



**Mula Education Society's**  
**ARTS, COMMERCE AND SCIENCE COLLEGE, SONAI**

Tal. Newasa, Dist- Ahmednagar – 414105



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Affiliated to Savitribai Phule Pune University, Pune (I.D.PU/AN/ASC/031/1989)  
NAAC Re-accredited with 'A' Grade (Valid till 27/03/2022), DBT Star College Scheme, ISO 9001: 2015 Certified, AISHE Code – C-42096

## Additional Information for the Metric 1.3.1

**The Metric 1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.**

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## Document No. 1: Crosscutting Issues

1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.

Sr. No.	Subject	Name of Course	Class	Professional Ethics/ Gender/ Human Values/ Environment
1)	Environmental Awareness	Environmental Awareness	SYBA/BCom/Bsc	Environment
2)	Food Processing	Environmental Science	FYBVoc	Environment
3)	Botany	Advanced Plant Ecology	M.Sc.	Environment
4)	Botany	Taxonomy of Angiosperms and Plant Ecology	SYBSc	Environment
5)	Botany	Plant Ecology and Biodiversity	TYBSc	Environment
6)	Chemistry	Basic Practical Chemistry-I Section-II	M.Sc.	Environment
7)	Political Science	Public Policy in India	MA	Gender
8)	English	Additional English	FYBA	Human Value, Gender, Environment
9)	English	Compulsory English (2019 Pattern)	SYBA	
10)	English	SEC 1A: Advanced Study of English Language (CBCS pattern)	SYBA	



  
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Syllabus for

Ability Enhancement Compulsory Course (AECC – Environment Studies)(2 credit) for under graduate

(S.Y.BSc. Semester III)

It is as per UGC guidelines and framing :-

**Unit 1 : Introduction to environmental studies**

- Interdisciplinary nature of environmental studies;
- Scope and importance; Concept of sustainability and sustainable development.

(2 lectures)

**Unit 2 : Ecosystems**

- What is an ecosystem? Structure and function of ecosystem ; Energy flow in an ecosystem : food chains, food webs and ecological succession. Case studies of the following ecosystems :
  - a) Forest ecosystem
  - b) Grassland ecosystem
  - c) Desert ecosystem
  - d) Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)

(8 lectures)

**Unit 3 : Natural Resources : Renewable and Non-renewable Resources**

- Land resources and land use change; Land degradation, soil erosion and desertification.
- Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations.
- Water : Use and over-exploitation of surface and ground water, floods, droughts conflicts over water (international & inter-state).
- Energy resources : Renewable and non renewable energy sources, use of alternate energy sources, growing energy needs, case studies.

(10 lectures)

**Unit 4 : Biodiversity and Conservation**


- Levels of biological diversity : genetic, species and ecosystem diversity; Biogeographic zones of India; Biodiversity patterns and global biodiversity hot spots
- India as a mega-biodiversity nation; Endangered and endemic species of India
- Threats to biodiversity : Habitat loss, poaching of wildlife, man-wildlife conflicts, biological invasions; Conservation of biodiversity : In-situ and Ex-situ conservation of biodiversity.
- Ecosystem and biodiversity services : Ecological, economic, social, ethical, aesthetic and Informational value.

(10 lectures)

**References :**

1. Carson, R. 2002. Silent Spring. Houghton Mifflin Harcourt.



  
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Syllabus for  
Ability Enhancement Compulsory Course (AECC – Environment Studies)(2 credit) for under graduate  
(S.Y.BSc. Semester IV)

It is as per UGC guidelines and framing -

**Unit 5 : Environmental Pollution**

- Environmental pollution : types, causes, effects and controls; Air, water, soil and noise pollution
- Nuclear hazards and human health risks
- Solid waste management : Control measures of urban and industrial waste.
- Pollution case studies.

(10 lectures)

**Unit 6 : Environmental Policies & Practices**

- Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture
- Environment Laws: Environment Protection Act; Air (Prevention & Control of Pollution) Act; Water (Prevention and control of Pollution) Act; Wildlife Protection Act; Forest Conservation Act. International agreements: Montreal and Kyoto protocols and Convention on Biological Diversity (CBD).
- Natural reserves, tribal populations and rights, and human wildlife conflicts in Indian context.

(9 lectures)

**Unit 7 : Human Communities and the Environment**

- Human population growth: Impacts on environment, human health and welfare.
- Resettlement and rehabilitation of project affected persons; case studies.
- Disaster management : floods, earthquake, cyclones and landslides.
- Environmental movements : Chipko, Silent valley, Bishnois of Rajasthan.
- Environmental ethics: Role of Indian and other religions and cultures in environmental conservation.
- Environmental communication and public awareness, case studies (e.g. CNG vehicles in Delhi).

(6 lectures)

**Unit 8 : Field work**

- Visit an area to document natural assets: river/ forest/ flora/fauna, etc.



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Department of B.Voc Food Processing


COURSE:- FOOD PROCESSING (DAIRY MILK)

SEMESTER -II PAPER XI FPT 10 ENVIRONMENTAL SCIENCE (THEORY)

Marks 50 Credits 03

Sr. No.	Topics	Lectures	Credit
1	<b>Introduction of Environment.</b> Definition of Environment and Environmental Science, Environmental Science - Scope and Importance, <b>Biosphere:</b> Definitions,	2	03
2	<b>Evolution</b> of the universe .Evolution of the elements; origin of the earth, Solar system, Evolution of life, Atmosphere of the primitive earth.	2	
3	<b>Ecology</b> Definition; branches; scope; and its relation to other divisions of sciences, Autecology and synecology, Ecosystem- Concept and structure of ecosystem, Functions of ecosystem, Biotic components of ecosystem (producer, consumer and decomposer), Abiotic components of ecosystem.	06	
4	<b>Soil</b> -Soil formation. Types of Soil, Soil profiles, Physical and chemical characters of soil, Biological characters of Soil, Topographic factors.	3	
5	<b>Sources of Water</b> :Natural Water Resources and their types, Precipitation: Types of precipitation, Rainfall measurement (Rain gauge), Recording type, Non Recording type. Surface sources: Rivers, Lakes, Streams, Ponds, Storage reservoir.	4	
6	<b>Ecosystem</b> , Basic concepts, components of Ecosystem, Trophic levels, food chains and food webs, Ecological pyramids, Ecosystem functions, Energy flow in ecological systems, energy efficiencies.	05	
7	<b>Ecosystem</b> -Terrestrial ecosystem -Dessert ecosystem, Grassland ecosystem, Forest ecosystem (Evergreen and Deciduous), Mountain ecosystem. Marsh land.  Aquatic Ecosystem: Freshwater ecosystem Lentic ecosystem- Ponds and Lakes, Lotic ecosystem – Rivers and Streams. Marine ecosystem: Oceans , Seas, and Estuaries.	10	
8	<b>Biogeochemical cycles</b> Gaseous cycles, Oxygen cycle, Carbon cycle, Nitrogen cycle. Phosphorus cycle, Sulphur cycle.	4	
9	<b>Succession</b> , Concepts of succession, Types of Succession. Trends in	4	



  
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	succession.Climax and stability.Co-evolution and group selection.		
10	<b>Biodiversity conservation-</b> International and national efforts to conserve biodiversity.Socio-cultural aspects of biodiversity.Biotechnological needs for biodiversity conservation.Traditional knowledge and biodiversity conservation.	5	
	<b>Total</b>	45	03


**COURSE: - FOOD PROCESSING (DAIRY MILK)  
SEMESTER -II PAPER – XI FPP 11**

**ENVIRONMENTAL SCIENCE (PRACTICAL)**

**Marks 100 Credits 06**

Sr No	Name of Practical	Credits
1	Analysis of frequency distribution of plants in a piece of vegetation by quadrat method	04
2	To determine chlorophyll content of the given plant material.	
3	Quantitative analysis of soil pH and water holding capacity	
4	Comments on life cycle of some economically important insects	
5	Identification of museum specimens of some economically important fishes.	
6	To study the 'Laboratory Safety Rules' and First-Aid and emergency treatment in laboratory	
7	Identification of phytoplankton and zooplankton samples from different water Sample.	
8	To study the ecological adaptations of hydrophytes, xerophytes, mesophytic and halophytic plants / animals specimens	
9	Determination of leaf area index	
10	To study the laboratory equipments and instruments (Oven, , Autoclave, Electronic balance, pH meter, Colorimeter, etc).	
11	To study the laboratory equipments and instruments (Oven, Microscope, Incubator, Inoculation chamber	
12	Estimation of Alkalinity of provided water sample	
13	Estimation of total hardness from water sample by E. D. T. A. method	
14	Estimation of Acidity from provided water sample.	
15	Estimation of chlorides from water sample by Argentometric method	
16	Visit to water purification plant	02
	<b>Total</b>	<b>06</b>



  
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**M.Sc. II Botany Semester IV**  
**BOUT 242: Theory Paper-2: Advanced Plant Ecology**  
**Semester-IV (4 Credits- 60 Hrs)**

