



Ahmednagar Jilha Maratha Vidya Prasarak Samaj's

New Arts, Commerce and Science College, Parner

Tal. Parner, Dist. Ahmednagar - 414 302 (Maharashtra)



4th Cycle

Assesment and Accreditation

Criterion-1

Cirricular Aspects

KI : 1.3 Curriculum Enrichment

QIM - 1.3.1

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



NAAC 'A' Grade

Best College Award
by SPPU, Pune

Ahmednagar Jilha Maratha Vidya Prasarak Samaj's
New Arts, Commerce & Science College

• Parner, Dist.- A.nagar, Maharashtra Pin - 414302 • Office (02488) 221537/35

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Ref. No. NAC&S

Date : 24/ 11 /2022

DECLARATION

This is to declare that the information, reports, true copies of the supporting documents, numerical data, etc. submitted/presented in this file is verified by Internal Quality Assurance Cell (IQAC) and is correct as per the records. This declaration is for the purpose of NAAC accreditation of HEI for 4th Cycle period 2017-18 to 2021-22.

Date: 24/11/2022

Place: **Parner**

Prof. (Dr.) D. R. Thube

IQAC Coordinator

IQAC COORDINATOR
New Art's, Commerce & Science College
Parner, Dist. Ahmednagar



Dr. R. K. Aher

IQAC Chairman and Principal

PRINCIPAL
New Arts, Commerce & Science College
Parner, Tal. Parner, Dist. Ahmednagar

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**LIST OF THE COURSES
ADDRESS CROSSCUTTING
ISSUE**

List of Courses addresses crosscutting issues as per Syllabus (2013 Pattern)

Sr. No.	Programme Name	Course code	Name of Course	Addressed issue (Professional Ethics, Gender, Human Values, Environment and Sustainability)
1.	All UG Programmes		Democracy, Election and Governance	Professional Ethics
2.	All PG Programmes		Human rights- I	Professional Ethics
3.	All PG Programmes		Human rights- I	Professional Ethics
4.	All PG Programmes		Cyber Security-I	Professional Ethics
5.	All PG Programmes		Cyber Security-II	Professional Ethics
6.	All PG Programmes		Cyber Security-III	Professional Ethics
7.	All PG Programmes		Cyber Security-IV	Professional Ethics
8.	All PG Programmes		Skill Development-I	Professional Ethics
9.	All PG Programmes		Skill Development-II	Professional Ethics
10.	All PG Programmes		Introduction to Constitution	Professional Ethics
11.	B. A. English	FE VI	Functional English	Professional Ethics
12.	B. A. Marathi	1024	Adhunik Marathi Sahitya Vyavharik va Upyojit Marathi	Professional Ethics
13.	B. A. Marathi	G2	Adhunik Marathi Sahitya Aani Upyojit Marathi	Professional Ethics
14.	B. A. Marathi	S3	Sahityavichar	Professional Ethics
15.	M. A. Marathi	Paper 1 (Sem-1)	Vyavharik Ani Upyojit Marathi Bhag -1	Professional Ethics
16.	M. A. Marathi	Paper 1 (Sem-2)	Vyavharik Ani Upyojit Marathi Bhag -2	Professional Ethics
17.	M. A. Marathi	Paper 5 (Sem-3)	Prasarmadhyame Aani Sahityavyavhar Bhag - 1	Professional Ethics
18.	M. A. Marathi	Paper 5 (Sem-4)	Prasarmadhyame Aani Sahityavyavhar Bhag - 2	Professional Ethics
19.	B.A. Hindi	2098	Hindi Bhasha ka Vikas (S1)	Professional Ethics
20.	B.A. Hindi	2099	Upnyas ,Natak Tatha Madhyugin Hindi Kavya (S2)	Professional Ethics
21.	B.A. Hindi	3097	Hindi Samanya (G- 3)	Professional Ethics
22.	B.A. Hindi	3098	Hindi Sahita Ka Itihas (S3)	Professional Ethics
23.	B.A. Hindi	3099	Kavyashastra (S4)	Professional Ethics
24.	M. A. Hindi	10591	Prachin Aur Madhyayugin Kavya (10591)	Professional Ethics
25.	M. A. Hindi	10592	Aadhunik Hindi Katha sahitya (10592)	Professional Ethics

26.	M. A. Hindi	10593	Bhartiy Sahitya Shastra	Professional Ethics
27.	M. A. Hindi	10596	Vishesh sahyakar Kabir	Professional Ethics
28.	M. A. Hindi	20591	Madhyayugin Hindi Kavya (20591)	Professional Ethics
29.	M. A. Hindi	20592	Aadhunik Hindi Natak aur Nibhandh (20592)	Professional Ethics
30.	M. A. Hindi	20593	Paschatya sahyashastra (20593)	Professional Ethics
31.	M. A. Hindi	20596	Prayojanmulak Hindi (20596)	Professional Ethics
32.	M. A. Hindi	30591	Aadhunik Kavya-1 (30591)	Professional Ethics
33.	B. A. Geography	Gg-220(S-1)	SYBA: Economic Geography OR Tourism Geography	Professional Ethics
34.	B. A. Geography	Gg-201(S-2)	SYBA: Fundamentals of Geographical Analysis	Professional Ethics
35.	B. A. Geography	Gg-301(S-4)	TYBA: Techniques of Spatial Analysis	Professional Ethics
36.	M.A /M.Sc Geography	Gg-105	FYMA: Practical in Physical Geography (Sem- I)	Professional Ethics
37.	M.A /M.Sc Geography	Gg-106	FYMA: Practical in Human Geography	Professional Ethics
38.	M.A /M.Sc Geography	Gg-222	FYMA: Industrial Geography	Professional Ethics
39.	M.A /M.Sc Geography	Gg-202	FYMA: Practical in Cartography(Sem-II)	Professional Ethics
40.	M.A /M.Sc Geography	Gg-203	FYMA: Practical in Surveying and Field visit(Sem-II)	Professional Ethics
41.	M.A /M.Sc Geography	Gg-204	FYMA: Geography of Tourism(Sem-II)	Professional Ethics
42.	M.A /M.Sc Geography	Gg-207	FYMA: Practical in Terrain Analysis(Sem-II)	Professional Ethics
43.	M.A /M.Sc Geography	Gg-332	SYMA: Practicals in Economic Geography(Sem-III)	Professional Ethics
44.	M.A /M.Sc Geography	Gg-302	SYMA: Interpretation of Topographical Maps & Village Survey / Project work	Professional Ethics
45.	M.A /M.Sc Geography	Gg-303	SYMA: Research Method in Geography(Sem-III)	Professional Ethics
46.	M.A /M.Sc Geography	Gg-305	SYMA: Practical in Watershed analysis(Sem- III)	Professional Ethics
47.	M.A /M.Sc Geography	Gg-441	SYMA: Principles of Regional Geography &	Professional Ethics

			Project Work	
48.	M.A /M.Sc Geography	Gg-420	SYMA: Regional Planning and Development(Sem-IV)	Professional Ethics
49.	B. A. Economics	S3	International Economics	Professional Ethics
50.	B. A. Political Science	G-I	FYBA: Indian Government and Politics	Professional Ethics
51.	B. A. Political Science	S-III	TYBA : Public Administration	Professional Ethics
52.	B. A. Political Science	S-IV	TYBA : International Politics	Professional Ethics
53.	B. B. A. Computer Application	101	Modern Operating Environment & MS Office	Professional Ethics
54.	B. B. A. Computer Application	102	Financial Accounting	Professional Ethics
55.	B. B. A. Computer Application	103	Programming Principal & Algorithms	Professional Ethics
56.	B. B. A. Computer Application	104	Business Communication	Professional Ethics
57.	B. B. A. Computer Application	105	Principles of Management	Professional Ethics
58.	B. B. A. Computer Application	106	Laboratory Course – I [Based on Paper No. 101 & 102]	Professional Ethics
59.	B. B. A. Computer Application	201	Procedure Oriented Programming using C	Professional Ethics
60.	B. B. A. Computer Application	202	Data Base Management System	Professional Ethics
61.	B. B. A. Computer Application	203	Organizational Behavior	Professional Ethics
62.	B. B. A. Computer Application	205	E-Commerce Concepts	Professional Ethics
63.	B. B. A. Computer Application	206	Laboratory Course – II [Based on Paper No. 201 & 202]	Professional Ethics
64.	B. B. A. Computer Application	301	Relational Database Management Systems	Professional Ethics
65.	B. B. A. Computer Application	302	Data Structures using C	Professional Ethics
66.	B. B. A. Computer Application	303	Operating System Concepts	Professional Ethics
67.	B. B. A. Computer Application	305	Software Engineering	Professional Ethics
68.	B. B. A. Computer Application	306	Laboratory Course – III [Based on Paper No. 301 and 302]	Professional Ethics
69.	B. B. A. Computer Application	401	OOP's using C++	Professional Ethics
70.	B. B. A. Computer	402	Programming in Visual	Professional Ethics

	Application		Basic	
71.	B. B. A. Computer Application	403	Computer Networking	Professional Ethics
72.	B. B. A. Computer Application	404	Enterprise Resource Planning	Professional Ethics
73.	B. B. A. Computer Application	405	Human Resource Management	Professional Ethics
74.	B. B. A. Computer Application	406	Laboratory Course – IV [Based on Paper No. 401 & 402]	Professional Ethics
75.	B. B. A. Computer Application	501	Java Programming	Professional Ethics
76.	B. B. A. Computer Application	502	Web Technologies	Professional Ethics
77.	B. B. A. Computer Application	503	Dot Net Programming	Professional Ethics
78.	B. B. A. Computer Application	504	Object Oriented Software Engg.	Professional Ethics
79.	B. B. A. Computer Application	505	Software Project – I [Based on C++ / VB Technology]	Professional Ethics
80.	B. B. A. Computer Application	506	Laboratory Course – V [Based on Paper No. 501 & 502]	Professional Ethics
81.	B. B. A. Computer Application	601	Advanced Web Technologies	Professional Ethics
82.	B. B. A. Computer Application	602	Advanced Java	Professional Ethics
83.	B. B. A. Computer Application	603	Recent Trends in IT	Professional Ethics
84.	B. B. A. Computer Application	604	Software Testing	Professional Ethics
85.	B. B. A. Computer Application	605	Software Project – II [Java / Dot net Technology]	Professional Ethics
86.	B. B. A. Computer Application	606	Laboratory Course – VI [Based on Paper No. 601 & 602]	Professional Ethics
87.	B. Sc. Physics	PHY 212	Electronics I	Professional Ethics
88.	B. Sc. Physics	PH-335	Computational Physics	Professional Ethics
89.	B. Sc. Physics	PH-336 B	Elements of Materials Science	Professional Ethics
90.	B. Sc. Physics	PH-345	Electronics	Professional Ethics
91.	B. Sc. Physics	PH-349	Laboratory Course III (Project)	Professional Ethics
92.	M.Sc. Physics	PHCT-113	Electronics	Professional Ethics
93.	M.Sc. Physics	PHCP 235	Physics Laboratory III	Professional Ethics
94.	M.Sc. Physics	PHCT-242	Materials Science	Professional Ethics
95.	M.Sc. Physics	PHCP-245	Practical Paper (Project)	Professional Ethics

96.	B. Sc. Botany	BO- 112	FYBSc Paper II Industrial Botany I(Sem- I)	Professional Ethics
97.	B. Sc. Botany	BO- 112	FYBSc Paper II Industrial Botany II (Sem- II)	Professional Ethics
98.	B. Sc. Botany	BO- 113	Practical PaperIII (Sem- I & II)	Professional Ethics
99.	B. Sc. Botany	BO-221	SYBSc Paper I Plant Anatomy and Embryology (Sem II)	Professional Ethics
100.	B. Sc. Botany	BO-222	SYBSc Paper II Plant Biotechnology(Sem II)	Professional Ethics
101.	B. Sc. Botany	BO-223	Practical based on theory courses (Paper I and Paper II)	Professional Ethics
102.	B. Sc. Botany	BO-335	TYBSc Paper V Horticulture and Floriculture(Sem III)	Professional Ethics
103.	B. Sc. Botany	BO-336	TYBSc Paper VI Computational Botany(Sem III)	Professional Ethics
104.	B. Sc. Botany	BO-341	TYBSc Paper I Plant Physiology and Biochemistry(Sem IV)	Professional Ethics
105.	B. Sc. Botany	BO-345	TYBSc Paper V Plant Biotechnology (Sem IV)	Professional Ethics
106.	B. Sc. Botany	BO-346	TYBSc Paper VI Plant Breeding and Seed Technology (Sem IV)	Professional Ethics
107.	B. Sc. Botany	BO-347	Practical I	Professional Ethics
108.	B. Sc. Botany	BO-348	Practical II	Professional Ethics
109.	B. Sc. Botany	BO-349	Practical III	Professional Ethics
110.	M. Sc. Botany	BO 1.2	Biochemistry And Plant Physiology (Sem- I)	Professional Ethics
111.	M. Sc. Botany	BO 1.4	Botanical Techniques	Professional Ethics
112.	M. Sc. Botany	BO 1.5	Practical based on BO 1.2 and BO 1.3(Sem- I)	Professional Ethics
113.	M. Sc. Botany	BO 2.3	Molecular Biology and Genetic Engineering (Sem- II)	Professional Ethics
114.	M. Sc. Botany	BO 2.5	Practical based on BO 2.1 and BO (Sem- II)	Professional Ethics
115.	M. Sc. Botany	BO 2.6	Practical based on BO 2.3 and BO 2.4 (Sem- II)	Professional Ethics
116.	M. Sc. Botany	BO 3.3	Industrial Botany I	Professional Ethics
117.	M. Sc. Botany	Bo 3.4 Special Paper I	Advanced Mycology	Professional Ethics

118.	M. Sc. Botany	BO 3.5	Practicals Based on Bo 3.1, 3.2 and 3.3	Professional Ethics
119.	M. Sc. Botany	BO 3.6	Practicals based on special paper (Sem- III)	Professional Ethics
120.	M. Sc. Botany	BO 4.1	Computational Botany	Professional Ethics
121.	M. Sc. Botany	BO 4.3	Industrial Botany II	Professional Ethics
122.	M. Sc. Botany	BO 4.5	Practicals Practical based on BO 4.1, BO 4.2., BO 4.3. and BO 4.4 (Sem- IV)	Professional Ethics
123.	M. Sc. Botany	BO 4.6	Research Methodology and Summer Training (Sem- IV)	Professional Ethics
124.	B. Sc. Mathematics	MT 101	Algebra and Geometry	Professional Ethics
125.	B. Sc. Mathematics	MT 102	Calculus and Differential equations	Professional Ethics
126.	B. Sc. Mathematics	MT 103	Mathematics Practical's	Professional Ethics
127.	B. Sc. Mathematics	MT 212(A)	Discrete Mathematics	Professional Ethics
128.	B. Sc. Mathematics	MT212(B)	Laplace Transform and Fourier Series	Professional Ethics
129.	B. Sc. Mathematics	MT213	Practical based on MT211,MT212	Professional Ethics
130.	B. Sc. Mathematics	MT222(B)	Numerical methods and it's applications	Professional Ethics
131.	B. Sc. Mathematics	MT223	Practical based on MT221,MT222	Professional Ethics
132.	B. Sc. Mathematics	MT 333	Problem Course on MT 331 and MT 332	Professional Ethics
133.	B. Sc. Mathematics	MT 335	Ordinary Differential Equations	Professional Ethics
134.	B. Sc. Mathematics	MT 336	Problem Course on MT 334 and MT 334	Professional Ethics
135.	B. Sc. Mathematics	MT 337:A	Operations Research	Professional Ethics
136.	B. Sc. Mathematics	MT 337:B	Dynamical System	Professional Ethics
137.	B. Sc. Mathematics	MT 337: C	C- Programming I	Professional Ethics
138.	B. Sc. Mathematics	MT 337:D.	Lattice Theory	Professional Ethics
139.	B. Sc. Mathematics	MT 337: E	Financial Mathematics	Professional Ethics
140.	B. Sc. Mathematics	MT 337:F	Number Theory	Professional Ethics
141.	M. Sc. Mathematics	MT 502	Advanced Calculus	Professional Ethics
142.	M. Sc. Mathematics	MT 504	Numerical Analysis	Professional Ethics
143.	M. Sc. Mathematics	MT 505	Ordinary Differential Equations	Professional Ethics
144.	M. Sc. Mathematics	MT 605	Partial Differential Equations	Professional Ethics
145.	M. Sc. Mathematics	MT 701	Combinatorics	Professional Ethics
146.	M. Sc. Mathematics	MT 704	Graph Theory	Professional Ethics

147.	M. Sc. Mathematics	MT 705	Classical Mechanics	Professional Ethics
148.	M. Sc. Mathematics	MT 708	Topics in Geometry	Professional Ethics
149.	M. Sc. Mathematics	MT 709	Discrete Mathematics	Professional Ethics
150.	M. Sc. Mathematics	MT 710	Applied Mathematics	Professional Ethics
151.	M. Sc. Mathematics	MT 711	C language	Professional Ethics
152.	M. Sc. Mathematics	MT 712	Mathematical Modelling	Professional Ethics
153.	M. Sc. Mathematics	MT 801	Number theory	Professional Ethics
154.	M. Sc. Mathematics	MT802	Differential Geometry	Professional Ethics
155.	M. Sc. Mathematics	MT 803	Fourier Analysis and boundary value problems	Professional Ethics
156.	M. Sc. Mathematics	MT805	Operations Research	Professional Ethics
157.	M. Sc. Mathematics	MT 808	Topics in Geometry	Professional Ethics
158.	M. Sc. Mathematics	MT 809	Discrete Mathematics	Professional Ethics
159.	M. Sc. Mathematics	MT 810	Applied Mathematics	Professional Ethics
160.	M. Sc. Mathematics	MT 811	C++ language	Professional Ethics
161.	M. Sc. Mathematics	MT 812	Mathematics Project	Professional Ethics
162.	B. Sc. Computer Science	CS-101	FYBSC CS: Problem Solving Using Computer and 'C' Programming (Annual Pattern)	Professional Ethics
163.	B. Sc. Computer Science	CS-102	FYBSC CS: File Organization and Fundamental of Database Management System (Annual Pattern)	Professional Ethics
164.	B. Sc. Computer Science	CS-103	FYBSC CS: Computer Science Paper – I (Annual Pattern)	Professional Ethics
165.	B. Sc. Computer Science	CS-104	FYBSC CS: Computer Science Paper – II (Annual Pattern)	Professional Ethics
166.	B. Sc. Computer Science	CS-211	SYBSC CS: Data Structures using 'C' (Sem-I)	Professional Ethics
167.	B. Sc. Computer Science	CS-212	SYBSC CS: Relational Database Management System (Sem-I)	Professional Ethics
168.	B. Sc. Computer Science	CS-221	SYBSC CS: Object Oriented Concepts using C++ (Sem-II)	Professional Ethics
169.	B. Sc. Computer Science	CS-222	SYBSC CS: Software Engineering (Sem-II)	Professional Ethics
170.	B. Sc. Computer Science	CS-223	SYBSC CS: Data structures Practicals and C++ Practicals (Annual Pattern)	Professional Ethics
171.	B. Sc. Computer Science	CS-224	SYBSC CS: Database Practicals & Mini Project	Professional Ethics

			using Software Engineering techniques (Annual Pattern)	
172.	B. Sc. Computer Science	CS-331	TYBSC CS: System Programming (Sem -III)	Professional Ethics
173.	B. Sc. Computer Science	CS-332	TYBSC CS: Theoretical Computer Science (Sem-III)	Professional Ethics
174.	B. Sc. Computer Science	CS-333	TYBSC CS: Computer Networks – I (Sem-III)	Professional Ethics
175.	B. Sc. Computer Science	CS-334	TYBSC CS: Internet Programming –I(Sem-III)	Professional Ethics
176.	B. Sc. Computer Science	CS-335	TYBSC CS: Programming In Java- I (Sem-III)	Professional Ethics
177.	B. Sc. Computer Science	CS-336	TYBSC CS: Object Oriented Software Engineering (Sem-III)	Professional Ethics
178.	B. Sc. Computer Science	CS-341	TYBSC CS: Operating System (Sem-IV)	Professional Ethics
179.	B. Sc. Computer Science	CS-342	TYBSC CS: Compiler construction (Sem-IV)	Professional Ethics
180.	B. Sc. Computer Science	CS-343	TYBSC CS: Computer Networks –II (Sem-IV)	Professional Ethics
181.	B. Sc. Computer Science	CS-344	TYBSC CS: Internet Programming –II (Sem-IV)	Professional Ethics
182.	B. Sc. Computer Science	CS-345	TYBSC CS: Programming In Java – II (Sem-IV)	Professional Ethics
183.	B. Sc. Computer Science	CS-346	TYBSC CS: Computer Graphics (Sem-IV)	Professional Ethics
184.	B. Sc. Computer Science	CS-347	TYBSC CS: Practicals Based on CS-331 & CS-341 (Annual Pattern)	Professional Ethics
185.	B. Sc. Computer Science	CS-348	TYBSC CS: Practical Based on CS-335 & CS-344 & Computer Graphics Using Java.	Professional Ethics
186.	B. Sc. Computer Science	CS-349	TYBSC CS: Practicals Based on CS-334 & CS-344 & Project (Annual Pattern)	Professional Ethics
187.	M. Sc. Computer Science	CS-101	FY M.Sc. CS: Principles of Programming Languages (Annual Pattern)	Professional Ethics
188.	M. Sc. Computer Science	CS-102	FY M.Sc. CS: Advanced Networking (Sem-I)	Professional Ethics
189.	M. Sc. Computer Science	CS-103	FY M.Sc. CS: Distributed Database Concepts	Professional Ethics

