



Savitribai Phule Shikshan Prasarak Mandal's
LOKNETE GOPINATHJI MUNDE ARTS, COMMERCE AND SCIENCE COLLEGE

MANDANGAD, DIST. RATNAGIRI- 415 203. (M.S.)

(Affiliated to University of Mumbai)

* NAAC RE-ACCREDITED GRADE "B+" * ISO 9001:2008 Certified
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University of Mumbai "BEST COLLEGE AWARD" (2019-20)

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1.3.1: Institution Integrates of Crosscutting Issue (CCI) relevant of Professional Ethics, Gender, Human Values, Environmental Sustainability into the curriculum.

Sr.No.	Department	Name of Course	Name of Programme	Type of Cross Cutting Issue (CCI) (Professional Ethics, Gender, Human Values, Environmental Sustainability)	Brief Description of Cross Cutting Issue (CCI)
1	Geography	Environmental Geography	B. A.	Environmental & Sustainability	With this curriculum Lerner are sensitized and aware about, Hotspot of the biodiversity, Threats and conservation of Biodiversity. Issues, impacts and measures of pollution, The Issues of Global Warming, Ozone depletion, Acid Rain, Conservation of Recourses, ecosystem. Environmental Movements. Student are understanding and the need of sustainable development, sustainable Agriculture, Energy Crisis, Eco-Friendly Life style.



PRINCIPAL
Loknete Gopinathji Munde A.C.S.College
Mandangad, Dist. Ratnagiri, 415203.

2	Geography	Population Geography	B. A.	Gender	This curriculum focused on Age Sex Structure, Gender Issues, Declining sex ratio, its causes and consequences. Students are aware and understand about regional disparity in age-sex ratio and its consequences
3	Geography	Introduction to Climatology	B. A.	Environmental & Sustainability	An objective of the curriculum creates awareness among the student's related environmental issues. Students are aware about the causes, effects of Global Warming and Climate Change.
4	Geography	Introduction to Oceanography	B. A.	Environmental & Sustainability	Objective of the curriculum to create awareness among the students related to environmental issues of the Marine Ecosystem, Causes and consequences of Marine Pollution, an impact of Global Climate Change and its measures.
5	Geography	Geography of Environment	B. A.	Environmental Sustainability	This Curriculum focused on aware & sensitized to the Lerner about Ecosystem, Bio-chemical cycles, Biodiversity, causes and effects of environmental pollution, global warming, Ozone depletion acid-rain, Major Environmental Movements, Causes of depletion and measures of natural recourses.
6	Geography, Environmental Study and F.C.	Environmental Studies	B. Com	Environmental & Sustainability	With this curriculum Lerner are sensitized and aware about, Environment and Ecosystems. Use of natural Resources and its impact on sustainable development of the environment. Lerner Also understood the management of water, forest and energy resources utilization and its impact on environment.
7	Geography, Environmental Study and F.C.	Foundation Course I	B. Com	Gender	With this curriculum Lerner are sensitized and aware about, Concept of Disparity Explore the disparities arising out of gender with special reference to violence against women, female feticide and portrayal of women in media
8	Geography, Environmental Study and F.C.	Foundation Course I	B A	Gender	With this curriculum Lerner are sensitized and aware about, Concept of Disparity Explore the disparities arising out of gender with special reference to violence against women, female feticide and portrayal of women in media



PRINCIPAL

Loknete Gopinathji Munde A.C.S. College
Mandangad, Dist. Ratnagiri-415203.

