Resolution No.: AC/II(23-24).2.RUA2

S. P. Mandali's

Ramnarain Ruia Autonomous College

(Affiliated to University of Mumbai)

RUIA COLLEGE
Explore • Experience • Excel

Syllabus for

Program: S.Y.B.A.

(Economics- Vocational & Skill Enhancement Course)

Program Code: (RUAECO)

(As per the guidelines of National Education Policy 2020-Academic year 2024-25)

(Choice based Credit System)

Ramnarain Ruia Autonomous College

GRADUATE ATTRIBUTES

S. P. Mandali's Ramnarain Ruia Autonomous College has adopted the Outcome Based Education model to make its science graduates globally competent and capable of advancing in their careers. The Bachelors Program in Science also encourages students to reflect on the broader purpose of their education.

GA	GA Description **A student completing Bachelor's Degree in Arts program (Humanities & Social Sciences) will be able to:**
GA 1	Demonstrate understanding and skills of application of knowledge of historical and contemporary issues in the social and linguistic settings with a transdisciplinary perspective to make an informed judgement
GA 2	Analyse and evaluate theories of individual and social behaviour in the familiar contexts and extrapolate to unfamiliar contexts in order to resolve contemporary issues
GA 3	Effectively and ethically use concepts, vocabularies, methods and modern technologies in human sciences to make meaningful contribution in creation of information and its effective dissemination
GA 4	Explore critical issues, ideas, phenomena and debates to define problems or to formulate hypotheses; as well as analyze evidences to formulate an opinion, identify strategies, evaluate outcomes, draw conclusions and/or develop and implement solutions
GA 5	Demonstrate oral and written proficiency to analyse and synthesise information and apply a set of cognitive, affective, and behavioural skills to work individually and with diverse groups to foster personal growth and better appreciate the diverse social world in which we live
GA 6	Develop a clear understanding of social institutional structures, systems, procedures, and policies existing across cultures, and interpret, compare and contrast ideas in diverse social- cultural contexts, to engage reasonably with diverse groups
GA 7	React thoughtfully with emotional and moral competence to forms of expressive direct action and apply social strategies toward eradicating threats to a democratic society and a healthy planet
GA 8	Articulate and apply values, principles, and ideals to the current societal challenges by integrating management and leadership skills to enhance the quality of life in the civic community through actions that enrich individual lives and benefit the community
GA 9	Recognize and appreciate the diversity of human experience and thought, and apply intellect and creativity to contemporary scenario, to promote individual growth by practising lifelong learning

Ramnarain Ruia Autonomous College

PROGRAM OUTCOMES

PO	PO Description Students graduating with a BA degree in **Economics** will be able to
PO 1	Use the knowledge of economic history and/or the history of economic ideas for a comprehensive understanding of the current economic perspective or event
PO 2	Integrate other disciplinary perspectives with economic analysis to produce a critical assessment of a social problem
PO 3	Use relevant socio-political and economic data to gain insight into an economic relationship or behaviour
PO 4	Apply the concepts in economic theory to analyse any economic scenario
PO 5	Effectively express his/her opinion on an economic event, perspective or policy
PO 6	Creatively employ the insights gained to developing and disseminating constructs of newer economic ideas and policies
PO 7	Apply various quantitative and qualitative skills to analyse and forecast the behaviour of certain economic variables
PO 8	Recognize and appreciate the role various socio- economic, political and cultural institutions in interpreting, comparing and designing the economic policies

Ramnarain Ruia Autonomous College

CREDIT STRUCTURE BA

Semester	Subject 1		Subject 2	GE/ OE course (Across disciplines)	Vocational and Skill Enhancement Course (VSC) & SEC	Ability Enhancement Course/ VEC/IKS	OJT/FP/CEPCC, RP	Total Credits
	DSC	DSE						
1	4		4	4 (2*2)	VSC-2 + SEC -2	AEC- 2 (CSK) + VEC- 2 (Understanding India) + IKS-2		22
2	4		4	4 (2*2)	VSC-2 + SEC -2	AEC-2 (CSK)+ VEC-2 (Env Sc)	CC-2	22
Total	8		8	8	8	10	2	44
Exit option: award of UG certificate in Major with 44 credits and an additional 4 credit Core NSQF course/ Internship or Continue with Major and Minor								
3	Major 8		Minor 4	2	VSC-2	AEC-2 MIL	FP -2, CC-2	22

