

Sardar Patel University, Mandi (H.P.)-175001

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Department of Economics



Scheme & Syllabus

of

Bachelor of Arts (Honours with Research)

in

Economics

[Four Years Multidisciplinary Programme]

Based on NEP 2020

Effective from 2026-27 onwards

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Programme: B.A. (Hons. with Research) in Economics [PEOs, PSOs and POs]

Program Educational Objectives (PEOs)

The PEOs will enable students to

PEO-1: Develop a strong foundation in economic theories, principles, and analytical frameworks to understand economic issues at local, national, and global levels.

PEO-2: Equip students with quantitative, statistical, and research skills to analyze economic data, evaluate policies, and undertake independent research.

PEO-3: Foster critical thinking, communication, leadership, ethical values, and problem-solving abilities for effective participation in academic, professional, and social environments.

PEO-4: Prepare graduates for higher education, research, public policy, financial services, business, entrepreneurship, and diverse career opportunities in government, industry, and international organizations.

PEO-5: Promote lifelong learning, innovation, sustainability, and social responsibility to contribute meaningfully to economic development and societal well-being.

Program Specific Outcomes (PSOs)

The B.A. (Hons. with Research) in Economics programme is designed to

PSO-1: Apply microeconomic, macroeconomic, mathematical, and statistical concepts to analyze economic behaviour, markets, and public policy issues.

PSO-2: Demonstrate proficiency in economic data analysis, econometric techniques, and the use of statistical and digital tools for economic decision-making.

PSO-3: Evaluate national and international economic issues related to growth, development, trade, finance, employment, inequality, and sustainability.

PSO-4: Conduct independent and interdisciplinary research using appropriate methodologies, analytical frameworks, and evidence-based approaches.

PSO-5: Communicate economic ideas effectively and apply ethical, professional, and policy-oriented perspectives in addressing real-world economic challenges.

Program Outcomes (POs)

After successfully completing B.A. (Hons. with Research) in Economics programme the students will be able to

PO1: Disciplinary Knowledge

Demonstrate comprehensive knowledge of economic theories, principles, models, and applications in microeconomics, macroeconomics, public finance, international economics, and development economics.

PO2: Critical Thinking and Problem Solving

Apply logical reasoning, analytical thinking, and quantitative methods to identify, analyze, and solve economic and social problems.

PO3: Research Competency

Design and conduct economic research, collect and analyze data, interpret findings, and present evidence-based conclusions using appropriate methodologies.

PO4: 4.Quantitative and Analytical Skills

Utilize mathematical, statistical, and econometric techniques to analyze economic data and support informed decision-making.

PO5: 5.Economic Policy Analysis

Evaluate economic policies and their implications for growth, employment, inflation, poverty, inequality, sustainability, and social welfare.

PO6: Digital and Technological Competence

Use statistical software, spreadsheets, data visualization tools, and digital resources for economic analysis and research.

PO7: Communication Skills

Communicate economic concepts, policy recommendations, and research findings effectively through written reports, presentations, and discussions.

PO8: Ethics and Professional Responsibility

Apply ethical principles, integrity, and professional standards in economic analysis, research, and public decision-making.

PO9: Leadership and Teamwork

Work effectively as an individual and as a member or leader of multidisciplinary teams in academic, professional, and community settings.

PO10: Lifelong Learning

Engage in self-directed learning and adapt to emerging developments in economics, technology, public policy, and global economic systems.

PO11: Multidisciplinary Integration

Integrate knowledge from economics, business, statistics, political science, environmental studies, and related disciplines to address complex societal challenges.

PO12: Employability and Entrepreneurship

Develop competencies required for higher education, research, civil services, banking, financial institutions, policy think tanks, corporate sectors, international organizations, and entrepreneurial ventures.

Important Notes

- In the first semester, students will be offered three different subjects within the same stream: A, B, and C
- The student will be required to give his/her Major and Minor at the end of the second semester. Such choices, including DSCs made at the end of the second semester, shall remain in effect until the VI semester
- The DSCs of another discipline for the first two semesters of students who opt for Major programmes will be treated as Minors.
- MDCs must be selected from a broad discipline/pool of MDCs other than Major and Minor disciplines/subjects
- AEC/VAC/SEC-3 should be chosen from a pool of courses. Every discipline shall provide these courses, some of which will be offered discipline-specific, while the rest can be open to students of all other disciplines. However, the two SECs (SEC-1 & SEC-2) must be chosen from the discipline-specific (Core and Minor).
- Internship / Apprenticeship/ Project/ Community Outreach will be determined at the end of the first semester to enable students to carry out some INP/APT/PRT/COM activities during winter vacation.
- To pursue an Honours & Honours with research in the 4th year, students will have to successfully complete 3-year UG Degree and choose only one discipline in both semesters, in which s/he have studied 6 DSCs and 5 DSEs in the first three years.
- A student who secures 75% or more marks in aggregate till semester 6 (up to a 3-year degree) shall be eligible for a 4-year degree Honours with Research, provided SPU has approved the college to offer it.
- The Dissertation and Project will start in the VII semester. However, the evaluation and assessment will be conducted in both the VII and VIII semesters.
- As permitted under the UGC Guidelines for Multiple Entry and Exit in Academic Programmes offered in Higher Education Institutions, students will be allowed to enter/re-enter in the odd semesters and after even semesters, provided they fulfill the minimum requirements for entry and exit
- A student shall be eligible to appear in the end-semester examination only if he/ she has a minimum of 75% attendance. The terms and rules governing condoning can be found in the Examination Section of the Ordinance.

