



Shri Vile Parle Kelavani Mandal's
**MITHIBAI COLLEGE OF ARTS, CHAUHAN INSTITUTE OF SCIENCE & AMRUTBE
JIVANLAL COLLEGE OF COMMERCE AND ECONOMICS (AUTONOMOUS)**
*NAAC Reaccredited 'A' grade, CGPA: 3.57 (February 2016),
Granted under RUSA, FIST-DST & -Star College Scheme of DBT, Government of India,
Best College (2016-17), University of Mumbai*

Affiliated to the
UNIVERSITY OF MUMBAI

Program: Bachelor of Arts, Commerce and Science

Course: Foundation Course II

Semester- III AND IV

**Choice Based Credit System (CBCS) for the Academic year
2020-21**

PROGRAMME SPECIFIC OUTCOMES (PSO'S)

On completion of the SYBA, SYBCOM and SYBSC (Foundation Course-II), the learners should be enriched with knowledge and be able to-

- **PSO1:** To appreciate the importance of developing a scientific temper towards technology and its use in everyday life.
- **PSO2:** To orient learners about the global environmental challenges, and the consequences of these challenges on Human life
- **PSO3:** To acquaint them with aspects of global and local environmental approaches.

Evaluation Pattern

The performance of the learner will be evaluated in two components. The first component will be a Continuous Assessment with a weightage of 25% of total marks per course. The second component will be a Semester end Examination with a weightage of 75% of the total marks per course. The allocation of marks for the Continuous Assessment and Semester end Examinations is as shown below:

a) Details of Continuous Assessment (CA)

25% of the total marks per course:

Continuous Assessment	Details	Marks
Component 1 (CA-1)	Research based assignment and presentation	15 marks
Component 2 (CA-2)	Class test	10 marks

b) Details of Semester End Examination

75% of the total marks per course. Duration of examination will be two and half hours.

Question Number	Description	Marks	Total Marks
Q.1. to Q.4	Internal choice (A or B)	15 marks x 4 questions	(60 marks)
Q.5. (compulsory question) Short notes (Attempt any 2 out of 3)	Will be from all three Units	(15 marks in total, 7.5 mark each)	(15 marks)
Total Marks			75

Signature

Signature

Signature

HOD

Approved by Vice –Principal

Approved by Principal

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Program: B.A, BCom, BSc(2020-21)				Semester: III	
Course: Foundation Course-II				Course Code:	
Teaching Scheme				Evaluation Scheme	
Lecture (Hours per week)	Practical (Hours per week)	Tutori al (Hours per week)	Credit	Continuous Assessment (CA) (Marks - 25)	Semester End Examinations (SEE) (Marks- 75 in Question Paper)
3			2	25	75
Learning Objectives:					
<ul style="list-style-type: none"> • To introduce the basic theoretical concepts in Human Rights, ecology, science, and technology • Gain an overview of competitive examinations in certain career choices. • Appreciate the importance of developing a scientific temper towards technology and its use in everyday life 					
Course Outcomes:					
After completion of the course, learners would be able to:					
<ul style="list-style-type: none"> • CO1: Students will be sensitized to issues on human rights, ecology, and, science and technology • CO2: Students will have a basic understanding of Competitive examinations. • CO3: Students will be inculcated with scientific temper and the use of technology in everyday life.. 					
Outline of Syllabus: (per session plan)					
Module	Description				No of Hours
1	Unit-I Human Rights Provisions, Violations and Redressal <ul style="list-style-type: none"> • Scheduled Castes- Constitutional and legal rights, Forms of violations, Redressal mechanisms. • Scheduled tribes- Constitutional and legal rights, Forms of violations, Redressal mechanisms • Women- Constitutional and legal rights, Forms of violations, Redressal mechanisms • Children- Constitutional and legal rights, Forms of violations, Redressal mechanisms. • People with Disabilities, Minorities, and the Elderly Population- Constitutional and legal rights, Forms of violations, Redressal mechanisms. 				12
2	Unit-II Dealing with Environmental Concerns <ul style="list-style-type: none"> • Concept of Disaster and general effects of Disasters on human life- physical, psychological, economic and social effects • Some locally relevant case studies of environmental disasters. • Dealing with Disasters - Factors to be considered in Prevention, Mitigation (Relief and Rehabilitation) and disaster Preparedness. • Human Rights issues in addressing disasters- issues related to compensation, equitable and fair distribution of relief and humanitarian approach to resettlement and rehabilitation 				11
3	Unit-III Science and Technology <ul style="list-style-type: none"> • Development of Science- the ancient cultures, the Classical era, the Middle Ages, the Renaissance, the Age of Reason and Enlightenment. 				11

