



Hindi Vidya Prachar Samiti's

# **Ramniranjan Jhunjhunwala College**

**of Arts, Science & Commerce**

**(Autonomous College)**

Affiliated to

**UNIVERSITY OF MUMBAI**

**Syllabus Framework As Per LOCF**

**PROGRAM: B.Com. Environmental Studies**

**PROGRAM CODE: RJCUCOM**

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## **THE PREAMBLE**

### **Why Environmental Studies?**

The growing concern about the changes in environment brought by human actions has led to the development of the subject of environmental studies. Environmental studies by virtue of its strong linkages with physical sciences, social sciences, humanities and law is an interdisciplinary subject that seeks to understand the environment in a holistic way.

With businesses going green, environment education is opening up career opportunities in the corporate world, in private industries and as freelance consultants and NGOs who can assess, analyse and help alleviate several problems in the environment related to environmental degradation, poverty and hunger, public health and sanitation, famine and drought and so on.

Environmental studies has a relevant place in the faculty of commerce where the stakeholders are trained to understand trade, commerce, business, financy, accounting, auditing & so on. It will be important for them to understand that to have a healthy environment, environmental costs will have to be built into the economic cost before profit margins are worked out, so that business remains green - an important agenda for the environment.

Environmental studies does not merely examine the earth as a system, it encourages the development of a value system that respects the coexistence of people, culture and environment, so that the world becomes a better place to live in.

### **Why Environmental Studies at R J College?**

Environmental Studies is framed as one of the papers in the First year of a three years degree program. Environmental Studies develops the attitude of concern for the quality of the environment and the importance of citizens and consumers. It creates awareness about environmental problems and its causes and consequences.

### **Our Curriculum, Your Strength**

Environmental Studies is an important subject in the commerce faculty. It creates an awareness about the environmental consequences of human activities. Semester I provides theoretical knowledge about environment and ecosystem, importance of natural resources and sustainable development, the concern for growing population and its impact on the quality of environment & environmental consequences of urbanization. Semester II includes environmental problems created by agriculture and industry and sustainable solutions, solid waste management, Environmental Management (GIS, GPS, Remote sensing) & tourism and its environmental impact.

## **Programme Outcome**

Programme outcome refers to the overall characteristics an individual is supposed to acquire on the completion of the one year program in Environmental Studies in Bachelor of Commerce.

The attributes based on acquisition, accumulation and processing of knowledge of the particular subject are transferable beyond the discipline and useful in different domains of life.

- **Domain knowledge:** It refers to the comprehensive understanding of the disciplines knowledge acquired during the programme
- **Critical thinking:** capability to generate an analytical frame of mind in terms of application of concepts, theories and methods, formulate questions and quest to seek solutions to the problems.
- **Analytical skills:** ability to evaluate the problems, identify the logical flaws, skillful application of research methods and generate and understand data sets.
- **Problem solving capacity:** capacity to extrapolate from what one has learned and apply their competencies to solve different kinds of non-familiar problems.
- **Team work:** Ability to work effectively and respectfully with diverse teams; facilitate cooperative or coordinated effort on the part of a group, and act together as a group or a team in the interests of a common cause and work efficiently as a member of a team.
- **Moral and ethical awareness:** Ability to embrace moral/ethical values in conducting one's life, formulate a position/argument about an ethical issue from multiple perspectives, and use ethical practices in all work.
- **Digital literacy:** Capability to use ICT in a variety of learning situations, demonstrate ability to access, evaluate, and use a variety of relevant information sources; and use appropriate software for analysis of data.

**PROGRAM SPECIFIC OUTCOMES  
FOR  
B.Com. Environmental Studies**

The following programme specific outcome of Environmental Studies are:

- To develop core competency in the discipline of Environmental Studies.
- To understand the fundamental concepts, theories in Environmental Studies.
- Global Processes and patterns.
- To train the students in skills to develop confidence and memory for competitive exams.
- To demonstrate critical, innovative, and out of box thinking on Environmental issues
- To develop digital literacy & skills to develop confidence and memory for competitive exams.
- Skills to empower critical thinking, reasoning & memory.

**Environmental Studies Programme Specific Outcomes Descriptors**

	FYBCom	
	Semester I	Semester II
Disciplinary Knowledge	✓	✓
Critical Thinking	✓	✓
Geographical Skills	✓	✓
Theoretical knowledge learning skills	✓	✓
Team Work	✓	✓
Digital Learning	✓	✓
Capacity building skills	✓	✓

## **Teaching Learning Methods**

The teaching learning method has been designed with student centric focus. The main aim of the teaching pedagogy is to teach domain knowledge to the students. It further aims to develop critical thinking, logical analysis and comprehensive development of the students studying the subject. The teaching learning methods include:

- Classroom teaching: Explaining concepts, theories, methodologies related to the subject
- Blended learning: Use of zoom platform, explainer videos and documentaries
- Knowledge repository: Use of Google classroom
- Group discussion: online and offline based on topic taught
- Presentations: online and offline based on the syllabus
- Field visits: based on the syllabus
- Digital learning: Training students with the digital tools and technologies

### **Assessment Method**

1. Two Internals of 20 marks each. Duration 30 min for each.
2. One External (Semester End Examination) of 60 marks. Duration: 2 hours.
3. Minimum marks for passing the Semester End Examination is 40 %.
4. Students must appear for at least one of the two Internal Tests to be eligible for the
5. Semester End Examination.
6. For any ATKT examinations, there shall be ODD-ODD/EVEN-EVEN pattern followed.
7. HOD's decision, in consultation with the Principal, shall remain final and abiding to all.

### **Evaluation and Assessment**

**Total marks per course - 100.**

#### **Internal Assessment - 40 marks**

- Internal Assessment I : Multiple choice questions (20 marks)
- Internal Assessment II : Multiple choice questions (20 marks)

#### **FYBCom Semester End Examination – 60 marks**

Question paper covering all units  
Four Units of 15 marks each  
Each question has an internal option

1. Unit I	15
● A	8
● B	7
OR	
1. Unit I	15
● A	8
● B	7
2. Unit II	15
● A	8
● B	7
OR	
2. Unit II	15
● A	8
● B	7



3. Unit III		15
• A		8
• B		7
	OR	
3. Unit III		15
• A		8
• B		7
4. Unit IV)		15
• A		8
• B		7
	OR	
4. Unit IV)		15
• A		8
• B		7