPTION	60 Hrs
Module I	Introduction	15
	Animal husbandry, livestock in India, scope and prosperity, dairy development in India, Dairy facilities-selection of site, housing system, classification of dairy plants, layouts and design equipment and utilization, cost aspects of dairy farming, records to be maintained in a dairy farm, finance to Dairy farming.	
Practicum	Visit dairy farm- Survey on Dairy facilities Survey on cost and revenue aspect of dairy farming.	
Module II	Management of a Dairy Farm	15
	Operation flood in India- Definition of Milk and Nutritive value of milk, Classification of dairy, animals-breeds and control, breeding management, Pest, disease and control, care of new born calf, major responsibilities of a dairy former, cooling, cleaning and sanitization of dairy farm, basic principles of feed, importance of Feed ingredients , feed formulation and feed mixing. Milk product and bio-products, procurement of marketing of milk, clean milk production and handling-processing and testing quality Control of milk, storage and distribution of processed milk. Government policies, scheme for dairy business.	
Practicum	Understand the animal breeds and management, diseases and its control, cleaning and sanitization Basic principles of feed and marketing.	
Experiential Learning/ Practicum	Visit a milk federation/dairy co-operative society/ Milk Union	30

Format of the Report	<ol style="list-style-type: none"> 1. Name and Address of the milk federation/dairy co-operative society/ Milk Union Visited 2. Certificate from the milk federation/dairy co-operative society/ Milk Union Stating the students visit and learning about the Dairy Management 3. Certificate from the concerned HOD & Concerned teacher 4. Brief Profile of the milk federation/dairy co-operative society/ Milk Union Visited 5. Lessons Learnt about Managerial Functions, Operational Functions – Reception of the milk, Milk Trading, Testing of milk, dispatch of milk, Payments, Accounting, Cleanliness, Standardization of milk and other functions, dairy Product Marketing, Sources of finances, Challenges faced, Strategies to Overcome it, etc....,
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References	
1	Banerjee G. C. (2010) -Textbook of Animal Husbandry, Oxford Publication,IBH Publishing Co.Pvt Ltd, Delhi
2	Muller CJC, The Dairy Farming Handbook, Directorate Animal Science Researchand Technology Development Services.
3	Dairy India 2007, 6 th Edition
4	Principles and Practices of Dairy Farm – Jagadish Prasad.
5	Economics of Milk Production – Bharati Pratima Acharya Publishers.
6	Saras Applied Zoology- Fifth Edition 2015, SaraS Publication, Tamilnadu.
7	Dilip Dutt, Chairman, National Dairy Development Board- Good Dairy HusbandryPractices.
8	Fao Animal Production And Health- Guide To Good Dairy Farming Practice, Publishedby food and agriculture organization of the united nations and international dairy federation, rome, 2011
9	Dairying- 2019, www.cstaricalcutta.gov.in

**BA–ECONOMICS
VIth SEMESTER**

Program Name	BA in Economics	Semester	Sixth Semester
Course Title	International Economics		
Course Code:	ECO C13	No. of Credits	4
Contact hours	60 Hours	Duration of SEA/Exam	2.30
Formative Assessment Marks	40	Summative Assessment Marks	60

Course Outcomes (COs): After the successful completion of the course, the student will be able to:

- CO1. Understand the international trade theories and their application in international trade
- CO2. Explain the concept of terms of trade and demonstrate the effect of trade barriers; and display the ability to analyse the stages of economic integration
- CO3. Understand the concept of BoP and assess the BoP position and examine the changes in forex rate
- CO4. Analyse the role of International trade and financial institutions
- CO5. Demonstrate good inter-personal and communication skills through class participation and contributing to critical discussion on trade issues

MODULES	DESCRIPTION	60 Hours
Module I	International Trade Theories	15
	Meaning and Importance of International trade; Differences between Internal and International Trade; Trade Theories: Mercantilist view; Absolute cost and comparative cost advantage theories; Haberler's Opportunity cost theory; Heckscher-Ohlin theory; Leontief's paradox	
Practicum	Assignment on Ricardo's Comparative cost advantage and Leontief's paradox	
Module II	Terms of Trade and Commercial Policy	18
	Terms of trade- Concept and Types, Factors determining Terms of Trade; Commercial Policy: Free trade v/s Protection; Tariffs: Types and effects; Quotas; Anti-dumping; Economic Integration: Meaning and stages.	
Practicum	Debate: Free trade v/s Protection Mini project: Trace the evolution of India towards Economic Integration	
Module III	Balance of Payment and Capital Flow	12
	Balance of Payment: Concept, Components; Disequilibrium in Balance of Payment: Causes and Measures to correct disequilibrium; Foreign Exchange rate: Meaning and types; determination of Foreign exchange rate: Demand for and Supply of Forex; Purchasing Power Parity (PPP) theory; Capital Flow: Meaning and concept of Foreign Investment; Forms of FDI; Advantages and disadvantages of FDI.	
Practicum	Prepare India's Balance of Payment statement using recent Economic Survey	
	Assignment on Forms of FDI	
Module IV	International Finance and Trade Institutions	15

	Bretton Woods Institutions: IMF and IBRD -IDA and IFC: Organization, Objectives, Functions and their role in developing countries; Evolution of WTO: GATT – principles and objectives; WTO: Organization, Objectives, Functions, Agreements and current issues; WTO and developing countries;	
Practicum:	Group Discussion: Effectiveness of IMF and IBRD in developing countries Seminar: Agreements of WTO or current issues of WTO	
References		
1	Sodersten. B. (1993): International Economics, MacMillan, 3 Edition, London,	
2	Salvatore, D. (2016): International Economics, 12 Edition, Wiley Publication	
3	Vaish, M. C. and Sudama Singh (1980): International Economics, 3 Edition, Oxford and IBH Publication, New Delhi.	
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13	Krishnamurthy H.R (2013) : Antararashreeya Arthashastra ; (Kannada version), Sapna, Bengaluru	

BA–ECONOMICS
VIth SEMESTER

Program Name	BA in Economics	Semester	Fifth Semester
Course Title	Indian Public Finance		
Course Code:	ECO C14	No. of Credits	4
Contact hours	60 Hours	Duration of SEA/Exam	2.30
Formative Assessment Marks	40	Summative Assessment Marks	60

Course Outcomes (COs): After the successful completion of the course, the student will be able to:

- CO1. Understand the structure of Indian Public Finance
- CO2. Enable the students to know the Source and nature of public revenue and expenditure
- CO3. Understand the Budget and different concept of deficits
- CO4. Know the Public debt and its management
- CO5. Understand the fiscal and monetary policy and their tools and importance
- CO7. To enable the students to know the Indian federal financing system and Financial Commissions