190.	M. Sc. Computer Science	CS-104	FY M.Sc. CS: Design and Analysis of Algorithms	Professional Ethics
191.	M. Sc. Computer Science	CS-104	FY M.Sc. CS: Network Programming (Sem-I)	Professional Ethics
192.	M. Sc. Computer Science	CS-201	FY M.Sc. CS: Digital Image Processing	Professional Ethics
193.	M. Sc. Computer Science	CS-202	FY M.Sc. CS: Advanced Operating Systems	Professional Ethics
194.	M. Sc. Computer Science	CS-203	FY M.Sc. CS: Data Mining and Data Warehousing (Sem-II)	Professional Ethics
195.	M. Sc. Computer Science	CS-204	FY M.Sc. CS: Project	Professional Ethics
196.	M. Sc. Computer Science	CS-206	FY M.Sc. CS: Artificial Intelligence (Sem-II)	Professional Ethics
197.	M. Sc. Computer Science	CS-301	SY M.Sc. CS: Software Metrics & Project Management (Sem-III)	Professional Ethics
198.	M. Sc. Computer Science	CS-302	SY M.Sc. CS: Mobile Computing (Sem-III)	Professional Ethics
199.	M. Sc. Computer Science	CS-303	SY M.Sc. CS: Soft Computing (Sem-III)	Professional Ethics
200.	M. Sc. Computer Science	CS-304	SY M.Sc. CS: Project	Professional Ethics
201.	M. Sc. Computer Science	CS-305	SY M.Sc. CS: Web Services (Sem-III)	Professional Ethics
202.	M. Sc. Computer Science	CS-308	SY M.Sc. CS: Business Intelligence (Sem-III)	Professional Ethics
203.	M. Sc. Computer Science	CS-401	SY M.Sc. CS: Industrial Training /Institutional project (Sem-IV)	Professional Ethics
204.	All UG Programmes		Democracy, Election and Governance	Gender
205.	All PG Programmes		Introduction to Constitution	Gender
206.	All PG Programmes		Human rights- I	Gender
207.	B.A. Hindi	2099	Upnyas ,Natak Tatha Madhyugin Hindi Kavya (S2)	Gender
208.	B. A. Geography	Gg-320(S-3)	TYBA: Population and Settlement Geography	Gender
209.	M. A. Geography	Gg.-104	FYMA: Principles of Population and Settlement Geography	Gender
210.	B. A. Political Science	G-I	FYBA: Indian Government and Politics	Gender
211.	B. A. Political Science	G-II	SYBA: Political Theory and Concepts	Gender
212.	B. A. Political Science	S- I	SYBA :Western Political Thought	Gender
213.	B. A. Political Science	S-II	SYBA : Political	Gender

			Sociology	
214.	B. A. Political Science	G-III	TYBA : Political Ideologies	Gender
215.	B. A. Political Science	S-III	TYBA : Public Administration	Gender
216.	B. A. Political Science	S-IV	TYBA : International Politics	Gender
217.	M. Sc. Botany	BO 1.3	Genetics and Plant Breeding (Sem- I)	Gender
218.	M. Sc. Botany	Bo 3.4 Special Paper I	Advanced Mycology	Gender
219.	All UG		Democracy, Election and Governance	Human Values
220.	All PG		Cyber Security-I	Human Values
221.	All PG		Cyber Security-II	Human Values
222.	All PG		Cyber Security-III	Human Values
223.	All PG		Cyber Security-IV	Human Values
224.	All PG -I		Human Rights	Human Values
225.	B. A. Marathi	1024	Adhunik Marathi Sahitya Vyavharik va Upyojit Marathi	Human Values
226.	B. A. Marathi	G2	Adhunik Marathi Sahitya Aani Upyojit Marathi	Human Values
227.	B. A. Marathi	S1	Marathi Sahityatil Vividha Sahitya Prakar	Human Values
228.	B. A. Marathi	S2	Arwachin Marathi Wangmayacha Itihas (1818 to 1960)	Human Values
229.	B. A. Marathi	G3	Adhunik Marathi Sahitya Aani Vyavharik Va Upyojit Marathi	Human Values
230.	B. A. Marathi	S4	Bhashavidnyan Varnanatmak Aani Itihasik	Human Values
231.	M. A. Marathi	Paper 2 (Sem-1)	Madhyayugin Marathi Wangmayacha Itihas (Start To 1600	Human Values
232.	M. A. Marathi	Paper 4 (Sem-1)	Gramin Sahitya	Human Values
233.	M. A. Marathi	Paper 2 (Sem-2)	Madhyayugin Marathi Wangmayacha Itihas (1600To 1818	Human Values
234.	M. A. Marathi	Paper 4 (Sem-2)	Dalit Sahitya	Human Values
235.	M. A. Marathi	Paper 7 (Sem-3)	Vishesh Lekhakacha Abhyas (Madhyayugin) Bhag -1	Human Values
236.	M. A. Marathi	Paper8 (Sem-3)	Loksahityachi Multattve Aani Marathi Loksahitya -	Human Values

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237.	M. A. Marathi	Paper 7 (Sem-4)	Vishesh Lekhakacha Abhyas (Madhyayugin) Bhag -2	Human Values
238.	M. A. Marathi	Paper 8 (Sem-4)	Loksahtyachi Multattve Aani Marathi Loksahtya - 2	Human Values
239.	B.A. Hindi	2097	kahani kavya evm lekhan (G2)	Human Values
240.	B.A. Hindi	2098	Hindi Bhasha ka Vikas (S1)	Human Values
241.	B.A. Hindi	2099	Upnyas ,Natak Tatha Madhyyugin Hindi Kavya (S2)	Human Values
242.	B.A. Hindi	3097	Hindi Samanya (G- 3)	Human Values
243.	B.A. Hindi	3098	Hindi Sahita Ka Itihas (S3)	Human Values
244.	B.A. Hindi	3099	Kavyashastra (S4)	Human Values
245.	M. A. Hindi	10591	Prachin Aur Madhyayugin Kavya (10591)	Human Values
246.	M. A. Hindi	10592	Aadhunik Hindi Katha sahitya (10592)	Human Values
247.	M. A. Hindi	10593	Bhartiy Sahitya Shastra (10593)	Human Values
248.	M. A. Hindi	10596	Vishesh sahtyakar Kabir (10596)	Human Values
249.	M. A. Hindi	(20591)	Madhyayugin Hindi Kavya	Human Values
250.	M. A. Hindi	20592	Aadhunik Hindi Natak aur Nibhandh (20592)	Human Values
251.	M. A. Hindi	20593	Paschatya sahtyashastra	Human Values
252.	M. A. Hindi	20596	Prayojanmulak Hindi	Human Values
253.	M. A. Hindi	30591	Aadhunik Kavya-1	Human Values
254.	B. A. History	G1	Chh.Shivaji and His Times	Human Values
255.	B. A. History	G2	Modern India (1857-1950)	Human Values
256.	B. A. History	G3	History of The World in 20 Century (1914-1992)	Human Values
257.	B. A. Geography	Gg- 310(G-3)	TYBA: Regional Geography of India OR Human Geography	Human Values
258.	M.A /M.Sc Geography	Gg-321	SYMA: Political Geography	Human Values
259.	M.A /M.Sc Geography	Gg-304	SYMA: Social &Cultural Geography(Sem-III)	Human Values

260.	M.A /M.Sc Geography	Gg-404	SYMA: Geography of Food Security of India	Human Values
261.	M.A /M.Sc Geography	Gg-405	SYMA: Geography of Health	Human Values
262.	M.A /M. Sc Geography	Gg- 407	SYMA: Regional Geography of SAARC countries	Human Values
263.	B. A. Political Science	G-I	FYBA: Indian Government and Politics	Human Values
264.	B. A. Political Science	G-II	SYBA: Political Theory and Concepts	Human Values
265.	B. A. Political Science	S- I	SYBA :Western Political Thought	Human Values
266.	B. A. Political Science	S-II	SYBA : Political Sociology	Human Values
267.	B. A. Political Science	G-III	TYBA : Political Ideologies	Human Values
268.	B. A. Political Science	S-III	TYBA : Public Administration	Human Values
269.	B. A. Political Science	S-IV	TYBA : International Politics	Human Values
270.	B. Sc. Botany	BO-332	TYBSc Paper II Cell and Molecular Biology(Sem III)	Human Values
271.	B. Sc. Botany	BO-333	TYBSc Paper III Genetics and Evolution(Sem III)	Human Values
272.	M. Sc. Botany	BO 2.2	Cell Biology and Evolution (Sem- II)	Human Values
273.	M. Sc. Botany	Bo 3.4 Special Paper I	Advanced Mycology	Human Values
274.	ALL UG Programmes		EVS 231- Environment Awareness	Environment and Sustainability
275.	ALL PG Programmes		Human rights- I	Environment and Sustainability
276.	B.A. Hindi	2099	Upnyas ,Natak Tatha Madhyyugin Hindi Kavya (S2)	Environment and Sustainability
277.	B.A. Hindi	3097	Hindi Samanya (G- 3)	Environment and Sustainability
278.	B. A. History	G2	Modern India (1857-1950)	Environment and Sustainability
279.	B. A. History	G3	History of The World in 20 Century (1914-1992)	Environment and Sustainability
280.	B. A. Geography	Gg-110 (G-1)	FYBA: Elements of Geomorphology	Environment and Sustainability
281.	B. A. Geography	Gg-210(G-2)	SYBA: Elements of Climatology and Oceanography OR	Environment and Sustainability

			Geography of Disaster Management	
282.	M.A /M.Sc Geography	Gg.-101	FYMA: Principles of Geomorphology(Sem-I)	Environment and Sustainability
283.	M.A /M.Sc Geography	Gg.-102	FYMA: Principles of Climatology(Sem-I)	Environment and Sustainability
284.	M.A /M.Sc Geography	Gg-212	FYMA: Agricultural Geography(Sem-II)	Environment and Sustainability
285.	M.A /M.Sc Geography	Gg-205	FYMA: Geography of Disaster Management (Sem-II)	Environment and Sustainability
286.	B. A. Economics	G1	Indian Economy – Problems and Prospects	Environment and Sustainability
287.	B. A. Political Science	G-I	FYBA: Indian Government and Politics	Environment and Sustainability
288.	B. A. Political Science	G-II	SYBA: Political Theory and Concepts	Environment and Sustainability
289.	B. A. Political Science	S- I	SYBA :Western Political Thought	Environment and Sustainability
290.	B. A. Political Science	S-II	SYBA : Political Sociology	Environment and Sustainability
291.	B. A. Political Science	G-III	TYBA : Political Ideologies	Environment and Sustainability
292.	B. A. Political Science	S-III	TYBA : Public Administration	Environment and Sustainability
293.	B. A. Political Science	S-IV	TYBA : International Politics	Environment and Sustainability
294.	B.Sc. Physics	PH-336 B	Elements of Materials Science	Environment and Sustainability
295.	B.Sc. Physics	PH-349	Laboratory Course III (Project)	Environment and Sustainability
296.	M.Sc. Physics	PHCT-242	Materials Science	Environment and Sustainability
297.	M.Sc. Physics	PHCP-245	Practical Paper (Project)	Environment and Sustainability
298.	B. Sc. Chemistry	C-3	FYBSc: Chemistry Paper III (Practical Course)	Environment and Sustainability
299.	B. Sc. Chemistry	CH- 223	SYBSc: Chemistry Practical	Environment and Sustainability
300.	B. Sc. Chemistry	CH-347:	TYBSc: Physical Chemistry Practical	Environment and Sustainability
301.	B. Sc. Chemistry	CH-348:	TYBSc: Inorganic Chemistry Practical	Environment and Sustainability
302.	B. Sc. Chemistry	CH-349:	TYBSc: Organic Chemistry Practical	Environment and Sustainability
303.	M. Sc. Organic Chemistry	CHP-107	M.Sc. I Practical Course (Physical Chemistry)	Environment and Sustainability
304.	M. Sc. Organic Chemistry	CHI-127	M.Sc. I Practical Course (Inorganic Chemistry)	Environment and Sustainability

305.	M. Sc. Organic Chemistry	CHO-247	M.Sc. I Practical Course (Organic Chemistry)	Environment and Sustainability
306.	M. Sc. Analytical Chemistry	CHP-107	M.Sc. I Practical Course (Physical Chemistry)	Environment and Sustainability
307.	M. Sc. Analytical Chemistry	CHI-127	M.Sc. I Practical Course (Inorganic Chemistry)	Environment and Sustainability
308.	M. Sc. Analytical Chemistry	CHO-247	M.Sc. I Practical Course (Organic Chemistry)	Environment and Sustainability
309.	M. Sc. Organic Chemistry	CHO-347	Single Stage Preparations	Environment and Sustainability
310.	M. Sc. Organic Chemistry	CHO-447	Two Stage Preparations	Environment and Sustainability
311.	M. Sc. Organic Chemistry	CHO-448	Project/Industrial training/ Green Chemistry and Chemical Biology Experiments	Environment and Sustainability
312.	M. Sc. Analytical Chemistry	CHA-387	Analytical chemistry Practical Course –I	Environment and Sustainability
313.	M. Sc. Analytical Chemistry	CHA-487	Analytical Chemistry Practical Course-II	Environment and Sustainability
314.	M. Sc. Analytical Chemistry	CHA-488	Analytical Chemistry Practical Course-III	Environment and Sustainability
315.	B. Sc. Botany	BO-111	FYBSc Paper I Plant Diversity (Sem- I)	Environment and Sustainability
316.	B. Sc. Botany	BO- 111	FYBSc Paper I Plant Morphology and Anatomy (Sem-II)	Environment and Sustainability
317.	B. Sc. Botany	BO-211	SYBSc Paper I Taxonomy of Angiosperms and Plant community (Sem I)	Environment and Sustainability
318.	B. Sc. Botany	BO-212	SYBSc Paper II Plant Physiology (Sem I)	Environment and Sustainability
319.	B. Sc. Botany	BO- 331	TYBSc Paper I Cryptogamic Botany (Sem III)	Environment and Sustainability
320.	B. Sc. Botany	BO-334	TYBSc Paper IV Spermatophyta and Palaeobotany (Sem III)	Environment and Sustainability
321.	B. Sc. Botany	BO-342	TYBSc Paper II Plant Ecology and Biodiversity (Sem IV)	Environment and Sustainability
322.	B. Sc. Botany	BO-343	TYBSc Paper III Plant Pathology (Sem IV)	Environment and Sustainability
323.	B. Sc. Botany	BO-344	TYBSc Paper IV Medicinal and Economic Botany(Sem IV)	Environment and Sustainability
324.	M. Sc. Botany	BO 1.1	Cryptogamic Botany I	Environment and

			(Sem- I)	Sustainability
325.	M. Sc. Botany	BO 2.1	Cryptogamic Botany II (Sem- II)	Environment and Sustainability
326.	M. Sc. Botany	BO 2.4	Plant ecology and Phytogeography (Sem- II)	Environment and Sustainability
327.	M. Sc. Botany	BO 3.1	Spermatophytic Botany (Sem- III)	Environment and Sustainability
328.	M. Sc. Botany	BO 3.2	Developmental Botany and Palynology (Sem- III)	Environment and Sustainability
329.	M. Sc. Botany	Bo 3.4 Special Paper I	Advanced Mycology	Environment and Sustainability
330.	M. Sc. Botany	BO 4.2	Plant Organism Interaction (Sem- IV)	Environment and Sustainability
331.	M. Sc. Botany	BO 4.4	Plant Pathology (Sem- IV)	Environment and Sustainability
332.	B. Sc. Zoology	ZY 334	TYBSc: Environmental Biology and Toxicology (Sem III)	Environment and Sustainability

List of Courses addresses crosscutting issues as per new syllabus (CBCS- 2019 Pattern)

Sr. No.	Programme Name	Course code	Name of Course	Addressed issue (Professional Ethics, Gender, Human Values, Environment and Sustainability)
1.	All UG Programmes		Democracy, Election and Governance	Professional Ethics
2.	All PG Programmes		Human rights- I	Professional Ethics
3.	All PG Programmes		Human rights- I	Professional Ethics
4.	All PG Programmes		Cyber Security-I	Professional Ethics
5.	All PG Programmes		Cyber Security-II	Professional Ethics
6.	All PG Programmes		Cyber Security-III	Professional Ethics
7.	All PG Programmes		Cyber Security-IV	Professional Ethics
8.	All PG Programmes		Skill Development-I	Professional Ethics
9.	All PG Programmes		Skill Development-II	Professional Ethics
10.	All PG Programmes		Introduction to Constitution	Professional Ethics
11.	B. A. English	C3	FY. FE. Paper-I- An Introduction to English Language and Writing Skills in English.	Professional Ethics
12.	B. A. English	C4	FY. FE. Paper-II- Oral Communication in English.	Professional Ethics
13.	B. A. English	FE III	SY. FE. Paper-III: Advanced Writing Skill and Introduction to Electronic Media.	Professional Ethics
14.	B. A. English	FE IV	SY. FE. Paper-IV: Oral Communication in English, Intermediate 7Key Competency Modules.	Professional Ethics
15.	B. A. English	FE V	FE V- Introduction to Print Media and Writing for Mass Media and Key Competency Modules 36851	Professional Ethics
16.	B. A. English	FE VI	FE VI Entrepreneurship Development, Project Report & Oral Communication in English: Advanced (Practical Paper) 36852	Professional Ethics
17.	B. A. English	AECC	SYBSC (Computer Science) ENGLISH (Ability Enhancement Compulsory Course-AECC)	Professional Ethics

