University of Rajasthan Jaipur

SYLLABUS

(Three/ Four Year Under Graduate Programme) in Economics

BA-Economics

V&VI Semester

Examination

2025-26

As per NEP-2020

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राजस्थान विश्वविद्यालय, जयपुर

University of Rajasthan
Department of Economics

Programme Name: UG9102- Four Year B.A (Economics)

The Programme is divided into four parts and each part will consist of two semesters.

Part	Year	Odd Semester	Even Semester
Part-I	First Year	Semester-I	Semester-II
Part-II	Second Year	Semester-III	Semester-IV
Part-III	Third Year	Semester-V	Semester-VI
Part-IV	Fourth Year	Semester-VII	Semester-VIII

Name of University: **University of Rajasthan, Jaipur**

Name of Faculty: **UG9102 -B.A. (Economics)**

Name of Discipline: **Major-Economics**

Programme Prerequisites: **Passed 12th Class**

Programme Outcomes (POs)

1. Students will be introduced to contemporary economic issues and challenges at both national and global levels, promoting a practical understanding of the discipline's relevance.
2. Students will acquire mathematical and statistical skills essential for economic analysis, enabling them to apply these techniques to solve complex economic problems.
3. Students will develop strong critical thinking and problem-solving skills, allowing them to analyze complex economic problems and propose viable solutions. This ability bridges theoretical understanding with practical applications in real-world scenarios, enhancing employability across various sectors.
4. Students will gain insights into the dynamics of economic development, including the roles of financial inclusion, sustainable development initiatives, and government policies.
5. Students will be trained in primary data collection methods and various sampling techniques, equipping them to gather reliable data for economic research.
6. Students will develop the ability to analyze issues related to economic planning and policy formulation, assessing their impact on national and regional development.
7. The programme establishes the groundwork for advanced concepts in Economics, providing students with a structured framework to model and interpret the behaviors and interactions of households, firms, and government institutions.

Programme Outcomes (POs)

1. Develop a strong foundation in core economic concepts, microeconomic and macroeconomic theories, and analytical frameworks used to understand individual, firm, and market behavior.
2. Apply economic reasoning to evaluate contemporary economic issues, public policies, and global economic developments with a critical and analytical mindset.
3. Acquire the ability to use statistical and econometric tools to collect, interpret, and analyze data for informed decision-making and economic research.
4. Develop the capacity to analyze policy alternatives and propose evidence-based solutions to economic problems at the national and international levels.
5. Enhance skills required for employment in sectors such as banking, finance, planning, government services, research institutions, and international organizations, as well as for higher academic pursuits.

SchemeofExaminationfortheSession 2025-2026

SchemeoftheExaminationforPracticalsubjects:

1Credit=25marksforexamination/evaluation

Continuous assessment, in which sessional work and the terminal examination will contribute to the final grade. Each course in Semester Grade Point Average (SGPA) has two components- Continuous assessment (20% Weightage) and (End of Semester Examination) EoSE (80% weightage)

1. Sessional work will consist of class tests, mid-semester examination(s), homework assignments, etc., as determined by the faculty in charge of the courses of study.

2. Each Paper of EoSE shall carry 80% of the total marks of the course/subject. The EoSE will be of 3 hours duration.

Part-A of the paper shall have multiple questions of equal marks. This first question shall be based on knowledge, understanding and applications of the topics/texts covered in the syllabus.

Part-B of the paper shall consist of 4 questions with an internal choice of each. The four questions will be set with one from each of the units with internal choice. Third to fourth questions shall be based on applications of the topics/texts covered in the syllabus (60% Weightage) and shall involve solving Problems (40% Weightage) if applicable.

3. 75% Attendance is mandatory for appearing in EoSE.

4. To appear in the EoSE examination of a course/subject student must appear in the midsemester examination and obtain at least a "C" grade in the course/subject.

5. Credit points in a Course/Subject will be assigned only if, the student obtains at least a C grade in midterm and EoSE examination of a Course/Subject.

