



Royal College of Arts Science and Commerce (Autonomous)

Program: S.Y.B.A.

Course: ECONOMICS

Syllabus for Semester: III and IV

Syllabus for Undergraduate Programme as per
National Education Policy (NEP-2020) with effect from the
Academic year 2025-2026

Programme Outcomes (POs)

Sr.No.	On completing B.A., the students will be able to:
PO1	Describe and define concepts of the major and elective papers
PO2	Demonstrate scientific temperament when faced with varied worldviews.
PO3	Develop professional skills and an ability to apply theory into practice in real-life situation
PO4	Demonstrate integrity, tolerance and sensitivity in social interactions in a multicultural and digital world
PO5	Demonstrate ethical ideals and academic responsibility

Programme Specific Outcomes (PSOs) for Economics

Sr.No.	On completing B.A. Economics, the student will be able to:
PSO1	Demonstrate understanding of key economic concepts, theories, models, and institutional frameworks from ancient and modern economics.
PSO2	Apply economic theories, statistical tools, research methods, and data visualization techniques to analyse real-world economic issues.
PSO3	Critically evaluate economic policies, financial reforms, development strategies, and fiscal, monetary, and trade interventions.
PSO4	Formulate research problems, analyse economic data, interpret results, and prepare structured research reports.
PSO5	Apply economic knowledge to design inclusive and sustainable solutions to socio-economic challenges.
PSO6	Demonstrate academic integrity, gender sensitivity, and effective written and oral communication.
PSO7	Use digital tools, statistical software, and data visualisation for economic analysis and research.
PSO8	Develop continuous learning, critical inquiry, and adaptability to emerging economic knowledge.
PSO9	Work effectively in teams and demonstrate leadership in academic and professional contexts.
PSO 10	Students will be able to communicate economic ideas clearly through written, oral, and digital formats.

BA -UG Credit Structure from 2024 - 2027

Level	SEM	Eco/Hindi/Socio/Pol.Sci/Psy				Eco/Socio/Pol.Sci/Psy	Eco/Hindi/Socio/Pol.Sci/Psy	Inter. Dis	Skills			FC/language/EVS			OJT, FP, RP, CEP, CC				Cum Credit	Degree/Cum Credit
		Major Subject 1 (DSC)	Major Subject 2 (DSC)	Major Subject 3 (DSC)	Major IKS	Elective (DSE)	Minor		OE	VSC	SEC	IKS Generic	AEC	VEC	CC	CEP	FP	OJT		
	I	4	0	0	0	0	4	4	2	2	2	2	2	0	0	0	0	22	44 UG = Certificate	
	II	4	0	0	0	0	4	4	0	2	0	2	2	4	0	0	0	22		
	Sem 1 & 2	8				0	8	8	6			10			4				44	
A major subject shall be decided by the student between subject 1 and 2 at the end of semester two																				
5 (2025 - 2026)	III	4	4	0	0	0	4	2	2	2	0	2	0	0	2	0	0	22	88 UG = Diploma	
	IV	4	4	0	0	0	4	2	0	2	0	2	0	0	0	4	0	22		
	Sem 3 & 4	24				0	16	12	12			14			10					88
Exit option with a UG Diploma in Major and Minor with an additional 4 credits core NSQF course/internship OR continue with Major and Minor																				
5.5 (2026 - 2027)	V	4	4	2	2	4	2	0	2	0	0	0	0	0	0	0	2	22	132 UG = Degree	
	VI	4	4	4	0	4	2	0	2	0	0	0	0	0	0	0	2	22		
	Sem 5 & 6	48				8	20	12	16			14			14					132
Major, Elective = 50 % of the total credits																				
Minor 18-20 credits																				
OE/ Generic Electives 10-12 credits VSC/ SEC = 14 - 16																				

Course/ Paper Title	MACROECONOMICS -I (paper-III)
Course offered as	ECONOMICS- (Major)
Course Code	RUAECMJ301
Semester	III
No. of Credits	4
No. of lecture Hours/week	4

Sr No.	Course Objectives:
1	To introduce the concepts of macroeconomics
2	To explain theories of macroeconomics such as employment, consumption, and investment functions.
3	To provide understanding of money supply, demand for money, and monetary concepts.
4	To familiarize students with the structure and functions of commercial and central banking.

Course Outcome

	On completing the course, the student will be able to:
CO1	Explain macroeconomic concepts, national income aggregates, and circular flow models.
CO2	Analyse employment theories and apply consumption and investment concepts.
CO3	Examine money supply, demand, and monetary approaches.
CO4	Describe the functions and role of commercial banks and central bank.