18.	B. A. English	C1	F. Y. B. A Compulsory English	Professional Ethics
19.	B. A. English	C1	S. Y. B. A. Compulsory English (Core Course-CC)	Professional Ethics
20.	B. A. English	AECC	S. Y. B. Com Compulsory English	Professional Ethics
21.	B. A. Marathi	CC-1C	भाषिक कौशल्य आणि आधुनिक मराठी साहित्य कादंबरी	Professional Ethics
22.	M. A. Marathi	CC-1	भाषा व्यवहार आणि भाषिक कौशल्य भाग १	Professional Ethics
23.	M. A. Marathi	CC-9	प्रसार माध्यमांसाठी लेखन कौशल्य भाग १	Professional Ethics
24.	B. A. Geography	SEC-2B	(Value/skill based course) IV SEC 2 B Applied Course of Travel and Tourism Geography	Professional Ethics
25.	B. A. Geography	SEC- 2C	(Value/skill based Course) SEC 2C Research Methodology – I	Professional Ethics
26.	B. A. Geography	SEC- 2D	Value/skill based course) SEC 2 D Research Methodology – II	Professional Ethics
27.	M.A. /M.Sc. Geography	GGDT130	Geography of Tourism	Professional Ethics
28.	M.A. /M.Sc. Geography	GGUT 251	Research Methodology	Professional Ethics
29.	B. A. Economics	S3	International Economics-I	Professional Ethics
30.	B. A. Economics	SEC-2C	SSE Business Management- I	Professional Ethics
31.	B. A. Political Science	11161	Introduction to Indian Constitution -	Professional Ethics
32.	B. A. Political Science	11162	Introduction to Indian Constitution -	Professional Ethics
33.	B. A. Political Science	SEC 2A	Basics of Indian Constitution	Professional Ethics
34.	B. A. Political Science	DSE-2A	Political Journalism	Professional Ethics
35.	B. A. Political Science	SEC 2B	Basics of Indian Constitution	Professional Ethics
36.	B. A. Political Science	DSE-2B	Political Journalism	Professional Ethics
37.	B. A. Political Science	CC-1 E	Local Self Government in Maharashtra -	Professional Ethics
38.	B. A. Political Science	DSE 1 C	Public Administration	Professional Ethics
39.	B. A. Political Science	DSE 2 C	International Relations	Professional Ethics
40.	B. A. Political Science	CC-2 E	Local Self Government in Maharashtra	Professional Ethics
41.	B. A. Political Science	DSE 1 D	Public Administration	Professional Ethics
42.	B. A. Political Science	DSE 2 D	International Relations	Professional Ethics
43.	B. Com	116(C)	Marketing and Salesmanship	Professional Ethics
44.	B. Com	231	Business Communication	Professional Ethics
45.	B. Com	354	Audit and Taxation	Professional Ethics

46.	B. B. A. Computer Application	CA-101	Business Communication	Professional Ethics
47.	B. B. A. Computer Application	CA-102	Principles of Management	Professional Ethics
48.	B. B. A. Computer Application	CA-103	C Language	Professional Ethics
49.	B. B. A. Computer Application	CA-104	Database Management System	Professional Ethics
50.	B. B. A. Computer Application	CA-106	Computer Laboratory Based on 103 &104	Professional Ethics
51.	B. B. A. Computer Application	CA-201	Organization Behaviour & Human Resource Management	Professional Ethics
52.	B. B. A. Computer Application	CA-202	Financial Accounting	Professional Ethics
53.	B. B. A. Computer Application	CA-204	Relational database	Professional Ethics
54.	B. B. A. Computer Application	CA-205	Web Technology HTML-JS-CSS	Professional Ethics
55.	B. B. A. Computer Application	CA-206	Computer Laboratory Based on 204 & 205	Professional Ethics
56.	B. B. A. Computer Application	CA-301	Digital Marketing	Professional Ethics
57.	B. B. A. Computer Application	CA-302	Data Structure	Professional Ethics
58.	B. B. A. Computer Application	CA-303	Software Engineering	Professional Ethics
59.	B. B. A. Computer Application	CA-304	Angular JS	Professional Ethics
60.	B. B. A. Computer Application	CA-305	Big data	Professional Ethics
61.	B. B. A. Computer Application	CA-306	Computer Laboratory Based on 302 , 304 and 305	Professional Ethics
62.	B. B. A. Computer Application	CA-401	Networking	Professional Ethics
63.	B. B. A. Computer Application	CA-402	Object Oriented Concepts Through CPP	Professional Ethics
64.	B. B. A. Computer Application	CA-403	Operating System	Professional Ethics
65.	B. B. A. Computer Application	CA-404	NODE JS	Professional Ethics
66.	B. B. A. Computer Application	CA-405	Project	Professional Ethics
67.	B. B. A. Computer Application	CA-406	Computer Laboratory Based on 402,404	Professional Ethics
68.	B. B. A. Computer Application	CA-501	Cyber Security	Professional Ethics
69.	B. B. A. Computer Application	CA-502	OOSE	Professional Ethics

70.	B. B. A. Computer Application	CA-503	Core Java	Professional Ethics
71.	B. B. A. Computer Application	CA-504	Python	Professional Ethics
72.	B. B. A. Computer Application	CA-505	Project	Professional Ethics
73.	B. B. A. Computer Application	CA-506	Computer Laboratory Based on 503 and 504	Professional Ethics
74.	B. B. A. Computer Application	CA-601	Recent Trends in Information Technology	Professional Ethics
75.	B. B. A. Computer Application	CA-602	Software Testing	Professional Ethics
76.	B. B. A. Computer Application	CA-603	Advanced Java	Professional Ethics
77.	B. B. A. Computer Application	CA-604	Android Programming	Professional Ethics
78.	B. B. A. Computer Application	CA-605	Project	Professional Ethics
79.	B. B. A. Computer Application	CA-606	Computer Laboratory Based on 603 and 604	Professional Ethics
80.	B. Sc. Physics	PHY-232	Electronics-I	Professional Ethics
81.	B. Sc. Physics	PHY-355	Computational Physics	Professional Ethics
82.	B. Sc. Physics	PHY-359	Project-I	Professional Ethics
83.	B. Sc. Physics	PHY-356(B)	Elements of Materials Science	Professional Ethics
84.	B. Sc. Physics	PHY-3510(H)	Python Programming	Professional Ethics
85.	B. Sc. Physics	PHY-3511(L)	Physics Workshop Skill	Professional Ethics
86.	B. Sc. Physics	PHY-365	Electronics-II	Professional Ethics
87.	B. Sc. Physics	PHY-3610(X)	Solar PV System: Installation, Repairing and Maintenance	Professional Ethics
88.	B. Sc. Physics	PHY-3611(AC)	Radiation Physics	Professional Ethics
89.	B. Sc. Physics	PHY-369	Project-II	Professional Ethics
90.	B. Sc. Physics	PHCT-113	Electronics	Professional Ethics
91.	B. Sc. Physics	PHCP-235	Physics Laboratory III	Professional Ethics
92.	B. Sc. Physics	PHOT-234	M4 Material Science - I	Professional Ethics
93.	B. Sc. Physics	PHOT-244	M4 Material Science - II	Professional Ethics
94.	B. Sc. Physics	PHCP-245	Project	Professional Ethics
95.	B. Sc. Chemistry	CH-103	Chemistry Practical- I	Professional Ethics
96.	B. Sc. Chemistry	CH-203	Chemistry Practical –II	Professional Ethics
97.	B. Sc. Chemistry	CH-303	Chemistry Practical - III	Professional Ethics
98.	B. Sc. Chemistry	CH-403	Chemistry Practical - IV	Professional Ethics
99.	B. Sc. Chemistry	CH-503	Physical Chemistry Practical's	Professional Ethics
100.	B. Sc. Chemistry	CH-506	Inorganic Chemistry Practical's	Professional Ethics
101.	B. Sc. Chemistry	CH-509	Organic Chemistry Practical's	Professional Ethics

102.	B. Sc. Chemistry	CH-603	Physical Chemistry Practical's	Professional Ethics
103.	B. Sc. Chemistry	CH-606	Inorganic Chemistry Practical's	Professional Ethics
104.	B. Sc. Chemistry	CH-609	Organic Chemistry Practical's	Professional Ethics
105.	M. Sc. Organic Chemistry	CHG-190	Introduction to Chemical Biology-I	Professional Ethics
106.	M. Sc. Organic Chemistry	CHP-107	Basic Practical Chemistry-I	Professional Ethics
107.	M. Sc. Organic Chemistry	CHG-290	Introduction to Chemical Biology-II	Professional Ethics
108.	M. Sc. Organic Chemistry	CHP-227	Basic Practical Chemistry-II	Professional Ethics
109.	M. Sc. Analytical Chemistry	CHG-190	Introduction to Chemical Biology-I	Professional Ethics
110.	M. Sc. Analytical Chemistry	CHP-107	Basic Practical Chemistry-I	Professional Ethics
111.	M. Sc. Analytical Chemistry	CHG-290	Introduction to Chemical Biology-II	Professional Ethics
112.	M. Sc. Analytical Chemistry	CHP-227	Basic Practical Chemistry-II	Professional Ethics
113.	M. Sc. Organic Chemistry	CHO-354	Practical I: Solvent Free Organic Synthesis	Professional Ethics
114.	M. Sc. Organic Chemistry	CHO-454	Practical II: Convergent and Divergent Organic Syntheses.	Professional Ethics
115.	M. Sc. Analytical Chemistry	CHA-394	Practical I: Basics of Instrumental Methods of Chemical Analysis	Professional Ethics
116.	M. Sc. Analytical Chemistry	CHA-494	Practical II: Applied Analytical Chemistry Practical	Professional Ethics
117.	B. Sc. Botany	BO.344	Medicinal and Economic Botany	Professional Ethics
118.	B. Sc. Botany	BO – 112	Plant Morphology and Anatomy	Professional Ethics
119.	B. Sc. Botany	BO - 113	Practical Based on BO- 111 & BO- 112	Professional Ethics
120.	B. Sc. Botany	BO - 121	Plant Life and Utilization-II	Professional Ethics
121.	B. Sc. Botany	BO - 122	Principles of Plant Science	Professional Ethics
122.	B. Sc. Botany	BO - 123	Practical Based on BO- 121 & BO- 122	Professional Ethics
123.	B. Sc. Botany	BO - 232	Plant Physiology	Professional Ethics
124.	B. Sc. Botany	BO – 241	Plant Anatomy and Embryology	Professional Ethics
125.	B. Sc. Botany	BO – 242	Plant Biotechnology	Professional Ethics
126.	B. Sc. Botany	BO – 243	Practical based on BO 241 & BO 242	Professional Ethics
127.	B. Sc. Botany	BO – 357	Practical Based on BO 351 & BO 352	Professional Ethics

128.	B. Sc. Botany	BO – 358	Practical Based on BO 353 & BO 354	Professional Ethics
129.	B. Sc. Botany	BO – 359	Practical Based on BO 355 & BO 356	Professional Ethics
130.	B. Sc. Botany	BO 363	Plant Pathology	Professional Ethics
131.	B. Sc. Botany	BO 364	Evolution and Population genetics	Professional Ethics
132.	B. Sc. Botany	BO 366	Plant Breeding and Seed Technology	Professional Ethics
133.	B. Sc. Botany	BO 367	Practical based on BO 361 & BO 362	Professional Ethics
134.	B. Sc. Botany	BO 368	Practical based on BO 363 & BO 364	Professional Ethics
135.	B. Sc. Botany	BO 369	Practical based on BO 365 & BO 366	Professional Ethics
136.	B. Sc. Botany	BO 3610	Nursery and Gardening Management	Professional Ethics
137.	B. Sc. Botany	BO 3611	Biofertilizers	Professional Ethics
138.	M. Sc. Botany	BOUT 112	Botany Theory Paper 2- Cell Biology and Evolution	Professional Ethics
139.	M. Sc. Botany	BOUT 113	Botany Theory Paper 3- Cytogenetics and Plant Breeding	Professional Ethics
140.	M. Sc. Botany	BODT 114	Botany Theory Paper 4- a) Biofertilizer and Algal Technology	Professional Ethics
141.	M. Sc. Botany	BODP 114	Botany Practical Paper 4-based on BO 114	Professional Ethics
142.	M. Sc. Botany	BOUP 115	Botany Practical Paper based on BOUT 111, BOUT 112 and BOUT 113	Professional Ethics
143.	M. Sc. Botany	BOUT 231	Botany Theory Paper 1- Computational Botany	Professional Ethics
144.	M. Sc. Botany	BOUT 122	Botany Theory Paper 2- Molecular Biology	Professional Ethics
145.	M. Sc. Botany	BOUT 123	Botany Theory Paper 3- Biochemistry	Professional Ethics
146.	M. Sc. Botany	BODT 124	Botany Theory Paper 4- a. Floriculture and Nursery Management	Professional Ethics
147.	M. Sc. Botany	BODP 124	Botany Practical paper 4-based on BODP 124	Professional Ethics
148.	M. Sc. Botany	BOUP 125	Botany Practical paper based on BOUT 121, BOUT 122 and BOUT 123	Professional Ethics
149.	M. Sc. Botany	BOUT 233	Botany Theory Paper 3- Plant Physiology	Professional Ethics
150.	M. Sc. Botany	BODT 234	Botany Theory Paper 4 a. Mycology	Professional Ethics

151.	M. Sc. Botany	BODP 234	Botany Practical Paper based on BODT 234	Professional Ethics
152.	M. Sc. Botany	BOUP 235	Botany Practical Paper based on BOUT 231, BOUT 232, BOUT 233	Professional Ethics
153.	M. Sc. Botany	BOUT 241	Botany Theory Paper 1- Botanical Techniques	Professional Ethics
154.	M. Sc. Botany	BODT 243	a) Applied Mycology	Professional Ethics
155.	M. Sc. Botany	BODP 243	Botany Practical paper based on BODT 243 BODT b) Herbal Technology	Professional Ethics
156.	M. Sc. Botany	BODP 244	Botany Practical Paper based on BODT 244 Or PG Dissertation based on BODT 244	Professional Ethics
157.	M. Sc. Botany	BOUP 245	Botany Practical paper based on BOUT 241 and BOUT 242	Professional Ethics
158.	B. Sc. Mathematics	MT-113	Mathematics Practical	Professional Ethics
159.	B. Sc. Mathematics	MT-123	Mathematics Practical	Professional Ethics
160.	B. Sc. Mathematics	MT232(A)	Numerical Methods and Its Applications	Professional Ethics
161.	B. Sc. Mathematics	MT-232(B)	Graph Theory	Professional Ethics
162.	B. Sc. Mathematics	MT-233	Mathematics Practical based on MT - 231 and MT - 232	Professional Ethics
163.	B. Sc. Mathematics	MT-242(B)	Dynamical Systems	Professional Ethics
164.	B. Sc. Mathematics	MT-243	Mathematics Practical based on MT - 241 and MT-242	Professional Ethics
165.	B. Sc. Mathematics	MT 355(A)	Operations Research	Professional Ethics
166.	B. Sc. Mathematics	MT 355(C)	C- Programming	Professional Ethics
167.	B. Sc. Mathematics	MT356(A)	Machine Learning-I	Professional Ethics
168.	B. Sc. Mathematics	MT 356(B)	Number Theory	Professional Ethics
169.	B. Sc. Mathematics	MT 356(C)	Laplace Transform and Fourier Series	Professional Ethics
170.	B. Sc. Mathematics	MT 357	Practical Course Lab-1 (on Metric Space and Real Analysis-I)	Professional Ethics
171.	B. Sc. Mathematics	MT 358	Practical Course Lab-II(on Group Theory and Ordinary Differential equations)	Professional Ethics
172.	B. Sc. Mathematics	MT 359	Practical Course Lab-III (on DSE-3A and DSE-3B)	Professional Ethics
173.	B. Sc. Mathematics	MT -3510	Programming in Python-I	Professional Ethics
174.	B. Sc. Mathematics	MT-3511	LaTeX for Scientific Writing	Professional Ethics
175.	B. Sc. Mathematics	MT 365(A)	Optimization Techniques	Professional Ethics
176.	B. Sc. Mathematics	MT 365(B)	Calculus of Variation and Classical Mechanics	Professional Ethics
177.	B. Sc. Mathematics	MT 365(C)	Financial Mathematics	Professional Ethics
178.	B. Sc. Mathematics	MT366(A)	Machine Learning-II	Professional Ethics

179.	B. Sc. Mathematics	MT 366(B)	Computational Geometry	Professional Ethics
180.	B. Sc. Mathematics	MT366(C)	Lebesgue Integration	Professional Ethics
181.	B. Sc. Mathematics	DSE-4MT 367	Practical Course Lab-1 (on Complex Analysis and Real Analysis-II)	Professional Ethics
182.	B. Sc. Mathematics	MT 368	Practical Course Lab-II (on Ring Theory and Partial Differential Equations)	Professional Ethics
183.	B. Sc. Mathematics	MT 369	Practical Course Lab-III (on DSE-6A and DSE-6B)	Professional Ethics
184.	B. Sc. Mathematics	SEC-III MT 3610	Programming in Python-II	Professional Ethics
185.	B. Sc. Mathematics	SEC-IVMT 3611	Mathematics into LaTeX	Professional Ethics
186.	M.Sc. Mathematics	MTUT 114	Advance Calculus	Professional Ethics
187.	M.Sc. Mathematics	MTUT 124	Advance Numerical Analysis	Professional Ethics
188.	M.Sc. Mathematics	MTUT 133	Programming with Python	Professional Ethics
189.	M.Sc. Mathematics	MTUTO 134	. Discrete Mathematics	Professional Ethics
190.	M.Sc. Mathematics	MTUTO 135	Mechanics	Professional Ethics
191.	M.Sc. Mathematics	MTUTO 136	Advanced Complex Analysis	Professional Ethics
192.	M.Sc. Mathematics	MTUTO 137	Integral Equations	Professional Ethics
193.	M.Sc. Mathematics	MTUTO 138	Differential Manifolds	Professional Ethics
194.	M.Sc. Mathematics	MTUT 141:	Fourier Series and Boundary Value Problems	Professional Ethics
195.	M.Sc. Mathematics	MTUT 142	Differential Geometry	Professional Ethics
196.	M.Sc. Mathematics	MTUT 143	Introduction to Data Science	Professional Ethics
197.	M.Sc. Mathematics	MTUTO 144	Number Theory	Professional Ethics
198.	M.Sc. Mathematics	MTUTO 147	Coding Theory	Professional Ethics
199.	M.Sc. Mathematics	MTUTO 148	Probability and Statistics	Professional Ethics
200.	B. Sc. Computer Science	CS-111	Problem Solving Using Computer And 'C' Programming	Professional Ethics
201.	B. Sc. Computer Science	CS-112	Database Management Systems	Professional Ethics
202.	B. Sc. Computer Science	CS-113	Practical Course Based On CS101 And CS102	Professional Ethics
203.	B. Sc. Computer Science	CS-121	Advanced 'C' Programming	Professional Ethics
204.	B. Sc. Computer Science	CS-122	Relational Database Management Systems	Professional Ethics