9	History	History of Modern India	B. A.	Gender	With this curriculum learners are sensitized and aware about these human values. An attempt has been made to create awareness among the students about Nationalism, importance of Non-Violence, Gender Equality and Principles of Equality. An attempt is being made through the syllabus to inculcate the above human values & create future healthy citizens.
10	History	Landmarks in World History, 1300 A.D.-1945 A.D.	B. A.	Human Values	With this curriculum learners are sensitized and aware about these human values. An attempt has been made to create awareness among the students about Peaceful co-existence, Non-Violence, Peace. An attempt is being made through the syllabus to inculcate the above human values & create future healthy citizens.
11	History	Ancient India from Earliest Times to 1000 A.D.	B. A.	Human Values	With this curriculum learners are sensitized and aware about these human values. An attempt has been made to create awareness among the students about Peaceful co-existence, Love & Compassion, Non-Violence, Truth, Inclusiveness, Respect fullness. An attempt is being made through the syllabus to inculcate the above human values & create future healthy citizens.
12	History	History of Sultanat Period (1000 A.D.-1526 A.D.)	B. A.	Human Values	An attempt has been made to create awareness among the students about Peaceful co-existence, religious tolerance, Love & Compassion, Peaceful co-existence, Harmony, Non-Violence and Peace. An attempt is being made through the syllabus to inculcate the above human values & create future healthy citizens.
13	History	History of the Mughal Rule (1526 A.D.-1707)	B. A.	Human Values	An attempt has been made to create awareness among the students about Peaceful co-existence, religious tolerance, Love & Compassion, Peaceful co-existence, Harmony, Non-Violence and Peace. An attempt is being made through the syllabus to inculcate the above human values & create future healthy citizens.




PRINCIPAL
 Loknete Gopinathji Munde A.C.S. College
 Mandangad, Dist. Ratnagiri. 415203.

14	History	History of Contemporary India (1947 CE-2000CE)	B. A.	Human Values	With this curriculum learners are sensitized and aware about these human values. An attempt has been made to create awareness among the students about Nationalism, importance of Non-Violence, Gender Equality and Principles of Equality. An attempt is being made through the syllabus to inculcate the above human values & create future healthy citizens.
15	History	History of Contemporary India (1857 A.D.-1964 A.D.)	B. A.	Gender	With this curriculum learners are sensitized and aware about these human values. An attempt has been made to create awareness among the students about Nationalism, importance of Non-Violence, Gender Equality and Principles of Equality. An attempt is being made through the syllabus to inculcate the above human values & create future healthy citizens.
16	Economics	Business Economics-III	B. Com.	Environmental & Sustainability	Green GNP & NNP. Calculation of National Income through making provision of depreciation for Environment sustainability
17	Economics	Growth & Dev	B. A.	Environmental & Sustainability	Green GDP. Calculation of National Income through making provision of depreciation for Environment sustainability
18	Economics	Growth & Development	B. A.	Gender	Gender Development Index- Calculation of Human development of Women through GDI
19	Economics	Indian Economy	B. A.	Professional Ethics	With these Course students has understood the concept of UBI. UBI means Offer a quarantines income and financial benefits to all citizens in the economy.
20	Economics	Advance Economic Theory	B. A.	Human Values	With this curriculum Lerner aware about the concept of Social Welfare with help of pareto Optimality. Students Also understood the concept of moral hazards and its impact on the Society.
21	Economics	Economics of Agriculture and Co operation	B. A.	Human Values	To inculcate a sense of equality and open-minded view about farmer's issues. Also bring out-concepts such as food security to all.
22	Economics	Entrepreneurship and small industries-Management	B. A.	Professional Ethics	Whole syllabus is related to that how businesses are running professionally?