**DETAILED SYLLABUS
SEMESTER-III**

Module	Title with content	No. of lectures
I	<p>Introduction to Macro Economics and National Income</p> <ul style="list-style-type: none"> • Introduction: Meaning and Scope of Macro Economics • Basic National Income aggregates: GNP, NNP, NDP, Per Capita Income, Personal Income and Disposal Income • Methods and Difficulties in Measurement of National Income • Circular Flow of National Income: Closed Economy (Two and Three Sector) and Open Economy Models (Four Sector Model) 	12 LECTURES
II	<p>Consumption and Investment</p> <ul style="list-style-type: none"> • Classical Theory of Employment- Say's Law of Market • Keynes' Criticism on Classical Theory • Keynesian Theory of Employment – Aggregate Supply Price and Aggregate Demand Price, Employment Determination • Consumption Function: Meaning, Various Concepts - APC, MPC, Psychological Law of Consumption, Factors Influencing Consumption Function • Investment Function; Marginal Efficiency of Capital and Rate of Interest- Investment Multiplier 	12 LECTURES
III	<p>Supply of Money and Demand for Money</p> <ul style="list-style-type: none"> • Demand for Money: Classical, Keynesian and Friedman's Approaches • Supply of Money; Determinants of Money Supply • Velocity of Circulation of Money • RBI's Approach to Measurement of Money Supply 	12 LECTURES
IV	<p>Banking</p> <ul style="list-style-type: none"> • Banking: Commercial Bank, Functions of Commercial Banks, Multiple Credit Creation, Balance Sheet of Commercial Bank • Central Bank: Functions of Central Bank - Traditional, Developmental and Promotional function 	12 LECTURES

References:

1. Abel, A. B., Bernanke, B. S., & Croushore, D. (2011). *Macroeconomics*. Pearson.
2. Ahuja, H. L. (2008). *Macroeconomics: Theory and policy*. S. Chand & Company Ltd.
3. Dornbusch, R., Fischer, S., & Startz, R. (2017). *Macroeconomics* (Indian edition). McGraw Hill.
4. Dwivedi, D. N. (2007). *Macroeconomics: Theory and policy*. Tata McGraw-Hill.
5. Mankiw, N. G. (2015). *Principles of macroeconomics* (7th ed.). Cengage Learning.
6. Samuelson, P., & Nordhaus, W. (2010). *Economics*. McGraw Hill.

Course/ Paper Title	MACROECONOMICS -II(Paper-V)
Course offered as	ECONOMICS- (Major)
Course Code	RUAECMJ401
Semester	IV
No. of Credits	4
No. of lecture Hours/week	4

Sr No.	Course Objectives:
1	To understand the concept, functions, and theories related to money and its value.
2	To explain inflation, deflation, stagflation, and their control measures.
3	To introduce the concept, phases, causes, and control of business cycles.
4	To familiarize students with objectives and instruments of monetary and fiscal policies.

Course Outcome

	On completing the course, the student will be able to:
CO1	Explain functions of money and analyse theories of value of money.
CO2	Analyse types, causes, and control measures of inflation and related concepts.
CO3	Describe phases and evaluate causes and measures to control business cycles.
CO4	Explain and compare monetary and fiscal policy instruments and their effectiveness.

**DETAILED SYLLABUS
SEMESTER-IV**

Module	Title with content	No. of lectures
I	Money <ul style="list-style-type: none"> • Meaning and Functions • Value of Money – Meaning, Quantity Theory of Money, Cash Balance Approach 	12 LECTURES
II	Inflation <ul style="list-style-type: none"> • Inflation – Meaning, Types, Causes – Demand Pull and Cost Push Inflation, Effects • Measures to Control Inflation • Deflation – Meaning, Causes and Effects • Stagflation – Meaning, Causes and Consequences • Philips Curve 	12 LECTURES
III	Business Cycle <ul style="list-style-type: none"> • Meaning, Features and Phases of Business Cycle • Causes and effects of trade cycle • Control of Business Cycle-Monetary measures and Fiscal measures 	12 LECTURES
IV	Macroeconomic Policies <ul style="list-style-type: none"> • Objectives of Macroeconomic Policies • Monetary Policy - Meaning, Instruments, Advantages and Limitations • Fiscal Policy-Meaning, Instruments, Advantages and Limitation 	12 LECTURES

Reference

- 1 Ahuja, H. L. (Year). *Macroeconomics: Theory and Policy*. S. Chand & Company Limited.
- 2 Blanchard, O., & Johnson, D. (2017). *Macroeconomics* (7th ed.). Pearson.
- 3 Colander, D. (2020). *Macroeconomics* (11th ed.). McGraw Hill Education.
- 4 Dwivedi, D. N. (2020). *Macroeconomics: Theory and Policy* (5th ed.). McGraw Hill education.
- 5 Eroll D'Souza, (2008), *Macroeconomics*, Pearson Education.
- 6 Francis Cherunilam, (1999), *International Economics*, Tata McGraw-Hill.
- 7 Jhingan, M. L. (2010). *Macroeconomic Theory* (12th ed.). Vrinda Publications Private Limited.
- 8 Kumar, W. A., & Kumbhar, V. (2019). *Macroeconomics*. Ruby Publisher.
- 9 N. Gregory Mankiw, (2015), *Principle of Macroeconomics* Cengage Learning.
- 10 Richard Froyan, (2012), *Macroeconomics: Theories and policies*, Pearson Education.
- 11 Suman Kalyan Chakravarty, (2010), *Macroeconomics*, Himalaya Publishing House.