205.	B. Sc. Computer Science	CS-123	Practical Course Based On CS201 And CS202	Professional Ethics
206.	B. Sc. Computer Science	ELC-113	Electronics Lab Ia	Professional Ethics
207.	B. Sc. Computer Science	ELC-123	Electronics Lab Ib	Professional Ethics
208.	B. Sc. Computer Science	MTC-113	Mathematics Practical	Professional Ethics
209.	B. Sc. Computer Science	MT-233	Mathematics Practical	Professional Ethics
210.	B. Sc. Computer Science	CSST-113	Statistics Practical	Professional Ethics
211.	B. Sc. Computer Science	CSST-233	Statistics Practical	Professional Ethics
212.	B. Sc. Computer Science	CS-231	Data Structures And Algorithms – I	Professional Ethics
213.	B. Sc. Computer Science	CS-232	Software Engineering	Professional Ethics
214.	B. Sc. Computer Science	CS-233	Practical Course Based On CS301	Professional Ethics
215.	B. Sc. Computer Science	CS-241	Data Structures And Algorithms – II	Professional Ethics
216.	B. Sc. Computer Science	CS-242	Computer Networks – I	Professional Ethics
217.	B. Sc. Computer Science	CS-243	Practical Course Based On CS401	Professional Ethics
218.	B. Sc. Computer Science	MTC-233	Mathematics Practical: Python Programming Language-I	Professional Ethics
219.	B. Sc. Computer Science	MTC-243	Mathematics Practical: Python Programming Language-II	Professional Ethics
220.	B. Sc. Computer Science	MTC-233	Mathematics Practical: Python Programming Language-I	Professional Ethics
221.	B. Sc. Computer Science	MTC-243	Mathematics Practical: Python Programming Language-II	Professional Ethics
222.	B. Sc. Computer Science	ELC-233	Practical Course I	Professional Ethics
223.	B. Sc. Computer Science	ELC-243	Practical Course III	Professional Ethics
224.	B. Sc. Computer Science	CS-351	Operating Systems –I	Professional Ethics
225.	B. Sc. Computer Science	CS-352	Computer Networks –II	Professional Ethics
226.	B. Sc. Computer Science	CS-357	Practical Course Based On CS501	Professional Ethics
227.	B. Sc. Computer Science	CS-353	Web Technologies – I	Professional Ethics

228.	B. Sc. Computer Science	CS-354	Foundations Of Data Science	Professional Ethics
229.	B. Sc. Computer Science	CS-358	Practical Course Based On CS503	Professional Ethics
230.	B. Sc. Computer Science	CS-355	Object Oriented Programming – I (Core Java)	Professional Ethics
231.	B. Sc. Computer Science	CS-356	Theoretical Computer Science And Compiler Construction – I	Professional Ethics
232.	B. Sc. Computer Science	CS-359	Practical Course Based On CS505	Professional Ethics
233.	B. Sc. Computer Science	CS-3510	Python Programming / R Programming	Professional Ethics
234.	B. Sc. Computer Science	CS-361	Operating Systems – II	Professional Ethics
235.	B. Sc. Computer Science	CS-362	Software Testing	Professional Ethics
236.	B. Sc. Computer Science	CS-367	Practical Course Based On CS601	Professional Ethics
237.	B. Sc. Computer Science	CS-363	Web Technologies – II	Professional Ethics
238.	B. Sc. Computer Science	CS-364	Data Analytics	Professional Ethics
239.	B. Sc. Computer Science	CS-368	Practical Course Based On CS603 And CS604	Professional Ethics
240.	B. Sc. Computer Science	CS-365	Object Oriented Programming – II (Advanced Java)	Professional Ethics
241.	B. Sc. Computer Science	CS-366	Theoretical Computer Science And Compiler Construction - II	Professional Ethics
242.	B. Sc. Computer Science	CS-369	Practical Course Based On CS605	Professional Ethics
243.	B. Sc. Computer Science	CS-3610	Mobile Application Development Or Software Testing Tools	Professional Ethics
244.	B. Sc. Computer Science	CS-3611	Project	Professional Ethics
245.	M. Sc. Computer Science	CSUT111	Paradigm Of Programming Language	Professional Ethics
246.	M. Sc. Computer Science	CSUT 112	Design And Analysis Of Algorithms	Professional Ethics
247.	M. Sc. Computer Science	CSUT 113	Database Technologies	Professional Ethics
248.	M. Sc. Computer Science	CSDT114C	Web Services	Professional Ethics
249.	M. Sc. Computer Science	CSDT 114C	Web Services Practical	Professional Ethics
250.	M. Sc. Computer Science	CSUP115	PPL And Database Technologies Practical	Professional Ethics

251.	M. Sc. Computer Science	CSUT 121	Advanced Operating System	Professional Ethics
252.	M. Sc. Computer Science	CSUT 122	Mobile Technologies	Professional Ethics
253.	M. Sc. Computer Science	CSUT123	Software Project Management	Professional Ethics
254.	M. Sc. Computer Science	CSDT124A	Project	Professional Ethics
255.	M. Sc. Computer Science	CSDP124A	Project Related Assignments	Professional Ethics
256.	M. Sc. Computer Science	CSUP125	Practical On Advanced OS & Mobile Technologies	Professional Ethics
257.	M. Sc. Computer Science	CSUT231	Software Architecture And Design Patterns	Professional Ethics
258.	M. Sc. Computer Science	CSUT232	Machine Learning	Professional Ethics
259.	M. Sc. Computer Science	CSUT233	Web Frameworks	Professional Ethics
260.	M. Sc. Computer Science	CSDT234C	Project	Professional Ethics
261.	M. Sc. Computer Science	CSDP234C	Project Related Assignments	Professional Ethics
262.	M. Sc. Computer Science	CSUP235	Practical On CSUT231, CSUT232 And CSUT233	Professional Ethics
263.	M. Sc. Computer Science	CSUIT241	Industrial Training /Institutional Project	Professional Ethics
264.	B.Voc.Software Development	BVSWC 102	Web Designing	Professional Ethics
265.	B.Voc.Software Development	BVSWC 203	OOP's With Java	Professional Ethics
266.	B.Voc.Software Development	SDT-34	PHP-I	Professional Ethics
267.	B.Voc.Software Development	SDT-42	Digital Electronics and Microprocessor	Professional Ethics
268.	B.Voc.Software Development	SDT-44	PHP-II	Professional Ethics
269.	B.Voc.Software Development	SDT-52	Core JAVA	Professional Ethics
270.	B.Voc.Software Development	SDT-53	C# .NET	Professional Ethics
271.	B.Voc.Software Development	SDT-54	Python	Professional Ethics
272.	B.Voc.Software Development	SDT-62	Advance JAVA	Professional Ethics
273.	B.Voc.Software Development	SDT-63	ASP .NET	Professional Ethics

274.	B.Voc.Software Development	SDT-64	Android Programming	Professional Ethics
275.	B.Voc.RETM	RET 1-2	Basic Electronics	Professional Ethics
276.	B.Voc.RETM	RET 2-2	Application of Solar Energy	Professional Ethics
277.	B.Voc.RETM	RET 4-2	Solar Photovoltaic System : Design and Integration	Professional Ethics
278.	B.Voc.RETM	RET 4-3	Solar Photovoltaic System : Installation and Maintained	Professional Ethics
279.	B.Voc.RETM	RET 5-3	Introduction to PV Software's	Professional Ethics
280.	B.Voc.RETM	RET 6-3	Entrepreneurship Skills	Professional Ethics
281.	All UG Programmes		Democracy, Election and Governance	Gender
282.	All PG Programmes		Introduction to Constitution	Gender
283.	All PG Programmes		Human rights- I	Gender
284.	M. A. English	1.1	English Literature from 1550 to 1798	Gender
285.	M. A. English	1.2	English Literature from 1798 to the Present	Gender
286.	M. A. English	1.3	Contemporary Studies in English Language	Gender
287.	M. A. English	1.4	Literary Criticism and Theory	Gender
288.	M. A. English	3.1:	Indian Writing in English	Gender
289.	M. A. English	3.3	Cultural Studies	Gender
290.	M. A. English	3.7	Pragmatics and Digital Humanities	Gender
291.	M. A. English	3.8	World Literature in English	Gender
292.	B.A English	AECC	F. Y. B. Com Compulsory	Gender
293.	B. A. History	CC-2(3)	History of Maratha:1630 to 1707	Gender
294.	B. A. Geography	Gg: 220(A)	Population Geography – I	Gender
295.	B. A. Geography	Gg: 220(B)	Population Geography – II	Gender
296.	M.A. /M.Sc. Geography	GGDT-114	Principles of Population and Settlement Geography	Gender
297.	B. A. Political Science	11161	Introduction to Indian Constitution	Gender
298.	B. A. Political Science	11162	II Introduction to Indian Constitution	Gender
299.	B. A. Political Science	CC-1 C	An Introduction to Political Ideology	Gender
300.	B. A. Political Science	SEC 2A	Basics of Indian Constitution	Gender
301.	B. A. Political Science	DSE-1A	Western Political Thought	Gender
302.	B. A. Political Science	DSE-2A	Political Journalism	Gender
303.	B. A. Political Science	CC-1 C	An Introduction to Political Ideology	Gender
304.	B. A. Political Science	SEC 2A	Basics of Indian Constitution	Gender
305.	B. A. Political Science	DSE-1B	Western Political Thought	Gender
306.	B. A. Political Science	DSE-2B	Political Journalism	Gender

307.	B. A. Political Science	CC-1 E	Local Self Government in Maharashtra -	Gender
308.	B. A. Political Science	DSE 1 C	Public Administration	Gender
309.	B. A. Political Science	CC-2 E	Local Self Government in Maharashtra	Gender
310.	All UG		Democracy, Election and Governance	Human Values
311.	All PG		Cyber Security-I	Human Values
312.	All PG		Cyber Security-II	Human Values
313.	All PG		Cyber Security-III	Human Values
314.	All PG		Cyber Security-IV	Human Values
315.	All PG -I		Human Rights	Human Values
316.	All PG		Introduction to Indian Constitution	Human Values
317.	B.A. English	35334	SEC-2A and SEC-2D Mastering Life Skills and Life Values	Human Values
318.	M. A. English	1.1	English Literature from 1550 to 1798	Human Values
319.	M. A. English	1.2	English Literature from 1798 to the Present	Human Values
320.	M. A. English	1.3	Contemporary Studies in English Language	Human Values
321.	M. A. English	1.4	Literary Criticism and Theory	Human Values
322.	M. A. English	3.1	Indian Writing in English	Human Values
323.	M. A. English	3.3	Cultural Studies	Human Values
324.	M. A. English	3.7	Pragmatics and Digital Humanities	Human Values
325.	M. A. English	3.8	World Literature in English	Human Values
326.	B. A. Marathi	DSE1A	आधुनिक मराठी साहित्य	Human Values
327.	B. A. Marathi	DSE 1 D	मध्ययुगीन मराठी वाङ्मयचा स्थूल इतिहास : १६०१ ते १८१७ [DSE 1 D (3+1)]	Human Values
328.	B. A. Marathi	DSE 1 C	मध्ययुगीन मराठी वाङ्मयचा स्थूल इतिहास : प्रारंभ ते १६०० [DSE1C(3+1)]	Human Values
329.	B. A. Marathi	DSE 2 C	वर्णात्मक भाषाविज्ञान भाग १ [DSE2C (3)+1]	Human Values
330.	B. A. Marathi	DSE 2 D	वर्णात्मक भाषाविज्ञान भाग २ [DSE 2 D (3) +1]	Human Values
331.	B. A. Hindi	G1 11091B	वैकल्पिक हिंदी प्रश्नपत्र	Human Values
332.	B. A. Hindi	CC-1C (G2)	आधुनिक काव्य,कहानी तथा व्यवहारिक हिंदी	Human Values

333.	B. A. Hindi	DSE-2A (S-2)	मध्ययुगीन काव्य तथा उपन्यास साहित्य	Human Values
334.	B. A. Hindi	CC-1D (G2)	आधुनिक हिंदी व्यंग साहित्य तथा व्यवहारिक हिंदी	Human Values
335.	B. A. Hindi	DSE-2B (S-2)	मध्ययुगीन काव्य तथा नाटक साहित्य S2	Human Values
336.	B. A. Hindi	SEC-2B	SEC माध्यम लेखन	Human Values
337.	B. A. Hindi	CC -1 E (G3)	कथेतर विधाए	Human Values
338.	B. A. Hindi	DSE 2 C (S4)	भाषा विज्ञान S4	Human Values
339.	B. A. Hindi	SEC 2 C	SEC पटकथा लेखन	Human Values
340.	B. A. Hindi	CC - 1 F (G3)	गजल विधा और पत्राचार	Human Values
341.	B. A. Hindi	DSE 1 C (S3)	हिंदी साहित्य का इतिहास	Human Values
342.	B. A. Hindi	SEC 2 D	SEC साहित्य और फिल्मांतरण	Human Values
343.	B. A. History	CC-1(3)	History of Maratha:1630 to 1707	Human Values
344.	M.A. /M.Sc. Geography	GGUT239	Geography of Rural Development	Human Values
345.	B. Sc. Botany	BO – 3510	Medicinal Botany	Human Values
346.	B. Sc. Botany	BO – 355	Cell and Molecular Biology	Human Values
347.	B. Sc. Botany	BO – 356	Genetics	Human Values
348.	B. Sc. Botany	BO.344	Medicinal and Economic Botany	Human Values
349.	ALL UG Programmes		EVS 231- Environment Awareness	Environment and Sustainability
350.	ALL PG Programmes		Human rights- I	Environment and Sustainability
351.	M. A. English	1.1	English Literature from 1550 to 1798	Environment and Sustainability
352.	M. A. English	1.2	English Literature from 1798 to the Present	Environment and Sustainability
353.	B.A. Geography	Gg: 210(A)	Environmental Geography I	Environment and Sustainability
354.	B.A. Geography	Gg: 210(B)	Environmental Geography- II	Environment and Sustainability
355.	B.A. Geography	SEC 2 A	(Value/skill based course) III Applied Course of Disaster Management	Environment and Sustainability
356.	B.A. Geography	Gg: 310(A)	Geography of Disaster Management-I	Environment and Sustainability

357.	B.A. Geography	Gg: 310(B)	VI CC1F Geography of Disaster Management-II	Environment and Sustainability
358.	M.A. /M.Sc. Geography	GGUT112	Principles of Climatology	Environment and Sustainability
359.	M.A. /M.Sc. Geography	GGUT 243	Watershed Management	Environment and Sustainability
360.	B. A. Economics	G1	Indian Economic Development- I	Environment and Sustainability
361.	B. A. Economics	G3	Indian Economic Environment	Environment and Sustainability
362.	B. A. Political Science	11161	Introduction to Indian Constitution -	Environment and Sustainability
363.	B. A. Political Science	11162	Introduction to Indian Constitution	Environment and Sustainability
364.	B. A. Political Science	CC-1 C	An Introduction to Political Ideology	Environment and Sustainability
365.	B. A. Political Science	SEC 2A	Basics of Indian Constitution	Environment and Sustainability
366.	B. A. Political Science	DSE-2A	Political Journalism	Environment and Sustainability
367.	B. A. Political Science	CC-1 D	An Introduction to Political Ideology	Environment and Sustainability
368.	B. A. Political Science	SEC 2B	Basics of Indian Constitution	Environment and Sustainability
369.	B. A. Political Science	DSE-2B	Political Journalism -	Environment and Sustainability
370.	B. A. Political Science	CC-1 E	Local Self Government in Maharashtra	Environment and Sustainability
371.	B. A. Political Science	SEC 2C	Samyukta Maharashtra Movement	Environment and Sustainability
372.	B. A. Political Science	DSE 1 C	Public Administration	Environment and Sustainability
373.	B. A. Political Science	DSE 2 C	International Relations	Environment and Sustainability
374.	B. A. Political Science	CC-2 E	Local Self Government in Maharashtra	Environment and Sustainability
375.	B. A. Political Science	SEC 2D	Samyukta Maharashtra Movement	Environment and Sustainability
376.	B. A. Political Science	DSE 1 D	Public Administration	Environment and Sustainability
377.	B. A. Political Science	DSE 2 D	International Relations	Environment and Sustainability
378.	B. Sc. Physics	PHY-356(B)	Elements of Materials Science	Environment and Sustainability
379.	B. Sc. Physics	PHY-359	Project-I	Environment and Sustainability
380.	B. Sc. Physics	PHY-369	Project-II	Environment and Sustainability

381.	M. Sc. Physics	PHOT-234M4	Material Science - I	Environment and Sustainability
382.	M. Sc. Physics	PHOT-244M4	Material Science - II	Environment and Sustainability
383.	M. Sc. Physics	PHCP-245	Project	Environment and Sustainability
384.	B. Sc. Chemistry	CH-103	Chemistry Practical- I	Environment and Sustainability
385.	B. Sc. Chemistry	CH-203	Chemistry Practical –II	Environment and Sustainability
386.	B. Sc. Chemistry	CH-303	Chemistry Practical - III	Environment and Sustainability
387.	B. Sc. Chemistry	CH-403	Chemistry Practical - IV	Environment and Sustainability
388.	B. Sc. Chemistry	CH-501	Physical Chemistry-I	Environment and Sustainability
389.	B. Sc. Chemistry	CH-502	Analytical Chemistry-I	Environment and Sustainability
390.	B. Sc. Chemistry	CH-503	Physical Chemistry Practical-I	Environment and Sustainability
391.	B. Sc. Chemistry	CH-504	Inorganic Chemistry-I	Environment and Sustainability
392.	B. Sc. Chemistry	CH-505	Industrial Chemistry	Environment and Sustainability
393.	B. Sc. Chemistry	CH-506	Inorganic Chemistry Practical-I	Environment and Sustainability
394.	B. Sc. Chemistry	CH-507	Organic Chemistry-I	Environment and Sustainability
395.	B. Sc. Chemistry	CH-508	Chemistry of Biomolecules	Environment and Sustainability
396.	B. Sc. Chemistry	CH-509	Organic Chemistry Practical-I	Environment and Sustainability
397.	B. Sc. Chemistry	CH-510	(A) Introduction of Medicinal Chemistry OR (B) Polymer Chemistry	Environment and Sustainability
398.	B. Sc. Chemistry	CH-511	(A) Environmental Chemistry OR (B) Chemo informatics	Environment and Sustainability
399.	B. Sc. Chemistry	CH-601	Physical Chemistry-II	Environment and Sustainability
400.	B. Sc. Chemistry	CH-602	Physical Chemistry -III	Environment and Sustainability
401.	B. Sc. Chemistry	CH-603	Physical Chemistry Practical-II	Environment and Sustainability
402.	B. Sc. Chemistry	CH-604	Inorganic Chemistry-II	Environment and Sustainability
403.	B. Sc. Chemistry	CH-605	Inorganic Chemistry-III	Environment and Sustainability

404.	B. Sc. Chemistry	CH-606	Inorganic Chemistry Practical-II	Environment and Sustainability
405.	B. Sc. Chemistry	CH-607	Organic Chemistry-II	Environment and Sustainability
406.	B. Sc. Chemistry	CH-608	Organic Chemistry-III	Environment and Sustainability
407.	B. Sc. Chemistry	CH-609	Organic Chemistry Practical-II	Environment and Sustainability
408.	B. Sc. Chemistry	CH-610	(A) Chemistry of Soil and Agrochemicals OR (B) Introduction of Forensic Chemistry	Environment and Sustainability
409.	B. Sc. Chemistry	CH-611	(A) Analytical Chemistry-II OR (B) Chemistry of Cosmetics and Perfumes	Environment and Sustainability
410.	M. Sc. Organic Chemistry	CHG-190	Introduction to Chemical Biology-I	Environment and Sustainability
411.	M. Sc. Organic Chemistry	CHP-107	Basic Practical Chemistry-I	Environment and Sustainability
412.	M. Sc. Organic Chemistry	CHG-290	Introduction to Chemical Biology-II	Environment and Sustainability
413.	M. Sc. Organic Chemistry	CHP-227	Basic Practical Chemistry-II	Environment and Sustainability
414.	M. Sc. Analytical Chemistry	CHG-190	Introduction to Chemical Biology-I	Environment and Sustainability
415.	M. Sc. Analytical Chemistry	CHP-107	Basic Practical Chemistry-I	Environment and Sustainability
416.	M. Sc. Analytical Chemistry	CHG-290	Introduction to Chemical Biology-II	Environment and Sustainability
417.	M. Sc. Analytical Chemistry	CHP-227	Basic Practical Chemistry-II	Environment and Sustainability
418.	M. Sc. Analytical Chemistry	CHO-354	Practical I: Solvent Free Organic Synthesis	Environment and Sustainability
419.	M. Sc. Organic Chemistry	CHO-354	Practical I: Solvent Free Organic Synthesis	Environment and Sustainability
420.	M. Sc. Organic Chemistry	CHO-450	Chemistry of Natural Products	Environment and Sustainability
421.	M. Sc. Organic Chemistry	CHO-452A	Medicinal Chemistry	Environment and Sustainability
422.	M. Sc. Organic Chemistry	CHO-453	Carbohydrates Synthesis and Isolation of Natural Products	Environment and Sustainability
423.	M. Sc. Organic Chemistry	CHO-454	Practical II: Convergent and Divergent Organic Syntheses.	Environment and Sustainability
424.	M. Sc. Analytical Chemistry	CHA-391	Analytical Method Development and Extraction Techniques	Environment and Sustainability