MODULES	DESCRIPTION	60 Hours
Module I	Public Revenue	18
	Direct Tax Revenue - Sources of Revenue-Tax and Non-Tax Revenue; Trends and Patterns of Tax Revenue in India; Direct and Indirect Taxes in India; Personal Income Tax Rates and Slabs; Corporate Tax- Tax Rate and Slabs; Indirect Tax Revenue - Indirect Taxes – Earlier Taxes-VAT and MODVAT; Goods and Services Tax (GST)- Objectives and Classification of GST, Tax Rates of GST; Trends and Patterns of GST; Impact of GST on Indian Economy; Tax Reform Commissions.	
Practicum	Collection and analysis of data on Direct tax Collection and analysis of GST from businesses	
Module II	Public Expenditure	15
	Revenue Expenditure - Classification of Public Expenditure in India; Revenue Account Expenditure- Trends and Patterns; Capital Account Expenditure-Trends and Patterns; Fiscal Responsibility and Budget Management (FRBM) Act; Impact of Public Expenditure on Indian Economy; Expenditure Reforms Commission (ERC) in India; Union Budget and Its Analysis - Meaning and Classification of Budgets; Zero-Based Budget; Composition of Union Budget; Union Budget Analysis (current one); Different Concept of Deficits- Revenue, Fiscal, Primary Deficits	
Practicum	Analysis of Union Budget (Current one) Group Discussion on Budget Deficits	
Module III	Public Debt and Its Management	14

	Public Borrowings and Debt - Meaning and Nature of Public Debt; Sources of Public Borrowings; Classification of Public Debt; Trends and Patterns of Central Government Debt; Main Characteristics of Indian Public Debt; Crowding out of Private Investment; Causes of Public Debt in India; Burden of Public Debt and Management in India - Meaning of Burden of Public Debt; Importance of Public Management; Principles of Public Debt Management; Repayment of Public Debt in India; Impact of Public Debt on Indian Economy; Finance Commissions in India	
Practicum	Assignment to write on Indian Public Debt and sources of repayment Group Discussion on Burden of Public Debt	
Module IV	Fiscal and Monetary Policies and Federal Finance in India	13
	Fiscal and Monetary Policy India - Meaning and Objectives of Fiscal Policy; Importance of Fiscal Policy; Tools of Fiscal Policy; Meaning and Objectives of Monetary Policy; Importance of Monetary Policy; Tools of Monetary Policy; Indian Federal Finance - Meaning and Importance- Stages of Growth; Allocation of Resources- Division of Functions and Resources; Principles of Federal Finance; Shortcomings of Federal Financing; Finance Commission and Their Recommendations.	
Practicum	Group Discussion about the Role of Fiscal and Monetary Policies in controlling inflation Assignment to write the State List, Union List and Concurrent list	

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4	Om Prakash (2021): <i>Public Economics: Theory a practice</i> , Vishal Publishing Co. Ludhiana.
5	S.K. Singh (2019): <i>Public Economics: Theory and Practice</i> S. Chand and Co., New Delhi.
6	Tyagi, B.P (2018): <i>Public Finance</i> , Jai Prakash Nath and Company, Meerut, India.

BA–ECONOMICS
VIth SEMESTER

Program Name	BA in Economics	Semester	Sixth Semester
Course Title	Economic Thoughts of Dr.B.R Ambedkar		
Course Code:	ECO C15	No. of Credits	4
Contact hours	60 Hours	Duration of SEA/Exam	2.30
Formative Assessment Marks	40	Summative Assessment Marks	60

Course Outcomes (COs): After the successful completion of the course, the student will be able to:

- CO1. derive inspiration from the life and works of B R Ambedkar
- CO2. Appreciate the socio-economic scenario during Ambedkar's period and compare it with present day
- CO3. Comprehend the contributions of Ambedkar on various economic aspects
- CO4. Assess the economic views of Ambedkar in the light of present-day socio-economic problems
- CO5. develop the traits of critical thinking and critiquing

MODULES	DESCRIPTION	60 Hours
Module 1	Ambedkar's views on Economy, Society and Equity	15 Hrs
	Socio- Economic-Political Context of India during Ambedkar's period; Brief outline of Ambedkar's life and career; Ambedkar's views on: a) economy and society; b) role of state c) Socialism and State Socialism; d) Women Empowerment , e) Objectives of economy: growth & equity; Socio-economic inequality: Economics of Caste, discrimination and deprivation; reforms suggested there in by Dr Ambedkar: Constitutional Provisions; Hindu code Bill	
Practicum	Assignment: Socio-economic inequality and status of affirmative actions in India	
Module 2	Thoughts of Ambedkar on Agriculture	15Hrs
	Ambedkar's views on: Agrarian Economy; Consolidation of land holdings and land revenue; Comparison with Ricardian view; Collective farming; views on land-ownership and land lessness; Nationalization of land and ceiling on land holdings; Surplus labour utilisation in agriculture and capital formation;	
Practicum	Mini Project: Using the Agriculture census data (https://agcensus.dacnet.nic.in/), chart the average size of operational holdings (by group) for different social classes in your tehsils and district (for 2001-2 and 2015-16); compare with the corresponding figures of state and nation.	
Module 3	Ambedkar on Industrialisation and Planning	15 Hrs
	Ideas on Industrialisation; views on types of industries Labour: views on labour exploitation and labour reforms; Social security Planning: Measures to develop Irrigation and Power sector: River linking;	
Practicum	Debate 1): Small & cottage industries of rural areas v/s large scale industries in	
	urban areas	
	Debate 2) Industrialize or perish v/s Industrialize and perish	

Module 4	Ambedkar's contribution to Fiscal and Monetary Economics	15 Hrs
	Fiscal Economics: study of sources of revenue; canons of expenditure Monetary Economics: Price stability and exchange rate stability; Currency reform	
Practicum	Seminar: Ambedkar's views on „The Problem of Rupee“	

