



"Sarva Shreshtha Dan Vidya Dan"

Samaj Shikshan Mandal Vinzar's

AMRUTESHWAR ARTS, COMMERCE & SCIENCE COLLEGE, VINZAR

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NAAC Reaccredited - B

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Ref. /20

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1.3.1- List and Description of Courses addressing Cross Cutting Issues in curriculum

Sr. No.	Course Name	Description
1.	F.Y.B.Sc Sem- I (General Science) Physics Course.(Environment Issue)	F.Y.B.Sc. Physics course syllabus also has a section on solar cell and its types.
3.	S.Y.BA (Political Science) (Gender Awareness)	Curriculum has a unit on Feminism that emphasized on Gender equality.
4.	TYBA (Political Science) (Gender Awareness)	Curriculum has a unit on Feminism that emphasized on Gender equality.
5.	S.Y.B.COM Sem- II & III	The curriculum of Commerce department Subject Entitled to 'Business Management' Topics Principles of management covers the ethical side of managing business. It Covers healthy corporate practices and welfare of Employees. 'Business Ethics and Professional Values', try to raise the student's general awareness on the ethical dimension at work place.
6.	S.Y.B.A,B.COM,BSC (Credit Course) (Environmental Awareness)	This credit course covers topics like: Ecology, Ecosystem, Natural Resource Conservation, Biodiversity conservation and Causes, effect and control measures of pollution.
7.	S.Y.B.A (Geography) Sem- III & IV(Environmental Awareness)	Geography Course syllabus create awareness about dynamic environment among, it also acquaint students with the fundamental concepts of Environment Geography.
8.	S.Y.Bsc, (Botany) Sem-I (Environmental Awareness)	Taxonomy of Angiosperms and Plant Ecology It creates awareness in the society about biodiversity and its conservation.
9.	T.Y.B.Sc. Paper 2 Sem – IV (Environmental Awareness)	It also creates awareness for sustainable use of natural resources for sustainable development.
10.	S.Y.B.com Corporate Accounting sem-I(Professional Ethics)	Accounting standards are the code of conduct and guideline issued by ICAI this guideline are meant for creation and practice of professional ethics while writing down the financial statement.




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11.	T.Y.B.com sem-I Auditing and taxation (Professional Ethics)	Principals of auditing and rights and duties of an auditor are the topics designed to create professional awareness among the future auditor and motivate them follow the professional ethical practice.
12	B.A SEM-I &II,III (Human Values)	Have units which reflect Human Values through the topics like-'Sovereignty, Human Rights, Duties, Liberty, Equality, Kinds of Government, Democracy, Constitution and constitution of India, State Legislature and Union Executive.
13	T.Y.B.com, Business Regulatory Framework Sem-V and VI. (Professional Ethics)	It projects Consumer protection and how to conserve and give importance to intellectual property rights.
14	Advanced Accounting Sem-VI (Professional Ethics)	It presents the concept of accounting for Corporate Social Responsibility and explores its relevance to ethical obligations and ethical ideals present in the relationship between employers and employees.
15	B.A. SEM-I, B.sc.Sem-III, B.COM SEM-I (Professional Ethics)	Professional ethics reflected through the topic like Basic Language skills: grammar and usage, Composition on paragraph writing, Letter Writing (Formal and informal)
16	T. B.Sc. 3 Sem-3 (Botany) (Gender Awareness)	Paper-Genetics and Evolution explain the meaning of gender and gender awareness. Develop positive attitude towards gender and gender literacy among students and in the society.
17	T.Y.B.A Politics paper -IV (Gender Awareness)	Titled 'International Relations 'focuses on the issues like gender sensitization, Women's participation in politics, Women's movements, social issues and Feminism.
18	F.Y.B.Com Compulsory English Sem-I , 111	Human Values reflected In Units 1,3,4,5,6 and Environment and Sustainability is reflected in Unit-2
19.	F.Y.B.A. Compulsory English Sem-I -11001	In prose Section Human Values are reflected and in Grammar section Good manners, Communication skills and Professional Ethics are reflected.
20.	F.Y.B.A. Compulsory English Sem-II-12001	In prose Section Human Values are reflected and in Grammar section Good manners and Professional Ethics are reflected.
21.	S.Y.B.A. Compulsory English Sem-III 23001	Human values, Professional Ethics and Environmental awareness reflected through Prose, Poetry and Grammar section
22.	S.Y.B.A. Compulsory English Sem-Iv 24001	Human values, Professional Ethics and Environmental awareness reflected through Prose, Poetry and Grammar section
23.	T.Y.B.A. Compulsory English Sem-V 35002	Human Values, Life skills, Soft skills and Professional Ethics reflected through the Syllabus.
24	T.Y.B.A. Compulsory English Sem-VI 36002	Human Values, Life skills, Soft skills and Professional Ethics reflected through the Syllabus.
25.	Democracy, Election and Governance	Human Values and Professional ethics are reflected.
26	F.Y. B.Sc. Paper-I-Sem-I-Physical Chemistry	To learn basic behind the various industrial process and aware about professional ethics of industries.