Course/Paper Title	ECONOMICS –PAPER -IV (FUNDAMENTALS OF PUBLIC FINANCE)
Course offered as	Economics (Major)
Course Code	RUAECMJ302
Semester	III
No. of Credits	04
No. of lecture Hours/week	04

SrNo.	Course Learning Objectives:
1	To provide students with a comprehensive understanding of public finance and the role of government in the economy through fiscal policy and principles of welfare economics.
2	To enlighten students on the process, structure of union budget and sources of public revenue, various tax systems, their structures and impacts on different sectors of the economy.
3	To analyze the reasons for public expenditures and the economic functions they serve, alongside their impacts on production, consumption and distribution.
4	To enlighten students on the process government budgeting and inter- governmental financial relations in India.

Course Learning Outcome:

	On completing the course, the student will be able to:
CLO1	Apply theoretical concepts of public finance, welfare economics to real-world scenarios and current global economic trends.
CLO2	Identify government policies regarding public revenue and assess how different tax systems affect economic behavior and income distribution.
CLO3	Analyze and critically evaluate government policies regarding public spending, and fiscal deficits and public debt management in light of economic conditions.
CLO4	Interpret budget-making process and inter-governmental financial relations in India.

Detailed Syllabus

Module	Title with content	No. of lectures
I	Introduction to Public Finance <ul style="list-style-type: none"> • Meaning and Scope of Public Finance; • Fiscal Functions (Allocation, Distribution, Stabilization and Growth Functions) • Role of government in provision of Public Goods, correcting Market Failure and Externalities; trade-off between Efficiency and Equity • Dalton's and Musgrave Versions of the Law of Maximum Social Advantage. 	15
II	Union Budget and Public Revenue <ul style="list-style-type: none"> • Public Budget-meaning, Types and Structure of Public Budget • Principles of Sound Finance and Functional Finance • Public revenue: Tax and Non-tax revenue; • Features of Good Tax System; • Impact, Incidence and Shifting of Taxation • Factors determining tax burden. 	15
III	Public Expenditure, Public Debt and Debt Management <ul style="list-style-type: none"> • Public Expenditure-Canons and Classification of Public Expenditure Wagner's Law of Public Expenditure • Public Expenditure as an Instrument of Fiscal Policy • Public Debt: Sources of Public Borrowing; Debt Liabilities; Burden of Public Debt • Principles of Public Debt Management and Concepts of Deficits. 	15
IV	Indian Public Finance <ul style="list-style-type: none"> • Budget of The Government of India (Previous Financial Year); Sources of Public Receipts (Tax And Non-Tax) • GST- Evolution and Implementation of GST in India; Concepts and Appraisal of FRBM Act 2004 • Fiscal Federalism: Fiscal decentralization • Finance Commission in India- Fourteenth and fifteenth Finance Commission Recommendations. 	15
	(case studies to be done wherever applicable)	

1. Gruber, J. (2019). *Public finance and public policy* (5th ed.). Worth Publishers.
2. Musgrave, R. A., & Musgrave, P. B. (2018). *Public finance in theory and practice* (5th ed.). McGraw-Hill Education.
3. Musgrave, R. A., & Musgrave, P. B. (2022). *The theory of public finance: A study in public economy*. McGraw-Hill.
4. Rosen, H. S., & Gayer, T. (2020). *Public finance* (11th ed.). McGraw-Hill Education.
5. Stiglitz, J. E., & Walsh, C. E. (2018). *Principles of public economics* (4th ed.). W.W. Norton & Company.

Course/PaperTitle	ECONOMICS – PAPER-VI (Introduction to Indian Economy)
Course offered as	Economics (Major)
Course Code	RUAECMJ402
Semester	IV
No.ofCredits	04
No.of lectureHours/week	04

SrNo.	Course Objectives:
1	To introduce students with a comprehensive understanding of the structure, challenges, and functioning of the Indian Economy
2	To enlighten students with key concepts of agriculture and policies related to the Indian agriculture sector.
3	To provide understanding of challenges, prospects and recent development in Indian industrial sector.
4	To enable them to understand the trend and significance of service sector in Indian economy.

Course Learning Outcome:

	On completing the course ,the student will be able to:
CLO1	Describe the structure, functioning and challenges of Indian economy and provide overview on economic planning in India.
CLO2	Identify concepts of agriculture and assess the impact of agricultural policies in India.
CLO3	To analyse and evaluate structure, role and challenges of industrial sector in India.
CLO4	Identify the trend and significance of service sector in shaping Indian economy.