References (In order of importance of usage)	
1	Heggade O D (1998) - Economic Thoughts of B R Ambedkar
2	Heggade O D – ಅಂಬೇಡ್ಕರ್ ರ ಆರ್ಥಿಕ ವಿಚಾರಧಾರೆ, Arjun Pub. House, Mysuru
3	Speeches and writing of Dr. B R Ambedkar, W R Mujawar (4 Volumes)
4	ಡಾ.ಬಾಬಾಸಾಹೇಬ ಅಂಬೇಡ್ಕರ್ ರ ಬರಹಗಳು ಮತ್ತು ಭಾಷಣಗಳು – Vol 1, Vol.2 Part 1& 2, Vol 3, Vol 6 Part 1& 2, Vol 10 Part 1, 2, & 3, Vol 12 part 2, Pub by Govt of Karnataka
5	Nagar and Nagar (2010), Economic Thoughts and Policy of Dr. B. R. Ambedkar
6	Permaiah, P.K and Sateesh Reddy (1994) – Dr Ambedkar's Economic Philosophy, Delta Pub, New Delhi
7	Dongre M K – Economic Thought of Dr B R Ambedkar
8	Ramaiah Reddy (ed) (1987)- Dr B R Ambedkar's Economic Philosophy
9	Sukhadeo Thorat(1998), Ambedkar's Role in Economic Planning and Water Policy, Shipra Publications, New Delhi.
10	Ambedkar B. R. (1936) Annihilation of Caste , Government of Maharashtra , Writings and Speeches of Dr B R Ambedkar , Volume 1, Mumbai. Also see https://www.brambedkar.in/annihilation-of-caste/
11	Ambedkar B. R. (1923) THE PROBLEM OF THE RUPEE: ITS ORIGIN AND ITS SOLUTION (HISTORY OF INDIAN CURRENCY & BANKING) http://dramedkar.co.in/wp-content/uploads/books/category1/13the-problem-of-the-rupee.pdf
12	Vasant Moon (Compiled) (1989) DR. BABASAHEB AMBEDKAR WRITINGS AND SPEECHES VOL. 1Part V of https://www.mea.gov.in/Images/attach/amb/Volume_01.pdf

BA–ECONOMICS
VIth SEMESTER

Program Name	BA in Economics	Semester	Sixth Semester
Course Title	Environmental Economics		
Course Code:	ECO C16	No. of Credits	4
Contact hours	60 Hours	Duration of SEA/Exam	2.30
Formative Assessment Marks	40	Summative Assessment Marks	60

Course Outcomes (COs): After the successful completion of the course, the student will be able to:

- CO1. Understand how economic methods can be applied to environmental issues facing society
- CO2. Examine the linkages between Environmental Degradation and Economic Development
- CO3. Develop an informed view regarding the potential of economics to help societies achieve their environmental goals
- CO4. Demonstrate good inter-personal and communication skills through writing an essay and contributing to critical discussion
- CO5. Analyze environmental problems and to assess environmental policies

MODULES	DESCRIPTION	60 Hours
Module I	Environment and Ecology	15
	Meaning, Nature and Scope of Economics of Environment; Linkages between Environment and the Economy; Environmental Kuznets curve; Environmental Stress; Population and Environment; Poverty and Environment; Meaning and elements of ecology; Biotic and Abiotic components; Food, Hydrological and Carbon Cycles; Material Balanced Principle (Entropy law); Meaning and strategies to achieve Sustainable Development; Rio Summit; Green Accounting Introduction to SDGs	
Practicum:	Making charts relating to SDGs or Assignments on environment-economy linkages at the local level	
Module II	Natural Resources Scarcity and Conservation	15
	Meaning and Characteristics of Renewable and Non-renewable resources; Non-Renewable Resources and the problem of depletion and problem of overuse ; Resource Scarcity and Economic Growth (Limits to Growth Model); Energy and Economic Development; Energyresources and their Pricing; Alternative energy sources; Conservation of Natural Resources-3Rs – Reduce, Reuse and Recycling Measures	
Practicum:	Identifying local resources; Project on resource conservation (esp. water) at the College level; Discussion on Limits to Growth	
Module III	Environmental Pollution	15
	Environmental regulatory system in India; Pollution Control Boards and their Functions; Provisions of the Environmental Protection Act, 1986; Environmental Movements in India (Chipko); Role of Citizens and NGOs in Environmental Protection.	

Practicum:	visiting the Pollution Control Board office and observing its functions	
Module IV	Environmental Pollution and Regulation	15
	Environmental regulatory system in India; Pollution Control Boards and their Functions; Provisions of the Environmental Protection Act, 1986; Environmental Movements in India (Chipko); Role of Citizens and NGOs in Environmental Protection.	
Practicum:	Assignments on types of pollution in local areas; Seminars on climate change and its consequences; visiting the Pollution Control Board office and observing its functions	

References	
1	Bhattacharya, R.N (Ed) (2001), <i>Environmental Economics: An Indian Perspective</i> , Oxford University Press.
2	Karpagam M. (1993), <i>Environmental Economics</i> , Sterling Publishers, New Delhi.
3	Shankar, U, (2001), <i>Environmental Economics</i> , Oxford University Press, New Delhi.
4	Singh, Katar and Anil Shisodia (2007): <i>Environmental Economics: Theory and Applications</i> , Sage Publications, New Delhi
5	Mahajan V.S (2003): <i>Environmental Protection – Challenges & Issues</i> , Deep & Deep Publishers New Delhi
6	Sengupta, R.P. (Ed.) (2001), <i>Ecology and economics: An Approach to Sustainable Development</i> , Oxford University Press, New Delhi.
7	Nick Hanley, Jason F, Shogren and Ben White (2005): <i>Environmental Economics in Theory and Practice</i> , Macmillan India Ltd.

BA–ECONOMICS
VIth SEMESTER

Program Name	BA in Economics	Semester	Sixth Semester
Course Title	Industrial Economics		
Course Code:	ECO E2A	No. of Credits	3
Contact hours	45 Hours	Duration of SEA/Exam	2.30
Formative Assessment Marks	40	Summative Assessment Marks	60

Course Outcomes (COs): After the successful completion of the course, the student will be able to:

- CO1. Understand Industrial Economics in the Indian context.
- CO2. Critically examine and summarize the theories of industrial location.
- CO3. Describe the working of different industrial finance institutions.
- CO4. Identify the major issues involved in Indian industry and Government policies.

MODULES	DESCRIPTION	45 Hours
Module – I	Framework of Industrial Economics	15
	Industrial Economics: Meaning, Nature & Scope, Importance - Concepts: Plant, Firm and Industry; Organization of a Firm; Classification of Firms on the basis of Ownership (Public, Private, Joint and Cooperative Sectors), - Industrial Combinations, causes, Mergers & Acquisitions and Amalgamations; Industrial Location: Meaning, Determinants, Weber’s theory, Florence’s theory, Industrial location policy in India, Industrial Location trend in India.	
Practicum	Visit to nearest firm/organization and prepare the report	
Module – II	Industrial Growth and Finance in India	15
	Industrial growth in India: Review of recent trends in Indian industrial growth and structural transformation, Changing role of Public enterprises, efficiency, productivity and performance constraints - Performance and role of Micro, Small, Medium Enterprises (MSME), Role of MNC’s in India, The IT sector in India viewed in world context; Industrial Finance : Internal & External and other components of Funds, Role, Nature, Volume and types of Industrial Finance - Role of Commercial Banks, IDBI, SIDBI, IFCI, SFCs etc.	
Practicum	Discussion on sources of Industrial Finance.	
Module – III	Issues in Indian Industry and Government Policies	15

	Major Issues in Indian Industry: Industrial Backwardness, Problems of Regional Imbalance, Industrial Sickness: Industrial Disputes: Causes and Measures, Industrial Proliferation and Environmental Protection; Government Policies for Industries : Global Competition emerging trend, Government's recent policies - Industrial policy 1991 and subsequent changes, Technology and Foreign Collaboration Policy,	
Practicum	Seminar on Industrial disputes.	

