



# ST ANTHONY'S COLLEGE

(A Don Bosco Institution)

SHILLONG 793 001

MEGHALAYA - INDIA

NAAC Re-Accredited with 'A'

College with Potential for Excellence (awarded by UGC)

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## Metric 1.3.1

The relevant Syllabi for the courses integrating crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum are detailed in the following pages.

The Department of Value Education deals with the issues of Professional Ethics, Gender and Human Values and topics to be taught and presented to students are listed below. The Course is compulsory for all students of all streams. There are Value Education Classes during every semester within the formal framework of the College Routine divided into Classes comprising of one or more sets of Honours students in a single group.

### **Department of Value Education**

(Topics Covered within the Syllabus)

1. Learning the names
2. Introduction
3. Character
4. Goal setting
5. Success & Failures
6. Attitude
7. Gratitude
8. Forgiveness -1
9. Independence of India
10. Dr Abdul Kalam's Letter
11. Seven Social sins
12. Citizenship
13. 90-10 Principles
14. My Philosophy for a Happy Life
15. Lessons from Bamboo
16. Motivation
17. Healthy Living
18. Suicide among adolescents with Substance Abuse
19. Smartphones-Internet-Facebook
20. Life 1- Beginning of Life
21. Life - 2 Abortion facts
22. Life-3 99 Balloons-People who chose life
23. Life-3 Persons are gift
24. Life coping Skills - Self Esteem
25. Secrets of success-8 TO BE GREAT
26. Parents Love
27. Forgiveness-2
28. Social responsibility- 1
29. Clean India
30. E-Waste
31. Patriotism – Independence
32. Anger Management
33. Corporate Lessons - never give up

34. Excessive use of Social Media – Impacts
35. Substance Abuse – Impacts
36. Pornography
37. Cancer Awareness
38. Butterfly Circus
39. Time management
40. Change & Adaptation -Who moved my cheese
41. Care for the earth and God's creation
42. Honesty
43. Social Responsibility -2
44. Independence Day - 3 year
45. Mumbai Dabbawalas TED Talk – Commitment
46. Team Work
47. Simple Life
48. Tuesdays with Morrie - Life's Greatest Lesson
49. Self-Awareness
50. Conflict Management
51. Stress Management
52. Tips for life – Azim Premji's Lessons
53. Gender difference
54. Understanding Depression
55. Responsible Sexual Behaviour
56. Forgiveness -3
57. Four Fold Blessings

**Common Topics taken for all**

**1. Hazards of Social Media**

**2. CONSTITUTION of India**

The Department of Environmental Studies deals with the issues of Environment and Sustainability and is a component of the Affiliating University UG Curriculum for the Semester VI students. The Course(with the syllabus being common) is compulsory for all students of all streams and being a part of the formal Curriculum framework of the Affiliating University, all requirements of minimum no. of Classes, Continuous Internal Assessment as well as Final University Theory examinations are in place.

**The Syllabus is given in detail below**

**Department of Environmental Studies**

**(UG SYLLABUS as prescribed by the Affiliating University)**

***Unit 1: Introduction to environmental studies and Natural Resources***

Definition, scope and importance of Environmental Studies

Multidisciplinary nature of Environmental Studies

Need for Public awareness

Natural resources and associated problems

(a)**Forest resources:** Use and over-exploitation, deforestation, case studies from NE region. Timber extraction, mining, dams and their effects on forest and tribal people.

(b)**Water resources:** Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems.

(C)**Mineral resources:** Uses and exploitation, Environmental effects of extraction and using mineral resources

(d)**Food resources:** World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity.

(e)**Energy resources:** Growing energy needs, renewable and non- renewable energy sources, use of alternate energy sources.

(f)**Land resources:** Land as a resource, land degradation, man induced landslides, soil erosion and desertification. Wasteland reclamation

Role of individual and traditional institutions in conservation of natural resources.

Equitable use of resources for sustainable lifestyles.

***Unit 2: Ecosystems Biodiversity and its conservation***

Concept of an ecosystem

Structure and function of an ecosystem.

Producers, consumers and decomposers.

Energy flow in the ecosystem

Food chains, food webs and ecological pyramids.

Introduction, types, characteristic features, structure and function of the following ecosystems:-

**Value of biodiversity :** consumptive use, productive use, social, and aesthetic values

Biodiversity National and local levels

**Threats to biodiversity:** habitat loss, poaching of wildlife, man – wildlife conflicts

**Conservation of biodiversity:** In-situ and Ex-situ conservation of biodiversity

Introduction to Biodiversity

Hot spots of biodiversity

India as a mega-diversity nation

Endangered and endemic species of India

### ***Unit 3: Environmental Pollution and Environmental Laws***

Definition

Cause, effects and control measures of

- a) Air pollution.
- b) Water pollution (including marine pollution)
- c) Soil pollution.
- d) Noise pollution

Climate Change (Greenhouse effect & Global Warming), Acid rain, Ozone layer depletion

Solid waste management: causes, effects and control measures of urban and industrial wastes

Environmental Legislation Environment (Protection) Act, 1986

Forest (conservation) Act, 1980 Wild life (protection) Act, 1972

Water (prevention and control of pollution) Act, 1974

Air (prevention and control of pollution) Act, 1981

Role of an individual in prevention of pollution

Issues involved in enforcement of environmental legislation.

### ***Unit 4: Social Issues , Human population and the Environment***

Sustainable development

Urban problems related to energy

Resettlement and Rehabilitation of People; its problems and concerns

**Environmental Ethics:** Issues and possible solutions

Consumerism and waste products

Issues involved in enforcement of environmental legislation.

Population growth, variation among nations

Population explosion- Family Welfare Programme

Environment and human health

Human Rights

Value Education

Role of Information Technology in Environment and human health.

**Disaster management:** floods, earthquake, cyclone and landslides.



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Declaration:

*I hereby declare that the details and information given above are complete and true to the best of my knowledge and belief.*



*Principal*  
Principal  
St. Anthony's College  
Shillong - 793001  
Meghalaya - India