Break-Down of Credits-Semester wise

Course Type/ Semester	DSC	DSE	MDC	SEC	AEC	VAC	INP/APT/PRT/COM or Vocation Course	DIS	Total
I	12	-	3	3	2	-	-	-	20
II	12	-	3	3	-	2	4	-	24
Exit option with UG Certificate after securing 44 credits along with entry option to second year or third semester									
III	8 (MJ)+4 (MN)	-	3	3	2	2	-	-	22
IV	8 (MJ)+4 (MN)	4	-	-	2	2	-	-	20
Exit option with UG Diploma after securing 86 credits along with entry option to third year or fifth semester									
V	8 (MJ)+4 (MN)	8	-	-	2	-	-	-	22
VI	8 (MJ)+4 (MN)	8	-	-	-	-	-	-	20
Award of 3Year Bachelor's Degree after completion of 128 credits									
VII	12(MJ)	4	-	-	-	-	-	4	20
VIII	8(MJ)	4	-	-	-	-	-	8	20
Bachelor's Degree(Honours with Research)after completion of 168 credits									
Total Credits	92 (76MJ+16MN)	28	9	9	8	6	4	12	168

Abbreviations: DSC-Discipline Specific Core, DSE- Discipline Specific Elective, MDC-Multidisciplinary Course, SEC-Skill Enhancement Course, AEC-Ability Enhancement Course, VAC-Value Added Course, MJ-Major, MN-Minor, INP/APT/PRT/COM-Internship / Apprenticeship/ Project/ Community Outreach, DIS-Dissertation

Semester wise Scheme

Semester-I

S. No.	Course Code	Course Title	Category	L	T	P	C	CH	Theory Assessment		Practical Assessment		Total
									IA	ESE	IA	ESE	
1	BECON-DSC-101	Elementary Microeconomics	DSC	4	0	0	4	4	30	70	-	-	100
2	BXXXX*-DSC-101*		DSC	4	0	0	4	4	30	70	-	-	100
3	BXXXX*-DSC-101*		DSC	4	0	0	4	4	30	70	-	-	100
4	BXXXX*-MDC-101*		MDC	3	0	0	3	3	25	50	-	-	75
5	BECON-SEC-101	Economics of Agriculture in Himachal Pradesh	SEC	3	0	0	3	3	25	50	-	-	75
6	BXXXX*-AEC-101*		AEC	2	0	0	2	2	15	35	-	-	50
Total							20	20					
Cumulative Credits							20						

Abbreviations: L-Lecture, T-Tutorial, P-Practical, C-Credits, CH-Contact Hours, IA-Internal Assessment, ESE- End Semester Examination

Note:

- XXXX*- Short form of the department whose MDC/Subject is offered in the curriculum.

Semester-II

S. No.	Course Code	Course Title	Category	L	T	P	C	CH	Theory Assessment		Practical Assessment		Total
									IA	ESE	IA	ESE	
1	BECON-DSC-201	Elementary Macroeconomics	DSC	4	0	0	4	4	30	70	-	-	100
2	BXXXX*-DSC-201*		DSC	4	0	0	4	4	30	70	-	-	100
3	BXXXX*-DSC-201*		DSC	4	0	0	4	4	30	70	-	-	100
4	BXXXX*-MDC-201*		MDC	3	0	0	3	3	25	50	-	-	75
5	BECON-SEC-201	Elementary Statistics	SEC	3	0	0	3	3	25	50	-	-	75
6	BXXXX*-VAC-201*		VAC	2	0	0	2	2	15	35	-	-	50
7	BECON- INP/APT/PRT/COM-201		INP/APT/PRT/COM*	-	-	-	4	12	100	-	-	-	100
Total								24	32				
Cumulative Credits								44					

Note:

- Exit option with UG Certificate after securing 44 credits (*with 4 credits of INP/APT/PRT/COM or work-based vocational course offered during winter/summer term), along with entry option to second year or third semester.

Syllabus of B.A. (Hons. with Research) in Economics Programme

S. No.	Course Code	Course Title	L	T	P	C	CH	Course Type
1	BECON-DSC-101	Elementary Microeconomics	4	0	0	4	60	Core
Prerequisite		NA						
Course Coordinator		Dr.						

i. Course Objectives:

1. To provide students with a fundamental understanding of microeconomic theories and principles governing consumer and producer behaviour.
2. To develop analytical skills for understanding demand and supply, production and cost functions, and the functioning of different market structures.

ii. Course Outcomes: On completion of this course, the students are expected to

CO1	Explain the basic concepts and principles of microeconomics.
CO2	Analyze consumer behaviour using the concepts of utility and demand.
CO3	Evaluate producer behaviour through production functions and cost analysis.
CO4	Apply the concepts of demand, supply, and market equilibrium to real-world economic situations.
CO5	Compare the characteristics and pricing decisions under different market structures, including perfect competition, monopoly, monopolistic competition, and oligopoly.
CO6	Use microeconomic tools to analyze economic problems and make informed decisions at the individual and firm levels.