References	
1	Barthwal R.R. (2022), <i>Industrial Economics: An Introductory Textbook</i> , 3 rd Edn, NewAge International Publishers.
2	Bhalerao N & Desai SSM (2010), <i>Industrial Economy of India</i> , 5 th Edition, Himalaya Publishing House, Bombay.
3	Cherunilam, F. (1994), <i>Industrial Economics: Indian Perspective</i> , Himalaya Publishing House, Mumbai.
4	Hay, D. and D.J. Morris (1979), <i>Industrial Economics: Theory and Evidence</i> , Oxford University Press, New Delhi.
5	Singh, Sai A. and A. N. Sadhu (1988), <i>Industrial Economics</i> , Himalaya Publishing House, Bombay.
6	Sivayya, K.V. and Das, V.B.M. (2004), <i>Indian Industrial Economy</i> , S. Chand & Co., New Delhi.

BA–ECONOMICS
VIth SEMESTER

Program Name	BA in Economics	Semester	Sixth Semester
Course Title	Labour Economics		
Course Code:	ECO E2B	No. of Credits	3
Contact hours	45 Hours	Duration of SEA/Exam	2.30
Formative Assessment Marks	40	Summative Assessment Marks	60

Course Outcomes (COs): After successfully completing the course, the student will be able to:

CO1. Understand the basic concepts of Labour Economics.

CO2. analyze and tackle the labour issues effective

CO3. Understand the theories of wages as well as wage policy analyse

MODULES	DESCRIPTION	45 Hrs
Module - I	Introduction Labour Economics	15
	Concept and Definition - Nature, Scope and Importance - Labour as a Unique Factor of Production - Labour Economics as a Branch of Economics - Interdisciplinary Character of Labour Economics; Labour Market Concept of Labour Market and its Features - Difference between Labour Market and Commodity Market - Labour Market Imperfections and Factors Contributing to Imperfections - Determinants of the Supply and the Demand for Labour - Organized and Unorganized Labour.	
Practicum	Group Discussion on Labour as a Unique Factor of Production. Assignment on Labour Economics as a branch of economics Visit to Organized and Unorganized Labour Market	
Module II	Employment and Wage	15
	Concept of Employment and Full Employment - Need for Full Employment - Theories of Employment - Classical, Neo-Classical and Modern Approaches to Employment - Unemployment, Causes and Consequences - Technology and Employment - Information Technology Revolution and Employment; Wages Wage Concept and Definitions – Wage and Development – Theories of Wages, Classical, Marginal Productivity and Collective Bargaining Theory of Wage – Wage Differentials – Wage Policy, Objectives and Importance.	
Practicum	Presentation on Theories of Employment Undertake evaluation study on wage policies and prepare an assignment.	
Module III	Labour Productivity and Labour Welfare	15
	Concept of Labour Productivity - Measurement and Importance of Labour Productivity - Determinants - Causes for Low Labour Productivity and Measures to Increased Labour Productivity - Technology and Labour Productivity. State and	
	Labour: Need for State Intervention in Labour Matters - Methods of Intervention - Labour Social Security and Labour Welfare Measures; Labour Policy, Objectives and Importance - Emerging Perception on State Intervention.	

Practicum	Survey on the conditions of Labour in different sectors Debate on need for State Intervention in Labour Matters
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References	
1	Bhagoliwal T.N. <i>Economics of Labour and Industrial Relations</i> , Sahitya Bhavan, Agra.
2	McConnell C.R. and S.L. Brue <i>Contemporary Labour Economics</i> , McGraw Hill, New York.
3	Mittal and Sanjay Prakash Sharma. <i>Labour Economics</i> , RSBA, Jaipur.

BA–ECONOMICS
VIth SEMESTER

Program Name	BA in Economics	Semester	Sixth Semester
Course Title	Factor Pricing and Welfare Economics		
Course Code:	ECO E2C	No. of Credits	3
Contact hours	45 Hours	Duration of SEA/Exam	2.30
Formative Assessment Marks	40	Summative Assessment Marks	60

Course Outcomes (COs): After the successful completion of the course, the student will be able to:

- CO1. Understand the concepts of Welfare Economics
- CO2. The students can be able to analyze and theories of welfare economics effectively.
- CO3. To understand the importance of the theories and models that can be used to improve the economic and social welfare of people

MODULES	DESCRIPTION	45 Hours
Module I	Theories and Pricing of Factors of Production	15
	Meaning and Significance of factor pricing - Functional (factor) and Personal incomes - Demand and Supply of Factors of Production in Perfect and Imperfect Competitive Markets. Rent: Ricardian Theory, Modern Theory, and Quasi Rent Theory; Wages: Subsistence Theory, Wage-Fund Theory, Residual Claimant Theory, Marginal Productivity Theory, and Modern Theory; Interest: Classical Theory - Loanable Funds Theory, Liquidity Preference Theory, and Hicks -Hansen Theory (IS-LM); Profit: Dynamic Theory, Innovation Theory, Risk-bearing Theory and Uncertainty bearing Theory; Factor pricing in perfectly competitive markets - Marginal productivity theory of factor pricing; Factor pricing in imperfectly competitive markets - Monopsony power: Trade Unions and wage determination - Bilateral monopoly; Prices of Fixed Factors: Rents and Quasi Rents - Non-Homogeneous Factors and Wage Differentials	
Practicum	Collecting information on labour supply to understand the reasons for its backward bending seminars about the above theories	
Module II	General Equilibrium Theory	15
	Interdependence in the Economy (Circular Flow) - Partial and General Equilibrium Analyses; Two-Sector Model: Equilibrium of Production and Equilibrium of Consumption - Simultaneous Equilibrium (Edgeworth box diagrams) – Walrasian General Equilibrium Analysis – Pareto Optimality and Market Equilibrium; Market failure – Meaning of Market Efficiency – Reasons for Market Failure - Externalities, Public goods, Property rights, Coase Theorem, Asymmetric information - Meaning - adverse selection, moral hazards, agency problems; Theory of second best.	
Practicum	Collecting information on market failures and to ascertain the reasons for it Describing the graphs used	
Module III	Welfare Economics	15