425.	M. Sc. Analytical Chemistry	CHA-393B	Analysis of Food and Controlled Substances	Environment and Sustainability
426.	M. Sc. Analytical Chemistry	CHA-394	Practical I: Basics of Instrumental Methods of Chemical Analysis	Environment and Sustainability
427.	M. Sc. Analytical Chemistry	CHA-491	Chemical Methods of Pharmaceuticals Analysis	Environment and Sustainability
428.	M. Sc. Analytical Chemistry	CHA-492A	Laboratory Automation and Environmental Analytical Chemistry	Environment and Sustainability
429.	M. Sc. Analytical Chemistry	CHA-493A	Optional Analytical Chemistry Practical	Environment and Sustainability
430.	M. Sc. Analytical Chemistry	CHA-494	Practical II: Applied Analytical Chemistry Practical	Environment and Sustainability
431.	B. Sc. Botany	BO - 111	Plant Life and Utilization-I	Environment and Sustainability
432.	B. Sc. Botany	BO - 231	Taxonomy of Angiosperms and Plant Ecology	Environment and Sustainability
433.	B. Sc. Botany	BO – 3511	Plant Diversity and Human Health	Environment and Sustainability
434.	B. Sc. Botany	BOUT 121	Botany Theory Paper 1-Plant Systematics II	Environment and Sustainability
435.	B. Sc. Botany	BO – 351	Algae and Fungi	Environment and Sustainability
436.	B. Sc. Botany	BO – 352	Archegoniate	Environment and Sustainability
437.	B. Sc. Botany	BO – 353	Spermatophyta and Paleobotany	Environment and Sustainability
438.	B. Sc. Botany	BO – 354	Plant Ecology	Environment and Sustainability
439.	B. Sc. Botany	BO 361	Plant Physiology	Environment and Sustainability
440.	B. Sc. Botany	BO 362	Biochemistry	Environment and Sustainability
441.	B. Sc. Botany	BO 365	Advanced Plant Biotechnology	Environment and Sustainability
442.	M. Sc. Botany	BOUT 111	Plant Systematics I	Environment and Sustainability
443.	M. Sc. Botany	BOUT 232	Developmental Botany	Environment and Sustainability
444.	M. Sc. Botany	BOUT 242	Advanced Plant Ecology	Environment and Sustainability
445.	B. Sc. Zoology	ZO-111	Animal Diversity I	Environment and Sustainability
446.	B. Sc. Zoology	ZO-112	Animal Ecology	Environment and Sustainability
447.	B. Sc. Zoology	ZO-121	Animal Diversity II	Environment and Sustainability

448.	B. Sc. Zoology	ZO-231	Animal Diversity III	Environment and Sustainability
449.	B. Sc. Zoology	ZO-232	Applied Zoology I	Environment and Sustainability
450.	B. Sc. Zoology	ZO-241	Animal Diversity IV	Environment and Sustainability
451.	B. Sc. Zoology	ZO-242	Applied Zoology II	Environment and Sustainability
452.	B. Sc. Zoology	ZO 3610	Environmental Impact Assessment	Environment and Sustainability
453.	B.Voc. RETM	RET 2-1	Sustainable Development and Energy	Environment and Sustainability
454.	B.Voc. RETM	RET 2-2	Application of Solar Energy	Environment and Sustainability
455.	B.Voc. RETM	RET 2-3	Bio Energy	Environment and Sustainability

Representative example:

a. Crosscutting issue: Professional Ethics

Syllabus

Programme Name: B. B. A. Computer Application

Course Code: CA-101

Course Name: Business Communication

Savitribai Phule Pune University, Pune

B.B.A. (Computer Application)

(Under faculty of Commerce & Management)

(To be implemented from Academic year 2019-20)

Business Communication Skills

Course Code: -- 101

Credit 3

Depth of the syllabus - Reasonable knowledge of the communication

Program objectives

- 1 To understand what is the role of communication in personal and business world
2. To understand system and communication and their utility
3. To develop proficiency in how to write business letters and other communications in required b

Unit No.	Contents	Lectures
1	1. Concept of Communication and Introduction to Communication 1.1 Role of Communication in social and economic system 1.2 Need for effective communication 1.3 Meaning and definition 1.4 Principles of effective communication 1.5 Barriers to communication and over comings	12
2	Methods and types of Communication 2.1 Written communication, 2.2 Forms of written communication. 2.3 Qualities ,difficulties in written communication , 2.4 Constraints in developing effective written communication 2.5 Merits and Limitations of written communication 2.6 Listening Written communication, 2.7 Forms of written communication. 2.8 Qualities, difficulties in written communication , 2.9 Constraints in developing effective written communication	12
3.	Business Correspondence 3.1 Concept , 3.2 Need and functions of Business .Correspondence , 3.3 Types of Business letters , 3.4 Layout Drafting of business , 3.5 Sales Letter , 3.6 Orders sales circulars and business promotion letters 3.7 written methods& types of communication	12
4.	Analysis of different Media of Communication 4.1 Fax communication ,	12

CBCS: 2019-2020

F.Y.B.Sc.

Computer Science

Chapter 3	SQL	9 Hours
3.1. Introduction to query languages 3.2. Basic structure 3.3. DDL Commands 3.4. DML Commands 3.5. Forms of a basic SQL query (Expression and strings in SQL) 3.6. Set operations 3.7. Aggregate Operators and functions 3.8. Date and String functions 3.9. Null values 3.10. Nested Subqueries 3.11 SQL mechanisms for joining relations (inner joins, outer joins and their types) 3.12 Views 3.13. Examples on SQL (case studies)		
Chapter 4	Relational Database Design	7 Hours
3.1. Introduction to Relational-Database Design (undesirable properties of a RDB design) 3.2. Functional Dependency(Basic concepts, F+, Closure of an Attribute set, Armstrong's axioms) 3.3. Concept of Decomposition 3.4. Desirable Properties of Decomposition (Lossless join, Lossy join, Dependency Preservation) 3.5. Concept of normalization, Normal Forms (1NF,2NF and 3NF), Examples 3.6 Keys Concept with Examples : Candidate Keys and Super Keys, Algorithm to find the super keys / primary key for a relation		
Reference Books:		
1. Database System Concepts, Henry F. Korth, Abraham Silberschatz, S.Sudarshan,ISBN:9780071289597,Tata McGraw-Hill Education 2. Database Management Systems ,RaghuRamakrishnan,ISBN:9780071254342,Mcgraw-hill higher Education 3. Database Management Systems, Raghu Ramakrishnan and Johannes Gehrke,McGraw-Hill Science/Engineering/Math; 3 edition, ISBN: 9780072465631 4. Database Systems, Shamkant B. Navathe, RamezElmasri,ISBN:9780132144988,PEARSON HIGHER EDUCATION 5. Beginning Databases with PostgreSQL: From Novice to Professional, Richard Stones, Neil Matthew, ISBN:9781590594780, Apress 6. PostgreSQL, Korry Douglas, ISBN:9780672327568, Sams 7. Practical PostgreSQL (B/CD),JohnWorsley, Joshua Drake,ISBN:9788173663925Shroff/O'reilly 8. Practical Postgresql , By Joshua D. Drake, John C Worsley (O'Reillypublications) 9. "An introduction to Database systems", Bipin C Desai, Galgotia Publications		

b. Crosscutting issue: Gender**Syllabus**

Programme Name: M.A. /M.Sc. Geography **Course Code: GGDT-114**
Course Name: Principles of Population and Settlement Geography

Course: GGDT-114 :Principles of Population and Settlements Geography

No. of Credits: 04 No. of Periods: 60

Topic No.	Topic	Sub topics	No. of Periods
1	Introduction to Population and Settlement Geography	i. Definition, Nature and scope of Population Geography ii. Development of Population Geography as discipline iii. Approaches to the study of population Geography iv. Definition, subject matter and scope of Settlement Geography v. Development of Settlement Geography vi. Approaches: genetic, spatial and ecological	08
2	Population Distribution	i. Population distribution and factors affecting distribution of population ii. Density : definition and types iii. Factors affecting density of population iv. Population density in India v. Urbanization: definition and stages vi. Trend and level of urbanization in India	08
3	Population Growth and trend	i. Concept of population growth ii. Component of population growth (Fertility, Mortality, and Migration) iii. Theory of Demographic Transition iv. Malthus Theory v. Population growth and trend in India vi. Migration: concept of migrant and migration, immigration and emigration	08

M.A./M. Sc. [I]		Geography	
4	Population Structure and Characteristics	i. Age and sex structure ii. Concept of aging of populations, iii. Dependency ratio iv. Sex Ratio: definition and affecting factors of sex ratio v. Sex ration in India vi. Population Composition: religious, linguistics, ethnic, marital and educational vii. Literacy: definition and measures of literacy viii. Literacy in India	06
5	Fertility and Mortality	i. Concepts: fertility, fecundity, sterility, cohort ii. Crude birth rate, Total fertility rate iii. Concept of baby boom iv. Concepts: mortality and morbidity v. Death rate and its measures vi. Level and trends of mortality in India	06
6	Human Settlement	i. Classification: urban and rural ii. Rural-urban dichotomy iii. Site and situation aspect in settlement iv. Types: compact, semi-compact, hamleted and dispersed v. Patterns of settlement	08
7	Rural Settlements	i. Definition, classification of villages ii. Size and spacing of villages iii. Nearest neighbor analysis iv. Concepts of dispersion and nucleation v. Factors affecting dispersion and nucleation	08
8	Urban Settlements	i. Concept: urban place, urban agglomeration, urban sprawl ii. Urban settlement hierarchy iii. Urban-rural fringe iv. Rank-size rule v. Central Business District (CBD)	08

Reference Books:

- **Bhende, A. and Kanitkar, T. (2011):** Principles of Population Studies, Himalaya Publishing House, Bombay.
- **Beaujeu, G. J. (1966):** Geography of Population, Longman Group Ltd.
- **Chandna, R.C. (Rep.2010):** Geography of Population, Concepts, Determinants and Patterns, Kalyani Publishers, New Delhi.
- **Clark, J. I. (1973):** Population Geography, Pergamon Press Ltd., Oxford.
- **Clark, J.I. (1984):** Geography and Population: Approaches and Applications, Pergamon Press Ltd., Oxford.
- **Hudson, (1970):** Geography of Settlement, Macdonald & Evans Ltd., London.
- **Khullar, D. R. (2011):** India A Comprehensive Geography, Kalyani Publication, New Delhi.
- **Michel Chisholm (1973):** Studies in Human Geography, London.
- **Mishra, R.S.(1975):** Economics of Growth and Development, Somaiya Publication Pvt. Ltd.

c. Crosscutting issue: Human Values

Syllabus

Programme Name: B.A. English

Course Code: 35334

Course Name: SEC-2A and SEC-2D Mastering Life Skills and Life Values

Class: TY BA Course Code: 35334/ 36334

Skill Enhancement Course (SEC 2-C & SEC 2-D) (w. e. f. 2021- 2022)

Title of the Paper: Mastering Life Skills and Life Values

[Two Credit Course for Each Sem- Sem-V & VI -2x15=30 Hours for Each Sem]

Objectives:

1. To equip the students with the social skills
2. To train the students interpersonal skills
3. To build self-confidence and communicate effectively
4. To Encourage the students to think critically
5. To learn stress management and positive thinking
6. To enhance leadership qualities
7. To aware the students about universal human values
8. To develop overall personality of the students

Suggestions to Teachers:

1. It is a learner-centric course.
2. The course aims at developing skills among the students.
3. Learning can be facilitated through interactive and informal guiding sessions.
4. Participation and up-gradation of the students' performance needs to be encouraged.
5. Practical, Exercises, Activity monitoring, Projects, Seminars, Presentations, Group Discussions are some of the activities that the teachers are expected to encourage.
6. Relevant and innovative ideas of both the students and the teachers are always appreciable for a successful completion of this course
7. The concerned faculty/teachers have to maintain the record of the students as credits to the students need to be given on the basis of preserved records.

Nature of Evaluation- Internal (College) 25 Marks and Semester End University Examination- 25 Marks

**SEMESTER-V (SEC 2-C) Course Content: Life Skills
Course Code: 35334**

Unit-I

1. Meaning and Nature of Life Skills
2. Importance of Life Skills
3. Problem Solving and Decision-making skill

Unit-II

4. Critical and Creative Thinking Skill
5. Interpersonal skills: Understanding and Cooperating with Others
6. Management of Stress and Emotions

**SEMESTER-VI (SEC 2-D) Life Values
Course Code: 35334/ 36334**

Unit-I

1. Meaning and Nature of Values
2. Importance of Human Values
3. Moral Values
4. Ethical Values

Unit-II

5. Professional Values
6. Aesthetic Values
7. Psychological Values
8. Self-Awareness and Self-Management

d. Crosscutting issue: Environment and Sustainability**Reference Book**

Programme Name: M. Sc. Botany

Course Code: BOUT 242

Course Name: Advanced Plant Ecology

11

Environmental Challenges and Sustainable Development

GENESIS OF ENVIRONMENTAL CHALLENGES

Alterations in both, physico-chemical (abiotic) and biological (biotic) components of the biosphere by mankind resulted in environmental degradation world over. Major environmental problems (issues, challenges), are in fact the manifestations of the degraded environments at global level. These problems include **air and water pollution, loss of biodiversity and wildlife, carbon emissions, ozone layer depletion, global warming and climate change.**

The genesis of the abovesaid environmental problems can easily be traced to the life styles and developmental processes during the industrial revolution, first followed in the North, and then moving to third world countries, including India. Such a close relationship between environment and development could be realised globally. Not only scientists, but every section of the society, rich or poor, having become convinced with this relationship, are now engaged to find the solutions of these environmental problems. Unfortunately

there are differences in sharing the responsibilities of apparent cause(s) of these problems, and in following the approaches to manage the relationship between environment and development in a way that standard of life (development) of every man on the planet improves with minimum damage to the environment. Such a philosophy of coordinated process is also referred to as **sustainable development**. In this chapter an attempt is made to analyse the subject of environment and development with special reference to India and other developing countries of the world.

Today, the conservation, protection, and improvement of human environment (degraded by human itself) are major issues all over the world. Land, water, air, plants, animals and other forms of life (microorganisms) are to be conserved/managed. Urbanisation, population pressure, over-exploitation of resources, disruption of natural ecological balance and loss of biodiversity are the chief concerns of environmental degradation. Today, we can no longer live in isolation; this is age of holism; there is one world. If environment of India is degraded, the global environment is to be affected.

(BC-4)

VOCATIONAL EDUCATION AND TRAINING DEGREE PROGRAMMES

**(Addressed Issue from this programme are
Professional Ethics and Environment and
Sustainability)**

Approval Letter Vocational Education and Training Degree Programmes



ज्ञान-विज्ञान विमुक्तये
www.ugc.ac.in

Ph. No. 011-23604284



सत्यमेव जयते

विश्वविद्यालय अनुदान आयोग
(मानव संसाधन विकास मंत्रालय, भारत सरकार)
बहादुरशाह ज़फ़र मार्ग, नई दिल्ली - 110 002

University Grants Commission
(Ministry of Human Resource Development, Govt. of India)
Bahadurshah Zafar Marg, New Delhi - 110 002

No. F. 4-3/2018(NSQF)

1st August, 2018

✓ The Principal
Ahmednagar ZilaMaratha Vidya
Prasarak Samaj's New Arts,
Commerce and Science College,
ParnerAt/Post/Tal Parner, Dist
Ahmednagar -414 302
Maharashtra
Subject: Approval of programmes/courses under NSQF

03 AUG 2018

Dear Sir/Madam,

This is with reference to your proposal for introducing vocational courses under NSQF. I am directed to convey approval of the UGC for the following programmes/courses to be run by your institution under NSQF from the academic session 2018-19:

B.VOC.

- Renewable Energy Tech. & Management
- Software Development

It is further informed that the institution may admit 50 students per course, and appoint faculty and staff as per the provisions of the NSQF Guidelines.

You are requested to kindly ensure compliance of the terms and conditions/provisions as laid down in the Guidelines for providing Skill-based Education under National Skill Qualification Framework. You are also requested to convey your confirmation to start the course/s from the academic session 2018-19 along with the course-wise actual intake of students to UGC at the earliest.