Topic Details	Lectures
<b>Credit-I</b>	
Levels of species diversity and its measurement, indices of $\alpha$ -diversity, species rarefaction; $\beta$ -diversity similarity & dissimilarity indices.	2
Basis of Ecosystem classification. Types of Ecosystem: Desert (hot and cold), forest, rangeland, wetlands, lotic, lentic, estuarine (mangrove), Oceanic.	2
Aquatic Ecology: Freshwater and marine, ecology of estuaries and intertidal zones, mangroves	2
Ecosystem Stability: Concept (resistance and resilience), ecological perturbations (natural and anthropogenic) and their impact on plants and ecosystems	2
Biomes: Concept, basis of classification; Holdrige life zone classification; Characteristics of different biomes: Tundra, Taiga, Grassland, Deciduous forest biome, Alpine Biome, Chapparal, Savanna, Tropical Rain forest; adaptations in plants in various biomes	3
Agro-ecological zones of India: basis of classification and characteristics	2
Forest types of India (Champion and Seth, 1968): basis of classification and characteristics	2
<b>Credit-II</b>	
Methods in field ecology: Methods of estimating population density of plants, ranging patterns through direct, indirect and remote observations, sampling methods in the study of habitat characterization: ground and remote sensing methods.	3
Biodiversity and its conservation: Definition, types, importance of biodiversity and threats to biodiversity; Principles of conservation, major approaches to management; methods of conservation with examples; Indian case studies on conservation and management strategy (Sanctuaries/Sacred groves/National Parks/Botanical Gardens). Concept and basis of identification of 'Hotspots'; hotspots in India.	5



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Concepts of gene pool, bio-piracy and bio-prospecting; Concept of restoration ecology; Extinct, Rare, Endangered and Threatened flora of India.	2
Environmental Biotechnology: Phytoremediation – definition, types and role of plants for in-situ and ex-situ remediation; bio-Indicators, bio-fertilizers, biofuels and biosensors.	2
Environmental issues: Local, regional and global; air, water, and soil pollution - kinds, sources, quality parameters; climate change and its relationship with plants; Use of plants in mitigation of pollution, effect on plants and ecosystems	3
<b>Credit-III</b>	
Plant relations (eco-physiology) with climatic factors such as water, precipitation, temperature, light and radiation. Plant relations with edaphic factors: types of soil, soil moisture and water holding capacity of the soil, soil nutrients, soil microbes	4
Plant-plant interaction, concept of allelopathy; Plant-animal interaction, herbivory, carnivorous plants; Plant- microbes Interaction; Mutualism, parasitism	3
Ecological/Environmental Ethics: Definition, concept, nature and origin of environmental ethics, ecological consciousness, views of developed and developing countries, environment community and equity, integrating ethical values and knowledge, self centered development and environment	4
Restoration ecology, plants in conservation of soils, restoration of land and degraded water bodies	2
Overview of Environmental Laws in India: Wildlife Protection Act, 1972; Forest Conservation Act, 1982 (revised); Biological Diversity Act, 2002; National Forest Policy, 1988; National Environmental Policy, 2006	2
<b>Credit-IV</b>	
Environmental Impact Assessment: Aims and objectives of Environmental Impact Assessment; concept, scope, process and necessity; Environmental Impact Statement (EIS) and Environmental Management Plan (EMP).	4
EIA Guidelines; Impact Assessment Methodologies.	1
Procedure for reviewing EIA of developmental projects. Life-cycle analysis, cost-benefit analysis. Guidelines for Environmental Audit. Environmental Planning as a part of EIA and Environmental Audit;	3
Human impact on ecosystem and its consequences- Agriculture societies, degradation of natural resources. Impact of fertilizers, pesticides, fungicides and weedicides on crops and plants	2
Bio-indicators of environmental degradation- Concept of Bio-Indicators, bio indicators plants, role of bio-indicators in pollution control.	2



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Concept of carrying capacity, ecological footprint; sustainability	1
Biomass carbon sequestration: above ground, belowground, deadwood, litter, soil organic carbon.	2



**S.Y.B.Sc. Botany CBCS Pattern**  
(Semester III, Paper I) 2020-2021  
**BO 231: Taxonomy of Angiosperms and Plant Ecology - 2 Credits (30 Lectures)**

Sr. No.	Topic Details	No. of Lectures
<b>Credit-I</b>		<b>15</b>
1.	<b>Introduction to Angiosperms Taxonomy</b> Definition, scope, objectives and importance of taxonomy Exploration, Description, Identification, Nomenclature and classification Concept of Systematics with brief historical background	02
2.	<b>Systems of classification</b> Comparative account of various systems of classification Artificial system- Carl Linnaeus Natural system- Bentham and Hooker Phylogenetic system- Engler and Prantl APG system- A brief review	05
3.	<b>Study of Plant Families</b> Study of following families with reference to systematic position (As per Bentham and Hooker's system of classification), salient features, floral formula, floral diagram and any five examples with their economic importance – Annonaceae, Brassicaceae, Myrtaceae, Rubiaceae, Solanaceae, Apocynaceae, Nyctaginaceae and Amaryllidaceae	08
<b>Credit-II</b>		<b>15</b>
4.	<b>Botanical Nomenclature</b> Concept of nomenclature, brief history, Binomial nomenclature International Code for Nomenclature of Algae, Fungi and Plants (ICN)- Principles, Rules and Recommendations; 'Type' specimen and its types (Holotype, Paratype, Isotype, Lectotype, Neotype). Concept of Typification. Ranks and endings of taxa names, Coining of Genus and Species names Single, double and multiple authority citations	05
5.	<b>Introduction to ecology</b> Definition, concept, scope, and interdisciplinary approach, autecology and synecology. Species diversity: definition, concept, scope, and types: Alpha, Beta and Gamma diversity. Methods of vegetation sampling: quadrat method, transect method, plot less method Genetic Diversity: definition, nature and origin of genetic variations Species Diversity: definition, origin of species diversity, diversity indices, species abundance Ecosystem Diversity: definition, major ecosystem types of the world, Hotspots in India – concept and basis of 'hotspot' identification.	06
6.	<b>Ecological grouping of the plants</b> Ecological grouping of the plants with reference to their significance of adaptive external and internal features: a) Hydrophytes, b) Mesophytes c) Xerophytes d) Halophytes with examples.	04



T.Y. B.Sc. Botany

- c. Qualitative tests for alkaloids, tannins, glycosides, starch, lipids and proteins.
- d. Enzyme activity: catalase

**Paper II: BO.342: PLANT ECOLOGY AND BIODIVERSITY**

**Plant Ecology (24L)**

**1. Ecology**

**(8L)**

Introduction, Interrelationship between the living world and the environment, components and dynamism of Ecosystem, homeostasis.

Impact of human activities on environment – Causes, Prevention and control of – Air, water and Soil Pollution

Brief account of environmental toxicology – Eutrophication, bioaccumulation and biomagnifications

**2. Environmental Crisis**

**(3L)**

Desertification, Ozone depletion and Global warming

**3. Environmental Impact Assessment**

**(3L)**

Process, objectives of EIA, Hierarchy in EIA, Historical Review of EIA, Concepts related to EIA, Basic data collection for EIA

**4. Environmental Audit**

**(3L)**

Meaning, need, Audit Protocol, Processing, Certification, personnel environmental Audit.

**5. Ecology and Economics**

**(3L)**

Man and Biosphere concept.

Relation between ecology and economics

**6. Remote Sensing**

**(4L)**

Definition, basic principles,

Process of data acquisition and interpretation,

Global positioning System

Application of Remote Sensing in ecology.



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## Biodiversity (24L)

### **Introduction to Biodiversity (02 L)**

Introduction, Concept, Aims and objectives,  
Scope and values of Biodiversity.

### **Characterization of Biodiversity: (05 L)**

Introduction, need for characterization, various disciplines of Biodiversity- Genetics,  
Species and Ecosystem. Concept of endemism and phytogeography.

### **Biodiversity Loss: (03 L)**

Loss of Species and Genetic Diversity: Introduction, Factors causing loss of species  
and genetic diversity, Founder Effects, Genetic Drift, Inbreeding Depression, IUCN  
Categories (RET plants)

### **Inventorying and Monitoring of Biodiversity: 03 L)**

Introduction, Necessity, planning and approaches to inventorying and monitoring,  
capacity building.

### **Conservation of Biodiversity: (11L)**

Current Practices in Conservation,

*In-situ Conservation:* International efforts and Indian initiatives; protected areas in  
India, Concept of Biosphere Reserves and National Parks.

*Ex-situ Conservation:* Germplasm Collections, Botanical Gardens, Seed Banks, Gene  
Banks, Pollen Banks, DNA Banks, Wetlands, mangroves and coral reefs. Enlist  
national agencies playing role in conservation (BSI, NBPGR, ICAR, CSIR, DBT),

*Social Approach to Biodiversity Conservation:* Sacred Groves, Sthalavrikshas,  
Chipko Movement, Role of Universities and other Educational Institutions in  
Biodiversity Conservation

### **References:**

1. **M. Anji Reddy** Textbook of Remote sensing and GIS (Third edition, 2006) by  
BS Publication, Hyderabad



  
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# M.Sc. Chemistry.