	Individual welfare and social welfare – Pigouvian Welfare Economics - Socialwelfare function – Kaldor-Hicks Compensation criteria - Collective Choice, Social Choice and Social Welfare - Arrow’s impossibility theorem - Samuelson's Utility Possibility Curve - Value Judgments and Welfare Economics – Amartya Sen’s Contributions to Welfare Economics; Government Intervention – Need for Public Policy - Economics Justification for Welfare Schemes.	
Practicum	Conducting surveys to understand the notion of welfare Preparing a list of government programmes and giving justification for it from the point of view of Economics	

References	
1	Ahuja H.L, (2007) <i>Advanced Economic Theory</i> , S. Chand and Company, New Delhi.
2	Ferguson C.E and Maurice S. Charles, (1978) <i>Economic Analysis - Theory and Applications</i> , Richard D. Irwin Inc. USA.
3	Sen A.K, (2017) <i>Collective Choice and Social Welfare</i> , Holden-Day, San Francisco.
4	Jhingan, M.L. (2016): <i>Microeconomics</i> , Vrinda Publications, New Delhi
5	Mankiw, N. Gregory (2020). <i>Principles of Economics</i> (Ninth ed.). Boston, MA.
6	Koutsoyianis, A (1979): <i>Modern Microeconomics</i> , London, Macmillan
7	Samuelson, Paul (2004): <i>Economics</i> , McGraw-Hill, New Delhi
8	Salvatore, Dominick (2008) <i>Microeconomics Theory and Applications</i> , Oxford University Press, New York

BA–ECONOMICS
VIth SEMESTER

Program Name	BA in Economics	Semester	Sixth Semester
Course Title	Economics of Non-Farm Sector		
Course Code:	ECO E2D	No. of Credits	3
Contact hours	45 Hours	Duration of SEA/Exam	2.30
Formative Assessment Marks	40	Summative Assessment Marks	60

Course Outcomes (COs): After the successful completion of the course, the student will be able to:

- CO1. Understand the Meaning, Concepts, objectives, Nature and scope of Economics of Non-Farm Sector.
- CO2. To know the sustainable development of non-farm sector
- CO3. To understand the importance of non-farm sector in the Indian economy
- CO4. To study the Government programmes and policies for non-farm sector.

MODULES	DESCRIPTION	45 Hours
Module I	Introduction to Non-Farm Sector	15
	Meaning and Definition of Non-Farm Sector, Nature of Non-Farm Sector Economics, Importance of non-farm sector, Role of non-farm sector in the rural Economy, the demand for and supply of non-farm labour in the rural Economy. Need of sustainable development of non-farm sector in India,	
Practicum	Collecting the information on demand for and supply of nonfarm jobs Collecting information on how to develop and sustain non-farm sector Seminars and discussion	
Module II	Non-Farm Sector and Employment	15
	Types of unemployment in rural India, Nature of nonfarm Employment- Construction, Mining and quarrying, small businesses. Women and women employment in non-farm sector, Agro based Industries, and agro processing industries, Rural Markets, Rural MSMEs, women employment in households and cottage industry, Textile and handlooms, Rural Trade and Transportation. Rural Tourism-Swadesh Darshan.	
Practicum	Collecting the information on mining and quarrying workers condition Collecting information on rural trade and transportation Seminars and discussion	
Module III	Government Schemes and Policies for Non-Farm Sector	15
	Role of NGOs in non-farm sector, Government Schemes, MGNREGA, Skill India, , Pradhan Mantri Kaushal Vikas Yojna, National Apprenticeship Promotion	

	Scheme , Aajeevika, Deen Dayal Upadhyay Gramin Kaushal Yojana, Pradhan Mantri MUDRA Yojana (PMMY), National Institute of Rural Development and Panchayati Raj (NIRDPR), Establishing cooperative societies.
Practicum	Collecting the information on National Apprenticeship Scheme Collecting information on MUDRA Yojana Seminars and discussion

References	
1	Nayyar Rohini and Sharma N Alakh, (2005) , Rural Transformation in India : The Role of Non-Farm Sector: Institute for Human Development
2	Rao M Koteswars (2000) . Rural Employment: The Non-Farm Sector. Deep and Deep publication New Delhi
3	Chattopadhyay Apurba Kumar and Chakrabarti Saumya (2013) Economics of Rural Non-Farm Sector: Certain Characteristics and Determinants Serial Publication New Delhi
4	Fisher Thomas (1997) ,Forgotten Sector: Non-farm employment and enterprises in rural India: Practical Action Publication
5	Jami.B.Kilangla and M Giribabu. (Eds) : 2020 AGRICULTURE AND RURAL TRANSFORMATION: Issues and Challenges (With Special Reference to North-East India) .Rawat Publication .Jaipur
6	Government of India .2020-21. Annual Report: Department of Agriculture, Cooperation and Farmers Welfare
7	Antony Piyush, V. R.P Gayathri, Mamgain; (2001) “Social and Economic Security in India” (ed.), Institute for Human Development, New Delhi

BA–ECONOMICS
VIth SEMESTER

Program Name	BA in Economics	Semester	Sixth Semester
Course Title	Micro Entrepreneurs Development		
Course Code:	ECO V2A	No. of Credits	2+1
Contact hours	30+30 Hours	Duration of SEA/Exam	2.30
Formative Assessment Marks	50	Summative Assessment Marks	50

Course outcomes; On completion of the course, the students should be able to

- CO1. To know how to start own Micro Entrepreneur Unit.
- CO2. To enable the students to find out various procedure of operations of Micro Entrepreneurship.
- CO3. To enable the students to gain knowledge and skills needed to run micro enterprises successfully.

MODULES	DESCRIPTION	60 Hours
Module I	Micro Enterprises : Technical Feasibility	15
	Management Evaluation – Micro Enterprises Promotion - Types of Enterprises and Management – Sole Proprietorship, Partnership, Limited Liability Partnership, Private Limited - Profile of the Management - Idea of Product – Product Line – Product Demand Estimation – Promotion and Competition Management. Technical Feasibility – Manufacturing Process – Digital Technology – AI in Manufacturing – Plant Location, Plant and Machinery Technical Feasibility, Raw-material Utilities and Human Resources, Contracts and Annual Maintenance Agreements (AMCs) – Project Monitoring and Implementation – Plant Optimization.	
Practicum	Assignment on Micro Entrepreneurs Development Survey to analyse Technical Feasibility in Micro Enterprises	
Module II	Micro Enterprises: Financial and Economic Viability	15
	Appraisal of Financial Feasibilities – Cost of the Project – Land and Building, Plant and Machinery, Furniture’s and Fixtures, Pre-Operative Expenses, Fixed and Working Capital – Means of Strategic Finance – Own Contribution and Venture Capital, Term Loans, Subsidy and Government Schemes, Other Sources, Economic Viability – Profit and Losses, Break Even and Bottom Line.	
Practicum	Identify the factors of economics viability in micro enterprises and write an assignment	
Experiential Learning/ Practicum	Visit a Micro Enterprise and write a report of 15-20 pages about consisting of the following:	30
Format of the	1. Name and Address of the Micro Enterprise Visited	