Module	Title with content	No.of lectures
I	Introduction to Indian Economy <ul style="list-style-type: none"> • Structure of the Indian Economy: Primary, Secondary, and Tertiary Sectors; Labour force participation in India. • Economic Liberalization (1991 Reforms) • Economic Planning in India; FYPs (Basic understanding) & NITI Ayog • Overview of Economic Survey in India • Overview of the Indian Economy: Employment Generation and Poverty Alleviation Programmes; Regional Inequalities; Measures to Reduce Regional Inequalities in India. 	15
II	Structure of Indian Agricultural Sector <ul style="list-style-type: none"> • Role of Agriculture in Economic Development; Agricultural • Price Policy: Recent Minimum Support Price Policy; Income Support for Farmers • Sources of Agricultural Finance: Micro Finance; NABARD: Role and Function - Agricultural Marketing: Structure and Problems; National Policy for Farmers, 2007 • Organic Farming Policy; Food Security in India 	15
III	Structure of Industrial Sector in India: <ul style="list-style-type: none"> • Infrastructure for Industrial Development; Industrial Policies in India- Industrial Policy of 1991 • Micro, Small and Medium Enterprises (MSMEs): Classification, Role and Policy Measures • Recent Policies and Programs for Industrial Development: Start Up India, Make in India, Skill India • Role and Trends of FDI in Industrial Sector Development 	15
IV	Service Sector <ul style="list-style-type: none"> • Concepts and Role of Service Sector in Indian Economy • Growth and Performance of Healthcare; Performance of Trade and Tourism, Information Technology and IT - Enabled Services • Research and Development Services with Reference to Education and Skill; Development in Employment Generation in India • Trends on Performance of Service Sector since 1991.(focus on share in GDP, employment generation) 	15

Reference Books:

1. Brahmananda, P. R., & Panchmukhi, V. R. (Eds.). (2023). The Indian economy: Problems and perspectives. Sterling Publishers.
2. Datt, R., & Mahajan, K. P. (2022). Indian economy (74th ed.). S. Chand Publishing.
3. Ghosh, J. (2022). India's economy: Performance and challenges. Cambridge University Press.
4. Gupta, K. R. (2023). Understanding the Indian economy. Sage Publications.
5. Jha, R. (2022). Indian economy: Problems and prospects. Context Publishing.
6. Mukherjee, A. K., & Saha, A. K. (2023). The Indian economy: A comprehensive textbook. Himalaya Publishing House.
7. Rangarajan, C., & Jagdish, B. K. (2022). Indian economy: A modern perspective. McGraw Hill Education.
8. Sahu, P. K., & Ghosh, P. (2023). Indian economic development & policy: A micro perspective. Academic Foundation.
9. Sen, A. (2023). The economy of India: Past and present. Routledge.
10. Sharma, R. (2022). Economic development in India: Problems and prospects. Oxford University Press.
11. Singh, R. (2021). Indian economy (Latest ed.). McGraw Hill.

Royal College of Arts, Science and Commerce
(Autonomous)

Examination Pattern for Major & Minor paper (Internal)

I	Internal Assessment	
a	Essay/MCQ/True false/Match the column/ identify variables for given scenario, formulate hypothesis	20 marks
b	Design/conduct research using the methods learnt	15 marks
d	Attendance	05 marks
	Total	40 marks

Examination Pattern for Major & Minor papers (External)

Q.No.	Particulars	Marks	Modules
Q.1A or B	Full Length Question (attempt any one)	10	Module1
Q.2 A or B	Full Length Question (attempt any one)	10	Module 2
Q.3 A or B	Full Length Question (attempt any one)	10	Module 3
Q.4 A or B	Full Length Question (attempt any one)	10	Module 4
Q.5	Write Short notes	20	1Questions from each module
	Total	60 marks	

Detailed syllabus (Minor)

Course/Paper Title	Demography and Population Studies
Course offered as	Economics (Minor)
Course Code	RUAECMN301
Semester	III
No. of Credits	04
No. of lecture Hours/week	04

SrNo.	Course Learning Objectives:
1	To introduce the concepts, sources, and theories of demography and population change.
2	To explain fertility, mortality, migration, and their impact on population dynamics.
3	To understand the relationship between population, economic development, and environment.
4	To familiarize students with family planning, reproductive health, and maternal care

Course Learning Outcome:

	On completing the course, the student will be able to:
CLO1	Explain demographic concepts, data sources, and population theories.
CLO2	Analyse fertility, mortality, migration, and their economic impact.
CLO3	Examine the link between population, development, and environmental sustainability.
CLO4	Explain family planning, reproductive health, and maternal and child health concepts.

Detailed Syllabus

Module	Title with content	No.of lectures
I	Fundamentals of Demography <ul style="list-style-type: none"> • Introduction to Demography: Meaning, scope, and importance • Sources of Demographic Data: Census, sample surveys, and vital statistics • Components of Population Change: Birth rates, death rates, and migration • Demographic Theories: Malthusian theory, Demographic transition theory • Population Pyramid 	15
II	Fertility, Mortality, and Migration <ul style="list-style-type: none"> • Fertility Trends: Determinants and measures (Crude Birth Rate, TFR) • Mortality and Life Expectancy: Causes, trends, and measures (IMR, MMR) • Morbidity and Mental Health (work life balance approach) • Migration and Urbanization: Causes and consequences of internal and international migration • Aging Population and Dependency Ratio • Impact of Population Growth on Economic Development 	15
III	Population, Development, and Environment <ul style="list-style-type: none"> • Link between Population Growth and Economic Development • Population and Environment: Overpopulation, resource depletion, and sustainability • Gender and Population Issues: Sex ratio, female workforce participation • Health and Population: Role of nutrition, sanitation, and healthcare and its effect on population 	15
IV	Introduction to Family Planning and Reproductive Health <ul style="list-style-type: none"> • Concept of Family Planning: Meaning, Importance, and Global Perspectives • Reproductive Health and Rights: Definition and Scope (WHO Guidelines) • Maternal and Child Health (MCH): Role of Nutrition, Prenatal and Postnatal Care 	15