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	<ul style="list-style-type: none"> • Nature of science- its principles and characteristics; Science as empirical, practical, theoretical, validated knowledge • Science in everyday life- technology, its meaning and role in development; Social Media 	
4	<p>Unit-IV Soft Skills for Effective Interpersonal Communication</p> <p>Part A-</p> <ul style="list-style-type: none"> • I) Etiquette of Electronic Communication II) Public-Speaking and Presentation Skills. III) Importance of Self-Awareness and Body Language <p>Part B-</p> <ul style="list-style-type: none"> • I) Effective Listening - Importance and Features. II) Writing Formal Applications, Statement of Purpose (SOP) and Resume. III) Preparing for Group Discussions, Interviews and Presentations. <p>Part C-</p> <ul style="list-style-type: none"> • I) Leadership Skills and Self-Improvement - Characteristics of Effective Leadership. II) Styles of Leadership and Team-Building. 	11

Reading list

Books

1. Asthana, D. K., and Asthana, Meera, Environmental Problems and Solutions, S. Chand, New Delhi, 2012.
2. Bajpai, Asha, Child Rights in India, Oxford University Press, New Delhi, 2010.
3. Bhatnagar Mamata and Bhatnagar Nitin, Effective Communication and Soft Skills, Pearson India, New Delhi, 2011.
4. G Subba Rao, Writing Skills for Civil Services Examination, Access Publishing, New Delhi, 2014.
5. Kaushal, Rachana, Women and Human Rights in India, Kaveri Books, New Delhi, 2000.
6. Mohapatra, Gaur Krishna Das, Environmental Ecology, Vikas, Noida, 2008.
7. Motilal, Shashi, and Nanda, Bijoy Lakshmi, Human Rights: Gender and Environment, Allied Publishers, New Delhi, 2007.
8. Murthy, D. B. N., Disaster Management: Text and Case Studies, Deep and Deep Publications, New Delhi, 2013.
9. Parsuraman, S., and Unnikrishnan, ed., India Disasters Report II, Oxford, New Delhi, 2003.
10. Reza, B. K., Disaster Management, Global Publications, New Delhi, 2010.

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11. Sathe, Satyaranjan P., Judicial Activism in India, Oxford University Press, New Delhi, 2003.