M. Sc. [I]

Chemistry

4. Experimental Physical Chemistry by D. P. Shoemaker, Mc. Growhill, 7th Edition, 2003.
5. Physical chemistry by Wien (2001)
6. Advance Physical Chemistry Experiment, Gurtu and Gurtu, Pragati Publication (Meerut).
7. Experiments in Chemistry, D. V. Jahagirdar, Himalaya Publishing House
8. Practical physical Chemistry, B. Vishwanathan and P. S. Raghwan, Viva Books

## **Sec-II: Organic Chemistry (11 Experiments)**

**Introduction to Laboratory Safety:** Meaning of safety signs on container of chemicals, safety handling of chemicals, MSDS sheets: Detailed explanation at least for 4 different types of substances (e.g. nitric acid, benzene, potassium dichromate, bromine, etc.), Handling of glassware's and care to be taken, handling of organic flammable as well as toxic solvents in laboratory, use of safety goggles, shoes and gloves, fire extinguisher and its use, action to be taken in accidental cases e.g. cleaning of acid spill over, use eye wash station and bath station in emergency, etc. (compulsory)

### **Part-I: Purification Techniques (Compulsory) (8 Experiments)**

- a) Purification of two organic solids by recrystallization using solvents other than water
- b) Purification of two organic liquids by upward/downward/traditional distillation technique
- c) Column Chromatography technique should be performed for any one of the following preparation
- d) Sublimation by Cold Thumb Method
- e) Thin Layer Chromatography technique two mixtures

### **Part-II: Introduction to Green Chemistry (Compulsory 1 Practical)**

Concept of green chemistry, twelve principals of green chemistry, applications of green chemistry for sustainable development, Atom economy, Monitoring of reaction using TLC.

#### **Green Chemistry Experiments (any two)**

1. Preparation of Schiff's bases in aqueous medium.
2. Preparation of dihydropyrimidinone under solventfree conditions
3. Preparation of acetanilide from aniline and acetic acid using Zn dust

#### **1. Examination Scheme:**

1. The examination structure will be given before the commencement of examination.
2. Use of only university supplied procedure will be allowed at the time of examination.
3. One experiment from Physical chemistry and any one experiment from organic section will be assigned.



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3. Experiments in Chemistry, D. V. Jahagirdar, Himalaya Publishing House
4. General Chemistry Experiments, Anil. J Elias, University Press (2002)
5. Practical physical Chemistry, B. Vishwanathan and P. S. Raghwan, Viva Books

### Section -II: Organic Chemistry (11 Experiments)

1. Base catalyzed aldol condensation using LiOH.H<sub>2</sub>O as a Catalyst.
2. Bromination of *trans*-stilbene using sodium bromide and sodium bromate
3. [4+2] cycloaddition reaction in aqueous medium at room temperature
4. BenzilBenzilic acid rearrangement under solvent free condition
5. Clay catalyzed solid state synthesis of 7-hydroxy-4-methylcoumarin
6. Ecofriendly nitration of phenols and its derivatives using Calcium nitrate
7. Bromination of acetanilide using ceric ammonium nitrate in aqueous medium
8. Green approach for preparation of benzopinacolone from bezopinacol using iodine catalyst,
9. Preparation of 1, 1-bis-2-naphthol under grinding at room temperature.
10. Solvent free aldol condensation between 3,4-dimethoxybenzaldehyde and 1-indanone
11. Preparation of azlactone from hippuric acid
12. Preparation of thioamide from benzaldehyde in water.

**Note:** Students should perform a) Relevant chemical analysis. b) Column chromatography. c) Elemental analysis. d) Spectroscopic interpretation. e) How to draw schemes and mechanism using Chem Draw / ISIS Draw etc.

#### N B. :

1. Use molar concentrations for volumetric /estimations/synthesis experiments.
2. Use optimum concentrations and volumes
3. Two burette method should be used for volumetric analysis ( Homogeneous mixtures )
4. Use of microscale technique is recommended wherever possible

#### References:

1. Comprehensive Practical Organic Chemistry by V.K. Ahluwalia and Renu Aggarwal
2. Monograph on Green Chemistry Laboratory Experiments by Green Chemistry TaskForce Committee, DST

#### Learning Outcomes:

1. This course is designed to make students aware of how to perform organic compounds in laboratory.
2. The course includes synthesis of some derivatives and organic compounds, which will help them while working in research laboratory in future.
3. Making derivatives of organic compounds will help them in industry or while doing research in medicinal chemistry for Drug development.
4. This practical course is also designed to make student aware of green chemistry and role of green chemistry in pollution reduction.
5. The students learn how to avoid solvents and do solvent free reaction.
6. Also the work-up procedure in many experiments is made more eco-friendly to environment.

#### Course Outcomes:

1. Students are trained to different purification techniques in organic chemistry like recrystallization, distillation, steam distillation and extraction.
2. Students are made aware of safety techniques and handling of chemicals.



# M.A. Political Science Credit & Semester System

## PO-O11 Public Policy in India

**Objectives:** The purpose of this course is to provide students an understanding of the policies framed and being implemented by the Government of India to realize overall development of the country. The course has been designed to provide broad understanding of these policies to students and help them analyze these policies. It also attempts to assess how these policies have shaped life of Indians in general.

### 1. History of Indian Public Policy

- a) Mixed-Economy era
- b) Post Globalization era

### 2. Regulatory Policies

- a) Environment Policy
- b) Information Technology Policy

### 3. Welfare Policies

- a) SC, ST, OBC and Religious Minorities
- b) Women, Children and Third Gender

### 4. Distributive Policies

- a) Food security Policy
- b) Reservation Policy

### 5. Development Policies

- a) Energy policy
- b) Agriculture and Industrial Policy

### Readings:

1. Chakrabarti Rajesh and Sanyal Kaushiki, 2015, *Public Policy in India*, New Delhi, Oxford University Press.
2. Dayal Ishwar et al, 1976, *Dynamics of Formulating Policy in Govt. of India*, New Delhi, Concept.
3. Ganapathy R.S. et al (ed), 1985, *Public Policy and Policy Analysis in India*, New Delhi, Sage Publication.
4. Joshi Vijay and I. M. D. Little, 2006, *India's Economic Reforms 1991-2001*, New Delhi, Oxford University Press.
5. Kashyap Subhash C., (ed), 1990, *National Policy Studies*, New Delhi, McGraw-Hill
6. Kumar Avanish and Narain Vishal, 2014, *Public Policy and Governance in India in Vision-The Journal of Business Perspective*, Sage, 18(4) pp 257-260.
7. Mathur Kuldeep, 2013, *Public Policy and Politics in India: How Institutions, Matter*, New Delhi, Oxford University Press.
8. Saumitra Mohan, 2018, *Indian Policy and Development: A Manual for National Schemes and International Policies*, Chennai, McGraw-Hill
9. Weiner Myron, 1979, *Social science research and public policy in India. Economic and Political Weekly*, 14(37), 1581-1587.



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## PO-C12 Politics and Society

**Objectives:** This Course expects students to understand the interface of politics with social structures and processes and how the nature of power is shaped by social factors.

### 1. Introduction

- a) Community
- b) Culture
- c) Religion

### 2. Inter-relationship between Politics and Society

- a) Role of State
- b) Nationalism
- c) Leadership

### 3. Politics, Society and Economy

- a) Inequality
- b) Class
- c) Caste

### 4. Social Movements and Development

- a) Anti Corruption Movement
- b) Nirbhaya Movement
- c) Environmental Movement

### 5. Issues in Society and Politics

- a) The Politics of National Identity
- b) Ethnicity and Gender
- c) Human Right

### Readings:

1. Awari Vilas.2020, *Rajyashasra: Badalte Pravah v Bhumika*, Kanpur, Garima Prakashan.
2. Christenson R.et al, 1971, *Ideologies in Modern Politics*, Melbourne, Nelson.
3. Dahl R.A., 1977, *Modern Political Analysis*, New Delhi, Prentice Hall
4. K. Samuel, 1974, *Representative Bureaucracy*, Englewood Cliffs, N.J. Prentice-Hall.
5. Milner Andrew, 1999, *Class*, London, Sage Publication.
6. Pierson Christopher, 2004, *The Modern State*, London, Routledge.
7. Smith, B.C., 2003, *Understanding Third World Politics*, London, Palgrave-Macmillan.



## PO-C9 World Politics-New Developments

### Objectives:

1. The objectives of this course are to introduce the students to the contemporary issues and debates in the world politics.
2. The students would also be made aware of the dimensions of the making of the foreign policy as well as the role of Non- State Actors in World Politics.
3. They would also learn about the emerging New World Order and the challenges to it.