References

1. Bhende, A. A., & Kanitkar, T. (2019). Principles of population studies (9th ed.). Himalaya Publishing House.
2. Bongaarts, J., & Sinding, S. W. (2011). Population policy in transition in the developing world. *Science*, 333(6042), 574-576. <https://doi.org/10.1126/science.1207558>
3. Dyson, T. (2010). Population and development: The demographic transition. Zed Books.
4. Malthus, T. R. (1798). An essay on the principle of population. J. Johnson.
5. McFalls, J. A. (2007). Population: A lively introduction. Population Reference Bureau.
6. Registrar General of India. (2021). Census of India 2021: Provisional population totals. Government of India.
7. Sen, A. (1999). Development as freedom. Oxford University Press.
8. United Nations Population Fund (UNFPA). (2022). State of world population report. UNFPA. <https://www.unfpa.org/swop>
9. Visaria, P., & Visaria, L. (2003). Demographic transition: A historical perspective. Oxford University Press.
10. Weeks, J. R. (2020). Population: An introduction to concepts and issues (13th ed.). Cengage Learning.

Detailed syllabus (Minor)

Course/Paper Title	Foundations of Gender Economics
Course offered as	Economics (Minor)
Course Code	RUAECMN401
Semester	IV
No. of Credits	04
No. of lecture Hours/week	04

SrNo.	Course Learning Objectives :
1	To explain key gender concepts in economics.
2	To evaluate gender disparities in labour markets and the economic valuation of unpaid domestic labour.
3	To assess the effectiveness of gender-responsive policies.
4	To propose strategies to bridge the gender digital divide and enhance women's participation

Course Learning Outcome:

	On completing the course, the student will be able to:
CLO1	Demonstrate an understanding of gender roles in economic development
CLO2	Assess the barriers to women's workforce participation across social, cultural, and economic dimensions
CLO3	Critically analyse the impact of government policies and self-help groups (SHGs) on women's economic participation.
CLO4	Develop policy recommendations that promote gender-inclusive economic growth

Module	Title with content	No .of lectures
I	<p>Introduction to Gender and Economic Theory</p> <ul style="list-style-type: none"> • Understanding Gender in Economics: Key Concepts and Definitions • Theories of Gender and Development: Feminist Economics and Capability Approach (Amartya Sen) • Gender Roles in Economic History: Women's Participation in Traditional and Modern Economies • Gender Inequality Index (GII) and its Implications 	15
II	<p>Gender and the Labor Market</p> <ul style="list-style-type: none"> • Gender Gaps in Employment and Wages: Causes and Consequences • Informal vs. Formal Sector Work: Women's Participation in the Economy • Care Economy and Unpaid Domestic Labor: Economic Valuation of Household Work • Barriers to Women's Workforce Participation: Social, Cultural, and Economic Factors • Case Study: Gender Pay Gap and Workplace Discrimination and Time parity 	15
III	<p>Gender and Public Policy</p> <ul style="list-style-type: none"> • Gender Budgeting and Policy Making: Concept and Implementation • Women's Empowerment through Government Policies: Education, Health, and Financial Inclusion • Microfinance and Women's Entrepreneurship: Role in Economic Development • Legal Protections Against Gender Discrimination: Maternity Benefits, Equal Pay Act, Domestic Violence Act • Case Study: Impact of Self-Help Groups (SHGs) on Women's Economic Participation 	15
IV	<p>Globalization, Technology, and Gendered Development</p> <ul style="list-style-type: none"> • Impact of Globalization on Women's Work: Opportunities and Challenges • Gender and Digital Divide: Access to Technology and Economic Participation • Representation of Women in Leadership and Decision-Making • Gender and Sustainable Development Goals (SDGs): Global Commitments 	15

References

Books and Journal Articles

1. Agarwal, B. (2010). *Gender and green governance: The political economy of women's presence within and beyond community forestry*. Oxford University Press.
2. **Chakraborty, L.** (2019). *Gender budgeting: Concepts and empirical evidence from India*. Springer.
3. **Deshpande, A.** (2020). *The problem of caste: Essays from economic and political weekly*. Orient BlackSwan.
4. Deshpande, A. (2020). The problem of gender wage gaps in India: A macroeconomic perspective. *Economic & Political Weekly*, 55(10), 34-42.
5. Elson, D. (1999). Labor markets as gendered institutions: Equality, efficiency and empowerment issues. *World Development*, 27(3), 611-627. [https://doi.org/10.1016/S0305-750X\(98\)00147-8](https://doi.org/10.1016/S0305-750X(98)00147-8)
6. Ghosh, J. (2021). Women, work and the impact of COVID-19. *Journal of Labor Economics*, 39(S1), S395-S417.
7. Kabeer, N. (2012). Women's economic empowerment and inclusive growth: Labour markets and enterprise development. International Development Research Centre (IDRC).
8. Sen, A. (1999). *Development as freedom*. Oxford University Press.