23	Economics	Environmental Economics	B. A.	Environmental & Sustainability	Whole syllabus is related to various concepts & Issues of Environmental, measurement of environmental degradation, Concepts & policies for sustainable development.
24	Economics	Development Theory & Experience	B. A.	Gender & Environment	Gender bias regarding unequal treatment to women in birth preferences, income, education & employment. Relationship in between Environment & the process of economic Development.
25	Economics	Micro Economics	B. A.	Human Values	With this curriculum learner aware about the concept of Social Welfare with help of pareto Optimality. Students Also understood the concept of moral hazards and its impact on the Society.
26	Economics	Economics and agriculture and cooperation	B. A.	Human Values	To inculcate a sense of equality and open-minded view about farmer's issues. Also bring out concepts such as food security to all.
27	Economics	Economics and agriculture and cooperation	B. A.	Professional Ethics	With this course students understood the Concept Leadership with reference to co-operative movement.
28	Economics	Macro-Economic Aspect of India	B. Com.	Environmental & Sustainability	To inform the students objectives and goals of sustainable development and policy measures for that. Also make aware students about industrial pollution and to prevent it.
29	Economics	Advance Micro Economics	B. A.	Human Values	With this curriculum learner aware about the concept of Social Welfare with help of pareto Optimality. Students Also understood the concept of moral hazards and its impact on the Society.
30	Economics	Economic of Agricultural and cooperation	B. A.	Human Values	To inculcate a sense of equality and open-minded view about farmer's issues. Also bring out concepts such as food security to all.
31	Economics	Economics and agriculture and cooperation	B. A.	Professional Ethics	With this course students understood the Concept Leadership with reference to co-operative movement.
	Economics	Economics of Growth & Development	B. A.	Environmental & Sustainability	Green GDP. Calculation of National Income through making provision of depreciation for Environment sustainability, green technology for environment.
	Economics	Economics of Growth & Development	B. A.	Gender	Gender Development Index- Calculation of Human development of Women through GDI



1: Institution Integrates of Crosscutting Issue (CCI)

PRINCIPAL

Loknete Gopinathji Munde A.C.S. College
Mandangad, Dist. Ratnagiri. 415203.

34	Economics	Economics of Growth & Development	B. A.	Human Rights	Millennium development Goals: Overcome from poverty, hunger, illiteracy, ill health & pollution.
35	Economics	Entrepreneurship & Small-Scale Industries	B. A.	Professional Ethics	Whole syllabus is related to that how businesses are running professionally?
36	Economics	Environmental Economics	B. A.	Environmental & Sustainability	Whole syllabus is related to various concepts & Issues of Environment, Earth Summit 1992, Environment policy & implementation, measurement of degradation, Global issues & agreements of environment.
37	Economics	Environmental Economics	B. A.	Environmental & Sustainability	Whole syllabus is related to various concepts & Issues of Environmental degradation, environmental accounting, Concepts & policies for sustainable development & Environmental policies in India.
38	Economics	Economy of Maharashtra-I	B. A.	Gender	To Students aware about the reasons effects and Consequences of Declining Sex ratio, Migration, Forced labor, Food security and PDS Programmes.
39	Economics	Economy of Maharashtra II	B. A.	Human Values	With this Course students sensitize the concept such as HDI in Maharashtra, sense of empowering weaker section such as women in Maharashtra.
40	Hindi	Modern Hindi Stories & Novel	B. A.	Human Values, Professional Ethics & Gender	Directly & indirectly the issues of Human Values & Gender are reflected in the syllabus of stories (i.e. <i>Noukari Peshha, Parada, Karmnasha ki har, Kala shukruvar, Tepachu, Pratishodha</i> etc.), Rekhachitra-Sansmaran (<i>Saryu Bhaiya, Chini Feriwala</i> etc) & Novel (<i>Chitralekha</i>).
41	Hindi	Hindi Poetry & Prose literature	B. A.	Human Values, Professional Ethics & Gender	Directly & indirectly the issues of Human Values & Gender are reflected in the syllabus of stories (ie <i>kapade, Dararen</i> , etc.), Novel (<i>Baraha Ghante</i>), Medieval Poetry (<i>Kabir, Surdas</i> etc.), Modern Poetry (<i>Mare Jayange, Yashodhara (Khandakavya)</i> etc).
42	Hindi	Post-Independence Hindi Literature	B. A.	Human Values, Professional Ethics & Gender	Directly & indirectly the issues of Human Values & Gender are reflected in the syllabus of Rekhachitra & Sansmaran (ie <i>Bhaktin, Rajiyetc.</i>) & Kavya-Natak (<i>Khand-Khand Agni</i>). Modern Poetry (<i>Aakasha Sara, Sitaron Ne Loota</i> etc.) & Essay (<i>Devdaru</i> etc)