#### 1. Foreign Policy

- a) Definition and making of foreign policy
- b) Factor influencing the foreign policy (Internal and external)
- c) Role of state in making of foreign policy

#### 2. Intervention and coercive

- a) Methods of Intervention
- b) Impact of Intervention
- c) Cross- border relationship

#### 3. Impact of world Trade on Politics

- a) World trade and behavioral of nation
- b) Role of MNCS and TNCS on national politics

#### 4. Challenges before the nation

- a) Use of Military
- b) Terrorism
- c) Ethnic Problems
- d) Refugees

#### 5. Environmental Issues and the nation

- a) Environmental depletion
- b) Effort made by the nation for environmental awareness
- c) Feminism

### Readings:

1. Awari Vilas, 2020, *India's Foreign Policy*, Kanpur, International Publication.
2. Awari Vilas, 2020, *International Relation*, Kanpur, International Publication.
3. Baylis John and Steve Smith, 2005, *The Globalization of World Politics*, London, Oxford University Press.
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Principal  
Mula Education Society's  
Arts, Commerce & Science College  
Sonai, Tal. Newasa, Dist. Anagar



**F. Y. B. A Compulsory English**  
**(w. e. f. 2019-2020)**  
**(Choice Based Credit System)**  
**70:30-Pattern**  
**(70-Semester-End Exam & 30-Internal Evaluation)**

**Prescribed Text: *Literary Glean: An Anthology of Prose and Poetry* (Board of Editors-Orient BlackSwan)**

**Objectives:**

- a) To expose students to the best examples of prose and poetry in English so that they realize the beauty and communicative power of English
- b) To instill human values and develop the character of students as responsible citizens of the world
- c) To develop the ability to appreciate ideas and think critically
- d) To enhance employability of the students by developing their linguistic competence and communicative skills
- e) To revise and reinforce structures already learnt in the previous stages of learning.

**Semester-I**

**Prose:**

1. Engine Trouble — R. K. Narayan
2. On Saying 'Please' — A. G. Gardiner
3. The Gift of the Magi — O. Henry

**Poetry:**

1. A Red, Red Rose — Robert Burns
2. Leave this Chanting and Singing — Rabindranath Tagore
3. The Felling of a Banyan Tree — Dilip Chitre

**Grammar:**

1. Articles
2. Prepositions
3. Verbs  
Regular and Irregular Verbs  
Auxiliary Verbs: Primary and Modal
4. Punctuation

**Communication Skills:**

1. Greeting and Taking Leave



  
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S. Y. B. A.

Compulsory English (Core Course-CC)

**(Choice Based Credit System-70:30-Pattern)**

**(w. e. f- 2020-2021)**

**(03 Credit Course)**

**Preamble:**

The course aims at contributing to the overall personality development of the students. They have to be good human beings before anything else. This laudable aim involves instilling essential human values like tolerance, understanding, sympathy, respecting the differences, living in harmony with nature, protecting the environment etc. In our prose and poetry selections we have kept these considerations in mind. We offer an adequate mix of British, American, Indian and other writers and poets because we want our students to be responsive to an era of globalization but at the same time they have to be rooted in Indian culture and ethos.

Our students have to develop into responsible citizens of the world. They have to become confident and face the challenges of life successfully. Effective use of language is necessary for success in all walks of life. Hence we have focused on enhancing the linguistic skills of the students by concentrating on essential aspects of grammar and enrichment of vocabulary. Apart from the professional and technical qualifications of the employees, the present day employers generally look for certain soft skills which relate to some positive personality traits, attitudes and social skills. Hence the course includes units on some essential soft skills. The course is thus a value oriented and a skill-based course.

**Objectives:**

- a) To expose students to the best examples of literature in English and to contribute to their emotional quotient as well as independent thinking.
  - b) To instill universal human values through best pieces of literature in English
  - c) To develop effective communication skills by developing ability to use right words in the right context.
  - d) To enhance employability of the students by developing their basic soft skills
  - e) To revise and reinforce the learning of some important areas of grammar for better linguistic competence.
- Each semester shall have 3 credits for teaching. Each credit is equal to 15 hours, so this course shall have 45 teaching hours. In addition to that there shall be 03 hours allotted to internal evaluation.  $(3 \times 15 = 45 + 3 = 48)$ . It is equally applicable to all papers/courses.
  - Considering the choice-based credit system (CBCS) and the semester pattern, both Semesters-III & IV will have a uniform evaluation pattern of 100 marks each. There will be an 'Internal Examination' for 30 marks and 'Semester-end Examination' for 70 marks.
  - The Internal Examination for 30 marks will be conducted at college level.
    - a) Assignment/group discussion/tutorial/seminar/oral/project for 10 marks
    - b) A Mid-semester Written Test for 20 marks



  
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**Arts, Commerce and Science College**  
**Sonai, Tal. Newasa, Dist. Ahmednagar**

**S. Y. B. A.**

**Skill Enhancement Course-SEC-1A**

**(Old General English-G-2)**

**(Choice Based Credit System-70:30-Pattern)**

**(w. e. f- 2020-2021)**

**(03 Credit Course)**

**Title of the Paper: Advanced Study of English Language**

**Prescribed Text: Linguistics: An Introduction- (Ed. Board of Editors, Orient BlackSwan)**

**Preamble:**

Language is basically a skill-based subject. The present course is a skill enhancement course. Effective use of language involves multiple skills, namely listening, speaking, reading and writing. In order to acquire these skills and become efficient users of language our students need to be conversant with different aspects of language. Thus the students need to know phonological aspects of language like correct pronunciation, stress, tone groups, intonation patterns etc. The basics of morphology acquaint students with the structure of words and word formation processes. Morphology combined with lexical semantics contributes to the enrichment of vocabulary and helps the students to use right words in a right place in their communication. English in India is a second language and in a second language learning situation, developing insight into the process of sentence formation is very important. Syntax part of the course takes care of this crucial aspect in the development of language skills. Mere correctness of language is not enough. We have to use language appropriately in a given context. Grounding in pragmatics contributes to the language skills of students by helping them produce contextually appropriate utterances. The sociolinguistics part of the course focuses on language variation because language is not a monolithic phenomenon. Awareness of diversity in language use can make the learner a better user of language. The course thus enhances the linguistic and communicative skills of the students.

**Objectives of the Course:**

- a) To familiarize students with the various components of language.
  - b) To develop overall linguistic competence of the students.
  - c) To introduce students to some advanced areas of language study.
  - d) To prepare students to go for detailed study and understanding of language.
  - e) To enhance communicative skills of students by developing insight into the working of language
- Each semester shall have 3 credits for teaching. Each credit is equal to 15 hours, so this course shall have 45 teaching hours. In addition to that there shall be 03 hours

## **Document No. 2: Organized Lecture on ‘Gender Equality and Sensitivity’**

*VidyarthiniManch*

### **Organized Lecture on “Gender Equality and Sensitivity”**

On 1st January 2018 at 10.40 am. **Lectures on Gender Equality and Sensitivity** were organized for students of all disciplines under the initiative of Vidyarthini Manch at the College Seminar Hall. The keynote speaker for this event was Dr. Nirmala Jadhav, Professor, Tarabai Shinde Center for Women's Studies, Dr. Babasaheb Ambedkar Marathwada University was present. The principal of the college Dr. Shankar Laware was the president of the program. Also, Dr. Dnyandev Zine, academic in-charge of the college, and this year's Academic President and Assistant professor of Geography, Shri. Shaukat Fakir had a special present on this occasion. While introducing the program, Dr. Shweta Choudhare mentioned that today gender equality is only on paper or in speeches, but not in reality. For this, there is a need for awareness in the society and first of all, it is possible to change the mentality of the student. Dr. Nirmala Jadhav was the first to explain the concepts of gender and sexism and gave many examples of gender differences in the process of socialization. He denounced the patriarchal system of social order as an obstacle to gender equality. Dr. Dnyandev Zine discussed this issue from the point of view of the economy. According to Dr. Shankar Laware, the rites of human expression that are accepted without examination are more responsible for gender equality. The egoism of racism led to the sublimation of masculinity, which he said was a deliberate attempt to alienate society from sexual sensitivities by raising religious barriers.

At the end of the program, Prof. Shaukat Fakir expressed his gratitude. The program report was written by Miss. Rani Bule. While the hosting by Miss. Dhanashree Tarde. .Nivrutti Mishal, Shri. Shivajirao Dhonkane, Shri. Amol Dahatonde, Shri. Dhanesh Mane, Mrs. Meena Lande, Mrs. Vandana Todmal, Mrs. Manisha Zine was present.



Gender Sensitization program: Speech of Dr.ShwetaChoudhare, Coordinator of Event



Felicitation of Dr.NirmalaJadhav by Dr. S.L. Laware



Speech of Dr. Nirjala Jadhav



Speech of Dr. Nirjala Jadhav



Participant of the Programme



Speech of Dr.Dnyandeo Zine, Vice Principal of the College



Address of Dr. Shankar Laware, Principal of the College.



Speech of Prof. Shaukat Fakir, Academic incharge of the Year.