Yours faithfully,


(Mriganka Sekhar Sarma)
Education Officer

3/12/18
11.8.2018

Syllabus Structure of Software Development

B. Voc Software Development Syllabus for First Year

Structure for Semester-I												
Course Code	Course Name	Teaching Scheme (Hours/Week)		Examination Scheme and Marks						Credits		
		Theory	Pract .	IS E	ESE	T W	PR	OR	Total	TH	P R	Total
BVSWC101	IT Foundation and Programming Concepts	03		50	50				100	03		03
BVSWC102	Web Designing	03		50	50				100	03		03
BVSWC103	Programming in C	03		50	50				100	03		03
BVSWC104	Operating System (OS)	03		50	50				100	03		03
BVSWL105	Web Designing Lab		02				50	--	50		1.5	1.5
BVSWL106	C Programming Lab		02				50	--	50	--	1.5	1.5
BVSWL107	On Job Training		18					100	100		15	15
Total		12	22	200	200		100	100	600	12	18	30
Structure for Semester-II												
Course Code	Course Name	Teaching Scheme (Hours/Week)		Examination Scheme and Marks						Credits		
		Th	Pract .	IS E	ESE	T W	PR	OR	Total	TH	P R	Total
BVSWC201	Data Structures	03		50	50				100	03		03
BVSWC202	Concepts of Data Mining	03		50	50				100	03		03
BVSWC203	OOPs with Java	03		50	50				100	03		03
BVSWC204	Multimedia Tools & Applications	03		50	50				100	03		03
BVSWL205	Data Structure Lab		03				50		50		1.5	1.5
BVSWL206	Java Lab		03				50		50		1.5	1.5
BVSWL207	On Job Training *		18					100	100		15	15
Total		12	24	200	200		100		600	12	18	30

*On Job Training should be carried out in any one subject per semester as per NSDC Guide lines for following Skill Sets:

1. Technical Writer (SSC/Q0505)
2. Infrastructure Engineer (SSC/Q0801)
3. Associate – CRM (SSC/Q2202)
4. Web Developer (SSC/Q0503)
5. Test Engineer (SSC/Q1301)

B. Voc Software Development syllabus for Second Year

Structure for Semester-I												
Course Code	Course Name	Teaching Scheme (Hrs/Week)		Examination Scheme and Marks						Credits		
		Th	Pr	ISE	ESE	TW	PR	OR	Total	TH	PR	Total
BVSWC301	Hardware Networking	03		50	50				100	03		03
BVSWC302	Software Engineering	03		50	50				100	03		03
BVSWC303	Web Development using PHP	03		50	50				100	03		03
BVSWC304	Database Management System	03		50	50				100	03		03
BVSWL305	Web Development using PHP Lab		02				50	--	50		1.5	1.5
BVSWL306	Database Management System lab		02				50	--	50	--	1.5	1.5
BVSWL307	On Job Training		18					100	100		15	15
Total		12	22	200	200		100	100	600	12	18	30
Structure for Semester-II												
Course Code	Course Name	Teaching Scheme (Hours/Week)		Examination Scheme and Marks						Credits		
		Theory	Prac	ISE	ESE	TW	PR	OR	Total	TH	PR	Total
BVSWC401	Software Testing and Project Management	03		50	50				100	03		03
BVSWC402	Computer Networks	03		50	50				100	03		03
BVSWC403	Advance Java	03		50	50				100	03		03
BVSWC404	Relational Database Management System	03		50	50				100	03		03
BVSWL405	Advance Java Lab		02				50	--	50		1.5	1.5
BVSWL406	Relational Database Management System Lab		02				50		50		1.5	1.5
BVSWL407	On Job Training		18					100	100		15	15
Total		12	22	200	100		100	100	600	12	18	30

B. Voc Software Development Syllabus for Third Year

Structure for Semester-I												
Course Code	Course Name	Teaching Scheme (Hours/Week)		Examination Scheme and Marks						Credits		
		Theory	Pract.	ISE	ESE	TW	PR	OR	Total	TH	PR	Total
BVSWC501	Technology Trends in IT	03		50	50				100	03		03
BVSWC502	Android Application Development	03		50	50				100	03		03
BVSWC503	Communication Skill	03		50	50				100	03		03
BVSWC504	System Programming	03		50	50				100	03		03
BVSWL505	Android Application Development Lab		02				50	--	50		1.5	1.5
BVSWL506	Communication Skill lab		02				50	--	50	--	1.5	1.5
BVSWL507	On Job Training		18					100	100		15	15
Total		12	22	200	200		100	100	600	12	18	30
Structure for Semester-II												
Course Code	Course Name	Teaching Scheme (Hours/Week)		Examination Scheme and Marks						Credits		
		Th	Pract.	ISE	ESE	TW	PR	OR	Total	TH	PR	Total
BVSWC601	Introduction to AI	03		50	50				100	03		03
BVSWC602	e-Commerce	03		50	50				100	03		03
BVSWC603	Python Programming	03		50	50				100	03		03
BVSWC604	Digital Electronics	03		50	50				100	03		03
BVSWL605	Python Programming Lab		02				50		50		1.5	1.5
BVSWL606	Digital Electronics Lab		02				50	--	50	--	1.5	1.5
BVSWL607	On Job Training		18					100	100		15	15
Total		03	22	200	200		100	100	600	12	18	30

Syllabus Structure of Renewable Energy Technology and Management

Course Structure: Bachelor of Vocation (Renewable Energy Technology and Management)

Course Code	Course Title	Credit
SEMESTER - I		
	Theory Component	
RET-1-1	Introduction to Renewable Energy Sources	4
RET-1-2	Basics Electronics	4
RET-1-3	Basic Mechanical Engineering	4
	Skill Component	
REP-1-4	Practical – I (Based on Theory)	6
REP-1-5	Practical – II (On Job Training)	12
SEMESTER - II		
	Theory Component	
RET-2-1	Sustainable Development and Energy	4
RET-2-2	Applications of Solar Energy	4
RET-2-3	Bio-Energy	4
	Skill Component	
REP-2-4	Practical – III (Based on Theory)	6
REP-2-5	Practical – IV (On Job Training)	12
	Total Credits	60

Course Code	Course Title	Credit
SEMESTER - III		
	Theory Component	
RET-3-1	Soft Skills and Communications	4
RET-3-2	Rooftop and Wind Energy	4
RET-3-3	Solar Cell Technology & Its applications	4
	Skill Component	
REP-3-4	Practical – V (Based on Theory)	6
REP-3-5	Practical – VI (On Job Training)	12
SEMESTER – IV		
	Theory Component	
RET-4-1	Components of Photovoltaic Systems	4
RET-4-2	Solar Photovoltaic Systems: Design & Integration	4
RET-4-3	Solar Photovoltaic Systems: Installation & Maintenance	4
	Skill Component	
REP-4-4	Practical – VII (Based on Theory)	6
REP-4-5	Practical – VIII (On Job Training)	12
	Total Credits	60

Course Code	Course Title	Credit	
SEMESTER – V			
	Theory Component		
RET-5-1	Roof Top & Grid Connected PV System	4	
RET-5-2	Net Metering Concept & Government Policies	4	
RET-5-3	Introduction to PV Software's	4	
	Skill Component		
REP-5-4	Practical – IX (Based on Theory)	6	
REP-5-5	Practical – X(On Job Training)	12	
SEMESTER – VI			
	Theory Component		
RET-6-1	Operation and Maintenance	4	
RET-6-2	Feasibility Report	4	
RET-6-3	Entrepreneurship Skills	4	
	Skill Component		
REP-6-4	Practical – XI (Based on Theory)	6	
REP-6-5	Practical – XII (On Job Training)	12	
	Total Credits	60	
STRUCTURE FOR SEMESTER			
Title	Credits	Hrs	Marks
Total No. of Theory courses = 3	12 (4 Credits each)	180	300
Total No. of Skill based courses = 3	18 (6 Credits each)	270	450
	30	450	750

STRUCTURE FOR SEMESTER			
Title	Credits	Hrs	Marks
Total No. of Theory courses = 3	12 (4 Credits each)	180	300
Total No. of Skill based courses = 3	18 (6 Credits each)	270	450
	30	450	750

CREDITS COURSES FOR UG AND PG PROGRAMME (CIRCULAR)

(Addressed Issue from these credit courses are Professional Ethics, Gender, Human Values and Environment and Sustainability)

a. Environmental Studies

शैक्षणिक विभाग,
गणेशखिंड, पुणे-४११ ००७
दूरध्वनी क्र.: ०२०-२५६०१२५७/५८
ई-मेल : boards@pun.unipune.ac.in
संकेतस्थळ : www.unipune.ac.in

सावित्रीबाई फुले पुणे विद्यापीठ
(पूर्वीचे पुणे विद्यापीठ)
Savitribai Phule Pune University
(Formerly University of Pune)

Academic Section
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संदर्भ क्र.: सी.बी.एस./ ५५९

दिनांक: ०५.१०.२०२०

परिपत्रक क्र. २६६/२०२०

विषय :- सर्व विद्याशाखांच्या पदवी अभ्यासक्रमाच्या द्वितीय वर्षास अनिवार्य असणा—या Environmental Studies या अभ्यासक्रमास विज्ञान व तंत्रज्ञान विद्याशाखेतर्गत विद्यापीठाच्या संकेतस्थळावर प्रसिध्द करणेबाबत...

विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार सर्व संबंधितांस या परिपत्रकाद्वारे कळविण्यात येते की, सर्व विद्याशाखांच्या पदवी अभ्यासक्रमाच्या द्वितीय वर्षास अनिवार्य असणा—या Environmental Studies या अभ्यासक्रमास विज्ञान व तंत्रज्ञान विद्याशाखेतर्गत विद्यापीठाच्या संकेतस्थळावर प्रसिध्द करण्यास मान्यता देण्यात येत आहे.

सदरचा अभ्यासक्रम सावित्रीबाई फुले पुणे विद्यापीठाच्या www.unipune.ac.in या संकेत स्थळावर Syllabi या शीर्षकाखाली उपलब्ध आहे.

मा. प्राचार्य, सर्व संलग्न विज्ञान महाविद्यालये यांना विनंती की, सदर परिपत्रकाचा आशय सर्व संबंधितांच्या निदर्शनास आणून द्यावा.


उपकुलसचिव

b. Democracy, Elections and Governance

सावित्रीबाई फुले पुणे विद्यापीठ (पूर्वीचे पुणे विद्यापीठ)

दूरध्वनी क्रमांक :

०२०-२५६२११५६
२५६०११५७
२५६०११६०



शैक्षणिक विभाग

गणेशखिंड, पुणे-४११ ००७

वेबसाइट : www.unipune.ac.in

ई-मेल : boards@pun.unipune.ac.in

संदर्भ क्र. : सीबीएच/ ७१३

दिनांक : १०/१२/२०२०

परिपत्रक क्र. ३४४/२०२०

विषय:— Democracy, Election and Governance (2 Credits) U.G. Syllabus and Introduction to Constitution (2 Credits) P.G. Syllabus (Compulsory Add-on Audit Course for All Faculty) या कोर्सच्या मार्गदर्शक तत्वांना मान्यता देणेबाबत.

विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार कळविण्यात येते की, Democracy, Election and Governance (2 Credits) U.G. Syllabus and Introduction to Constitution (2 Credits) P.G. Syllabus (Compulsory Add-on Audit Course for All Faculty) या कोर्सच्या मार्गदर्शक तत्वांना मान्यता देण्यात येत आहे.

१. Introduction to Constitution हा दोन क्रेडिटचा कोर्स सर्व विद्याशाखेच्या Post Graduate कोर्सला शैक्षणिक वर्ष २०२०-२०२१ पासून तिसऱ्या सत्रात सुरू करण्यात यावा.
२. या कोर्ससाठीचे नियमन विद्यापीठातील विधी विभागाद्वारे करण्यात यावे.
३. सदरील कोर्सचे ऑनलाईन आशय तयार करण्याची जबाबदारी विधी विभागाने घेवून Online/Offline आशय वर विकसित करण्यात यावा.
४. सदरील कोर्स हा २ क्रेडिटचा असून २५ मार्क्स Internal व २५ मार्क्स External साठी असतील व त्याचे रूपांतर मार्क्स नुसार ग्रेड मध्ये करण्यात यावे.
५. Democracy, Election & Governance हा दोन क्रेडिटचा कोर्स सर्व विद्याशाखेच्या पदवी परीक्षेस प्रथम वर्षाच्या दुसऱ्या सत्रात शैक्षणिक वर्ष २०२०-२१ पासून सुरू करण्यात यावा.

६. या कोर्ससाठीचे नियमन प्रत्येक महाविद्यालयातील समाजशास्त्र किंवा राज्यशास्त्र विषयाचे प्राध्यापक यांच्या अध्यक्षतेखाली सदरील कोर्सचे नियमन करण्यात यावे.
७. सदरील कोर्समध्ये वेळोवेळी बदल Online/Offline आशय विकसित करणे याची जबाबदारी समाजशास्त्र अभ्यासमंडळाचे प्रमुख डॉ. श्रुती तांबे व राज्यशास्त्र अभ्यासमंडळाचे प्रमुख डॉ. बाळ कांबळे यांनी पहावे.
८. Democracy Election & Governance हा दोन क्रेडिटचा कोर्स असून २५ मार्कस् हे Internal Assessment व २५ मार्कस् External Assessment साठी असतील व त्याचे रूपांतर मार्कस् नुसार ग्रेड मध्ये करण्यात यावे.
९. Democracy Election & Governance हा कोर्स सुरू करताना ज्या महाविद्यालयात समाजशास्त्र व राज्यशास्त्र विषय नाहीत, त्या महाविद्यालयात इतर विषयाच्या प्राध्यापकांना प्रशिक्षण देवून त्यांना जबाबदारी देण्यात यावी.

मा. प्राचार्य, सर्व संलग्न महाविद्यालये यांना विनंती की, सदर परिपत्रकाचा आशय सर्व संबंधितांच्या निदर्शनास आणून दयावा.



उपकुलसचिव
(शैक्षणिक विभाग)

c. Introduction to Constitution



शैक्षणिक विभाग

गणेशखिंड, पुणे-४११ ००७

दूरध्वनी क्र. : ०२०-२५६०१२५७/५८/५९

ई-मेल : boards@pun.unipune.ac.in

संकेतस्थळ : www.unipune.ac.in

संदर्भ क्र. : सी.बी. पु. १९०३

सावित्रीबाई फुले पुणे विद्यापीठ
(पूर्वीचे पुणे विद्यापीठ)Savitribai Phule Pune University
(Formerly University of Pune)

Academic Section

Ganeshkhind, Pune - 411 007

Phone : 020-25601257/58/59

E-mail : boards@pun.unipune.ac.in

Website : www.unipune.ac.in

दिनांक : १२ / ०२ / २०२०.

परिपत्रक क्र. ३१ / २०२०

विषय:- शैक्षणिक वर्ष २०२०-२०२१ पासून Introduction to Constitution हा 2 Credits (Add-on Audit Course) चा अभ्यासक्रम सर्व विद्याशाखांच्या पदव्युत्तर पदवी अभ्यासक्रमासाठी अनिवार्य करण्यास मान्यता देणेबाबत.

विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार कळविण्यात येते की, शैक्षणिक वर्ष २०२०-२०२१ पासून Introduction to Constitution हा 2 Credits (Add-on Audit Course) चा अभ्यासक्रम सर्व विद्याशाखांच्या पदव्युत्तर पदवी अभ्यासक्रमासाठी अनिवार्य करण्यास मान्यता देण्यात येत आहे.

सदर अभ्यासक्रम सावित्रीबाई फुले पुणे विद्यापीठाच्या www.unipune.ac.in या संकेतस्थळावर Syllabi या शीर्षकाखाली उपलब्ध करण्यात आला आहे, याची सर्व संबंधितांनी नोंद घ्यावी.

मा. प्राचार्य, सर्व संलग्न महाविद्यालये आणि मा. संचालक, सर्व मान्यताप्राप्त संस्था यांना विनंती की, सदर परिपत्रकाचा आशय सर्व संबंधितांच्या निदर्शनास आणून द्यावा.

उपकुलसचिव
(शैक्षणिक विभाग)

d. Human Rights / Introduction to Cyber Security/ Information Security / Skill Development



शैक्षणिक विभाग

गणेशखिंड, पुणे-४११ ००७

दूरध्वनी क्र. : ०२०-२५६०१२५७/५८/५९

ई-मेल : boards@pun.unipune.ac.in

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संदर्भ क्र : CB5/1024

सावित्रीबाई फुले पुणे विद्यापीठ
(पूर्वीचे पुणे विद्यापीठ)

Savitribai Phule Pune University
(Formerly University of Pune)

Academic Section

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Website : www.unipune.ac.in

दिनांक : 28/12/2019

परिपत्रक क्र. ३२६/२०१९

विषय: २०१९ पॅटर्नच्या श्रेयांक पध्दतीतील पदव्युत्तर पदवी अभ्यासक्रमांमधील अनिवार्य १० क्रेडिटसुबाबत...

विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार सर्व संबंधितांस या परिपत्रकाद्वारे कळविण्यात येते की, श्रेयांक पध्दतीतील पदव्युत्तर पदवी अभ्यासक्रमांमध्ये खालील नमूद केलेल्या अनिवार्य १० क्रेडिटसूचे अभ्यासक्रम शैक्षणिक वर्ष २०१९-२० पासून पुढे चालू ठेवण्यास मान्यता देण्यात येत आहे.

		Human Rights	Introduction to Cyber Security/ Information Security	Skill Development	Total Credits
1 st Year	1 st Semester	1 Credit	1 Credit	---	2 Credits
	2 nd Semester	1 Credit	1 Credit	---	2 Credits
2 nd Year	3 rd Semester	---	1 Credit	2 Credits	3 Credits
	4 th Semester	---	1 Credit	2 Credits	3 Credits
Total Credits		2 Credits	4 Credits	4 Credits	10 Credits

मा. विभागप्रमुख, सर्व विभाग व मा. प्राचार्य/संचालक, सर्व संलग्नित महाविद्यालये/सर्व मान्यताप्राप्त संस्था यांना विनंती की, सदर परिपत्रकाचा आशय सर्व संबंधितांच्या निदर्शनास आणून द्यावा.

उपकुलसचिव
(शैक्षणिक विभाग)

**LIST OF CERTIFICATE
COURSES INITIATED TO
ADDRESS VARIOUS CROSS
CUTTING ISSUES**

List of Add-on/Value Added/ Certificate Courses

Sr. No	Department	Name of Certificate Course	Course Code	Year of Offering	Addressed issue (Professional Ethics, Gender, Human Values, Environment and Sustainability)
1	Botany	Nursery Management and Horticultural Practices	NACSPBC-01	2016-17	Professional Ethics Environment and Sustainability
2	English	Communication Skills in English	NACSPEC-01	2017-18	Professional Ethics Human Values
3	Marathi	Interview Technique	NACSPMC-01	2017-18	Professional Ethics Human Values
4	History	<i>Modi Lipi</i>	NACSPHC-01	2017-18	Professional Ethics Human Values
5	Chemistry	Safety awareness in Chemical Laboratory and Industry	NACSPCC-01	2017-18	Professional Ethics Human Values Environment and Sustainability
6	Zoology	Vermiculture and Vermicomposting	NACSPZC-01	2017-18	Professional Ethics Environment and Sustainability
7	Mathematics	Mathematical Programming Language: Latex	NACSPMC-01	2017-18	Professional Ethics
8	Geography	Land Surveying	NACSPGC-01	2018-19	Professional Ethics Human Values Environment and Sustainability
9	Economic	Banking literacy	NACSPEC-01	2018-19	Professional Ethics Human Values
10	Computer Science	Microsoft Office Fundamentals	NACSPCS-01	2018-19	Professional Ethics
11	English	German Language	NACSPEC-02	2019-20	Professional Ethics Human Values
12	Commerce	Computerized Accounting (Basic)	NACSPCC-01	2019-20	Professional Ethics
13	Physics	Computer Repairing technology	NACSPPC-01	2019-20	Professional Ethics
14	Chemistry	Training of Handling of Sophisticated Instruments	NACSPCC-02	2019-20	Professional Ethics Human Values Environment and Sustainability

15	Chemistry	Green Chemistry	NACSPCC-03	2019-20	Professional Ethics Environment and Sustainability
16	Computer Science	Android App Development	NACSPCS-02	2019-20	Professional Ethics
17	English	English for professionals	NACSPEC-03	2020-21	Professional Ethics Human Values
18	English	Business Communication	NACSPEC-04	2020-21	Professional Ethics Human Values
19	Hindi	Anuvad Vidnyan	NACSPHC-01	2020-21	Professional Ethics Human Values
20	Political Science	Constitutional Values Awareness	NACSPPC-01	2020-21	Professional Ethics Human Values
21	BBA-CA	Web Service using Java	NACSPBC-01	2021-22	Professional Ethics

PROJECT

(Addressed Issue from student's projects are
**Professional Ethics, Human Values and Environment
and Sustainability**)