Ramnarain Ruia Autonomous College

4	Major 8		Minor 4	2	SEC-2	AEC-2 MIL	CEP-2, CC-2	22
Total	16		8	4	4	4	8	44
Exit option: award of UG Diploma in Major with 88 credits and an additional 4 credit Core NSQF course/ Internship or Continue with Major and Minor								
5	DSC 12	DSE	Minor		VSC-2-Major		CEP/FP-2	22
6	DSC 12	DSE 4	Minor 2				OJT-4	22
Total	24	8	4		2		6	44
	Exit option: award of UG Degree in Major with 132 credits or Continue with Major for Honours/ Research							

Ramnarain Ruia Autonomous College

Course Code- Vocational & Skill Enhancement Course (VSC): RUAVSCECO._____

Course Title: Quantitative Analysis for Economics- I
Academic year 2024-25

COURSE OUTCOMES:

COURSE OUTCOME	CO DESCRIPTION After completing this course, a student will be able to
CO 1	
CO 2	
CO 3	
CO 4	

DETAILED SYLLABUS

Course Code	Unit	Course/ Unit Title	Credits/ Hours
RUAVSCECO. _____		**Quantitative Analysis for Economics- I**	2/ 30 Lectures
	Unit I	**Research Design and Research Problem**	15 Lectures
		Research Problem- defining research problem - Identifying research problem- sources of research problem- Types of research problem- Research Design- Descriptive, Exploratory, Diagnostic, correlational. Elements in research design.	
	Unit II	**Hypothesis Testing**	15 Lectures
		Definition and functions of hypothesis– Criteria of workable hypothesis– forms and sources of hypothesis Concepts in Testing of Hypothesis: Universe/ Population, parameter and statistic, Null and	

Ramnarain Ruia Autonomous College

		Alternative Hypotheses, Levels of Significance, critical region Student's t test, Chi square test	

References:

Modality of Assessment: Vocational & Skill Enhancement Course (2 Credit Theory Course for BA)

A) Internal Assessment- 40%- 20 Marks

Sr No	Evaluation type	Marks
1	Class Test/ Project / Assignment / Presentation/ Field project etc.	20
	TOTAL	**20**

B) External Examination (Semester End)- 60%- 30 Marks

Semester End Theory Examination:

1. Duration – The duration for these examinations shall be of **One Hour.**
2. Theory question paper pattern:

Paper Pattern:

Question	Options	Marks	Questions Based on
1	Two sub- questions out of three	15	Unit I
2	Two sub- questions out of three	15	Unit II
	TOTAL	**30**	

Ramnarain Ruia Autonomous College

Course Code- Vocational & Skill Enhancement Course (VSC): RUAVSCECO._____

Course Title: Quantitative Analysis for Economics- II
Academic year 2024-25

COURSE OUTCOMES:

COURSE OUTCOME	CO DESCRIPTION After completing this course, a student will be able to
CO 1	
CO 2	
CO 3	
CO 4	

DETAILED SYLLABUS

Course Code	Unit	Course/ Unit Title	Credits/ Hours
RUAVSCECO._____		**Quantitative Analysis for Economics- II**	**2/ 30 Lectures**
	Unit I	**Linear Algebra and its applications**	**15 Lectures**
		Matrices and basic operations on matrices, Rank of a Matrix, Cofactor and Adjoint Matrices, Inverse of a Matrix, Cramer's Rule.	
	Unit II	**Graphs and Equations : Applications in Economics**	**15 Lectures**
		Linear and non-linear relationships in economic analysis, Market demand and supply models, taxes, elasticity, The slope of a Curvilinear Function, Functions, Limits, Continuity, Derivatives, Rules of Differentiation The Nature of Simultaneous Equation Models.	

References:

Ramnarain Ruia Autonomous College

Modality of Assessment: Vocational & Skill Enhancement Course (2 Credit Theory Course for BA)

C) Internal Assessment- 40%- 20 Marks

Sr No	Evaluation type	Marks
1	Class Test/ Project / Assignment / Presentation/ Field project etc.	20
	TOTAL	**20**

D) External Examination (Semester End)- 60%- 30 Marks

Semester End Theory Examination:

3. Duration – The duration for these examinations shall be of **One Hour.**
4. Theory question paper pattern:

Paper Pattern:

Question	Options	Marks	Questions Based on
1	Two sub- questions out of three	15	Unit I
2	Two sub- questions out of three	15	Unit II
	TOTAL	**30**	

Ramnarain Ruia Autonomous College