Web Sources

1. United Nations Development Programme (UNDP). (2023). *Gender Inequality Index (GII) Report*. Retrieved from <https://hdr.undp.org>
2. Ministry of Women and Child Development, Government of India. (2022). *National Policy for Women 2022*. Retrieved from <https://wcd.nic.in>

Skill Enhancement Course SEC: Semester III

Course/ Paper Title	Academic Writing in Social Science
Course offered as	SEC
Course Code	RUAECSEC301
Semester	III
No. of Credits	02
No. of lecture Hours/week	02

Sr. No.	Course Objectives:
CLO 1	To help students develop ability to critically engage with texts through close reading strategies and articulate their ideas clearly and coherently
CLO 2	To help students develop understanding of plagiarism, emphasizing the role of quotations and paraphrasing in scholarly work.
CLO 3	To familiarize students with various citation formats (e.g., APA, MLA, Chicago) to ensure accurate referencing
CLO 4	To help students develop interpretation skills.

Course Outcomes

	On completing the course, the students will be able to:
CO1	Demonstrate proficiency in close reading techniques and compose well-structured research papers
CO2	Integrate sources ethically into their writing.
CO3	Apply various citation styles in their academic work, demonstrating attention to detail and respect for intellectual property.
CO4	Effectively present their reports, supported by logical reasoning and textual evidence, contributing meaningfully to academic discussions.

Detailed Syllabus Semester III

Module	Title with content	No. of lectures
I	Introduction a. Textual reading and writing (Article, research papers, journals and dissertation) b. Review of Literature c. Types of Report	15
II	Borrowing Materials a. Quotations and Annotation b. Reference and Citation styles (APA, MLA etc) c. Reference managers d. research ethics and plagiarism	15

(Two units for a two-credit course and four units for a four-credit course. 1 credit = 1 lecture hour/week
1 credit = 2 practical hours/week

References:

1. Babbie, E. (2020). *The practice of social research*. Cengage Learning.
2. Bryman, A. (2016). *Social research methods* (5th ed.). Oxford University Press.
3. Creswell, J. W. (2018). *Qualitative inquiry and research design: Choosing among five approaches*. SAGE Publications.
4. Dudenhefer, P. (n.d.). *A guide to writing in economics*. EcoTeach Center and Department of Economics, Duke University. https://econ.duke.edu/uploads/media_items/guide-to-writing.original.pdf
5. Flick, U. (2018). *An introduction to qualitative research* (6th ed.). SAGE Publications.
6. Kumar, R. (2019). *Research methodology: A step-by-step guide for beginners*. SAGE Publications.
7. Maxwell, J. A. (2013). *Qualitative research design: An interactive approach* (3rd ed.). SAGE Publications.
8. Patton, M. Q. (2015). *Qualitative research & evaluation methods* (4th ed.). SAGE Publications.
9. Sarantakos, S. (2012). *Social research*. Palgrave Macmillan.
10. Silverman, D. (2020). *Qualitative research* (5th ed.). SAGE Publications.
11. Yin, R. K. (2017). *Case study research and applications: Design and methods*. SAGE Publications.

SEC
EVALUATION PAPER

Academic Writing in Social Science

I	Internal Assessment	
a	Peer Review/Class presentation	20 marks
b	01 Essay/04 Short Notes/ MCQ	25 marks
c	Attendance	05 marks
	Total	50 marks
II	Semester End Examination	Nil

Skill Enhancement Course SEC: Semester IV

Course/ Paper Title	Research Skills on the Field
Course offered as	SEC
Course Code	RUAECSEC401
Semester	IV
No. of Credits	02
No. of lecture Hours/week	02

Sr. No.	Course Objectives:
CLO 1	To help students develop field research skills
CLO 2	To equip students to use visual aids, record and document findings
CLO 3	To help students develop an understanding of various aspects of rural life and research methods
CLO 4	To equip students with knowledge of compiling and presenting report

Course Outcomes

	On completing the course, the students will be able to:
CO1	Apply observational skills and conduct field visit
CO2	Use visual aids for data collection and document findings
CO3	Identify appropriate research methods and tools for village profiling
CO4	Compile and present report

Detailed Syllabus Semester IV

Module	Title with content	No. of Lectures
I	Introduction a. Field visit and observational skills through visuals b. Use of visual aids c. Recording and documenting of findings	15
II	Prepare Village Profile a. Socio-psychological, Economic, Political and Cultural information of the village b. Use methods: Observation, survey, interview, focus group c. Report Writing	15

(Two units for a two-credit course and four units for a four-credit course. 1 credit = 1 lecture hour/week
1 credit = 2 practical hours/week)

References:

1. Booth, W. C., Colomb, G. G., & Williams, J. M. (2016). *The craft of research*. University of Chicago Press.
2. Bryman, A. (2016). *Social research methods* (5th ed.). Oxford University Press.
3. Charmaz, K. (2014). *Constructing grounded theory* (2nd ed.). SAGE Publications.
4. Cottrell, S. (2019). *The study skills handbook*. Macmillan International Higher Education.
5. Dudenhefer, P. (n.d.). *A guide to writing in economics*. EcoTeach Center and Department of Economics, Duke University. https://econ.duke.edu/uploads/media_items/guide-to-writing.original.pdf
6. Flick, U. (2018). *An introduction to qualitative research* (6th ed.). SAGE Publications.
7. Gibaldi, J. (2009). *MLA handbook for writers of research papers*. Modern Language Association of America.
8. Graff, G., & Birkenstein, C. (2021). *They say, I say: The moves that matter in academic writing*. W.W. Norton & Company.
9. Lipson, C. (2011). *Doing honest work in college: How to prepare citations, avoid plagiarism, and achieve real academic success*. University of Chicago Press.
10. Maxwell, J. A. (2013). *Qualitative research design: An interactive approach* (3rd ed.). SAGE Publications.
11. Patton, M. Q. (2015). *Qualitative research & evaluation methods* (4th ed.). SAGE Publications.
12. Turabian, K. L. (2018). *A manual for writers of research papers, theses, and dissertations*. University of Chicago Press.