43	Hindi	Information Technology in Hindi & social media	B. A.	Professional Ethics and Human Values.	Directly & indirectly the issues of Professional Ethics and Human Values are reflected in the syllabus of <i>Sanchar Madhyam</i> (Print and Electric Media), Social Media (Impact on Children, Youth, Women's and Social, Political, Economical...
44	Hindi	Jansanchar Madhyam	B. A.	Professional Ethics	<i>Jansanchar Madhyam</i> (Print and Electric Media, Sanvidhan. Right of Information etc)
45	Hindi	Hindi Poetry & Prose literature	B. A.	Human Values, Professional Ethics & Gender	Directly & indirectly the issues of Human Values & Gender are reflected in the syllabus of Drama (ie <i>Katha Ek Kansa Ki</i>), Novel (<i>Jangal Tantram</i>), Medieval Poetry (<i>Kabir, Surdas</i> etc.), Modern Poetry (<i>Ghar Rahenge, Parashuram Ki Pratiksha (Khandakavya)</i> etc).
46	Hindi	Modern Hindi Stories & Novel	B. A.	Human Values, Professional Ethics, Environmental Sustainability & Gender	Directly & indirectly the issues of Human Values & Gender are reflected in the syllabus of stories (ie <i>Usane Kaha Tha, Pariksha</i> etc.), Rekchitra-Sansmaran (Tu To Muzase Bhi Abhaga Hai, Sondraya Ki Nadi Narmada etc) & Novel (<i>Jangal Ke Juganu</i>).
47	Marathi	Marathi -I (Semester I) 'नाटक' या साहित्यप्रकाराचा अभ्यास	B. A.	Human Values	Direct & Indirectly the issues of Human Values are included in the syllabus of Dramas
48	Marathi	Marathi -I (Semester II) 'कविता' या साहित्यप्रकाराचा अभ्यास	B. A.	Human Values	Direct & Indirectly the issues of Human Values are included in the syllabus of Poetries
49	Marathi	Marathi -II (Semester III) 'कादंबरी' या साहित्यप्रकाराचा अभ्यास	B. A.	Human Values	Direct & Indirectly the issues of Gender & Human Values are included in the syllabus of Novels
50	Marathi	आत्मकथन' या साहित्यप्रकाराचा अभ्यास	B. A.	Gender & Human Values	Direct & Indirectly the issues of Gender & Human Values are included in the syllabus of Autobiography
51	Marathi	भाषा आणि भाषाभ्यास	B. A.	Human Values	Direct & Indirectly the issues of Gender & Human Values are included in the syllabus of Linguistics, Sociolinguistics.
	Marathi	मालवणी बोलीचा अभ्यास	B. A.	Gender & Human Values	Direct & Indirectly the issues of Gender & Human Values are included in the syllabus of Malvani Dialect Studys, Malvani Dialect Drama & Poetries



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PRINCIPAL
Loknete Gopinathji Munde A.C.S. College
Mandargad, Dist. Ratnagiri. 415203.