SchemeoftheExaminationfor Non-Practicalsubjects:

1Credit=25marksforexamination/evaluation

Continuous assessment, in which sessional work and the terminal examination will contribute to the final grade. Each course in Semester Grade Point Average (SGPA) has two components- Continuous assessment (20% Weightage) and (End of Semester Examination) EoSE (80% weightage)

6. Sessional work will consist of class tests, mid-semester examination(s), homework assignments, etc., as determined by the faculty in charge of the courses of study.

7. Each Paper of EoSE shall carry 80% of the total marks of the course/subject. The EoSE will be of 3 hours duration.

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Part-A of the paper shall have multiple questions of equal marks. This first question shall be based on knowledge, understanding and applications of the topics/texts covered in the syllabus.

Part-B of the paper shall consist of 2 questions with an internal choice of each. The questions will be set with one from each of the units with internal choice. Third to fourth questions shall be based on applications of the topics/texts covered in the syllabus (60% Weightage) and shall involve solving Problems (40% Weightage) if applicable.

Part-C of the paper shall consist of 4 questions with an internal choice of each. The four questions will be set with one from each of the units with internal choice. Third to fourth questions shall be based on applications of the topics/texts covered in the syllabus (60% Weightage) and shall involve solving Problems (40% Weightage) if applicable.

8. 75% Attendance is mandatory for appearing in EoSE.

9. To appear in the EoSE examination of a course/subject student must appear in the midsemester examination and obtain at least a "C" grade in the course/subject.

10. Credit points in a Course/Subject will be assigned only if, the student obtains at least a C grade in midterm and EoSE examination of a Course/Subject.

Contact Hours 15 Weeks per Semester

L — Lecture: (1 Credit = 1 Hour/Week)

T — Tutorial: (1 Credit = 1 Hour/Week)

S — Seminar: (1 Credit = 2 Hours/Week)

P — Practical/Practicum: (1 Credit = 2 Hours/Week)

F — Field Practice/Projects: (1 Credit = 2 Hours/Week)

SA — Studio Activities: (1 Credit = 2 Hours/Week)

I — Internship: (1 Credit = 2 Hours/Week)

C — Community Engagement and Service: (1Credit = 2 Hours/Week)

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Exit and Entrance Policy

1. Students who opt to exit after completion of the first year and have secured 48 credits will be awarded a UG Certificate if, in addition, they complete one internship of 4 credits during the summer vacation of the first year. These students are allowed to re-enter the degree programme within three years and complete the degree programme within the stipulated maximum period of seven years.

2. Students who opt to exit after completion of the second year and have secured 96 credits will be awarded the UG diploma if, in addition, they complete one internship of 4 credits during the summer vacation of the second year. These students are allowed to re-enter within a period of three years and complete the degree programme within the maximum period of seven years.

3. Students who wish to undergo a 3-year UG programme will be awarded UG Degree in the Major discipline after successful completion of three years, securing 150 credits and satisfying the minimum credit requirement.

4. A four-year UG Honours degree in the major discipline will be awarded to those who complete a four-year degree programme with 200 credits and have satisfied the minimum credit requirements.

5. Students who secure 75% marks and above in the first six semesters and wish to undertake research at the undergraduate level can choose a research stream in the fourth year. They should do a research project or dissertation under the guidance of a faculty member of the University/College. The research project/dissertation will be in the major discipline. The students, who secure 200 credits, including 12 credits from a research project/dissertation, are awarded UG Degree (Honours with Research).

LetterGradesandGradePoints

LetterGrade	GradePoint	MarksRange(%)
O(outstanding)	10	91-100
A+(Excellent)	9	81-90
A(Verygood)	8	71-80
B+ (Good)	7	61-70
B(Aboveaverage)	6	51-60
C(Average)	5	40 –50
P(Pass)	4	
F (Fail)	0	
Ab(Absent)	0	

Whenstudentstakeauditcourses,theymaybegivenapass(P)orfail(F)gradewithoutanycredit

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Semester Wise Paper Titles with Details

Name of Programme: UG9102-B.A.(Economics)								
Subject/ Discipline: Economics								
S No	**Level**	**Semester**	**Type**	**Title**	**CREDITS**			
					L	**T**	**P**	**T**
13	7	V	MJR	UG9102--ECO-75T-301: Indian Economy-I	6	0	0	6
14	7	V	MJR	UG9102-ECO-75T-302: Statistics-II	6	0	0	6
16	7	VI	MJR	UG9102--ECO-76T-304 Indian Economy-II	6	0	0	6
17	7	VI	MJR	UG9102--ECO-76T-305 Econometrics	6	0	0	6