12. Singh, Ashok Kumar, Science and Technology for Civil Service Examination, Tata McGraw Hill, New Delhi, 2012.

13. Thorpe, Edgar, General Studies Paper I Volume V, Pearson, New Delhi, 2017

Program: B.A, BCom, BSc(2020-21)				Semester: IV	
Course: Foundation Course-II				Course Code:	
Teaching Scheme				Evaluation Scheme	
Lecture (Hours per week)	Practical (Hours per week)	Lecture (Hours per week)	Practical (Hours per week)	Lecture (Hours per week)	Practical (Hours per week)
3		3		3	
Learning Objectives:					
<ul style="list-style-type: none"> • To introduce the basic theoretical concepts in Human Rights, ecology, science, and technology • Gain an overview of competitive examinations in certain career choices. • Appreciate the importance of developing a scientific temper towards technology and its use in everyday life 					
Course Outcomes:					
After completion of the course, learners would be able to:					
<ul style="list-style-type: none"> • CO1: Students will be sensitized to issues on human rights, ecology, and, science and technology • CO2: Students will have a basic understanding of Competitive examinations. • CO3: Students will be inculcated with scientific temper and the use of technology in everyday life.. • 					
Outline of Syllabus: (per session plan)					
Module	Description				No of Hours
1	Unit-I Significant, contemporary Rights of Citizens <ul style="list-style-type: none"> • Rights of Consumers-Violations of consumer rights and important provisions of the Consumer Protection Act, 2016; Other important laws to protect consumers; Consumer courts and consumer movements • Right to Information- Genesis and relation with transparency and accountability; important provisions of the Right to Information Act, 2005; some success stories. • Protection of Citizens'/Public Interest-Public Interest Litigation, Whistle Blower Act; some landmark cases • Citizens' Charters, Public Service Guarantee Acts 				12
2	Unit-2 Approaches to understanding Ecology				11

	<ul style="list-style-type: none"> • Understanding approaches to ecology- Anthropocentrism, Biocentrism and Eco centrism, Ecofeminism and Deep Ecology • Environmental Principles-1: the sustainability principle; the polluter pays principle; the precautionary principle. • Environmental Principles-2: the equity principle; human rights principles; the participation principle. 	
3	<p>Unit-3 Science and Technology II</p> <p>Part A: Some Significant Modern Technologies, Features and Applications:</p> <p>i. Laser Technology- Light Amplification by Stimulated Emission of Radiation; use of laser in remote sensing, GIS/GPS mapping, medical use.</p> <p>ii. Satellite Technology- various uses in satellite navigation systems, GPS, and imprecise climate and weather analyses.</p> <p>iii. Information and Communication Technology- convergence of various technologies like satellite, computer and digital in the information revolution of today's society.</p> <p>iv. Biotechnology and Genetic engineering- applied biology and uses in medicine, pharmaceuticals, and agriculture; genetically modified plant, animal, and human life.</p> <p>v. Nanotechnology- definition: the study, control, and application of phenomena and materials at length scales below 100 nm; uses in medicine, military intelligence and consumer products.</p> <p style="text-align: center;">•Part B: Issues of Control, Access, and Misuse of Technology</p>	11
4	<p>Unit 4- Introduction to Competitive Examinations (11 lectures)</p> <p>Part A. Basic information on Competitive Examinations- the pattern, eligibility criteria and local centres: (4 Lectures)</p> <p>i. Examinations conducted for entry into jobs by Union Public Service Commission, Staff Selection Commission (SSC), State Public Service Commissions, Banking and Insurance sectors, and the National and State Eligibility Tests (NET / SET) for entry into teaching profession.</p> <p>Part B. Soft skills required for competitive examinations- (7 Lectures)</p>	11

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<p>i. Information on areas tested: Quantitative Ability, Data Interpretation, Verbal Ability and Logical Reasoning, Creativity and Lateral Thinking</p> <p>ii. Motivation: Concept, Theories and Types of Motivation</p> <p>iii. Goal-Setting: Types of Goals, SMART Goals, Stephen Covey's concept of human endowment</p> <p>iv. Time Management: Effective Strategies for Time Management</p> <p>v. Writing Skills: Paragraph Writing, Report Writing, Filing an application under the RTI Act, Consumer Grievance Letter.</p>	
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Readings

1. Asthana, D. K., and Asthana, Meera, Environmental Problems and Solutions, S. Chand, New Delhi, 2012.
2. Bajpai, Asha, Child Rights in India, Oxford University Press, New Delhi, 2010.
3. Bhatnagar Mamata and Bhatnagar Nitin, Effective Communication and Soft Skills, Pearson India, New Delhi, 2011.
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9. Parsuraman, S., and Unnikrishnan, ed., India Disasters Report II, Oxford, New Delhi, 2003.
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11. Sathe, Satyaranjan P., Judicial Activism in India, Oxford University Press, New Delhi, 2003.
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