SEC
EVALUATION PATTERN
SEM IV

Research Skills on the Field

I	Internal Assessment	
a	Field Visit/Visual Observation/Reflection Report/Class presentation	20 marks
b	01 Essay/04 Short Notes/ MCQ	25 marks
c	Attendance	05 marks
	Total	50 marks
II	Semester End Examination	Nil

OPEN ELECTIVE SYBA SEMESTER-IV

Course/ Paper Title	Environment Sustainability: Concepts, Challenges, and Practices
Course offered as	OPEN ELECTIVE
Course Code	RUAECO401
Semester	IV
No. of Credits	2
No. of lecture Hours/week	2

Sr No.	Course Objectives:
1	To help students to understand the concept of Environment Sustainable Development
2	To study the Economic, Socio-political and Ecological aspects of Sustainable Development
3	Understand Mumbai's key sustainable development challenges through case studies.
4	Discuss solutions and policies addressing waste, transport, and green space issues

Course Outcome

	On completing the course, the student will be able:
CO1	Understand the concept of Sustainable Development.
CO2	Acquire knowledge about various Economic, Socio-Political and Ecological aspects of Sustainable Development.
CO3	Analyse urban sustainability problems and their impacts
CO4	Suggest feasible, SDG-aligned solutions for Mumbai's development

**DETAILED SYLLABUS
SEMESTER-IV**

Environment Sustainable Development: Concepts, Challenges, and Practices

Module	Title with content	No. of lectures
I	<p>Introduction to Sustainable Development</p> <ul style="list-style-type: none"> • Meaning and evolution of the concept • UN Sustainable Development Goals (SDGs) and Pillars of SDGs (Environmental, Economic and Social) • Goal 11: Sustainable Cities and Communities 	15 LECTURES
II	<p>Case Studies</p> <p>Case Study 1: Waste Management – The Dharavi Recycling Industry</p> <ul style="list-style-type: none"> • Mumbai generates over 7,000 metric tonnes of waste per day, and landfill sites like Deonar have been overburdened for decades. • Unscientific waste disposal has led to air pollution, groundwater contamination, and health hazards. <p>Case Study 2: Urban Transport – The Mumbai Metro</p> <ul style="list-style-type: none"> • Overcrowding in local trains and rising number of private vehicles led to severe traffic congestion and air pollution. • Mumbai’s CO₂ emissions from transport were increasing at 6% per year. <p>Case Study 3: Urban Green Spaces – Aarey Milk Colony vs. Metro Car Shed Controversy</p> <ul style="list-style-type: none"> • Mumbai has less than 1.1 sq. m of open space per person, far below the WHO’s recommended 9 sq. m. • The proposed Metro car shed in Aarey threatened the city’s largest green lung and wildlife habitat. 	15 LECTURES

References:

1. Brundtland, G. H., & World Commission on Environment and Development. (1987). *Our common future*. Oxford University Press.
2. Gadgil, M., & Guha, R. (1993). *This fissured land: An ecological history of India*. Oxford University Press. Patel, S. B., Kapadia, O., & Saluja, J. (2023). *6 metros: Urban planning and implementation*. Oxford University Press.
3. Patil, A. (2021). *Circular economy of Dharavi: Making building materials from waste* [Conference paper]. ResearchGate.
https://www.researchgate.net/publication/357854471_Circular_Economy_of_Dharavi_Making_Building_Materials_from_Waste
4. Pendharkar, A., Singh, S., Rathod, P., & Rao, R. (2021). *Wildlife, biodiversity & landscape features of Aarey Milk Colony, Mumbai* [Conference poster]. ResearchGate.
<https://doi.org/10.13140/RG.2.2.31976.32003>
5. Ramachandran, M. (2012). *Metro rail projects in India: A study in project planning*. Oxford University Press.
6. Sachs, J. D. (2015). *The age of sustainable development*. Columbia University Press.
7. United Nations. (2015). *Transforming our world: The 2030 Agenda for Sustainable Development*. United Nations. <https://sdgs.un.org/2030agenda>

Royal College of Arts, Science and Commerce (Autonomous)

Examination Pattern for Open Elective

	Internal Assessment	
a	One class test (Short answers/Objectives/ Multiple Choice)	25 marks
b	Assignment/ Project/ Presentation/Book or research paper Review	15 marks
c	Active Participation and Journal	05 marks
d	Attendance	05 marks
	Total	50 marks

Royal College of Arts Science and Commerce (Autonomous)