Report	<ol style="list-style-type: none"> 2. Certificate from the Micro Enterprise Stating the students visit and learning about the Micro Enterprises : Technical Feasibility 3. Certificate from the concerned HOD & Concerned teacher 4. Brief Profile of the Micro Enterprise 5. Lessons Learnt about Micro Enterprises: Technical Feasibility, Financial and Economic Viability, Launching a Business, Product Marketing, Sources of finances, Challenges faced, Strategies to Overcome it, etc...., 	
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References	
1	Bessant J and Tidd J (2011): Innovation and Entrepreneurship, 2nd Edition, John Wiley & Sons.
2	Desai, V (2021): Small Scale Industries and Entrepreneurship, Himalaya Publishing House, Mumbai.
3	Desai, V (2011) : Dynamics of Entrepreneurial Development and Management, Himalaya Publishing House, Mumbai.
4	Donald F K (2014): Entrepreneurship – Theory, Process and Practice, 9th Edition, Cengage learning.
5	Hirsch, R.D., Peter, M and Shepherd D (2006): Entrepreneurship, 6 th Edition, Tata McGraw-Hill, Mumbai.
6	Kanaka S S (2013): Entrepreneurial Development, S.Chand & Co. New Delhi.
7	Nagendra and Manjunath, V.S. (2010): Entrepreneurship and Management, Pearson.
8	Roy R (2011): Entrepreneurship, 2 nd Edition, Oxford University Press.
9	Stokes, D and Wilson, N. (2010): Small Business Management and Entrepreneurship, 6 th Edition, Cengage Learning.
10	Sundar, K (2011) : Entrepreneurial Development, Vijay Nicole Imprints Pvt. Ltd.

BA–ECONOMICS
VIth SEMESTER

Program Name	BA in Economics	Semester	Sixth Semester
Course Title	Project Planning and Management		
Course Code:	ECO V2B	No. of Credits	2+1
Contact hours	30+30 Hours	Duration of SEA/Exam	2.30
Formative Assessment Marks	50	Summative Assessment Marks	50

Course outcomes; On completion of the course, the students should be able to

- CO1-formulate and present a practicable project idea
- CO2-prepare a realistic economic plan
- CO3-describe models and methods to lead, carry out, document and evaluate project
- CO4-describe an intended project in a complete project plan
- CO5-review and evaluate own and others' project plans critically.
- CO6-Understand the content for preparing a Project Report for new projects and differentiate between financial, technical analysis and business feasibility.

MODULES	DESCRIPTION	60 Hours
Module I	Introduction to Project Planning and Management	15
	Meaning, Definition, Nature & Scope, Types - Schedule planning, Resource planning, Budget planning, Procurement management, Quality planning, Communications planning. Key elements of a successful project planning, and Process of Project planning.	
Practicum	Assignments on project planning and management activities. Group discussion on project planning.	
Module II	Project Management Implementation and Stakeholder Management and Project Controlling	15
	Project Management: Meaning, definition, Objectives, Nature and Importance, Project Management Skills - Qualities of the best project manager, Project Management life Cycle; Project Implementation: Definition, Implementation Tools, and Process, Performance and quality control measurements. Stakeholder Management: Definition, Features, Importance, Risk Management; Definition, importance, techniques; Project Controlling System: Meaning, Pre-requisites, Process, Essentials, Methods, Project completion.	
Practicum	Discussion on the Skills of project management, Decision Making, Problem-Solving, and risk-management skills In small groups, try to identify the LARGEST project each of you has been involved with.	
Experiential Learning/ Practicum	Visit an Enterprise and write a report of 15-20 pages about consisting of the following:	30
Format of the Report	1. Name and Address of the Enterprise Visited 2. Certificate from the Enterprise Stating the students visit and learning about the Project Planning and Management	

	<ol style="list-style-type: none"> 3. Certificate from the concerned HOD & Concerned teacher 4. Brief Profile of the Enterprise 5. Lessons Learnt about Project Planning and Management Implementation, Stakeholder Management and Project Controlling Launching a Business, Product Marketing, Sources of finances, Challenges faced, Strategies to Overcome it, etc....., 	
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References	
1	Adrienne Watt (2014) Project Management – 2nd Edition, publisher, BC CAMPUS open access books library.
2	<u>Davies A. Igberaese</u> (2023) .Introduction to Project Management ,Routledge Taylor &Francis Group
3	Harold Kerzner (2013), Project Management; A Systems Approach to Planning, Scheduling, and Controlling, WILEY INDIA
4	Joseph Heagney (2019) Fundamentals of Project Management, 5th Edition, Amacom Publication
5	Kalpesh Ashar (2022), Project Management Essentials; You Always Wanted To Know, Vibrant Publication
6	Project Management from Simple to Complex, open text book Publisher: University of Minnesota Libraries Publishing
7	Albert lester(2021)Project management ,planning and control
8	Rory Burke (2009), Project Management Planning And Control Techniques, 4Th Edition, WILEY INDIA.

**BA–ECONOMICS
VIth SEMESTER**

Program Name	BA in Economics Internship	Semester	Sixth Semester
Course Title	Internship		
Course Code:	Skill Enhancement Course	No. of Credits	2
Contact hours		Duration of SEA/Exam	Practical
Formative Assessment Marks	50	Summative Assessment Marks	NA

INTRODUCTION:

Internship [Organizational work] is an integral part of the National Education policy- 2020. Its objective is to equip students with job skills and communication abilities, enabling them to bridge the gap between theoretical knowledge and practical application. The internship program incorporates various interventions that offer students exposure to real-life job experiences and expectations, empowering them with insights into the workings of different industries.

The internship is strategically positioned during the 6th semester of the Bachelors of Arts in Economics program. This timing provides students with a strong foundation in economics, enabling them to apply their knowledge in real-world settings. Additionally, the program caters to the critical need for teaching skills in economics and administration, enhancing the academic qualifications of students. Overall, the internship program aims to prepare students for the job market, thereby bridging the gap between academia and the professional world.

OBJECTIVES:

The objectives of conducting program are:

1. To boost students' employability by imparting soft skills that are essential in everyday life.
2. To enable students discover their professional strengths and weaknesses and align them with the changing economic environment.
3. To provide an opportunity for students to apply theoretical concepts and knowledge in real life situations at the work place.
4. To prepare students to understand organization culture and familiarize them with the organization needs.