iii. Syllabus:

Section	Contents	Contact Hours
1	Introduction <ul style="list-style-type: none"> - Introduction to economics, Problem of scarcity and choice, Nature and scope of microeconomics. - Demand and supply: law of demand, determinants of demand, law of supply, determinants of supply, market equilibrium. Applications of demand and supply: consumer surplus, producer surplus. - Concept of Elasticity: elasticity of demand, calculating price elasticity, income and cross elasticity, elasticity of supply, determinants of elasticity. 	15 Hours
2	Consumer Theory <ul style="list-style-type: none"> - Cardinal Utility Analysis: Concept of utility, Diminishing 	15 Hours

	Marginal Utility, Law of Equi marginal Utility. - Ordinal Utility Analysis: Indifference curves, Budget Line, Consumer Equilibrium by using Indifference Curve Analysis, Price consumption curve and Income consumption curve.	
3	Theory of Production - Production: production functions, law of variable proportions, Stages of Production. - Returns to scale; Isoquant and Iso-cost lines, Producer's equilibrium. - Economies and Diseconomies of scale.	15 Hours
4	Theory of Costs and Revenue - Costs: Definition and types; Theory of Cost: relationship between cost curves. - Market Types: Features of perfect competition, monopoly, monopolistic competition. - Revenue: Definition and concepts of revenue curves under different market conditions.	15 Hours

iv. Suggested readings:

- Bernheim, B. D., & Whinston, M. D. (2009). *Microeconomics*. Tata McGraw-Hill, New Delhi.
- Case, K. E., Fair, R. C., & Oster, S. M. (2017). *Principles of Economics* (12th ed.). Pearson Education.
- Frank, R. H., & Cartwright, E. (2010). *Microeconomics and Behavior* (8th ed.). McGraw-Hill Education, New York.
- Koutsoyiannis, A. (1979). *Modern Microeconomics* (2nd ed.). Palgrave Macmillan.
- Maddala, G. S., & Miller, E. (2004). *Microeconomics: Theory and Applications*. Tata McGraw-Hill, New Delhi.
- Pindyck, R. S., & Rubinfeld, D. L. (2018). *Microeconomics* (9th ed.). Pearson Education.
- Salvatore, D. (2011). *Microeconomic Theory* (Schaum's Outline Series, 4th ed.). Tata McGraw-Hill, New Delhi.
- Varian, H. R. (2019). *Intermediate Microeconomics: A Modern Approach* (9th ed.). W.W. Norton & Company, New York.

v. Evaluation Pattern:

Components	Internal Assessment	Semester End Examination
Marks	30	70
Total Marks	100	

vi. Components of Internal Evaluation:

S. No.	Type of Assessment	Marks
1	Assignments & Presentations	10 marks

2	Class Test/House Test	15 Marks
3	Attendance (The marks would be given in the following manner: (75%-79.9%:1 Mark: 1; 80%-84.9%: 2; 85%-89.9%: 3; 90%-94.9%: 4 and 95%-100%: 5).	5 marks

vii. Instructions for the Paper Setter:

1. Pattern of Mid Semester Examination

S. No.	Particulars	Details
1	Maximum Marks	15 Marks
2	Number of Sections	2 (Section A & Section B)
3	Section A	Consists of five short-answer questions. All questions are compulsory. Each question carries 1 mark.
4	Section B	Consist of three long-answer questions. Attempt any two questions. Each question carries 5 marks.

2. Pattern of End Semester Examination

Part	Section/Block	Questions Set	Questions to be Attempted	Marks per Question	Marks to be Attempted
A	Section/Block I	2	Any 1	14	14
B	Section/Block II	2	Any 1	14	14
C	Section/Block III	2	Any 1	14	14
D	Section/Block IV	2	Any 1	14	14
E	All Sections/Blocks (I, II, III & IV)	10 Short-Answer Questions	Any 7	2	14
Total	—	18 Questions	—	—	70 Marks

viii. Pass marks

S. No.	Requirement	Minimum Percentage
1	Pass in each individual component (CCE, ESE)	35%
2	Pass in aggregate of the subject	40%

S. No.	Course Code	Course Title	L	T	P	C	CH	Course Type
2	BECON-MDC-101	Indian Economy: Basic Concepts	3	0	0	3	45	MDC
Prerequisite		NA						
Course Coordinator		Dr.						

i. Course Objectives:

1. To provide students with a fundamental understanding of the structure, development, and major economic issues of the Indian economy.
2. To familiarize students with economic planning, policy reforms, sectoral developments, and the impact of Liberalization, Privatization, and Globalization (LPG) on India's economic growth.

ii. Course Outcomes: On completion of this course, the students are expected to

CO1	Explain the structural features and major characteristics of the Indian economy.
CO2	Describe the evolution of economic planning and the role of institutions such as the Planning Commission and NITI Aayog.
CO3	Analyze the performance and contribution of the agriculture, industry, and services sectors to India's economic development.
CO4	Evaluate the impact of economic reforms, including Liberalization, Privatization, and Globalization (LPG), on the Indian economy.
CO5	Examine contemporary economic challenges such as poverty, unemployment, inflation, and regional disparities.
CO6	Apply economic concepts to interpret current policy initiatives and assess their implications for India's sustainable and inclusive economic development.