53	Marathi	मध्ययुगीन मराठी वाङ्मयाचा इतिहास	B. A	Human Values	Direct & Indirectly the issues of Gender & Human Values are included in the syllabus of History of Medieval Marathi Literatures
54	Marathi	नाटक' या साहित्यप्रकाराचा अभ्यास	B. A.	Gender & Human Values	Direct & Indirectly the issues of Human Values are included in the syllabus of Dramas
55	Marathi	प्रवासवर्णन' या साहित्यप्रकाराचा अभ्यास	B. A.	Gender, Human Values Environmental Sustainability	Direct & Indirectly the issues of Human Values are included in the syllabus of Travelogues
56	Marathi	कथन साहित्य	B. A.	Gender & Human Values	Direct & Indirectly the issues of Gender & Human Values are included in the syllabus of Storys & Novel.
57	Marathi	नाट्य साहित्य	B. A.	Gender & Human Values	Direct & Indirectly the issues of Gender & Human Values are included in the syllabus of Drama & One Act Plays
58	Marathi	Marathi - Compulsory	B. A.	Human Values/Gender	To emroot human values in mankind
59	Marathi	Literature & Society	B. A.	Human Values/Gender	To inculcate human values in society
60	Marathi	Modern Marathi literature	B. A.	Human values	To emroot human values in mankind
61	Marathi	Occupational Marathi	B. A.	Professional Ethics	Can work effectively in print and audio-visual media by developing writing and translation skills.
62	Commerce	Advertising - I	B. Com.	Professional Ethics	With this curriculum learner are sensitized and aware about, social aspects and Ethics about the advertising and influence of advertising on Indian values and culture.
63	Commerce	Advertising - I	B. Com.	Environmental Sustainability	Learner acquired the knowledge about the ecological impact of marketing and concept of green marketing.
64	Commerce	Marketing	B. Com.	Professional Ethics	With this curriculum learner are sensitized and aware about, Unethical practices in Marketing and general role of consumer organizations in the performing ethical practices of Marketing.




PRINCIPAL
 Loknete Gopinathji Munde A.C.S. College
 Mandangad, Dist. Ratnagiri, 415203.

65	Commerce	Human Resources Management	B. Com.	Human Values	With this curriculum learner are sensitized and aware about, Mentoring and Counseling of Human Resource for Career planning. The role of employer in the value creation of Human resource. Lerner also understood the concept of employee's morale, measurement of employee's morale quotient and Spiritual Quotient.
66	Commerce	Human Resources Management	B. Com.	Gender	With this curriculum learner are sensitized and aware about, the challenges before the Women work force and also the problem of sexual harassment at work place.
67	Accountancy	Financial Accounting and Auditing VII	B. Com.	Professional Ethics	With this curriculum learner are sensitized and aware about, Professional Ethics for Accountants and role of accountants in the enterprise. Also understood What does the accounting profession mean by the ethical behavior? Implications of ethical values for accounting standards. The IFAC Code of Ethics for Professional Accountants. Implications of unethical behavior for financial reports.
68	Chemistry	Chemistry Paper No..II	B. Sc.	Environmental & Sustainability	Oxides of carbon, oxides and oxyacids of sulphur and nitrogen with respect to environmental aspects. With this curriculum learner are sensitized and aware about, Greenhouse Effect, Global Warming and their control measures.
69	Physics	Physics Practical II	B. Sc.	Environmental & Sustainability	LDR characteristics: - With this topic learner are sensitized and aware about, conservation of electrical energy by sensing the intensity of light and automatic on/off street lights
70	Physics	Applied Physics	B. Sc.	Environmental & Sustainability	Superconductor, Thin films, Nanomaterials and Semiconductors: With this topic learners are aware about the energy storage material for energy conservation. Semiconductors are used for the formation of solar panel. LED: Energy saving material Dielectric materials: Used as the electrical energy generator with the conversion of mechanical energy. And it is the clean and green energy.



PRINCIPAL

Loknete Gopinathji Munde A.C.S. College
Mandangad, Dist. Ratnagiri, 415203.