List of the Courses Undertaking Project

Sr.No	Program Name	Program Code	Course Code	Course Name
1.	B. A. English	BA 01	SEC- 2A	A certificate Course in Skill Development
2.	B. A. English	BA 01	36852	Functional English
3.	B. A. Marathi	BA 02	[DSE 1 D (3+1)]	मध्ययुगीन मराठी वाङ्मयाचा स्थूल इतिहास प्रारंभ ते इ.स. १६००
4.	B. A. Marathi	BA 02	[DSE1C (3+1)]	मध्ययुगीन मराठी वाङ्मयाचा स्थूल इतिहास इ.स. १६०० ते इ.स. १८१७
5.	B. A. Marathi	BA 02	[DSE2C (3)+1]	वर्णनात्मक भाषाविज्ञान भाग १
6.	B. A. Marathi	BA 02	[DSE 2 D (3) +1]	वर्णनात्मक भाषाविज्ञान भाग २
7.	B. A. Hindi	BA 03	DSE 1 C (S3)	हिंदी साहित्य का इतिहास (आदिकाल भक्तिकाल रीतिकाल का सामान्य परिचय)
8.	B. A. Hindi	BA 03	DSE 1 D (S3)	हिंदी साहित्य का इतिहास (आधुनिक काल सामान्य परिचय)
9.	B. A. Hindi	BA 03	DSE 2C (S4)	(भाषाविज्ञान सामान्य परिचय)
10.	B. A. Hindi	BA 03	DSE 2 D (S4)	हिंदी भाषा और उसका विकास
11.	B. A. History	BA 04	(DSE-3C)	Applied History
12.	B. A. Economics	BA 06	SEC 2D	Business Management-II (Project Report)
13.	B. B. A. Computer Application	BBA CA 01	CA 405	SYBBA-CA 02 Project
14.	B. B. A. Computer Application	BBA CA 01	CA – 505	TYBBA CA- Software Project
15.	B. B. A. Computer Application	BBA CA 01	CA - 605	TYBBA CA. Software Project
16.	B. Sc. Physics	B Sc 01	PHY-359& PHY-369	Project-II
17.	B. Sc. Chemistry	BSc 02	CH- 303	SY BSc. Practical Chemistry-III
18.	B. Sc. Zoology	BSc 04	ZO-3611	Project
19.	B. Sc. Computer Science	BSc 06	CS3611	Project
20.	B. Voc. RETM	BVOC 02	REP-5-4	Practical – IX (Based on theory)
21.	B. Voc. RETM	BVOC 02	REP-6-4	.Practical- XI (Based on theory)
22.	M. A. Marathi	MA02	CC-1	भाषा व्यवहार आणि भाषिक कौशल्य.भाग-२

23.	MA/MSc Geography	MA/MSc 04	GGUP259	Dissertation / Research Project
24.	M.Com	M.Com 01	416	Project Work
25.	M. Sc. Physics	M.Sc. 01	PHCP-245	Project
26.	M. Sc. Organic Chemistry	M. Sc 02	CBOP-5, CHO-453	Practical-III
27.	M. Sc. Computer Science	M.Sc. 06	CSDT124A	Project
28.	M. Sc. Computer Science	M.Sc. 06	CS-401	Industrial Training / Institution Project

Representative Example

a. Project Student List

Ahmednagar Jilha Maratha Vidya Prasarak Samaj's
New Arts, Commerce and Commerce College, Parner
Department of Zoology
Academic Year: 2021-2022

Class: T.Y.B.Sc.
 Course Name: Project

Semester: VI
 Course Code: ZO-3611

Sr.No.	Name of the Students	Project Title	Place	Duration
1.	Dhage Priyanka Sahebrao	Study of Zooplankton Diversity from Hanga Lake.	Department of Zoology	04 Months
2.	Diwate Pranali Bhausahab	Study of Agricultural Pests on Onion Crops in Parner Tahsil.	Department of Zoology	04 Months
3.	Gore Prantika Somanath	Study of Physico-Chemical Properties of few Water bodies in Parner Tahsil.	Department of Zoology	04 Months
4.	Jadhav Snehal Ravindra	Study of Coleopteran Diversity in College Campus.	Department of Zoology	04 Months
5.	Kalamkar Swapnali Shashikant	Study of Physico-Chemical Properties of few Water bodies in Parner Tahsil.	Department of Zoology	04 Months
6.	Londhe Aarti Dattatray	Study of Zooplankton Diversity from Hanga Lake.	Department of Zoology	04 Months
7.	Mapari Ashwini Nivrutti	Study of Agricultural Pests on Onion Crops in Parner Tahsil.	Department of Zoology	04 Months
8.	Meher Akshada Kailas	Study of Zooplankton Diversity from Hanga Lake.	Department of Zoology	04 Months
9.	Palaskar Divya Ganesh	Study of Food Adultration in different home-food Products.	Department of Zoology	04 Months
10.	Phapale Pratima Shivaji	Study of Genetic Traits in College Students.	Department of Zoology	04 Months
11.	Shinde Sampada Balasaheb	Study of Coleopteran Diversity in College Campus.	Department of Zoology	04 Months
12.	Takale Sakshi Jalindar	Study of Genetic Traits in College Students.	Department of Zoology	04 Months


Head
 Department of Zoology
 New Arts, Comm. & Sci. College
 Parner-414 302, Dist.A'Nagar


IQAC COORDINATOR
 New Art's, Commerce & Science College
 Parner, Dist. Ahmednagar


PRINCIPAL
 New Arts, Commerce & Science
 College, Parner, Dist. Ahmednagar

b. Project Report

Ahmednagar Jilha Maratha Vidya Prasarak Samaj's,
New Arts, Commerce and Science College, Parner
Department of Zoology
Academic Year 2021-2022

Report of Project

Sr.No.	Content	Description
1.	Title of Activity	Report of Project
2.	Place	Department of Zoology
3.	Date/ Duration	15 Feb 2022 to 30 May 2022 (04 Months)
4.	Name of the Faculty	Dr.S.R.Wagh, Mr.M.S.Aher, Ms.J.A.Thokal, Ms.R.V.Zaware, Mr.Y.S.Gadekar.
5.	Number of Participated Students	12
6.	Collaborating Agency	IQAC
7.	Venue	New Arts, Commerce and Science College, Parner

Brief Summary of activity:

As per the curriculum, The Department of Zoology, New Arts, Commerce and Science College, Parner have successfully completed the Project. This Project was a part of T.Y.B.Sc. Class of ZO-3611 subject Syllabus. Total 12 Students of T.Y.B.Sc. Class Participated in the Research Project under the Guidance of subject teachers namely Ms.J.A.Thokal, Ms.R.V.Zaware, Mr.Y.S.Gadekar.

The Students conducted survey & prepared a project reports entitled as;

1. Study of Coleopteran Diversity in College Campus.
2. Study of Zooplankton Diversity from Hanga Lake.
3. Study of Agricultural Pests on Onion Crops in Parner Tahsil.
4. Study of Genetic Traits in College Students.
5. Study of Physico-Chemical Properties of few Water bodies in Parner Tahsil.
6. Study of Food Adultration in different home-food Products.

Outcome of Research Project:

1. Students were able to understand the meaning of Reasearch.
2. Students understood the various methodologies and process followed during research.
3. Students were able to figure out necessary solutions for the research problems after successfully completing the research work
4. Students were able to understand various computer & statistical techniques.
5. Students were able to interact with various persons, authorities which effectively helped them to improving their communication and leadership skills.


Head
 Department of Zoology
 New Arts, Comm. & Sci. College
 Parner-414 302, Dist.A'Nagar
 Date: 9/05/2022


IQAC COORDINATOR
 New Art's, Commerce & Science College
 Parner, Dist. Ahmednagar


PRINCIPAL
 New Arts, Commerce & Science
 College, Parner, Dist. Ahmednagar

c. Project Completion Certificate**CERTIFICATE**

This is to certify that the work incorporated in the thesis entitled "STUDY OF PHYSICO-CHEMICAL PROPERTIES OF FEW WATER BODIES IN PARNER TAHSIL" submitted by Mrs. Prantika Somnath Gore was carried out by the candidate under supervision in Asst. Prof. Mr. Gadekar Yogesh Department of Zoology and New Arts, Commerce and Science College Parner, Tal- Parner, Dist.- Ahmednagar,(MS),414 302, for the degree of Bachelor of Science, academic year 2021-2022. If such material obtained from other sources has been duly acknowledged in this project.

Mr. Yogesh Gadekar

Project Guide,

Department of Zoology,
NAC&SC, Parner, 414302

Dr. S.R. Wagh

HOD

Department of Zoology
NAC&SC, Parner, 414302

Place: - Parner
Date: 31/05/2022

PRINCIPAL
New Arts, Commerce & Science
College, Parner, Dist. Ahmednagar

FIELD VISITS AND SURVEY REPORTS

(Addressed Issue from survey and field visits are Professional Ethics, Human Values and Environment and Sustainability)

List of the Courses Undertaking Survey and Field Visit

Sr.No	Program Name	Program Code	Course Code	Course Name
1.	B.A. Geography	B.A.05	Gg: 201(B) DSE 2 B	IV DSE 2 B Practical Geography – II (Cartographic Techniques, Surveying and Excursion / Village / Project Report)
2.	B.A. Geography	B.A.05	Gg: 301(B) VI DSE 2D	Practical Geography – II (Techniques of Spatial Analysis, Surveying and Excursion / Village / Project Report)
3.	B. Sc. Botany	B Sc 03	BO 357, BO 358	Practical
4.	B.Voc. RETM	BVOC 02	REP 2-5	Practical –IV (On Job Training)
5.	B.Voc. RETM	BVOC 02	REP-4-5	Practical – VIII (On Job Training)
6.	MA/MSc Geography	MA/MSc 04	GGUP115	Practical in Physical and Human Geography
7.	MA/MSc Geography	MA/MSc 04	GGUP -134	Practical of Statistical Techniques for Geography
8.	MA/MSc Geography	MA/MSc 04	GGUP247	Practical in Economic Geography-III
9.	M. Sc. Botany	M.Sc. 04	BOUP 115, BODP 124	Practical Paper
10.	M. Sc. Botany	M.Sc. 04	BODP 234, BOUP 244	Practical Paper

Representative Example

a. Survey Reports



SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE
 AJMVPS' NEW ARTS COMMERCE AND SCIENCE COLLEGE, PARNER
 DEPARTMENT OF GEOGRAPHY
 M.A. /MSc. II GEOGRAPHY FIELD VISIT APRIL-2022
 2019 PATTERN SEM-II
 Course: GGUP-134: Practical of Statistical Techniques for Geography

Sr.No.	Name of Students	Signature
1.	CHAVHAN NIKHIL	
2.	GAMBHIRE KAMLESH	
3.	GANDAL SHUBHAM	
4.	GHODKE RUTUJA	
5.	GULVE ANIKET	
6.	INAMDAR SHAIN	
7.	JADHAV AMOL	
8.	KALOKHE CHHAYA	
9.	KSHIRSAGAR KUNAL	
10.	KSHIRSAGAR VAISHALI	
11.	MADHE NITIN	
12.	MANCHARE RUPALI	
13.	MHASKE SHUBHANGI	
14.	NARAWADE DIPLAI	
15.	NAVALE ASHWINI	
16.	POPAL SAGAR	
17.	RAUT AKASH	
18.	REPALE RAJENDRA	
19.	ROKADE AMOL	
20.	SABALE PRAVIN	
21.	SHINDE PUJA	

Head
 Department of Geography
 New Arts, Comm. & Sci. College
 Parner 414302, Dist. Ahmednagar.

IQAC COORDINATOR
 New Art's, Commerce & Science College
 Parner, Dist. Ahmednagar

PRINCIPAL
 New Arts, Commerce & Science College
 Parner, Tal. Parner, Dist. Ahmednagar

Ahmednagar Jilha Maratha Vidya Prasarak Samaj's
New Arts, Commerce and Commerce College, Parner
Department of Geography
Academic Year: 2021-2022

Village survey Report of Pimpri Jalsen Village

Sr. No.	Contents	Description
1	Activity Name	Village Survey
3	Place	Pimpri Jalsen village, Tal-Parner, Dist-Ahmednagar
3	Duration	13/04/2022
4	Name of the Faculty	Prof. A.V. Thokal, Prof. S.S. Aher, Prof. K.K. Sasane
5	Number of Participated Students	21

Brief Summary:

The Department of Geography, New Arts, Commerce and Science college, Parner have successfully completed the village survey at the Pimpri Jalsen village, Tal-Parner, Dist-Ahmednagar. This village survey was a part of GGUP-134: Practical of Statistical techniques for Geography syllabus. Total 21 students of MA/M.Sc. II participated in the villages survey under the guidance of subject teachers namely Prof. A.V. Thokal, Prof. S.S. Aher, Prof. K.K. Sasane, Dr. R.E. Najan, Dr. D.S. Ghungarde and Mrs. J.D. Mhaske.

Afterwards, the students prepared a project report on the conducted survey entitled as “**Field Visit for Data collection of Pimpri Jalsen village**” under the guidance of all faculties of the Department of Geography.

Outcomes of the Village Survey:

- Students were able to understand the Statistical analysis of a village.
- Student understood the need and importance of Data collection.
- Students were able to prepare the different questionnaires for data collection.
- Students were able to compute the results using statistical techniques.
- Student were able to interact with various persons, authorities which effectively helped them to in improving their communication and leadership skills.

PHOTOPLATES



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Head
 Department of Geography
 New Arts, Comm. & Sci. College
 Parner 414302, Dist. Ahmednagar.

[Handwritten Signature]

IQAC COORDINATOR
 New Art's, Commerce & Science College
 Parner, Dist. Ahmednagar

[Handwritten Signature]

PRINCIPAL
 New Arts, Commerce & Science College
 Parner, Tal. Parner, Dist. Ahmednagar

b. Field visits Reports

Ahmednagar Jilha Maratha Vidya Prasarak Samaj's
New Arts, Commerce and Science College, Parner.

Department of Botany

M.Sc. Educational Tour 2021-22

Route: Parner- Mahabaleshwar- Tapola- Parner

Date: 25th to 26th March, 2022

List of Students

Sr. No.	Name of the participant	Class	Mobile No.	I Card No.
1.	Belote Priyanka Balu	M.Sc. I	9975624368	15509
2.	Nangare Snehal Bhagchand	M.Sc. I	9022402760	15800
3.	Pawar Divya Pramod	M.Sc. I	7066599818	15082
4.	Thange Ashwini Baban	M.Sc. I	9370161604	15902
5.	Ughade Priti Chandrakant	M.Sc. I	8080334230	15919
6.	Bhandalkar Rupali Balu	M.Sc. I	9067791064	15586
7.	Tagad Komal Sahebrao	M.Sc. II	8830978050	13945
8.	Shelke Dipali Dnyandeo	M.Sc. II	9730847494	14489
9.	Magar Harshada Suresh	M.Sc. II	9860544465	14218
10.	Pawar Shalaka Babasaheb	M.Sc. II	9322099897	13997
11.	Shinde Swati Anna	M.Sc. II	9579060376	13998
12.	Shinde Varsha Laxman	M.Sc. II	7378485626	13999
13.	Khamkar Srushti Rajendra	M.Sc. II	9021056527	14172
14.	Prof. R. M. Shaikh	Tour Incharge	9404346573	1093
15.	Prof. T. S. Chikane	Staff	7709999053	1078.
16.	Prof. D. D. Pawar	Staff	9112479720	4103
17.	Shri. S. M. Barde	Staff	8830160440	3018

Head

Deptt.of Botany and Research Centre
 New Arts, Commerce and Science College
 Parner, Dist.A'Nagar(MS), 414302

Principal

New Arts, Commerce and Science College
 Parner, Dist.A'Nagar(MS)-414302

Ahmednagar Jilha Maratha Vidya Prasarak Samaj's,
New Arts, Commerce and Science College, Parner
Department of Botany
Academic Year 2021-2022
Activity Report

Programme Name: M.Sc. Botany

Course Code: BOUP 115: Botany practical paper based on BOUT 111, BOUT 112, and BOUT 113
 BODP 124: Practical based on BODT 124 Floriculture and Nursery Management
 BODP 234 based on BODT 234 d) Plant Biotechnology
 BOUP 244 based on BODT 244 b) Herbal Technology

Title of Activity	Study Tour of Classes M.Sc.
Date/ Duration	25/03/2022 to 26/03/2022
Tour Incharge	Assist. Prof. R. M. Shaikh
Number of Participants enrolled	17
Tour places	Parner- Mahabalshwar- Tapola- Parner.

Brief Summary of activity/ event:

Botany department of New Arts, commerce and Science College, Parner, has arranged excursion tour for M.Sc.I, and II students on 25th and 26th March 2022. During this tour we visited different localities of western ghat which are rich in biodiversity.

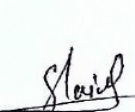
We visited Mahabaleshwar, it is one of the beautiful hill stations in Satara district. With one of the few evergreen forests of India, it served as the summer capital of Bombay presidency during the British Raj. On the way of Mahabaleshwar We visited Wai and Pachagani and Venna Lake. Mahabaleshwar is known for its "points", from which a person can stand and enjoy the entire scenery. There are more than 14 points in total, which provide unique view to the tourists. While observing Savitri point, Sunset point, Bombay point, Monkey point, Artherset point, Eco points, Tiger point etc.

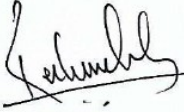
Visit of our first point is Ling mala waterfall. In this location we collected some Algae, Fungi, Lichen, Pteridophytes, Gymnosperms as well as Angiospermic specimens. Visit our second day is Tapola (Mini Kashmir) in Mahabaleshwar. For understanding of Biodiversity.

Outcome of Activity/ event:

1. Students collected Algae, Lichen, Pteridophytes, Angiosperms & Gymnosperms species.
2. Student observed western ghat Biodiversity.

Date: 29/03/2022


 Coordinator


 Head

Deptt.of Botany and Research Centre
 New Arts, Commerce and Science College
 Parner, Dist.A'Nagar(MS), 414302



IQAC COORDINATOR
 New Art's,Commerce & Science College
 Parner, Dist.Ahmednagar


 Principal

New Arts, Commerce and Science College
 Parner, Dist.A'Nagar(MS)-414302

Ahmednagar Jilha Maratha Vidya Prasarak Samaj's
New Arts, Commerce and Science College, Parner.

Department of Botany

Study tour of Class- M.Sc. I & II

Date: 25th & 26th March, 2022

Route: Parner- Mahabaleshwar- Tapola- Parner

Tour Photographs











**M.Sc. I & II students are visited Different Spots in
Mahabaleshwar and Tapola.**






CURRICULAR AND EXTRACURRICULAR ACTIVITIES





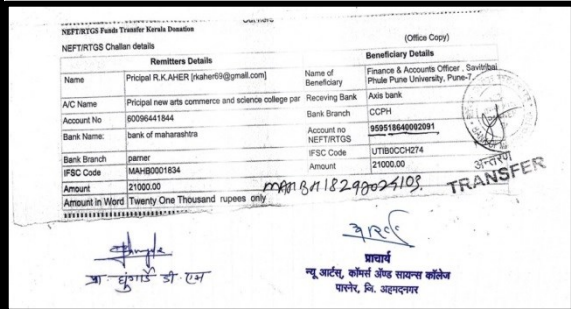
(Addressed Issue from Curricular and extracurricular activities are Professional Ethics, Gender, Human Values and Environment and Sustainability)

List Showing Curricular and Extra Curricular activities to address Crosscutting Issues (Similar/repeated activities are not listed.)

Sr. No	Name of Activity and Date of Implementation	Addressed issue (Professional Ethics, Gender, Human Values, Environment and Sustainability)	Representative Photograph
1.	Tree Plantation 13/07/2017	Human Values and Environment and Sustainability	
2.	BRAIN Activity Every Year	Professional Ethics and Human Values.	
3.	Cyber Crime Education 16/08/2017	Professional Ethics and Human Values.	