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Syllabus

UG9102-B.A.(Economics)
Semester-V: Economics

Type	Paper Code and Nomenclature	Duration of Examination	Maximum Marks(Midterm+ EoSE)	Minimum Marks (Midterm+EoSE)
Theory	UG9102--ECO-75T-301: Indian Economy-I	1 Hrs-MT 3Hrs-EoSE	30 Marks- MT 120 Marks- EoSE	12 Marks-MT 48 Marks-EoSE
Theory	UG9102-ECO-75T-302: Statistics-II	1 Hrs-MT 3Hrs- EoSE	30 Marks- MT 120 Marks- EoSE	12 Marks-MT 48 Marks-EoSE

Semester	**V**
Code of the Course	**UG9102--ECO-75T-301**
Title of the Course/Paper	**Indian Economy-I**
NHEQF Level	**7**
Credit	**6**
Level of the Course	**Introductory**
Type of the Course	**Major**
Delivery Type of the Course	**Lectures**
Objective of the Course	This course aims to equip students with essential economic issues of the Indian economy. This course aims to provide a comprehensive understanding of India's economic landscape, focusing on its foundational elements, sectoral developments, and global economic interactions. It also provides an analytical approach regarding issues and problems of the Indian Economy & various public policies. Simultaneously, it generates a foundation of answer writing in competitive exams and developscritical thinking regarding important economic issues. It creates a deep understanding of the primary and secondary sectors of the Indian economy.

Course Outcomes:

CO1: This section will help the students in understanding the basic characteristics of Indian economy with its primary focus being on demographic features.
CO2: The unit provides a comprehensive overview of Indian agriculture, the country's most prominent sector, which serves as the primary source of livelihood for the majority of the population.
CO3: After studying this unit, students will gain a clear understanding of the industrial sector's performance within the Indian economy.
CO4: This section will enable the students to understand the macroeconomic concepts in terms of Indian economy.

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Unit I

Features of Indian Economy, Natural Resources in India: Lad, Water, Forest and Minerals, Demographic characteristics of India: Population Size and Composition, Demographic dividend and role of population in economic growth of India, Population Policy.**(20 Lectures)**

Unit II

Agriculture Development in India: Its Role and Importance in the economy, Growth during Five Year Plans. Land Tenure System and Land Reforms in India. Agriculture Credit: Role of financial Institutions. Agriculture Marketing: Role of APMCs, MSP and PDS. **(25 Lectures)**

Unit III

Industry: Development of Industrial Sector in India, Industrial Policy, Economic Reforms and Growth of Industries in India. Medium and Small-Scale Industries and their role in the Economy. Sources of Industrial Finance in India. Recent Policies of Central Government to Promote the Industries.
(20 Lectures)

Unit IV

Inflation in India- Concept and Methods of Measuring it: WPI, CPI, GDP Deflator. Government's Policy to Control Inflation. Concepts of Deficits in India: Fiscal, Revenue, Capital, Primary. FRBM Act: Provisions and Progress over the Time. Monetary Policy By RBI. **(25 Lectures)**

Books Recommended:

1. Puri, V.K.; Misra, S.K.; Garg, Bharat (2024). Indian Economy. Himalaya Publishing House

2. Datta &Sundharam (2024) Indian Economy. S.Chand.

3. Agrawal, A.N. and Agrawal, M.K. (2019). Indian Economy: Problems of Development and Planning. New Age International Publishers.

Semester	V
Code of the Course	UG9102-ECO-75T-302
Title of the Course/Paper	Statistics-II
NHEQF Level	7
Credit	6
Level of the Course	Introductory
Type of the Course	Major
Delivery Type of the Course	Lectures

Course Outcomes:

1. Students will be able to understand the key structural features of the Indian economy, and evaluate the role of population dynamics and policy in shaping India's economic development.
2. Students will be able to analyze the role of agriculture in India's economic development, assess the progress of land reforms, and understand the importance of institutional credit and market mechanisms like MSP, APMC, and PDS in agricultural growth.
3. Students will be able to examine the growth and transformation of the industrial sector in India, critically evaluate industrial policies and reforms, and understand the role of MSMEs and industrial finance in promoting economic development.
4. Students will be able to comprehend the concepts and measurement of inflation, analyze government strategies to manage inflation and deficits, and understand the framework and impact of fiscal and monetary policy in India.