iii. Syllabus:

Section	Contents	Contact Hours
1	Introduction to Indian Economy <ul style="list-style-type: none"> - Concept of an economy and its central economic problems; types of economic systems, and the nature of the economic system adopted by India. - Basic characteristics and state of the Indian economy at the time of independence; and the evolution of India from an underdeveloped to a developing economy. - Structural composition and contribution of primary, secondary and tertiary sectors. 	15 Hours
2	Economic Planning and Reforms in India <ul style="list-style-type: none"> - Economic planning in India: Historical perspective, Planning 	

	<p>Commission, and Five-Year Plans: strategies and outcomes.</p> <ul style="list-style-type: none"> - NITI Aayog: objectives, functions and contribution to transforming the Indian economy. - New Economic Reforms of 1991 and an appraisal of Liberalization, Privatization and Globalization (LPG) and their impact on the Indian economy. 	15 Hours
3	<p>Agriculture, Industry and Service Sector in India</p> <ul style="list-style-type: none"> - Agriculture sector: growth and pattern since 1950; Land reforms, green revolution, Factors influencing agricultural development in India, New Agricultural Policy. - Industrial sector: growth and pattern of industrial development since independence, MSME in India; role, growth and problems. - Service sector: role, growth, pattern, and problems of service sector in India. 	15 Hours

iv. Suggested readings:

1. Acharya, S., & Mohan, R. (Eds.). (2010). *India's Economy: Performance and Challenges*. Oxford University Press, New Delhi.
2. Ahluwalia, I. J., & Little, I. M. D. (Eds.). (1998). *India's Economic Reforms and Development: Essays for Manmohan Singh*. Oxford University Press, New Delhi.
3. Chakravarty, S. (1987). *Development Planning: The Indian Experience*. Clarendon Press, Oxford.
4. Datt, G., & Mahajan, A. (2023). *Indian Economy* (76th ed.). S. Chand Publishing, New Delhi.
5. Jalan, B. (1992). *The Indian Economy: Problems and Prospects*. Viking/Penguin Books India, New Delhi.
6. Kapila, U. (2010). *Indian Economy Since Independence* (21st ed.). Academic Foundation, New Delhi.
7. Mishra, S. K., & Puri, V. K. (2022). *Indian Economy*. Himalaya Publishing House, Mumbai.
8. Panagariya, A. (2008). *India: The Emerging Giant*. Oxford University Press, New York.

v. Evaluation Pattern:

Components	Internal Assessment	Semester End Examination
Marks	25	50
Total Marks	75	

vi. Components of Internal Evaluation:

S. No.	Type of Assessment	Marks
1	Assignments & Presentations	10 marks
2	Class Test/House Test	10 Marks
3	Attendance (The marks would be given in the following manner: (75%-79.9%:1 Mark: 1; 80%-84.9%: 2; 85%-89.9%: 3; 90%-94.9%: 4 and 95%-100%: 5).	5 marks

vii. Instructions for the Paper Setter:

1. Pattern of Mid Semester Examination

S. No.	Particulars	Details
1	Maximum Marks	10 Marks
2	Number of Sections	2 (Section A & Section B)
3	Section A	Consists of four short-answer questions. All questions are compulsory. Each question carries 1 mark.
4	Section B	Consist of three long-answer questions. Attempt any two questions. Each question carries 3 marks.

2. Pattern of End Semester Examination

Part	Section/Block	Questions Set	Questions to be Attempted	Marks per Question	Marks to be Attempted
A	Section/Block I	2	Any 1	12	12
B	Section/Block II	2	Any 1	12	12
C	Section/Block III	2	Any 1	12	12
D	All Sections/Blocks (I, II & III)	10 Short-Answer Questions	Any 7	2	14
Total	—	16 Questions	—	—	50 Marks

viii. Pass marks

S. No.	Requirement	Minimum Percentage
1	Pass in each individual component (CCE, ESE)	35%
2	Pass in aggregate of the subject	40%

S. No.	Course Code	Course Title	L	T	P	C	CH	Course Type
3	BECON-SEC-101	Economics of Agriculture in Himachal Pradesh	3	0	0	3	45	SEC
Prerequisite		NA						
Course Coordinator		Dr.						

i. Course Objectives:

1. To provide students with a fundamental understanding of the agriculture and horticulture sectors and their role in the economy of Himachal Pradesh.
2. To develop students' knowledge of agricultural production, horticultural development, and the economic factors influencing growth and sustainability in the state.

ii. Course Outcomes: On completion of this course, the students are expected to

CO1	Explain the basic concepts of agricultural economics and agricultural production
CO2	Describe the agro-climatic zones, cropping patterns, and major agricultural crops of Himachal Pradesh.
CO3	Analyze the factors influencing agricultural development and the challenges faced by the agriculture sector in Himachal Pradesh.
CO4	Evaluate the economic significance of horticulture and its contribution to the state's economy.
CO5	Assess the role of government policies and schemes in promoting agriculture and horticulture in Himachal Pradesh.
CO6	Apply basic economic tools such as farm budgeting and cost-benefit analysis to agricultural and horticultural production.