### Document No. 3: Tree Plantation Report

ACA – R - 16	<b>Tree Plantation Report</b>	Academic Year: 2018-19
Rev : 00		Annual/Semester: I / II
Date: 15.06.2018		

Ref: MES/ACSC/ACA/

Date:20/01/2019

Yashwant Samajik Pratisthan Sonai organized ‘*Krutadnyata Puskar*’ every year, in the year 2019 the standard bearer of the awards were 1. Social Worker Dr. Ravindra Kolhe 2. Journalist Shri. Kumar Ketkar 3.Cine actor Shri Sayaji Shinde. On this occasion Hon. Prashant Patil Gadakh, President of Mula Education Society, conducted a tree planting campaign at Moraya Chinchore village with the participation of National Service Scheme. With the help of villagers, members of Yashwant Samajik Pratisthan, students of schools and colleges about 5 thousand different types trees were planted in it. Total 128 volunteers, including 87 male and 41 female students of the National Service Scheme of the college, participated in this tree Plantation campaign.



Social worker Dr. Ravindra Kolhe, journalist and Shri. Kumar Ketkar and Cine actor Shri Sayaji Shinde with President of Mula Education Society Prashant Patil Gadakh while planting trees at Morya Chinchore with the participation of National Service Scheme.



Volunteer students of the National Service Scheme in the college in the Tree plantation campaign

## Document No. 4: Tree Plantation at College Campus



ACA – R - 16	Tree Plantation at College Campus	Academic Year: 2019-20
Rev : 00		Annual/Semester: I / II
Date: 15.06.2018		

Ref: MES/ACSC/ACA/ /

Date:14/08/2019

As a part of Maharashtra Government's 33 crore tree planting scheme and as a very important issue in the context of environmental awareness, a tree planting program was organized at the Mula Education Society's, Arts, Commerce and Science College Sonai, at 11.30 am on 14/08/2019. The principal of the college, Dr. Shankar Laware, Vice-Principal and Head of Student Development Board of the College, Dr. Ashok Tuwar, Senior Professor Dr. Sitaram Raundal, Dr. Rajesh Wagh, Mr. Liyakat Sayyad were present at this movement. The tree planting program was organized by National Service Scheme and Student Development Board NSS Program Officer Dr. Vitthalrao Darandale, Mr. Tukaram Jadhav, Mr. Sharad Auti took initiatives for this program.



Tree Plantation in College Campus by NSS Volunteers and Program Officers

## Document No. 5: Gender Audit Workshop for Teacher



Mula Education Society's  
Arts, Commerce & Science College, Sonai.  
Department of Hindi

ACA – R - 16	<b>Report of Gender Audit Workshop for Teacher</b>	Academic Year: 2019-20
Rev : 00		Annual/Semester: I / II
Date: 15.06.2019		

Ref: MES/ACSC/ACA/ /

Date: 16 Jan. 2020

Workshop on '**Gender Audit**' was organized in the seminar hall for faculty and supporting staff on 15 Jan 2020. Principle Dr. Shankar Laware was presiding over the function. Academic In-charge Dr. Dnyandev Zine and Dr. Shweta Choudhare guided the participants.

Dr. Zine highlighted that gender audit has become the prime concern at international level and added that criterion VII puts focus on gender audit as its one of the key aspects.

Coordinator of committee against sexual harassment Dr. Choudhare illustrated the concept of gender audit through power point presentation. she explained how it is important to evaluate the treatment given to women at work places pertaining to organization, policies, programmes, projects, service provision, budget etc. she further stressed the workings of internal and external working of audit, the strategies of audit, the steps to conduct audit and aspects related to NAAC assessment.


The questionnaires of audit designed under the guidance of Prin. Dr. Shankar Laware, Dr. Ashok Tuwar and Dr. Sandip Khedkar was placed before the participants.

The president of the program Dr. Laware said that the gender audit is not only related to the college but also for social rest. He discussed all the questions along with the equality among men and women and highlighted the social rest as an outcome of gender audit.

Total 50 teacher and 17 staff participated in the workshop.



Participated Teachers and Speech by Dr. Shweta Choudhare

  
**PRINCIPAL**  
Mula Education Society's  
Arts, Commerce & Science College,  
Sonai, Tal. Newasa, Dist. A'Nagar-414105

## Document No. 6: Gender Audit Workshop for Student



Mula Education Society's  
Arts, Commerce & Science College, Sonai.

CASH

ACA – R - 16	<b>Report of Gender Audit Workshop for Student</b>	Academic Year: 2019-20
Rev : 00		Annual/Semester: I / II
Date: 15.06.2018		

Ref: MES/ACSC/ACA/ /

Date: 23 Jan. 2020

'Gender Audit' Workshop for student was organized on 20<sup>th</sup> and 22<sup>nd</sup> Jan 2020 in the seminar hall. The questionnaire on gender audit was filled in by the student. Principle Dr. Shankar Laware was presiding over the function. Academic In-charge Dr. Dnyandev Zine, Administration officer Dr. Sandip Khedkar, coordinator Dr. Shweta Choudhare and other faculty were present.

The workshop was held for two days into four sessions where students of all streams were guided. On 20<sup>th</sup> Jan second and third year students of B.A., B.Com, B.B.A, B.B.A.(C.A.) were guided. Dr. Zine stressed the view that gender development index is important in the process of considering the role of women and other gender in the decision making, like the human development index. At present Norway is ranked top and India is ranked at 129. He also explained the reasons of the same. Dr. Khedkar expressed that audit should be made of all the places where men and women work together. He also pointed out that gender audit has acquired importance in the assessment of NAAC. Dr. Choudhare analyzed term 'Gender' with example which show social discrimination, inequality in gender discrimination. He addressed the students about the facilities available in the college and how they would be helpful in examining gender equality in the college and premises.

Dr. Laware enlightened the students by explaining the questionnaire along with its social relevance. HE also demoted facilities and schemes available in the college and stress the point that the audit exercise shall imbibe moral values among the stake holders.

On 20<sup>th</sup> Jan 2020 total 192 students participated in the workshop and on 22<sup>nd</sup> Jan 2020 total 288 students participates.



**Participated Students**



**Speech by Dr. Shweta Choudhare**



**Speech by Prof. Dr. SandipKhedkar**



**Speech by Principal Dr. Shankar Laware**



**Speech by Principal Dr. Shankar Laware**



## Document No. 7: Green Oath

### Green Oath (*Harit Shapath*)

**Date: 09/01/2021**

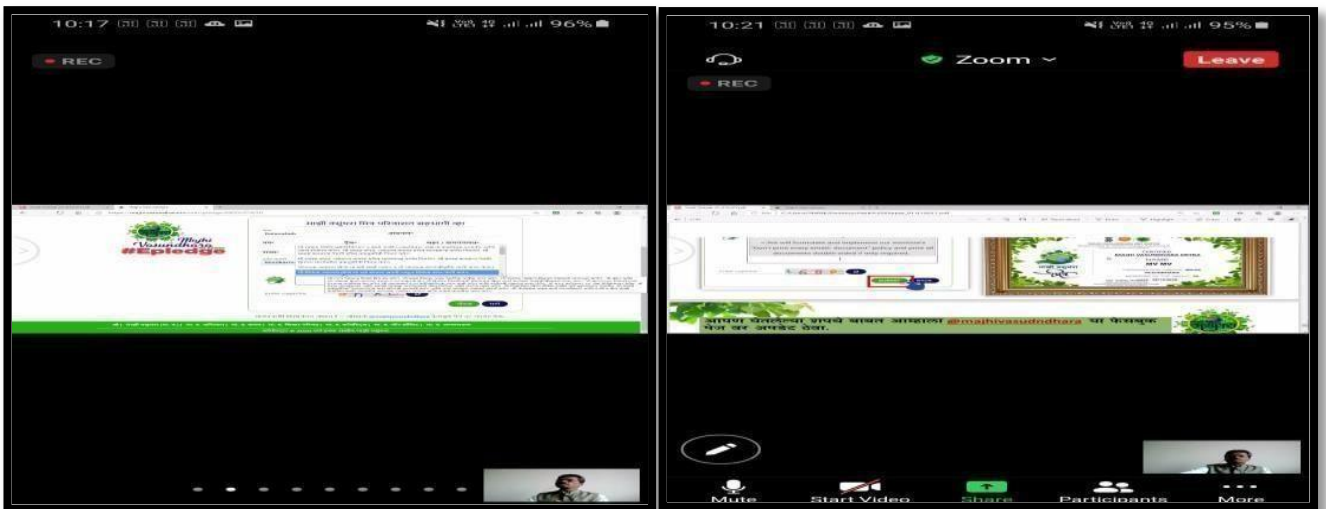
**Venue: A.C.S. College Sonai (Online Mode)**

Environment and Climate Change Department of Government of Maharashtra and Savitribai Phule Pune University, National Service Scheme. An event was held on 09/01/2021 at the Arts, Commerce, and Science, College Sonai to take online 'Green Oath' under *My Vasundhara Abhiyan*. The Vice-Principal of the college, Dr. Dnyandeo Zine presided over the function, Prof. Balasaheb Khedkar introduced the programme and guided the students with a demonstration on taking the green oath.