5. To enable students to manage resources, meet deadlines, identify and undertake specific goal-oriented tasks.
6. To sharpen domain knowledge and provide core competency skills.

Internship Requirements & General Guidelines:

A. Nature of internship project work:

1. Every Student is required to work in an organization (a firm, self- help groups/cooperatives/farms or any rural economy components) for at least two months as part of Internship.
2. The student shall identify an internship work place.
3. Maximum five students of the same department from a College/University shall work for Internship in the same organization.
4. Internship work may be to carry out Professional work.
5. The internship shall be paid or unpaid.
6. While, working from the organizational premises is encouraged, in certain cases, virtual internship shall be considered.

B. Duration of Internship:

1. The Internship works shall be for a period of TWO months [Sixty Days].
2. The internship commence from the first day of the sixth semester.
3. Student is expected to carry out his/her Internship works during the first FIVE days of the week, and shall report to the department on a weekly basis.
4. The duration of the work shall be specified by the organization at the beginning of the program and the number of hours spent shall be in line with the prevailing rules.

C. Guide and Mentor:

1. An internal mentor shall be assigned by the University/College for the smooth conduct and supervision of the internship program.

2. The internal mentor shall provide guidance students in securing internship and to monitor the progress.

D. Protocol of the Internship work:

1. The head of the institution shall issue an internship work authorization letter during the 5th semester to the College or Organization where student is expected to join the internship work.
2. Student is expected to take up the preliminary work such as identifying the organization and engaging in securing in an offer from an organization
3. During the 5th semester, students who secured an offer must get consent offer signed by the principal/head to carry out internship.
4. Student must submit the joining report with the date of joining for internship to the department head through internal mentor.
5. In case of professional work, the student is expected to be regular in performing his/her duties/tasks assigned to him/her by the Organization.

E. Evaluation:

1. All the students should obtain a certificate of internship from the workplace. This certificate shall mention the name of the candidate, the organizations name and duration of work. A letter describing the work of the candidate is desirable. The certificate shall be submitted to the department head.
2. The performance of a candidate shall be assessed for maximum of 100 marks.
3. The assessment methods shall be decided by the Universities based on the existing conventions.
4. The assessment method shall consist of an internship report submitted by the students based on the work experience and a viva-voce/presentation.
5. **Viva-voce/Presentation:** There shall be a viva-voce examination will be conducted for by the department where each student is expected to give a presentation and submit necessary documents.

F. Marks allocation for Internship Work:

Statement of Marks Secured		
Item	Maximum Marks	Marks Obtained

Candidate Attendance for teaching/work		
Candidate Punctuality for teaching/work		
Course Work Preparation/ Work Commitment		
Students Feedback/Employer Feedback		
Behavioural Attitudes		
Overall Observation		
Total		
Total Marks Secured by student in Words:		

Viva-voce by Chairman and an Expert Drawn from Other University for 30 Marks			
Sl. No	Aspects	Maximum Marks	Marks Obtained
1	Presentation Skills		
2	Communication Skills		
3	Subject Knowledge		
Total			

Note: Assessment needs to be done as per the regulation.

BA Honours
In
Economics
3rd Semester

**BANGALORE UNIVERSITY,
JNANA BHARATHI,
BENGALURU**

Semester III

Course Title	Agriculture Economics		
Course Code:	DSC-C6.2	No. of Credits	3
Contact hours	42.30	Duration of SEA/Exam	2.30
Formative Assessment Marks	40	Summative Assessment Marks	60

Pedagogy: Classroom lectures, tutorials, Problem-solving exercises, field visit

Course Outcomes (COs): After completing the course, the student will be able to: CO1. Acquire knowledge of the role of agriculture in economic development CO2. Acquire the theoretical and application knowledge of agricultural growth and development CO3. To enable the students to understand the Strategy of Agricultural Development in India, CO4. To make the students aware of institutional and non-institutional sources of agricultural Finance	
Contents	42 Hrs.
Unit-1: Agriculture and Economic Development	14 hrs.
Chapter 1: Introduction to Agricultural Economics <ul style="list-style-type: none"> • Definition and scope of agricultural economics • Need for special techniques of economic analysis to deal with unique problems of the agricultural economy • Seasonality, perishability, and heterogeneity of output • The Organisation of agricultural production – Role of Land, Labour, Capital, and entrepreneurship 	5
Chapter 2: Agriculture in Economic Development <ul style="list-style-type: none"> • Role of Agriculture in Economic Development. • Diversification of agriculture: Agriculture and allied activities (fisheries, horticulture, floriculture). • Interdependence between agriculture and industry 	4
Chapter 3: Structural changes and Agriculture in India <ul style="list-style-type: none"> • Traditional agriculture and its modernisation • Changes in the share of agriculture to G.D.P., reasons, and way forward • Changes in the percentage of employment generated by agriculture in the total workforce- reasons and way forward 	5
Practicum:	

Note: Strictly follow the Practicum

<ul style="list-style-type: none"> • Visit a few nearby agricultural farms, discussing with farmers about crops grown, productivity, farm practices and the problems the farmers are facing, and the solutions. Then writing an assignment • Group Discussions on the declining contribution of agriculture to G.D.P. 	
Unit – 2 Theory of agricultural growth and development	12 Hrs
Chapter 4: Transformation of traditional agriculture <ul style="list-style-type: none"> • Schultz's transformation of traditional Agriculture • Mellor Model of agricultural development 	2
Chapter 5: Dual economy models and other theories <ul style="list-style-type: none"> • Jorgenson's Model of Development of Dual Economy • Arthur Lewis's theory of Unlimited supplies of Labour • Fei-Ranis Model of Economic growth • Todaro Model of Rural-Urban Migration and Unemployment 	6
Practicum: <ol style="list-style-type: none"> 1. Group Discussions on various Agricultural growth and development theories. 2. Debate on the relevance of the agricultural theories in the present agricultural situation in India 	4
Unit -3: Strategy of Agricultural Development in India	16 Hrs
Chapter 6: Land Reforms and Policy <ul style="list-style-type: none"> • Resource Allocation and Capital Formation. • Institutional v/s Technological Factors. • Pre-Land Reform Agrarian Scenario, • Post-Independence Agrarian Reforms, Legislation, and Implementation • Abolition of Intermediaries: Tenancy Reforms, Ceiling Legislation Implementation • Role of Technological factors in Agricultural Growth: High Yielding Varieties of Seeds, Irrigation and Water, Fertilisers, Mechanisation • Economic Reforms and Agriculture, • W.T.O. and Indian Agriculture 	4
Chapter 7: Agriculture Finance <ul style="list-style-type: none"> • Role, Importance and features of Agricultural Finance • Basic economic principles and Criteria involved in Finance, • Need for Agriculture credit. • Estimates of Rural Financial Requirements. • The extent of Agricultural Finance • Problems of Agricultural Finance and suggestions to improve Agricultural Finance • Sources of Agricultural Finance; Institutional and Non -Institutional Credit Financing through N.A.B.A.R.D., Co-operatives, Commercial Banks and RRBs. • Money Lenders; Role, Defects, Regulations, and Reasons for money lenders still one being one of the sources. • Financial Institutions and credit flow to the rural/priority sector • Micro-Financing and Role of M.F.I.'s, N.G.O.'s and S.H.G.'s. 	6
Chapter 8: Agricultural Marketing <ul style="list-style-type: none"> • Definition and need for an efficient Marketing System 	6