71	Physics	Applied Physics	B. Sc.	Environmental & Sustainability	Geo-Environmental Sciences: With this topic, learners are aware about the geo-environmental studies regarding mining, urban, industrial, and coastal and desert management and their impact on the ecosystem. Students also aware about different natural hazards and pollution various cities.
72	Botany	Plant Diversity-I	B. Sc.	Environmental & Sustainability	with this curriculum learners are sensitized and aware about plant diversity like Algae, Fungi, Bryophytes, Pteridophytes, Gymnosperms, Angiosperms and their importance to human beings as well as for environment sustainability. learners also learn interaction and interrelationship between different organisms and their economic importance's.
73	Botany	Forms and Functions-I	B. Sc.	Environmental & Sustainability	Through aquatic and terrestrial ecosystems study students were sensitized and aware about importance of ecosystem for Environmental sustainability, learners are also aware about importance of medicinal plants
74	Botany	Plant Diversity-II	B. Sc.	Environmental & Sustainability	With this curriculum learners are understood the plant diversity and its importance in human life. Learners also aware about the economic importance of plants and their products for human beings as well as to other organisms. Learners understood the importance of forest and forest products for human wellbeing and hence need to conserve them for sustainable agriculture, economy and environment.
75	Botany	Plant Diversity-II	B. Sc.	Environmental Sustainability	With this curriculum learners are aware of importance Thalophytes like mosses and lichens as pollution indicator, acquired the knowledge of the international code and rules of plant nomenclature. Learners knew the economic values like food, medicinal and ecological importance of plants diversity.
76	Botany	Forms and Functions II	B. Sc.	Professional Ethics, Human Value	Aware about adulterations and substitution in medicinal plants
77	Botany	Forms and Functions II	B. Sc.	Gender	During the lecture of sex determination learners are aware about gender equality



78	Botany	Forms and Functions II	B. Sc.	Environmental & Sustainability	With this curriculum learners are sensitized and aware about all the complex interrelations between the organisms and their environment in which they live and struggle for their existence
79	Botany	Current trends in plant Sciences	B. Sc.	Environmental & Sustainability	Learners acknowledge with social forestry, Agroforestry, Urban forestry, organic farming and economic botany, utilization of forests and their products. Types and Significance of forest. Different forestry programmes by government and conservation learners learn the commercial importance of plant.
80	Botany	Plant Diversity-IV	B. Sc.	Environmental & Sustainability	With this curriculum learners acquired the morphological, anatomical, embryological details as well as economic importance of angiosperm also acquired the knowledge of pollen grains and their importance in oil exploration, honey industry, Forensic science.
81	Botany	Forms and Function III	B. Sc.	Environmental & Sustainability	With this curriculum learners are sensitized and aware about different types of pollution and bioremediation
82	Botany	Plant Geography	B. Sc.	Environmental & Sustainability	Learners learn the phytogeographic regions of India. Biodiversity and Conservation.
83	Zoology	Biodiversity and conservation	B. Sc.	Environmental & Sustainability	With this curriculum Lerner are sensitized and aware about, biodiversity, its importance and hence would contribute their best for its conservation. Learner also grasps conservation strategies, National biodiversity action plan, 2002.
84	Zoology	Population Dynamics: Sex Ratio	B. Sc.	Gender	Learner acquired the knowledge about the nature and pattern of sex ratio. They also learn about male female ratio and their implications on society.
85	Zoology	Genetics: Sex Determination	B. Sc.	Gender	Learners understood mechanism of sex determination in human being as well as other animals and insects. They also gain the knowledge of male is responsible in human sex determination and not female.



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86	Zoology	Pollution and its effect on organism	B. Sc.	Environmental & sustainability	Learner acquired the knowledge of various anthropogenic activities with environmental degradation and its harmful effects on health. They also sensitized about the adverse effects of pollution and measures to control it.
87	Zoology	Animal Biotechnology	B. Sc.	Professional Ethics	Learners would understand recent advances in the subject and their applications for the betterment of mankind and young minds would tune to think out of the box
88	Zoology	Ethics in Scientific Research	B. Sc.	Professional Ethics	The Learner imbibed the skill of scientific communication and understood ethical aspect of research
89	English	Foundation Course	B.SC. (F.Y.)	Human Values	Multi-Cultural Diversity of Indian Society, Concept of Gender Inequality To aware students about the diversity in Indian society. To inculcate a sense of equality.
90	English	Foundation Course	B.SC. (S.Y.)	Human Values	Human Rights Provisions To make aware the students of Human Rights violations and suggest the ways to prevent the.
91	English	Foundation Course	B.SC. (S.Y.)	Environmental Sustainability	Dealing with Environmental Concerns To create awareness for conservation of Environment Approaches to Understanding Ecology- To make aware students about different approaches of ecology. Also make them aware of the different principles of ecology.




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