Unit I

Karl Pearson's correlation coefficient and its properties and assumptions, Probable and standard error, Spearman's ranking method. Partial and multiple correlation.
Time Series- Components, analysis or decomposition, measurement of secular **(25 Lectures)**

Unit II

Probability- Definition, Basic concepts, Addition and multiplication theorems, Conditional probability, probability of happening of at least one event. Binomial Distribution: meaning, assumptions, characteristics, calculation of Binary outcomes**(20 Lectures)**

Unit III

sampling techniques-simple random sampling, stratified sampling, cluster sampling, and systematic sampling, purposive sampling, sampling and non-sampling errors. **(20 Lectures)**

Unit IV

Chi-square Tests-test of independence, goodness of fit, homogeneity, and t-test – application, assumptions and properties, test of difference between two means, between population and sample mean, paired -t test. **(25 Lectures)**

Books recommended:

1. **S.P. Gupta. Statistical Methods, Sultan Chand Sons, New Delhi.**
2. **M.R. Spiegel. Theory and Problems of Statistics, McGraw Hill Books, London.**
3. **S.C. Gupta and V.K. Kapoor. Fundamentals of Applied Statistics, S Chand and sons, New Delhi.**
4. **Salvator, D. Mathematics and Statistics, Schaum's Series, Tata McGraw Hill.**
5. **G. S. Monga. Mathematics and statistics for Economics, Vikas Publishing House, New Delhi.**
6. **K. N. Nagar. Fundamentals of Statistics, Meenakshi Prakashan, Meerut.**

Syllabus

UG9102-B.A. (Economics)
Semester-VI: Economics

Type	Paper Code and Nomenclature	Duration of Examination	Maximum Marks(Midterm+ EoSE)	Minimum Marks (Midterm+EoSE)
Theory	UG9102--ECO-76T-303 Indian Economy-II	1 Hrs-MT 3Hrs- EoSE	30 Marks-.MT 120 Marks- EoSE	12 Marks-MT 48 Marks-EoSE
Theory	UG9102--ECO-76T-304 Econometrics	1 Hrs-MT 3Hrs- EoSE	30 Marks- MT 120 Marks- EoSE	12 Marks-MT 48 Marks-EoSE

Semester	**VI**
Code of the Course	**UG9102--ECO-76T-303**
Title of the Course/Paper	**Indian Economy-II**
NHEQF Level	**7**
Credit	**6.**
Level of the Course	**Introductory**
Type of the Course	**Major**
Delivery Type of the Course	**Lectures**
Objective of the Course	

Course Outcomes

CO1: Unit I will provide the student with an overview of India's foreign trade, trade policy, and balance of payments. It will also help the student understand the developments in and challenges facing the external sector.

CO2: Unit-II will make the student aware of the problems faced by the Indian economy in the form of unemployment, poverty, inflation and fiscal challenges and the strategies adopted by the government to tackle these problems.

CO3: Unit-III will help the student in understanding the Indian Planning exercise and assessing the achievements and failures of this exercise.

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CO4:Unit IV will enable the student to understand the basic structure of fiscal federalism in India and the role played by the different Finance Commissions in shaping the fiscal relations between the Centre and the states.

Syllabus

UG9102--ECO-76T-303 Indian Economy-II

Unit-I

Foreign Trade: Size, composition and direction of India's Foreign Trade (exports and imports). Structural changes in India's exports: Changes in commodity composition, movetowards value addition, and moving awayfrom traditional exports towards new manufactured products. Export of services. India's Balance of Payments and its trends: Merchandise and Invisible trade balance, Current Account and Capital Account. Causes and measures to correct an unfavourable balance of trade. India's Foreign Trade Policy.**(25 Lectures)**