27	F.Y. B.Sc. Paper-2-Sem-1-Organic Chemistry	Professional Ethics and Human value: To learn the various operations and procedure adopted for the sustainable development. Basic knowledge about Material Safety Data Sheet for safety and handling of chemicals without health hazards. Validation of Analytical Methods.
28	F.Y. B.Sc. Paper-3-Sem-1 2-Practical Chemistry	Sustainable Development: the fundamental elements and their importance sustainable development.
29	F.Y. B.Sc. Paper-1-Sem-2-Inorganic Chemistry	Professional Ethics: Design of environment friendly processes, effluent minimization and control, types of health hazards in API manufacturing unit, their prevention using green chemistry approaches. Basic knowledge about Material Safety Data Sheet for safety and handling of chemicals without health hazards. Validation of Analytical Methods.
30	F.Y. B.Sc. Paper-1-Sem-2-Analytical Chemistry	To learn basic behind the various industrial process and aware about professional ethics of industrial process.
31	S.Y. B.Sc. Paper-1-Sem-3 & 4-Physical & Analytical Chemistry	Professional Ethics & Human value, Design of environment friendly processes, effluent minimization and control, types of health hazards in API manufacturing unit, their prevention using green chemistry approaches. Basic knowledge about Material Safety Data Sheet for safety and handling of chemicals without health hazards. Validation of Analytical Methods. To learn the industrial methods of synthesis of life saving drugs for the welfare of society.
32	S.Y. B.Sc. Paper-2-Sem-3 & 4-Inorganic & Organic Chemistry	Professional Ethics and Human value: To learn the various operations and procedure adopted for the sustainable development. Basic knowledge about Material Safety Data Sheet for safety and handling of chemicals without health hazards. Validation of Analytical Methods.
33	S.Y. B.Sc. Paper-3-Sem-3 & 4-Practical Chemistry	Human Values: o learn different principles of physical chemistry used for the welfare of human being and for sustainable development
34	T.Y. B.Sc. Sem-5 & 6-Physical Chemistry-I, II & III	Sustainable development: To learn the applications of fundamental elements and its compounds for the agriculture, medicine, environment preservation etc
35	T.Y. B.Sc. Sem-5 & 6-Inorganic Chemistry-I, II & III	Professional Ethics & Human value, Design of environment friendly processes, effluent minimization and control, types of health hazards in API manufacturing unit, their prevention using green chemistry approaches. Basic knowledge about Material Safety Data Sheet for safety and handling of chemicals without health hazards. Validation of Analytical Methods. To learn the industrial methods of synthesis of life saving drugs for the welfare of society.