The program was anchored by the Prof. Tukaram Jadhav. For this program Administration Officer of Mula Education Society Dr. Ashok Tuwar, Head of Examination Department Dr. Jagdish Sonawane, Dr. Machhindra Varpe, Dr. Harishchandra Sadekar, Dr. Sambhaji Darade, Dr. Haribhau Kardile, Mr. Shaukat Fakir, Mr. Yogesh Salve, Mr. Liaquat Sayyad, Prof. Shahnaz Deshmukh, and total 25 students were present. A vote of thanks was given by Mr. Sharad Auti..



Mr.Tukaram Jadhav



Demonstration on Green Oath By Mr. B.G. Khedkar

Date:09/01/202

**Students and Teacher Participants.**





**NSSP.O.Mr.B.G.Khedkar .**



**Vice-Principal Dr. Dnyandeo Zinewas present**

## Document No. 8: Chhatrapati Shivaji Maharaj Jayanti Program Report

### Chhatrapati Shivaji Maharaj Jayanti Program Report

**Date:19/02/2021**

**Venue:A.C.S.College Sonai**

The birth anniversary of Chhatrapati Shivaji Maharaj was organized on 19th February, 2021 at 10.00 am at Arts, Commerce and Science College, Sonai. Young Leader Hon. Udayandada Gadakh was the chief guest for this program. On this occasion, the statue of Chhatrapati Shivaji Maharaj was worshiped and saluted by him. Hon'ble Udayandada Gadakh guided the students. The event was celebrated with enthusiasm following the rules of social distance in the background of Corona, masks were distributed to the students attending the event, and trees were planted in the hands of the chief guests in the college campus on the occasion of the event. Sarpanch of Sonai village Dhananjay Wagh, principal of the college Dr. Shankar Laware, Vice-Principal Dr. Dnyandev Zine, National Service Scheme Chief Program Officer Mr. Balasaheb Khedkar, Mr.Sharad Auti, Mr. Tukaram Jadhav and 113 volunteers of Rashtriya Seva Yojana were present.



**Mask Distribution For Students Date:19/02/2021**



**Tree Plantation Programm Hon. Udayandada Gadakh Patil Date:19/02/20**



## **Document No. 9: Gender Equality: Need of the Hour and Challenges**

### **Gender Equality: Need of the Hour and Challenges**

In the academic year 2020-21 a lecture was organized by the **Committee against Sexual Harassment** on the topic “**Gender Equality: Need of the Hour and Challenges**”. Dr. Jagdish Sonawane delivered the keynote address. Dr. Shweta Choudhare introduced the program. On this occasion Dr. Nivruti Misal, chairman of student council, Dr. Shanker Laware, Principal of the college graced the program by their presence.

Prof. Dr .Sonawane explained the purpose of the lecture, insisted that education should not be seen as a water tight compartment but as an excellent tool for holistic development of responsible citizens. According to him, every student as well as teacher in the field of teaching needs to have knowledge of the concept of gender. As an educated person, students should realize the day to day happenings along with social and philosophical changes, the modern world etc. In order to achieve the objectives set forth by the Indian constitution for the up liftment of the nation, every university, education institution adopt a curriculum design in a spirit of duty in which the main objective and priority of education is to develop responsible citizen.

In this connection, it is the primary duty of every college or even an educational institution to organize lecture on the topic like gender equality and to enlighten the minds of the student.

Dr. Sonawane explained the necessity of gender equality in present time with the ample examples while exploring about gender equality accept that gender in equality is required in the society. In establishing such gender equality it is also important to know what a challenges. Being the pillars of future generation, the youth need to remain aware of these issues. While explaining what gender is, he explained the concept of gender and gender equality. He also explained the uneven treatment given to women and there by the gap of status between.

He referred Simon the Buwa and questioned how we can call our self-modern. While explaining Indian patriarchy and other countries, Indian patriarchy is Brahman patriarchy which deprived, Indian woman from education in the past. He explained to the students how

gender discrimination exists in our society even today. He also pointed out the difference, the parents show at the time of girl birth. He explained how on the other hand at the time of Gautam Buddha men-women equality was in existent. Women were offered high social status and were allowed in the SANGH of Buddha. In Manusmriti women were charged and were imposed obligations with a dishonest glorification of them.

In his lecture Dr. Sonawane elaborated on how the existing social structure creates an attitude. A woman is targeted as a means for keeping caste system intact.

The Principle of the college Dr. Laware hopes that student will be able to critically think education. Feminism, gender equality are not one sided issues. Dr. Shweta Choudhare said that gender concept reflects the heterogeneous attitude of the society and commented on how other woman unknowingly participated in the process of making typical Indian women.

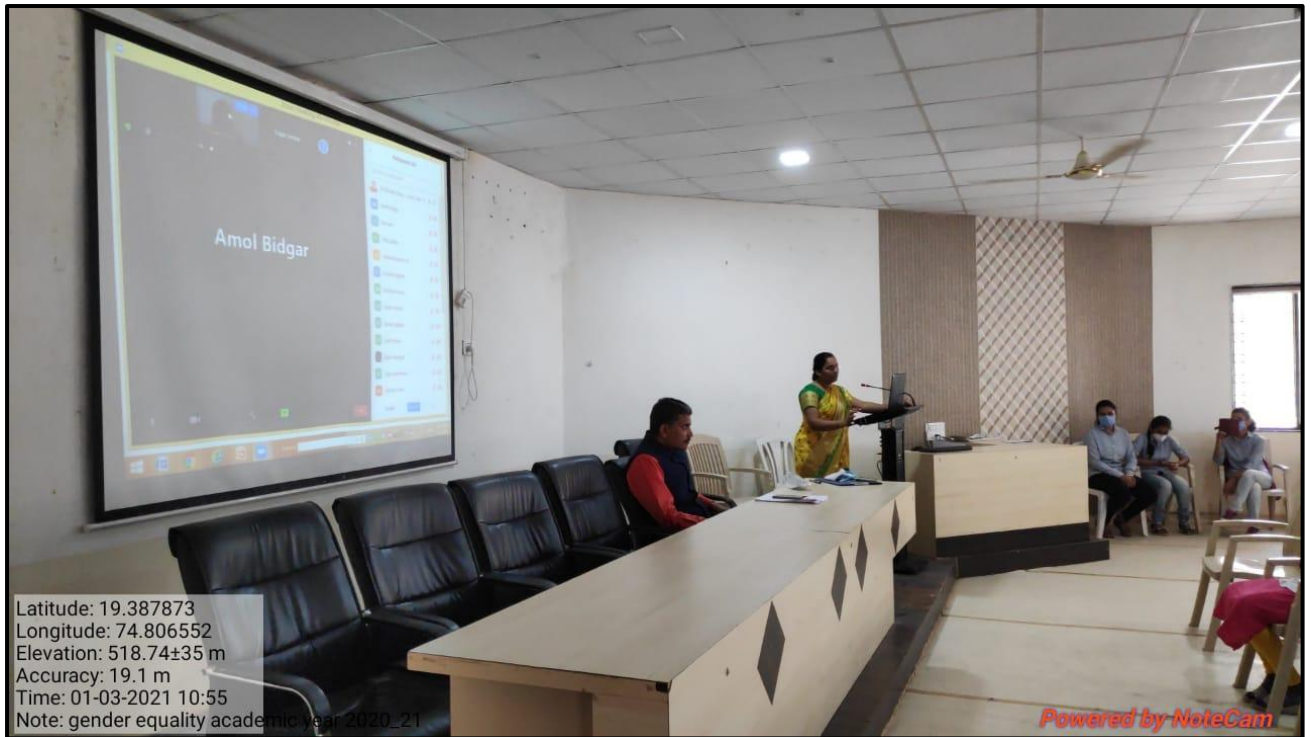
Hindi department's Prof. Smt. Deshmukh helped in appealing the students to follow corona rules using mask and sanitization and maintaining safe distance, assisting the event online an in person student attendance.

#### Outcome:

1. Student understood gender equality: needs of the hour and the challenge.
2. Gender equality at the social level was noticed.
3. Student duty for the gender equality in a society was realized.