iii. Syllabus:

Section	Contents	Contact Hours
1	Agricultural Economics and Farm Management - Agriculture in the sectoral structure of the economy; production functions and agricultural productivity; Cobb–Douglas production function; farm size and efficiency; cost concepts, supply analysis and farm budgeting.	15 Hours
2	Agriculture, Sustainability and Development in Himachal Pradesh - Agro-climatic conditions and crop diversity; agricultural growth and transformation; determinants of agricultural development; sustainability concerns and developmental constraints; government schemes, institutional support and agricultural reforms.	15 Hours
3	Horticulture, Markets and Value Chains in Himachal Pradesh - Horticultural production and productivity trends; contribution of horticulture to economic growth and livelihoods; economics of horticultural crops and cost-benefit analysis; value chains, marketing and post-harvest management; emerging challenges	15 Hours

	and opportunities in horticultural development.	
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iv. Suggested readings:

1. Acharya, S. S., & Agarwal, N. L. (2017). *Agricultural Economics* (6th ed.). New Delhi: Kalyani Publishers.
2. Bilgrami, S. A. R. (2013). *An Introduction to Agricultural Economics*. New Delhi: Himalaya Publishing House.
3. Datt, G., & Nag, B. (2026). *Datt and Sundharam's Indian Economy* (74th ed.). New Delhi: S. Chand Publishing.
4. Government of Himachal Pradesh. (2025–26). *Economic Survey of Himachal Pradesh*. Shimla: Department of Economics and Statistics.
5. Government of Himachal Pradesh. *Annual Administrative Reports* (Latest Issues). Department of Agriculture, Government of Himachal Pradesh.
6. Government of Himachal Pradesh. *Annual Administrative Reports* (Latest Issues). Department of Horticulture, Government of Himachal Pradesh.
7. Lekhi, R. K., & Singh, J. (2015). *Agricultural Economics: An Indian Perspective*. New Delhi: Kalyani Publishers.
8. Singh, I. J., & Dhillon, S. S. (2018). *Agricultural Economics*. New Delhi: Kalyani Publishers.

Additional Online Resources

1. Department of Agriculture, Government of Himachal Pradesh: <https://agriculture.hp.gov.in>
2. Department of Horticulture, Government of Himachal Pradesh: <https://hds.hp.gov.in>
3. Economic and Statistical Department, Government of Himachal Pradesh: <https://himachalservices.nic.in/economics>

v. Evaluation Pattern:

Components	Internal Assessment	Semester End Examination
Marks	25	50
Total Marks	75	

vi. Components of Internal Evaluation:

S. No.	Type of Assessment	Marks
1	Assignments & Presentations	10 marks
2	Class Test/House Test	10 Marks
3	Attendance (The marks would be given in the following manner: (75%-79.9%:1 Mark: 1; 80%-84.9%: 2; 85%-89.9%: 3; 90%-94.9%: 4 and 95%-100%: 5).	5 marks

vii. Instructions for the Paper Setter:

1. Pattern of Mid Semester Examination

S. No.	Particulars	Details
1	Maximum Marks	10 Marks
2	Number of Sections	2 (Section A & Section B)
3	Section A	Consists of four short-answer questions. All questions are compulsory. Each question carries 1 mark.
4	Section B	Consist of three long-answer questions. Attempt any two questions. Each question carries 3 marks.

2. Pattern of End Semester Examination

Part	Section/Block	Questions Set	Questions to be Attempted	Marks per Question	Marks to be Attempted
A	Section/Block I	2	Any 1	12	12
B	Section/Block II	2	Any 1	12	12
C	Section/Block III	2	Any 1	12	12
D	All Sections/Blocks (I, II & III)	10 Short-Answer Questions	Any 7	2	14
Total	—	16 Questions	—	—	50 Marks

viii. Pass marks

S. No.	Requirement	Minimum Percentage
1	Pass in each individual component (CCE, ESE)	35%
2	Pass in aggregate of the subject	40%

S. No.	Course Code	Course Title	L	T	P	C	CH	Course Type
4	BECON-DSC-201	Elementary Macroeconomics	4	0	0	4	60	Core
Prerequisite		NA						
Course Coordinator		Dr.						

i. Course Objectives:

1. To provide students with a comprehensive understanding of fundamental macroeconomic concepts, theories, and the determination of national income, output, and employment.
2. To develop students' ability to analyze macroeconomic issues by applying concepts of consumption, saving, investment, multiplier, and national income accounting.

ii. Course Outcomes: On completion of this course, the students are expected to

CO1	Explain the scope, nature, and importance of macroeconomics and its key concepts.
CO2	Describe the concepts, methods, and limitations of national income accounting and estimation.
CO3	Analyze the determination of national income, output, and employment using Classical and Keynesian approaches.
CO4	Explain the concepts and determinants of consumption, saving, and investment functions.
CO5	Evaluate the role of the multiplier in income and employment generation and its policy implications.
CO6	Apply macroeconomic theories and concepts to interpret contemporary economic issues and formulate informed policy perspectives.