<ul style="list-style-type: none"> • Nature of Demand for Farm Products. • Structure of Agricultural Product Markets. • Functions of Marketing • Present System of Indian Agricultural Marketing; Problems of Indian Agricultural Marketing • Government Measures to improve Indian Agricultural Marketing 	
<p>Practicum</p> <ol style="list-style-type: none"> 1. Write an assignment on the impact of land reforms in India 2. Discuss the maximum acres of agricultural land an individual can own in Karnataka vis-a-vis other states. 3. Quiz on the strategy of agricultural development in India 	
<p>References</p>	
1	Lekhi R K, Joginder Singh (2022), Agricultural Economics, Kalyani Publishers, New Delhi
2	Dantwala, M.L. et al. (1991), Indian Agricultural Development Since Independence, Oxford & IBH, New Delhi.
3	Government of India (1976), Report of the National Commission on Agriculture, New Delhi.
4	Government of India, Economic Survey (Annual), New Delhi.
5	Gulati, A. and T. Kelly (1999), Trade Liberalization and Indian Agriculture, Oxford University Press, New Delhi.
6	Reserve Bank of India, Report on Currency and Finance (Annual), Mumbai
7	Rudra, A. (1982), Indian Agricultural Economics: Myths and Reality, Allied Publishers, New Delhi

BA Honours
In
Economics
4th Semester

**BANGALORE UNIVERSITY,
JNANA BHARATHI,
BENGALURU**

Semester IV

Course Title	Monetary Economics		
Course Code:	DSC-C8.2	No. of Credits	3
Contact hours	42.30	Duration of SEA/Exam	2.30
Formative Assessment Marks	40	Summative Assessment Marks	60

Course Outcomes (COs):		
After the successful completion of the course, the student will be able to:		
CO1: Acquire knowledge of the supply and demand of Money		
CO2: Understand and interest in determination theories.		
CO 3: Appreciate the Implications for Monetary Management		
CO 4: Understand the relationship between inflation and unemployment		
CO 5: Acquire knowledge of the working of business cycles		
Contents		42 Hrs.
Unit 1	Money and the Economy	14 Hrs.
	Chapter 1 Money Supply: <ol style="list-style-type: none"> 1. Definitions of Money supply; 2. Money supply and Value of Money; 3. Classical and Keynesian views on the supply of money, 4. Determinants of money supply, <ol style="list-style-type: none"> a. High-powered money, b. money multiplier 5. The reserve ratio and deposit multiplier 	6 hrs.
	Chapter 2 Definition of money supply in India <ol style="list-style-type: none"> 1. Money supply measures by RBI M1, M2, M3, M4 2. Liquidity Aggregates – L1, L2, and L3 3. Trends of Money Supply in India 	3 hrs.
	Chapter 3 Demand for Money; <ol style="list-style-type: none"> 1. Meaning and Importance 2. The Classical Approach, 3. The Keynesian Approach, 4. Liquidity preference, 5. The Post- Keynesian Approaches 6. Friedman’s Theory of the Demand for Money 	5 hrs.

Practicum:			
<ul style="list-style-type: none"> • Work out the numerical exercise on the working of the money multiplier • Assignment on Classical and Keynesian views on the Supply of money 			
Unit 2	Module: Interest Rate theories and Interest Rates		12.30
	Chapter 4	Theories of Interest Rate determination <ol style="list-style-type: none"> 1. Classical Theory of Interest 2. Neo-Classical or the loanable fund's theory of interest, 3. Keynes's liquidity preference theory of interest 4. Modern theories of interest; IS-LM Curve Approach 	7 hrs.
	Chapter 5	Interest Rates <ol style="list-style-type: none"> 1. Interest rate and investment, Income and output 2. Heterogeneity of Interest Rate Determination: Administered Interest Rates and Market Determined Interest Rates 3. Interest rates and Demand for Money 	5 hrs.
Practicum:			
<ul style="list-style-type: none"> • Visit a commercial bank or cooperative bank and learn the interest rates for various loans and write an assignment • Write the assignment on interest determination theories. 			
Unit 3	Inflation, Monetary Policy and Business Cycle		16 Hrs.
	Chapter 6	Inflation <ul style="list-style-type: none"> • Definitions of Inflation, • causes of Inflation, • Types of Inflation-demand push inflation and cost-push inflation; inflationary gap; • Effects of Inflation, • Measures to control Inflation • Relationship between inflation and unemployment- The Philips curve-short and long run 	6 hrs.
	Chapter 7	Monetary policy <ul style="list-style-type: none"> • Monetary policy: Meaning, objectives • Measures of Monetary policy • The Time Lags in the Monetary Policy • The efficiency of Monetary Policy • Implications for Monetary Management. • Limitations of Monetary Policy • Monetary policy in India and control of Inflation 	6 hrs.
	Chapter 8	Business Cycles Meaning, Types of the business cycle, Features of the business cycle Phases of the businesscycle; Control of Business Cycles.	4 hrs.

Practicum:

- Visit the market for four successive weeks on scheduled dates and see the change in the select food items and write an assignment.
- Derive the graphical model showing the relationship between unemployment and inflation using the short-run Phillips curve and the long-run Phillips curve

References

1. Crowther Geoffrey (1940), An Outline of Money, Thomas Nelson and sons Ltd. London
2. Dernburg and McDougal (1985), Macro Economics, McGraw Hill Education, New York
3. Gupta S.B. (2010), Monetary Economics, S. Chand and Company.
4. Hanson Alvin H. (1949), Monetary Theory and Policy, McGraw Hill Publication
5. Hanson J.L. (1970), Monetary Theory and Practice, McDonald's and Evans Ltd. London
6. Schumpeter J.A. (1939), Business Cycles, McGraw Hill Publication
7. Seth M.L. (2017), Macro Economics, Laxminarayan Agarwal Publication
8. Vaish M.C. (2009). Monetary Policy, Vikas Publishing House New Delhi