**Table B**

Sr. No.	Date	Time / Duration	Name of Activity	Name of Coordinator	Speakers / Experts				No. of Participants			
					Name	Designation	Contact No	Institute	Teacher		Students	
									M.	F.	M.	F.
1	1Mar ch 2021	10.40 to 1.15	workshop on Gender Equality	Dr. ShwetaCho udhare	Dr. JagdishSona wane	IQAC coordinator, Assistant Professor in History	9423210260	ACS College, Sonai	Offline			
									01	01	32	36
									Online = 33			



Coordinator of Committee against Sexual Harassment Dr. S.B. Choudhare while introducing the program



Dr. J.C. Sonawane Addressing Student on Topic: Gender Equality: Need of the Hour and Challenges





Latitude: 19.387835  
Longitude: 74.806621  
Elevation: 517.08±38 m  
Accuracy: 18.2 m  
Time: 01-03-2021 11:16  
Note: gender equality academic year 2020\_21

Dr. J.C. Sonawane Addressing Student



Latitude: 19.38786  
Longitude: 74.806631  
Elevation: 516.75±38 m  
Accuracy: 22.7 m  
Time: 01-03-2021 11:15  
Note: gender equality academic year 2020\_21

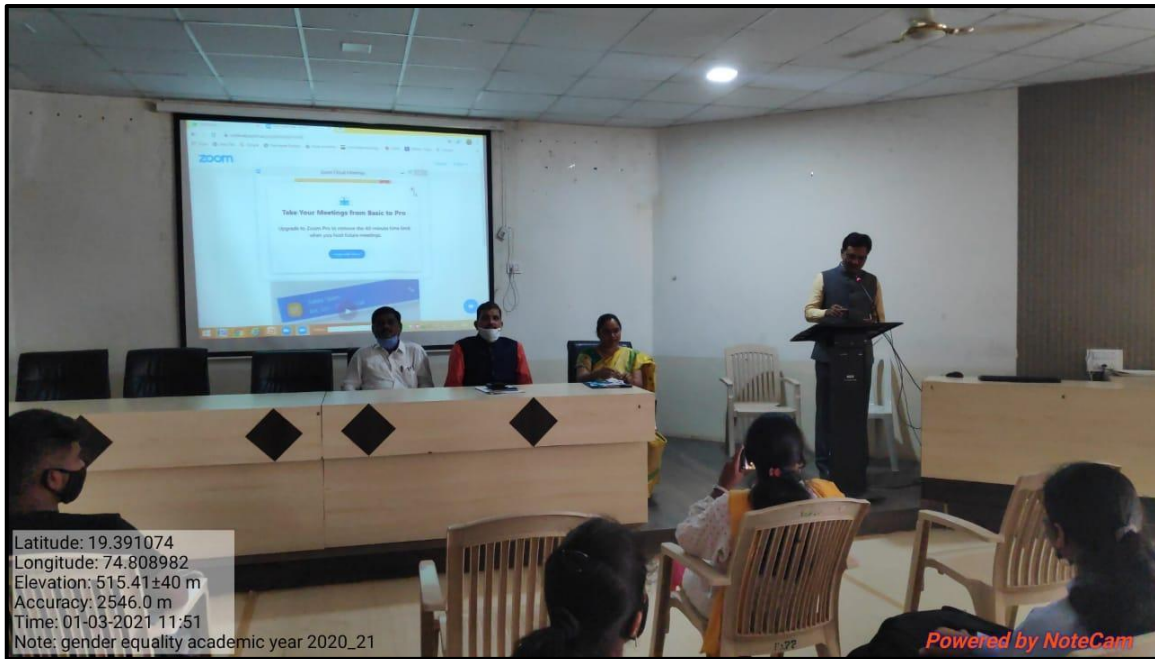
Dr. J.C. Sonawane Addressing Student



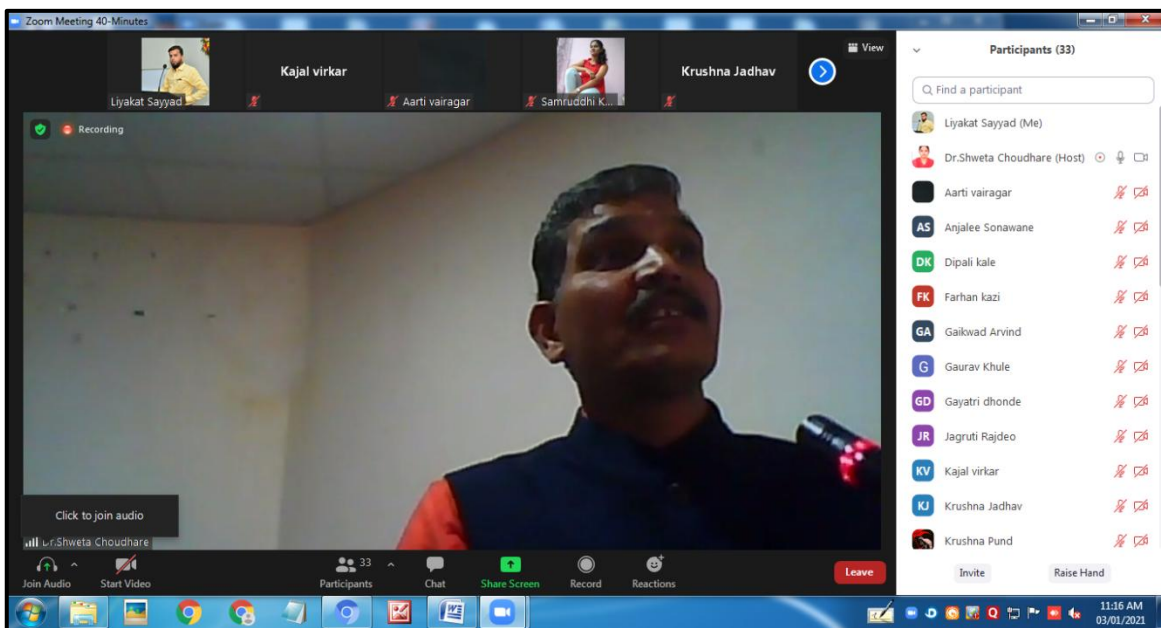
Dr. J.C. Sonawane Addressing Student



Dr. J.C. Sonawane Addressing Student



The Principle of the college Dr.LawareAddressing Student



Zoom Lecture Screenshot while addressing Dr. J. C. Sonawane to student

## Document No. 10: Pioneer of Gender Equality



Mula Education Society's  
**Arts, Commerce & Science College, Sonai.**  
Department of CASH

ACA – R - 16	<b>Event Report</b>	Academic Year: 2020-21
Rev : 00		Annual/Semester: I / II
Date: 15.06.2019		

Ref: MES/ACSC/ACA/ /

Date: 11/03/2021

### **Savitribai Phule: Pioneer of Gender Equality**

Arts, Commerce and Science College, Sonai organized a lecture on “**Savitribai Phule: Pioneer of Gender Equality**” on the occasion of Krantijyoti Savitribai Phule Memorial Day in collaboration with IQAC, Department of History, Committee against sexual harassment and *Pragatihasic Itihas Sanstha*, Aurangabad. As a chief guest for this event professor Dr. Dinkar Murkute, Mahatma Phule College, Pimpri, Dr. Luhu Gaikwad, Narayangeon College, Pune, and Smt. Varsha Bade, Secretary, Satyashodhak Mahila Aghadi, Pune were present. On this occasion the Joint Secretary of the Mula Education Society Dr. Vinayak Deshmukh, Principle of the college Dr. Lawre, Vice Principal Dr. Zine were present.

While delivering the keynote address, Dr. Lahu Gaikwad explained how to achieve our aim. According to him, instead of urging others if, we change our self, than there is no need for celebrating Woman’s Day. History inspires a change of the mindset this motivation leads to thoughtful action that is why thoughts of served by fully is inspiring for us Swami Vivekananda went beyond the concept of men-women and they introduce them as a relationship on the basis of emotion. On the other hand Savitribai Phule introduces his relationship in terms of equality. Savitribai’s thoughts and vision were clear about who to work for and what purpose that clarity is needed today. Dr. Gaikwad said when we shall understand the difference between freedom and uncontrolled freedom, than we shall no more used the concepts of men-women freedom. Savitribai flourished Mahatma Phule’s ideological world. However, when talking about woman emancipation or gender equality we should remember Savitribai’s thoughts as well as Mukta Salve, Tarabai Shinde and Fatima Sheikh thoughts and also think where they have gone. The first British education did not mention girls’ education. About girl’s education, medieval feudal thoughts slept the society by Savitribai and encouraged girls to take education. By reading Savitribai’s Literature we know she was the best Sanskrit scholar, translator. According to Dr. Gaikwad she’s a poet who is representing modern age. In his speech Dr. Gaikwad reviewed modern farming through Satya Shodhank Samaj and views of Savitribai an astrology.



**Mula Education Society's  
Arts, Commerce & Science College, Sonai.  
Department of CASH**

Dr. Dinkar Murkute reviewed MukundRao Patil and his work for gender equality. He analyzed Mukundrao Patil & his Satya Shodhak thoughts. Mukundrao Patil wrote many articles in 'Dinmitra' and 'Dinbandhu' newspaper. He had an ideological confrontation with the orthodox people. He used his writing for the Bahujan samaj and women's upliftment. Due to his actions like 'Kulkarnililamrut' British government took back kulkarni's inheritance and appointed officer instead Mukundrao Patil who was a pioneer in the Non-Brahahmin movement, was emotional but decided no compromise with the rules. He classified his views on World War II, while on the other hand insisted on providing modern machinery and loans for upliftment of poor. He insisted on availing loans to farmers. He wrote a book 'Chankdraloki chi Vilaskshan Rudhi' for problems of women.

Smt. Varsha Bade while interacting with the student's highlighted the gender in equality that is inadvertaulty inculcated in films and daily series. She said that the dowry creates tension in the minds of parents and was fatal to the society. He explained the belief that effective implementation of inheritance rights and share in wealth would help women to stand on their own feet. Gender in the society is intentional and the patriarchal mentality refuses to accept equality.