36	T.Y. B.Sc. Sem-5 & 6-Organic Chemistry-I, II & III	Professional Ethics and Sustainable development: To educate students about pollution, importance of natural fertilizers, disposal of waste of various industries, importance of fermentation industry, preparation of bio-deselect
37	T.Y. B.Sc. Sem-5-Industrial Chemistry	To study the basic units of life, to identify the role of bio molecules in living system and its benefits and to described Role of secondary metabolites and human health.
38	T.Y. B.Sc. Sem-5-Chemistry of Bio molecule	Design of environment friendly processes, effluent minimization and control, types of health hazards in API manufacturing unit, their prevention using green chemistry approaches. Basic knowledge about Material Safety Data Sheet for safety and handling of chemicals without health hazards. Validation of Analytical Methods. Antiviral drugs including treatment of HIV; Safety Pharmacology; Critical appraisal of fixed dose drug combinations of marketed preparations; Prescription auditing And standard treatment protocols.
39	T.Y. B.Sc. Sem-5-Medicinal Chemistry	Sustainable Development: to give basic knowledge of environment, water conservation, pollution control and effects. It also educates students about natural resources and the importance of its conservation such as ozone layer, plantation, water bodies, etc
40	T.Y. B.Sc. Sem-5-Environmental Chemistry	Professional Ethics: Different a forensic tool in criminal investigations. The knowledge of various techniques, analysis of sample for forensic study, laws etc
41	T.Y. B.Sc. Sem-6-Introduction to Forensic Chemistry	Design of environment friendly processes, effluent minimization and control, types of health hazards in API manufacturing unit, their prevention using green chemistry approaches. Basic knowledge about Material Safety Data Sheet for safety and handling of chemicals without health hazards. Validation of Analytical Methods. Antiviral drugs including treatment of HIV; Safety Pharmacology; Critical appraisal of fixed dose drug combinations of marketed preparations; Prescription auditing and standard treatment protocols.
42	T.Y. B.Sc. Sem-5 & 6-Practical Chemistry-I, II & III	Skill Enhancement, Sustainable Development and Professional ethics: to learn the various green synthesis for sustainable development, fluent minimization and control, types of health hazards in API manufacturing unit, their prevention using green chemistry approaches. Validation of Analytical Methods.
43	F.Y. B.A. Early India Part I & II Sem I&II History	Unit I first Sem addresses Environment and Ecology of prehistoric period. Gender issues are addressed in



		all units of this course pertaining to social and economic condition of each dynasty. First unit also focuses on historical sources that is very much related to professional ethics of academicians in general and historians in particular into the Curriculum
44	S.Y.B.A. History of Maratha's Part I&II Sem I&II CC-1C &CC-1D	Human Values and Professional Ethics are focused in this course such as military skills and personality of great historical personalities such as Shivaji Maharaj, Bajirao I and other personalities. Administrative qualities and military skills of historical personalities are highlighted and may be seen their as professional skills
45	S.Y.B.A. History of Maratha's Part I&II Sem I&II CC-1C &CC-1D	Human Values and Professional Ethics are focused in this course such as military skills and personality of great historical personalities such as Shivaji Maharaj, Bajirao I and other personalities. Administrative qualities and military skills of historical personalities are highlighted and may be seen their as professional skills
46	S.Y.B.A. Glimpses of World History Part I &II Sem I & SemII. DSE-2A&DSE-2B	Human Values and Professional Ethics are focused in this course such as military and administrative skills and personality of great historical personalities who have left great impact on world history. Administrative qualities and military skills of historical personalities are highlighted and may be seen their as professional skills
47	S.Y.B.A. Early India &Medieval India Architecture Part I&II Sem I&II SEC-2A &SEC-2B	Whole curriculum of this course may be seen in light of environmental sustainability and professional ethics.
48	T.Y.B.A. Indian National Movement& India after Independence Part I&II Sem V&VI CC-1E&CC-1F	Human Values and Professional Ethics are focused in this course such as administrative skills and leadership quality of great historical personalities who have left great impact on Indian history. Administrative qualities and leadership qualities of historical personalities are highlighted and may be seen their as professional skills
49	T.Y.B.A. Introduction to Historiography and Applied History Part I&II Sem V&VI DSE-1C&DSE1D	Professional skills of historians are contemplated in these two curriculum
	T.Y.B.A. Maharashtra in 19th Century and Maharashtra in 20th Century Part I&II Sem V&VI DSE-2C&DSE-2D	Human Values and Professional Ethics are focused in this course such as administrative skills and leadership quality of great historical personalities who have left great impact on history of Maharashtra. Administrative qualities and leadership qualities of historical personalities are highlighted and may be seen their as professional skills
50	T.Y.B.A. Research Paper Writing and Archaeology Part I&II Sem V&VI SEC-2C&SEC-2D	Professional skills of historians are contemplated in these two curriculum