BOS Structure

2025-26

Name of the Department: Economics

No	Category	Name and Designation	Affiliation	Details (Address, email and mobile number)	Mode
1	Chairperson (Head of Department)	Dr. Shivangi Tiwari Asst. Professor & HoD of Dept. of Economics at Royal College of Arts, Science and Commerce.	University of Mumbai	Address: Royal College of Arts, Science and Commerce, Block-G, Delta Vrindavan, Bhaktivedanta Swami Marg, shrishti Complex, Miraroad-East, Thane-401107 Email id- Shivangi9@gmail.com Mobile no.: 9869039556	Online
2	Full time teachers of the Department in the relevant subject.	Prof. Rukhsana Shaikh Asst. Professor at Royal College of Arts, Science and Commerce	University of Mumbai	Address: Royal College of Arts, Science and Commerce, Block-G, Delta Vrindavan, Bhaktivedanta Swami Marg, shrishti Complex, Miraroad-East, Thane-401107 Email id- ruksofficial786@gmail.com	Online



Shweta Pawar

Principal
ROYAL COLLEGE OF ARTS
SCIENCE & COMMERCE
PENKAR PADA, MIRA ROAD,
DIST : THANE. PIN : 401107

3	One expert nominated by the Vice-Chancellor from a panel of six recommended by the College Principal.	Prof. (Dr.) Satyanarayan Kishanrao Kothe Professor at Mumbai School of Economics and Public Policy	Mumbai University, Kalina	Mumbai School of Economics and Public Policy, Mumbai University, Kalina, Santacruz (E), Mumbai-400098.	Online
4	Two subject experts from outside the Parent University nominated by the Academic Council.	1)Dr. Sanjay Phulchand Phad Associate Professor and Head, Department of Economics	SNDT Women's University	Address: SNDT Women's University 1, N.T. Road, New Marine Lines, Mumbai 400020 Email id- sanjayphad@gmail.com Mobile no.: 9773539597	Online
5		2) Prof. Dr. Geeta Nair Professor & Head of the Department of B. Economics, H. R. College of Commerce and Economics	Hyderabad Sind National Collegiate University(HSN CU)	Address: H. R. College of Commerce and Economics Kundnani Chowk, 123, Dinshaw Vacha Rd, Churchgate, Mumbai, Maharashtra 400020 Email id- drgeetanair@gmail.com Mobile no.: 9930880130	Online

7	One representative from industry/corporate sector/allied area relating to placement.	Mr. Mohit Kumar Superintendent at Central Board of Indirect Tax	--	GST Audit Commissionerate-Audit-III Lotus Infocentre, Near Parel Station, Parel (E), Mumbai-400012 Email id- mohitk.g141301@gmail.com Mobile no.: +91 7738766311	Online
8	One postgraduate meritorious alumnus nominated by the Principal. (Please give three to four names of your alumnus)	Ms. Divya Chaudhary PhD Scholar at SNDT University	University of Mumbai	Address: Bhayandar East, Thane- 401105 Email id- chaudharydivya028@gmail.com Mobile no.:9819033197	Online
7	Dr. Shami A. Nimgulkar Kamble Management Nominee	Dr. Shami A. Nimgulkar Kamble Associate Professor at P. D. Lions College Commerce & Economics.	University of Mumbai	Address: P. D. Lions College Commerce & Economics, Malad (W), Mumbai-400064 Email id- shamin@dalmalionscollege.ac.in Mobile no.:9820810686	Online

8	Asst.Prof. Sonali Khade	Asst. Professor, Ghanshyam das Saraf College of Arts, Science and Commerce (Autonomous)	University of Mumbai	Address: RSET Campus, S.V Road, Malad West, Mumbai 400064	Online
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Justification for B.A. (ECONOMICS)

1.	Necessity for starting the course:	The necessity for introducing B.A. (Economics) program arises from the growing demand for graduates who can interpret and analyze complex market systems and economic issues. The program aims to develop in students a strong foundation in analytical thinking, quantitative reasoning and problem-solving abilities and prepare them in excelling in diverse career opportunities.
2.	Whether the UGC has recommended the course:	Yes
3.	Whether all the courses have commenced from the academic year 2023-24	The course has already commenced in the university and in the academic year 25-26, it is restructured under NEP 2020
4.	The courses started by the University are self-financed, whether adequate number of eligible permanent faculties are available:	This course is aided based on sanction given by University of Mumbai to affiliated colleges time to time.
5.	To give details regarding the duration of the Course and is it possible to compress the course?	The duration of the program is three years (6 semesters). It is not possible to compress the program.
6.	The intake capacity of each course and no. of admissions given in the current academic year:	The intake capacity is 120 at the entry level based on sanction received from the University.
7.	Opportunities of Employability / Employment available after undertaking these courses:	Pursuing a degree in B.A. (Economics) opens up a wide range of career opportunities across public, private and non-profit sectors. The discipline builds strong analytical and problem-solving skills in students that are highly sought after by employers in various fields.

Shivangi Timari
Dr. Shivangi Timari
Chairperson
BOS in Economics



Kalpana Patankar Jain
Prof. (Dr.) Kalpana Patankar Jain
Principal

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