Dr. Shweta Choudhare president of the Committee against Sexual Harassment introduced the program, Dr. Sambhai Darade, HoD Dept of History and Dr. Jagdish Sonawane, IQAC Coordinator and Secretary *Pragetihasic Itihas Sanstha*, Aurangabad welcomes the guests. Miss. Ravina Shedge anchored the program.

**Table B**

S R. N o.	Date	Time / Durat ion	Name of Activity	Name of Coordina tor	Speakers / Experts				No. of Participants			
					Name	Designation	Contact No	Institute	Teacher		Students	
									M.	F.	M.	F.
1	10/03/ 2021	9.00AM To 1.00 PM	Savitibai Phule : Pioneer of Gender Equality	Dr. Shweta Choudhare	Dr. Dinkar Murkute	Assistant Professor		Mahatma Phule College, Pimpri, Pune	08	11	58	27
					Dr. Luhu Gaikwad ,	Assistant Professor	9860971349 9284982487.	Narayangeon College, Pune				
					Smt. Varsha Bade,	Secretary		Satyashodhak Mahila Aghadi, Pune				

**PRINCIPAL**  
**Mula Education Society's**  
**Arts, Commerce & Science College,**  
Sonai, Tal. Newasa, Dist. A' Nagar-414105



**Speech of Dr. Shweta Choudhare**



**Speech of Dr. Dinkar Murkute**



**Speech by Dr. Jagdish Sonawane**



**Participated students**



सोनई : सावित्रीबाई फुले यांच्या प्रतिमेचे पूजन करताना डॉ. लहू गायकवाड. समवेत डॉ. विनायक देशमुख, डॉ. ज्ञानदेव झिने, प्रा. डॉ. जगदीश सोनवणे, डॉ. संभाजी दराडे आदी. (छायाचित्र : सुनील गर्जे)

## सावित्रीबाई सत्यशोधकी विचाराच्या : गायकवाड

नेवासे, ता. १७ : 'सावित्रीबाई फुले यांच्याकडे केवळ महात्मा फुले यांच्या पत्नी या एकाच दृष्टीने न पाहता, कवयित्री, संस्कृत पंडित, समाजसुधारक म्हणून त्यांच्याकडे पाहिले पाहिजे,' असे प्रतिपादन इतिहास अभ्यासक प्रा. डॉ. लहू गायकवाड यांनी केले.

सोनई येथील कला, वाणिज्य व विज्ञान महाविद्यालयात सावित्रीबाई फुले यांच्या स्मृतिदिनाचे औचित्य साधून 'क्रांतिज्योती सावित्रीबाई फुले : लिंगभाव समतेच्या प्रणेत्या' या

विषयावर एकदिवसीय चर्चासत्राचे आयोजन करण्यात आले होते. त्याच्या उद्घाटनप्रसंगी डॉ. गायकवाड बोलत होते. प्रा. डॉ. दिनकर मुरकुटे, सत्यशोधक महिला आघाडीच्या राज्य सचिव वर्षा बडे, मुळा एज्युकेशन सोसायटीचे सहसचिव डॉ. विनायक देशमुख, उपप्राचार्य डॉ. ज्ञानदेव झिने, नॅक समन्वयक व प्रागतिक इतिहास संस्थेचे सचिव प्रा. डॉ. जगदीश सोनवणे, इतिहास विभागप्रमुख डॉ. संभाजी दराडे उपस्थित होते.

News Paper Cutting

PRINCIPAL

Mula Education Society's  
Arts, Commerce & Science College,  
Sonai, Tal. Newasa, Dist. A'Nagar-414105



## **Document No. 11: World Environment Day**

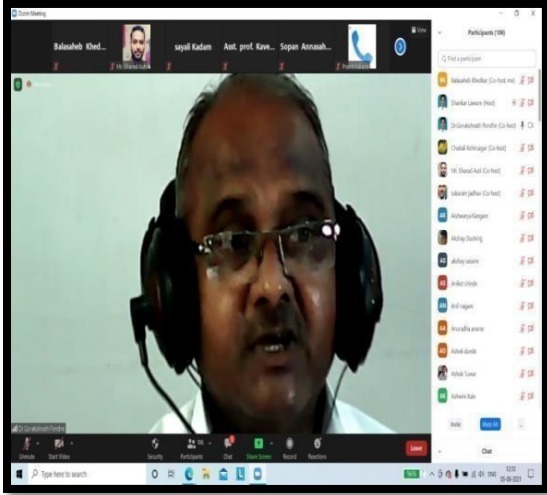
### **World Environment Day**

Every year 'World Environment Day' is observed on, 5th June. As per the instructions of Ministry of Education, Government of India and University Grants Commission, June 5, 2021 was observed online as 'World Environment Day' at Mula Education Society's Arts, commerce and Science College Sonai. The programme was started at 12.00 noon. Various activities were organized by the college on the occasion of this day. In this, environmental awareness quiz, native tree plantation competition, webinar on "Environmental Protection: Need of The Hour" as well as elocution competition were organized.

For this programme, Dr. Gorakshanath Pondhe, Head, Department of Environmental Sciences, Padma Shri Vikhe Patil College of Arts, Commerce and Science, Pravaranagar was the Resource Person. He guided about the need of ecosystem restoration. In it, he also guided about the causes, consequences and remedies of environmental degradation. He also discussed about the real situation of global warming, global climate change and its possible impact on the ecosystem.

The program was chaired by Principal Dr. Shankar Laware. On this occasion, In his presidential speech, he appealed to the audience to make sustainable development by combining progress and nature. The Vice-Principal of the college, Dr. Dnyandev Zine, Dr. B.J. Apparao, office bearers of Mula Education Society, teachers and non-teaching staff of the college, as well as students registered their attendance. Total 130 participants were present for this programme.

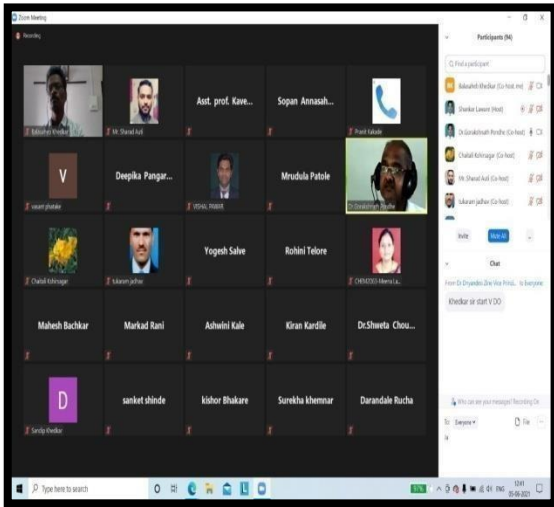
On this occasion, alumni, Miss. Chaitali Kshirsagar informed the students about the Maharashtra Youth for Environmental Sustainability Awareness (MAYESA) and appealed them to participate in it. The program was compered by Prof. Tukaram Jadhav. The programme was introduced by Prof. Balasaheb Khedkar, Chief Program Officer of National Service Scheme. NSS Volunteers and faculty members attended the programme. Prof. Sharad Auti expressed vote of thanks.



Chief Guest Dr. Gorakshnath Pondhe Guided the Participants



Deshi Vruksh Lagwad Spardha



Participants Screenshot



Presidential Speech By Principal Dr .S .L. Laware.



Program Flyer

## Document No. 12: Tree Plantation at More Chinchore

# Tree Plantation at More Chinchore

Date 21/08/2021

Venue: More- Chinchore

Arts, Commerce and Science, Sonai and Yashwant Samajik Pratishthan Sonai jointly celebrated the birthday of trees at the adopted village Morya Chinchore on Saturday 21/08/2021. On this occasion, 75 volunteers of National Service Scheme and Rashtriya Chhatra Sena (Maharashtra Battalion 17) of the college, planted 216 trees of different species along with trees like Wad, Pimpal, Chinch, Jambul, Khair, Palas etc., a very rare species of Arjun tree (Dnyan vriksha) was planted. The chief guest at the event was Dr. K.S. Sachin Punekar and Hon. Udayandada Gadakh was presided the function. Dr. Sachin Punekar informed the audience about the need for tree conservation as well as its care and importance in a pure manner. Through this, *Tan Nirmul Mohim* will be implemented in collaboration with Rashtriya Seva Yojana and Rashtriya Chhatra Sena. Dr. Shailendra Patel expressed his thoughts. In the presidential address, Shri. Udayandada Gadakh appealed to all of us to celebrate our birthday by planting trees. He also testified that Yashwant Samajik Pratishthan would be responsible for the availability of trees, water supply and maintenance of trees. The event was attended by about 200 villagers, 150 students and 12 teachers

Photographs



Felicitation of Sachin Puneekar by Udayan Dada Gadakh Ajan(Dnyan)



Tree Plantation by NSS Volunteers Date 21/08/2021

  
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Sonai, Tal. Newasa, Dist. A'Nagar-414105