Unit-II

Problems and Challenges of Indian Economy: Unemployment, concepts and measurement of unemployment, types and causes of unemployment in India, strategies and policy for employment generation adopted by the government; Poverty, concepts and measurement of poverty, determinants of poverty, strategy for poverty alleviation adopted by the government, role of MNREGA; Inflation; Fiscal deficit and Fiscal Management and Reforms.**(25 Lectures)**

Unit-III

Planning in India: Rationale, objectives and features of Planning, Development Strategy, Resource allocation and financing of plans, Assessment of Indian Planning. The Gadgil Formula. Planning Commission,evolution and functioning of NITI Aayog.**(20 Lectures)**

Unit IV

Fiscal Federalism in India: The division of fiscal powers and functions. Finance Commissions: sharing of tax revenues, devolution formulae of the Finance Commissions, Grants-in-Aid and other grants from the centre to the states via the Finance Commissions. **(20 Lectures)**

Books Recommended:

1. Puri, V.K.; Misra, S.K.; Garg, Bharat;Indian Economy (latest edition). Himalaya Publishing House.

2. Datta &Sundharam; Indian Economy (latest edition). S.Chand.

3. Agrawal, A.N. and Agrawal, M.K.; Indian Economy: Problems of Development and Planning (latest edition). New Age International Publishers.

4. Kapila, Uma; Indian Economy (latest edition). Academic Foundation.

Semester	VI
Code of the Course	UG9102--ECO-76T-304
Title of the Course/Paper	Econometrics
NHEQF Level	7
Credit	6
Level of the Course	Introductory
Type of the Course	Major
Delivery Type of the Course	Lectures
Objective of the Course	This course provides the basic knowledge of the econometric concepts and their methodological aspects. Students will be able to formulate econometric models to analyze data and then would be able to establish any cause-effect relationship in their preferred areas of interest.

Course Outcomes:

CO1: This course will help students to conceptualise the basics of econometrics, and they will learn about the nature of data and the measurement scale of variables, which is an important prerequisite to construct a model.

CO2: They will understand the basic concepts of Hypothesis, which help them to test the constructed hypothesis and make statistical inferences about the population on the basis of the obtained sample statistic. Students will also get acquainted with various functional forms of the regression model, which guide them to choose the relevant model in their specific area of study.

CO3: Students will learn the basics of population and sample regression function and also get acquainted with the method of Ordinary Least Squares which enable them to apply the OLS method in their chosen field of interest.

CO4: It equips the students with depth understanding of regression analysis and thereby they can estimate linear regression models using Ordinary Least Square method and make inferences about population parameters.

Syllabus

UG9102--ECO-76T-304 Econometrics

Unit I

Econometrics: Nature, Definition, Scope, Significance and Divisions. Aim and Methodology of Econometrics. Statistical versus Deterministic Relationships. Regression versus Causation; Regression versus Correlation. Terminology and Notation. Measurement Scale of the Variables: Ratio, Interval, Ordinal and Nominal Scale. Types of Data: Time Series, Cross-Section and Panel data.**(20 Lectures)**

Unit II

Basic concepts of Hypothesis: Types of Hypotheses; Type I and Type II error; Level of Significance and Power of a Test; One-tailed and Two-tailed test. Statistical Inference: Point and Interval Estimations. Hypothesis Testing Approaches: The Confidence Interval Approach and The Test of Significance Approach. Functional Forms of Regression Models.**(25 Lectures)**

Unit III

Two Variable Regression Model: Concept of PRF & SRF; Significance of Stochastic Disturbance Term. Assumptions of OLS Method; Deriving the OLS Estimators; Properties of Least Squares Estimators: The Gauss-Markov Theorem. **(25 Lectures)**

Unit IV

Goodness of Fit. Fitting a Trend line. Regression through Origin. Statistical Inference in the Simple Linear Regression Model; Illustration using Numerical Example, Result Interpretation and Reporting the Results of Regression Analysis.**(20 Lectures)**

Books Recommended:

1. Koutsoyiannis: Introduction to Econometrics, Tata McGraw-Hill Publication.

2. Damodaran Gujarati: Basic Econometrics, Tata McGraw-Hill Publication.

3. Damodar Gujarati: Econometrics by Examples, Bloomsbury Publishing.

4. Sankar Kumar Bhaumik: Principles of Econometrics, Oxford University Press.

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