iii. Syllabus:

Section	Contents	Contact Hours
1	Introduction to Macroeconomics and National Income Accounting - What is macroeconomics? Macroeconomic issues in an economy, Difference between macroeconomics and microeconomics. - National Income Accounting and its concepts; Measurement of national income; nominal and real income.	15 Hours
2	Classical and Keynesian Theory of Macroeconomics - Classical Theory of Employment, Say's Law of Market, Limitations of Classical Theory. - Keynesian theory of income and employment, Explanation of under employment equilibrium; Comparison between Classical and Keynesian theory.	15 Hours
3	Consumption and Saving Functions - Consumption: Definition and concept of propensity to consume and its determinants; Psychological Law of Consumption; Determinants of Consumption.	15 Hours

	- Saving function under Classical and Keynesian economics, factors influencing saving.	
4	Investment and Multiplier - Investment: Definition and types, Factors determining Investment, Marginal Efficiency of Capital (MEC). - Equality between saving and investment: Classical, Keynesian and Modern View. - Multiplier: Meaning, types; Working of investment multiplier and leakages, Importance and limitations of multiplier.	15 Hours

iv. Suggested readings:

1. Branson, W. A. (n.d.). *Macroeconomic Theory and Policy*. Harper & Row, New York.
2. Case, K. E., & Fair, R. C. (2007). *Principles of Economics* (8th ed.). Pearson Education.
3. D'Souza, E. (2008). *Macro Economics*. Pearson Education.
4. Diulio, E. (2004). *Macroeconomics* (Schaum's Outline Series). Tata McGraw Hill, New Delhi.
5. Lipsey, R., & Chrystal, K. A. (n.d.). *Economics* (11th ed.). Oxford University Press, New Delhi.
6. Mankiw, N. G. (n.d.). *Macroeconomics* (6th ed.). Tata McGraw Hill.
7. Shapiro, E. (1982). *Macroeconomic Analysis*. Galgotia Publications (Reprint edition).
8. Sikdar, S. (n.d.). *Principles of Macroeconomics* (2nd ed.). Oxford University Press, India.

v. Evaluation Pattern:

Components	Internal Assessment	Semester End Examination
Marks	30	70
Total Marks	100	

vi. Components of Internal Evaluation:

S. No.	Type of Assessment	Marks
1	Assignments & Presentations	10 marks
2	Class Test/House Test	15 Marks
3	Attendance (The marks would be given in the following manner: (75%-79.9%:1 Mark : 1; 80%-84.9%: 2; 85%-89.9%: 3; 90%-94.9%: 4 and 95%-100%: 5).	5 marks

vii. Instructions for the Paper Setter:

1. Pattern of Mid Semester Examination

S. No.	Particulars	Details
1	Maximum Marks	15 Marks

2	Number of Sections	2 (Section A & Section B)
3	Section A	Consists of five short-answer questions. All questions are compulsory. Each question carries 1 mark.
4	Section B	Consist of three long-answer questions. Attempt any two questions. Each question carries 5 marks.

2. Pattern of End Semester Examination

Part	Section/Block	Questions Set	Questions to be Attempted	Marks per Question	Marks to be Attempted
A	Section/Block I	2	Any 1	14	14
B	Section/Block II	2	Any 1	14	14
C	Section/Block III	2	Any 1	14	14
D	Section/Block IV	2	Any 1	14	14
E	All Sections/Blocks (I, II, III & IV)	10 Short-Answer Questions	Any 7	2	14
Total	—	18 Questions	—	—	70 Marks

viii. Pass marks

S. No.	Requirement	Minimum Percentage
1	Pass in each individual component (CCE, ESE)	35%
2	Pass in aggregate of the subject	40%

S. No.	Course Code	Course Title	L	T	P	C	CH	Course Type
5	BECON-MDC-201	Indian Economy: Problems and Policies	3	0	0	3	45	MDC
Prerequisite		NA						
Course Coordinator		Dr.						

i. Course Objectives:

1. To develop students' understanding of the structure, performance, and major developmental challenges of the Indian economy in the context of economic growth and transformation.
2. To equip students with the analytical skills to evaluate contemporary economic issues, public policies, and development strategies, with special reference to the vision of Viksit Bharat @ 2047.

ii. Course Outcomes: On completion of this course, the students are expected to

CO1	Explain the structural features, growth patterns, and key characteristics of the Indian economy.
CO2	Identify and analyze major economic challenges such as poverty, unemployment, inequality, inflation, and food security.
CO3	Examine the impact of demographic changes, population dynamics, urbanization, and human development on India's economic progress.
CO4	Evaluate environmental and sustainability issues and their implications for economic development.
CO5	Assess the impact of economic reforms, government initiatives, and public policies on inclusive growth and sustainable development.
CO6	Apply economic concepts and analytical tools to interpret contemporary issues and critically evaluate India's development strategies in the context of Viksit Bharat @ 2047.

iii. Syllabus:

Section	Contents	Contact Hours
1	Challenges in Indian Economy since Independence <ul style="list-style-type: none"> - Problems of poverty and inequality (income, wealth and regional): definition, estimates, causes and corrective measures. - Unemployment in India: nature, causes and remedial measures. - Food security: need, objectives, importance, and NFSA-2013. - Inflation in India: problem and policies of price stabilization in India. 	15 Hours
2	Emerging challenges in Indian Economy <ul style="list-style-type: none"> - Trends and characteristics of population growth and demographic dividend; its impact on resources, employment and development. 	15 Hours

	<ul style="list-style-type: none"> - India's population policy (2012) and its evaluation. - Urbanization and its effect on economic growth, Issues and challenges of urbanization. - Environmental degradation: resource depletion, climate change risks, and their implications for sustainable development. 	
3	<p>Recent Development in Policies and Programmes</p> <ul style="list-style-type: none"> - Objectives and implications of major contemporary development initiatives and institutional reforms towards Viksit Bharat @ 2047, including: <ul style="list-style-type: none"> - Make in India - Digital India - Atmanirbhar Bharat Abhiyan - Viksit Bharat- Guarantee for Rozgar and Aajeevika Mission (Gramin) (VB-G RAM G) 	15 Hours

iv. Suggested readings:

1. Datt, G., & Nag, B. (2026). *Datt and Sundharam's Indian Economy* (74th ed.). New Delhi: S. Chand Publishing.
2. Government of India. (2013). *National Food Security Act, 2013*. New Delhi: Ministry of Consumer Affairs, Food and Public Distribution.
3. Government of India. (Latest Issues). *Economic Survey*. New Delhi: Ministry of Finance.
4. Government of India. (Latest Issues). *Union Budget Documents*. New Delhi: Ministry of Finance.
5. Government of India. (Latest Policy Documents). *National Population Policy and Related Reports*. New Delhi: Ministry of Health and Family Welfare.
6. Government of India. (Latest Publications). *Reports and Documents on Make in India, Digital India, Atmanirbhar Bharat Abhiyan and Viksit Bharat @ 2047*. New Delhi: Government of India.
7. Government of India. (Latest Reports). *National Action Plan on Climate Change and Related Policy Documents*. New Delhi: Ministry of Environment, Forest and Climate Change.
8. Government of India. (Latest Reports). *Population Projections for India and States*. New Delhi: Ministry of Health and Family Welfare.
9. Government of India. (Latest Reports). *Urban Development and Infrastructure Reports*. New Delhi: Ministry of Housing and Urban Affairs.
10. Kapila, U. (Ed.). (2025). *Indian Economy Since Independence* (36th ed.). New Delhi: Academic Foundation.
11. Ministry of Rural Development, Government of India. (Latest Reports). *Rural Development Programmes, Employment Generation and Livelihood Mission Reports*. New Delhi: Government of India.
12. Mishra, S. K., & Puri, V. K. (2023). *Indian Economy: Its Development Experience* (Latest ed.). Mumbai: Himalaya Publishing House.
13. NITI Aayog. (Latest Issues). *Strategy Papers, Vision Documents and Development Reports*. New Delhi: Government of India.
14. Reserve Bank of India. (Latest Edition). *Handbook of Statistics on the Indian Economy*. Mumbai: Reserve Bank of India.

Additional Online Resources

15. Ministry of Finance, Government of India – Economic Survey and Budget Documents.

16. Ministry of Rural Development – Rural Development and Livelihood Programme Reports.
17. Ministry of Statistics and Programme Implementation (MoSPI) – National Statistical Reports and Databases.
18. NITI Aayog – Strategy, Vision and Policy Documents.
19. Reserve Bank of India – Statistical Publications and Reports.

v. Evaluation Pattern:

Components	Internal Assessment	Semester End Examination
Marks	25	50
Total Marks	75	

vi. Components of Internal Evaluation:

S. No.	Type of Assessment	Marks
1	Assignments & Presentations	10 marks
2	Class Test/House Test	10 Marks
3	Attendance (The marks would be given in the following manner: (75%-79.9%:1 Mark: 1; 80%-84.9%: 2; 85%-89.9%: 3; 90%-94.9%: 4 and 95%-100%: 5).	5 marks

vii. Instructions for the Paper Setter:

1. Pattern of Mid Semester Examination

S. No.	Particulars	Details
1	Maximum Marks	10 Marks
2	Number of Sections	2 (Section A & Section B)
3	Section A	Consists of four short-answer questions. All questions are compulsory. Each question carries 1 mark.
4	Section B	Consist of three long-answer questions. Attempt any two questions. Each question carries 3 marks.

2. Pattern of End Semester Examination

Part	Section/Block	Questions Set	Questions to be Attempted	Marks per Question	Marks to be Attempted
A	Section/Block I	2	Any 1	12	12
B	Section/Block II	2	Any 1	12	12

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C	Section/Block III	2	Any 1	12	12
D	All Sections/Blocks (I, II & III)	10 Short-Answer Questions	Any 7	2	14
Total	—	16 Questions	—	—	50 Marks

viii. Pass marks

S. No.	Requirement	Minimum Percentage
1	Pass in each individual component (CCE, ESE)	35%
2	Pass in aggregate of the subject	40%

S. No.	Course Code	Course Title	L	T	P	C	CH	Course Type
6	BECON-SEC-20I	Elementary Statistics	3	0	0	3	45	SEC
Prerequisite		NA						
Course Coordinator		Dr.						

i. Course Objectives:

1. To provide students with a sound understanding of fundamental statistical concepts and techniques used for the collection, presentation, and analysis of data in the social sciences.
2. To develop students' ability to apply statistical tools such as measures of central tendency, dispersion, correlation, and regression for data analysis and decision-making.

ii. Course Outcomes: On completion of this course, the students are expected to

CO1	Explain the basic concepts, scope, and importance of statistics in social science research.
CO2	Organize and present data using appropriate statistical tables, diagrams, and graphs.
CO3	Compute and interpret measures of central tendency and dispersion for analyzing data.
CO4	Apply correlation analysis to measure and interpret the degree and direction of relationships between variables.
CO5	Use simple regression analysis to estimate relationships and make predictions based on data.
CO6	Apply appropriate statistical techniques to analyze real-life social and economic data and draw meaningful conclusions.

iii. Syllabus:

Section	Contents	Contact Hours
1	<p>Introduction to Statistics</p> <ul style="list-style-type: none"> - Meaning, scope, nature, and functions of statistics - Types of data and their sources, including primary and secondary data; methods of data collection such as census and sampling techniques with their merits and demerits. - Diagrammatic and graphical representation of data. <p><i>(Note: data handling and presentation using Microsoft Excel wherever applicable)</i></p>	15 Hours
2	<p>Measures of Central Tendency and Dispersion</p> <ul style="list-style-type: none"> - Measures of central tendency: Arithmetic Mean, Median, Mode, Geometric Mean, and Harmonic Mean. - Measures of dispersion: Range, Quartile Deviation, Mean Deviation, Variance, Standard Deviation, Coefficient of Variation, and Lorenz Curve for inequality analysis. <p><i>(Note: data handling and presentation using Microsoft Excel wherever applicable)</i></p>	15 Hours

	<i>applicable)</i>	
3	<p>Correlation Analysis</p> <ul style="list-style-type: none"> - Meaning and significance, Types of Correlation, Methods of Studying Correlation: Graphic and Algebraic Methods; Karl Pearson's Coefficient of Correlation, Spearman's Rank Correlation. Properties and Interpretation of Correlation Coefficient. <p><i>(Note: data handling and presentation using Microsoft Excel wherever applicable)</i></p>	15 Hours

iv. Suggested readings:

1. Anderson, D. R., Sweeney, D. J., Williams, T. A., Camm, J. D., & Cochran, J. J. (2020). *Statistics for Business and Economics* (14th ed.). Cengage Learning.
2. Croxton, F. E., Cowden, D. J., & Klein, S. (1973). *Applied General Statistics* (3rd ed.). Prentice-Hall of India, New Delhi.
3. Elhance, D. N., & Elhance, V. (2018). *Fundamentals of Statistics*. Kitab Mahal, New Delhi.
4. Goon, A. M., Gupta, M. K., & Dasgupta, B. (1999). *Fundamentals of Statistics* (Vol. II). World Press, Kolkata.
5. Gupta, S. P. (2019). *Statistical Methods*. Sultan Chand & Sons, New Delhi.
6. Levin, R. I., Rubin, D. S., Rastogi, S., & Siddiqui, M. H. (2017). *Statistics for Management* (8th ed.). Pearson Education, New Delhi.
7. Lind, D. A., Marchal, W. G., & Wathen, S. A. (2018). *Statistical Techniques in Business and Economics* (17th ed.). McGraw-Hill Education.
8. Spiegel, M. R. (1967). *Schaum's Outline of Theory and Problems of Statistics*. McGraw-Hill, New York.

v. Evaluation Pattern:

Components	Internal Assessment	Semester End Examination
Marks	25	50
Total Marks	75	

vi. Components of Internal Evaluation:

S. No.	Type of Assessment	Marks
1	Assignments & Presentations	10 marks
2	Class Test/House Test	10 Marks
3	Attendance (The marks would be given in the following manner: (75%-79.9%:1 Mark: 1; 80%-84.9%: 2; 85%-89.9%: 3; 90%-94.9%: 4 and 95%-100%: 5).	5 marks

vii. Instructions for the Paper Setter:

1. Pattern of Mid Semester Examination

S. No.	Particulars	Details
1	Maximum Marks	10 Marks
2	Number of Sections	2 (Section A & Section B)
3	Section A	Consists of four short-answer questions. All questions are compulsory. Each question carries 1 mark.
4	Section B	Consist of three long-answer questions. Attempt any two questions. Each question carries 3 marks.

2. Pattern of End Semester Examination

Part	Section/Block	Questions Set	Questions to be Attempted	Marks per Question	Marks to be Attempted
A	Section/Block I	2	Any 1	12	12
B	Section/Block II	2	Any 1	12	12
C	Section/Block III	2	Any 1	12	12
D	All Sections/Blocks (I, II & III)	10 Short-Answer Questions	Any 7	2	14
Total	—	16 Questions	—	—	50 Marks

viii. Pass marks

S. No.	Requirement	Minimum Percentage
1	Pass in each individual component (CCE, ESE)	35%
2	Pass in aggregate of the subject	40%