<p>4.</p>	<p>Cleanliness Drive 23/07/2017</p>	<p>Professional Ethics, Human Values and Environment and Sustainability</p>	
<p>5.</p>	<p>Workshop on Personality Development Programme 28/08/2017</p>	<p>Professional Ethics.</p>	
<p>6.</p>	<p>Blood Donation Every year</p>	<p>Human Values</p>	 <p>Latitude: 19.000433 Longitude: 74.446272 Altitude: 724.7 m Accuracy: 52.5 m Azimuth: 261° (W) Pitch: -9.0° (-0.9°)</p>
<p>7.</p>	<p>Winter Special Camp Every year</p>	<p>Human Values and Environment and Sustainability</p>	
<p>8.</p>	<p>Workshop on Disaster Management 15- 16/12/2017</p>	<p>Professional Ethics, Human Values and Environment and Sustainability.</p>	

<p>9.</p>	<p>Industrial visit to SHODH Advantech, Aurangabad 25/12/2017</p>	<p>Professional Ethics.</p>	
<p>10.</p>	<p>Workshop on „Social media and Cyber-crime 05/01/2018</p>	<p>Professional Ethics and Human Values.</p>	
<p>11.</p>	<p>Yuva Sahitya Sammelan 05-06/01/2018</p>	<p>Professional Ethics, Gender, Human Values, Environment and Sustainability</p>	
<p>12.</p>	<p>Chemistry Fundamental Since 2018</p>	<p>Professional Ethics, Human Values and Environment and Sustainability.</p>	
<p>13.</p>	<p>One day workshop on love, sex & sexual harassment 06/02/2018</p>	<p>Gender and Human Values.</p>	

<p>14.</p>	<p>Hindi aur <i>Rojgar</i> 03/03/2018</p>	<p>Professional Ethics, Gender, Human Values, Environment and Sustainability</p>	
<p>15.</p>	<p>Opportunities for Graduates 06 - 07/03/2018</p>	<p>Professional Ethics, Gender, Human Values, Environment and Sustainability</p>	
<p>16.</p>	<p>Jal Sandharn Shibir 5 - 11/05/2018</p>	<p>Human Values and Environment and Sustainability.</p>	
<p>17.</p>	<p>Special camp for Determining Future Road Map for students 1-3/06/2018</p>	<p>Professional Ethics, Gender, Human Values, Environment and Sustainability</p>	
<p>18.</p>	<p>Relief funds during Natural calamities 28/08/2018</p>	<p>Human Values and Environment and Sustainability</p>	

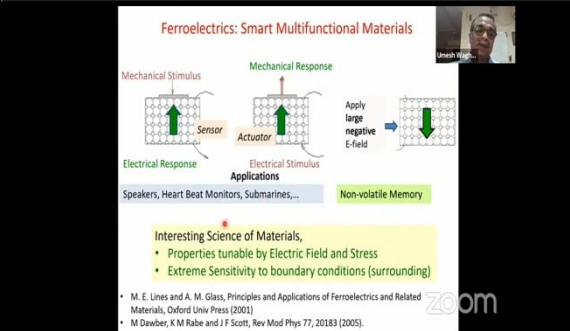




<p>19.</p>	<p>Short term course on Mobile Repairing Technology 24/09/2018 to 29/09/2018</p>	<p>Professional Ethics</p>	
<p>20.</p>	<p>Guest Lecture On Thin Film Deposition Technique 18/08/2018</p>	<p>Professional Ethics and Environment and Sustainability.</p>	
<p>21.</p>	<p>Career opportunities in India and abroad in Chemistry 24/12/2018</p>	<p>Professional Ethics, Gender, Human Values and Environment and Sustainability.</p>	
<p>22.</p>	<p>Career Opportunities in Research 28/12/2018</p>	<p>Professional Ethics, Gender, Human Values and Environment and Sustainability.</p>	
<p>23.</p>	<p>Lekhan Vachan Karyashala 20 - 21 /02/ 2019</p>	<p>Professional Ethics.</p>	


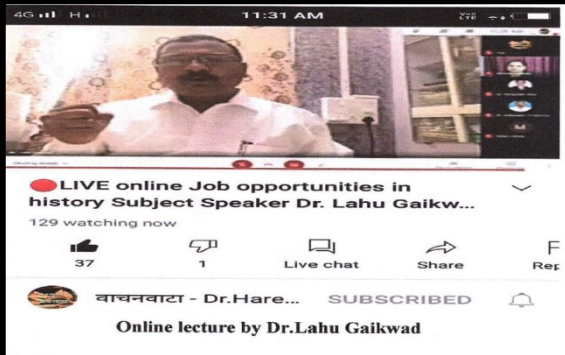



<p>24.</p>	<p>Mushroom cultivation workshop 16/02/2019</p>	<p>Professional Ethics, and Environment and Sustainability</p>	
<p>25.</p>	<p>Human Right Education Programme – Principal Dr. S. L. Laware 19/03/2019</p>	<p>Human Values</p>	
<p>26.</p>	<p>Compulsory Health Checkup 11/07/2019 - 25/09/2019</p>	<p>Gender and Human Values.</p>	
<p>27.</p>	<p>Research Projects and Industrial Training Workshop 13/07/2019</p>	<p>Professional Ethics, Gender, Human Values and Environment and Sustainability.</p>	
<p>28.</p>	<p>Better Living Through Green Chemistry 29/07/2019</p>	<p>Professional Ethics, Gender, Human Values and Environment and Sustainability.</p>	

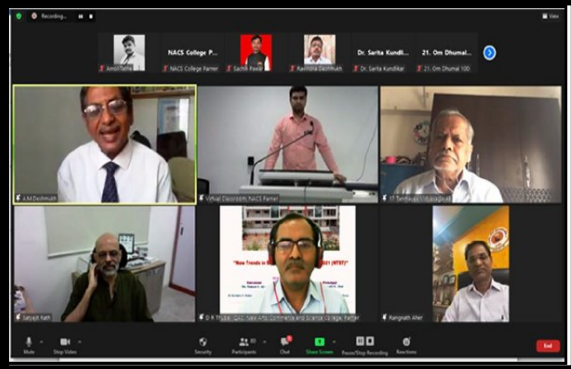

<p>29.</p>	<p>Career Opportunities in Physics 19/08/2019</p>	<p>Professional Ethics and Environment and Sustainability.</p>	
<p>30.</p>	<p>No plastic Campaign 23/08/2019</p>	<p>Human Values and Environment and Sustainability</p>	
<p>31.</p>	<p>Deeksharambh - a SIP Since 2019</p>	<p>Professional Ethics, Gender, Human Values, Environment and Sustainability</p>	
<p>32.</p>	<p>Learning Physics Through Simple Experiments for 10th Standard Since 2019</p>	<p>Professional Ethics, Gender, Human Values and Environment and Sustainability.</p>	
<p>33.</p>	<p>Workshop on Drawing Techniques 23/09/2019</p>	<p>Professional Ethics.</p>	

<p>34.</p>	<p>Green Chemistry: Photocatalysis 12/12/2019</p>	<p>Professional Ethics and Environment and Sustainability</p>	
<p>35.</p>	<p>Workshop on Computer Applications 18/12/2019</p>	<p>Professional Ethics.</p>	
<p>36.</p>	<p>Economics Literacy Programme 27/12/2019</p>	<p>Professional Ethics.</p>	
<p>37.</p>	<p>Digital Literacy Workshop 28/12/2019</p>	<p>Professional Ethics and Gender</p>	
<p>38.</p>	<p>Website Design and Development 06/01/2020</p>	<p>Professional Ethics.</p>	






<p>39.</p>	<p>Career opportunities in industry and Skills to be developed 18.01.2020</p>	<p>Professional Ethics, Gender, Human Values and Environment and Sustainability.</p>	
<p>40.</p>	<p>Bouquet training workshop 08/02/2020</p>	<p>Professional Ethics, Gender and Environment and Sustainability.</p>	
<p>41.</p>	<p>International webinar on Research- Another call for Young Minds 03.10.2020</p>	<p>Professional Ethics, Gender, Human Values and Environment and Sustainability</p>	
<p>42.</p>	<p>National workshop on Roadmap to competitive examination in chemical sciences 24.10.2020</p>	<p>Professional Ethics, Gender, Human Values and Environment and Sustainability</p>	
<p>43.</p>	<p>Webinar on “Towards IT Career 12-12-2020</p>	<p>Professional Ethics and Gender.</p>	

<p>44.</p>	<p>International Workshop on Advances in functional material 15/12/2020</p>	<p>Professional Ethics, Gender, Human Values and Environment and Sustainability</p>	
<p>45.</p>	<p>Plastic Rally for Save Fuel 30/12/2020</p>	<p>Human Values and Environment and Sustainability</p>	
<p>46.</p>	<p>Modi Lipi Prashikshan Karyshala 14/01/2021</p>	<p>Professional Ethics.</p>	
<p>47.</p>	<p>Employment Opportunity in Economics & commerce 25/01/2021</p>	<p>Professional Ethics, Gender, Human Values and Environment and Sustainability.</p>	
<p>48.</p>	<p>Career opportunities in industry and Skills requires 03.02.2021</p>	<p>Professional Ethics, Gender, Human Values and Environment and Sustainability.</p>	


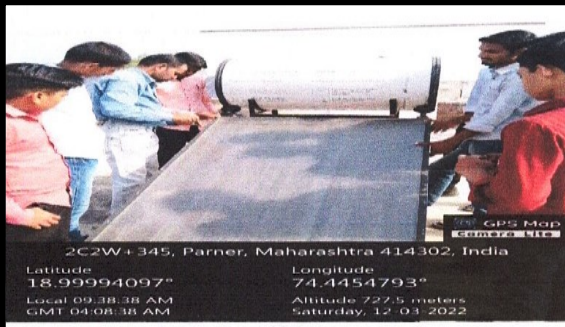


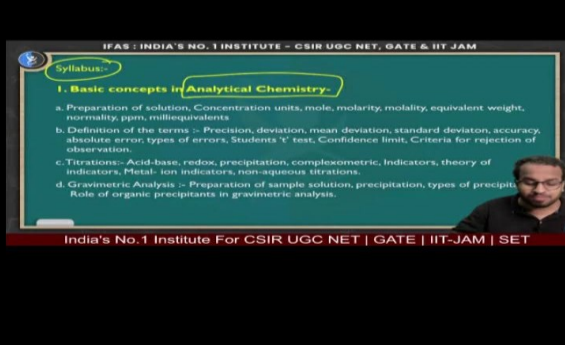
<p>49.</p>	<p>Career Opportunity in Plant Science 12/02/2021</p>	<p>Professional Ethics, Gender, Human Values and Environment and Sustainability.</p>	
<p>50.</p>	<p>Online lecture on Opportunities in History 13/02/2021</p>	<p>Professional Ethics, Gender, Human Values and Environment and Sustainability.</p>	
<p>51.</p>	<p>Career and research opportunity in physics at abroad 23/02/2021</p>	<p>Professional Ethics, Gender, Human Values and Environment and Sustainability.</p>	
<p>52.</p>	<p>Solar Plant Installation and Technics 22/3/2021 to 21/06/2021</p>	<p>Professional Ethics, Human Values and Environment and Sustainability.</p>	
<p>53.</p>	<p>International Yoga Day Every year</p>	<p>Professional Ethics, Gender, Human Values and Environment and Sustainability</p>	

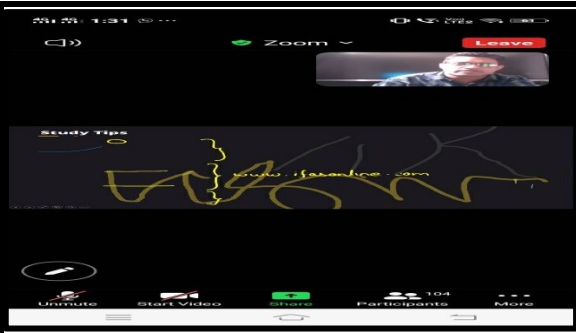


<p>54.</p>	<p>National Webinar on " Investment Opportunities in Pandemic Situation" 13/07/ 2021</p>	<p>Professional Ethics, Gender, Human Values and Environment and Sustainability.</p>	
<p>55.</p>	<p>Soft Skills and Personality Development 19-20/07/2021</p>	<p>Professional Ethics, Gender and Human Values.</p>	
<p>56.</p>	<p>International Symposium on Recent Trends in Science and Technology 05- 06/08/2021</p>	<p>Professional Ethics, Gender, Human Values and Environment and Sustainability.</p>	
<p>57.</p>	<p>Independence Day Every year</p>	<p>Human Values</p>	

<p>58.</p>	<p>Constitution Day Every year</p>	<p>Human Values and Environment and Sustainability</p>	
<p>59.</p>	<p>Workshop on Health And Hygiene 7/12/2021</p>	<p>Human Values and Environment and Sustainability.</p>	
<p>60.</p>	<p>Personality, Skill Development and Making of Resume 17/12/2021</p>	<p>Professional Ethics and Human Values</p>	
<p>61.</p>	<p>Better living Through Green Chemistry 20 -21.12.2021</p>	<p>Professional Ethics, Gender, Human Values and Environment and Sustainability.</p>	
<p>62.</p>	<p>Computer Literacy Program 20-24/12/2021</p>	<p>Professional Ethics.</p>	

<p>63.</p>	<p>Induction Program for awareness about gender sensitization 23/12/2021</p>	<p>Gender</p>	
<p>64.</p>	<p>Research Career in Chemistry: Opportunities Abroad 30.12.2021</p>	<p>Professional Ethics, Gender, Human Values and Environment and Sustainability.</p>	 <div data-bbox="877 795 1447 913"> <p>Parner, Maharashtra, India 2C2W+48Q, Parner, Maharashtra 414302, India Lat 19.000234° Long 74.446144° 30/12/21 10:43 AM</p> </div>
<p>65.</p>	<p>Rally for Women Education and Empowerment 03/01/2022</p>	<p>Gender and Human Values.</p>	 <div data-bbox="877 1160 1447 1279"> <p>Ahmednagar, Maharashtra, India 4P7W+2QF, Nagardeole, Ahmednagar, Maharashtra 414001, India Lat 19.112645° Long 74.74656° 03/01/22 09:51 AM</p> </div>
<p>66.</p>	<p>Soft Toys Making Workshop 4-5/01/2022</p>	<p>Professional Ethics and Gender.</p>	 <div data-bbox="877 1525 1447 1644"> <p>Parner, Maharashtra, India 2C2W+48Q, Parner, Maharashtra 414302, India Lat 19.000538° Long 74.446037° 06/01/22 10:28 AM Soft Toys Making workshop by WEC</p> </div>
<p>67.</p>	<p>Voters Day Every year</p>	<p>Gender, Human Values and Environment and Sustainability</p>	 <div data-bbox="877 1890 1447 2009"> <p>Parner, Maharashtra, India 2C2W+48Q, Parner, Maharashtra 414302, India Lat 19.000614° Long 74.445983° 25/01/22 11:16 AM</p> </div>

<p>68.</p>	<p>Republic Day Every year</p>	<p>Human Values</p>	
<p>69.</p>	<p>Yuva Kavi Sammelan 28/01/2022</p>	<p>Professional Ethics, Gender, Human Values and Environment and Sustainability.</p>	
<p>70.</p>	<p>Workshop NET – SET Guidance in Physical Science 03/02/2022</p>	<p>Professional Ethics</p>	
<p>71.</p>	<p>How to face an interview –a Panel discussion 05/02/2022</p>	<p>Professional Ethics and Human Values.</p>	
<p>72.</p>	<p>Workshop on Web Development 06.02.2022</p>	<p>Professional Ethics.</p>	

<p>73.</p>	<p>Workshop on Application of Geographical Knowledge in NGO Sector 07/02/2022</p>	<p>Professional Ethics, Gender, Human Values and Environment and Sustainability.</p>	
<p>74.</p>	<p>Training Workshop on Solar Hot Water System Components, Installation and Maintenance 11/03/2022 to 12/03/2022</p>	<p>Professional Ethics, Human Values and Environment and Sustainability.</p>	
<p>75.</p>	<p>Divyang Karyshala 14/03/ 2022</p>	<p>Human Values.</p>	
<p>76.</p>	<p>Industry-Academia Workshop Opportunities in pharmaceutical Industries 19/03/2022</p>	<p>Professional Ethics, Gender, Human Values and Environment and Sustainability.</p>	
<p>77.</p>	<p>Crack the state level competitive examination in Chemical Sciences 28/03/2022</p>	<p>Professional Ethics.</p>	

78.	Career opportunities for Post graduate Students 05/05/2022	Professional Ethics, Gender, Human Values and Environment and Sustainability.	
79.	Workshop on Reading and Writing 12-13.05.2022	Professional Ethics.	
80.	Organic Chemistry in everyday life 18/05/2022	Professional Ethics, Gender, Human Values, Environment and Sustainability	

Sr.No.	Title of the Activity	Period		Addressed issue (Professional Ethics, Gender, Human Values, Environment and Sustainability)
		From	To	
81.	Financial assistance for Indigent Student	Every Academic year		Human Values
82.	Audits a. Green/Environment audit b. Electrical safety audit c. Energy audit	Periodically		Professional Ethics, Human Values and Environment and Sustainability
83.	Earn and Learn Scheme	Every Academic year		Gender, Human Values and Environment and Sustainability
84.	Guru Purnima	Every Academic year		Human Values and Environment and Sustainability
85.	Vanmahotsav	01/07/2017	07/07/2017	Human Values and Environment and Sustainability
86.	Loksankhya Divas (Population Day)	Every Academic year		Gender, Human Values and Environment and Sustainability

87.	Swachh Bharat Pandharwada	01/09/2017	15/09/2017	Professional Ethics, Gender, Human Values and Environment and Sustainability
88.	NSS Swachhata Abhiyan at Panoli Tal. Parner	07/09/2017	07/09/2017	Gender, Human Values and Environment and Sustainability
89.	Hindi Din	14 September		Professional Ethics, Gender, Human Values and Environment and Sustainability
90.	Investor Awareness Programme : Online Share Trading – A Workshop Kishor Dolas, IDBI Capital Services, Mumbai	23/09/2017	23/09/2017	Professional Ethics
91.	Pulse Polio	24/10/2017	24/10/2017	Human Values and Environment and Sustainability
92.	NCC Day	Every Academic year		Professional Ethics, Gender, Human Values and Environment and Sustainability
93.	Lecture on “Importance of Organ Donation” by Dr. Dere	04/12/2017	04/12/2017	Gender and Human Values
94.	Nirbhay Kanya Abhiyan	18/12/2017	18/12/2017	Professional Ethics and Gender.
95.	National Mathematics Day	Every Academic year		Human Values
96.	Savitribai Phule Jayanti	Every Academic year		Gender and Human Values
97.	Rajmata Jijau Jayanti	Every Academic year		Gender and Human Values
98.	Marathi Rajbhasha Divas – Dr. Sanjay Nagarkar	27/02/2018	27/02/2018	Human Values
99.	Lecture on “How to care in Summer” Dr. Padmaja Pathare	28/02/2018	28/02/2018	Human Values and Environment and Sustainability
100.	Women’s Day	Every Academic year		Gender and Human Values
101.	Waste to Wealth	29/04/2018	29/04/2018	Professional Ethics, Gender, Human Values and Environment and Sustainability
102.	Chh. Shahu Maharaj Jayanti	Every Academic year		Gender, Human Values and Environment and Sustainability
103.	Rally for Plantation Awareness Campaign – Pimpri Gawali	07/07/2018	07/07/2018	Human Values and Environment and Sustainability

104.	Dr. S. R. Ranganathan Jayanti	Every Academic year		Professional Ethics and Human Values
105.	Sadbhavana Divas	20/08/2018	20/08/2018	Human Values
106.	Teachers Day	Every Academic year		Professional Ethics, Gender, Human Values and Environment and Sustainability
107.	Ozone Day	Every Academic year		Environment and Sustainability
108.	Mahatma Gandhi Jayanti Fortnight Programmes	24/09/2018	02/10/2018	Gender, Human Values and Environment and Sustainability
109.	Mass Mobilization For Construction of Compost Pits	25/09/2018	25/09/2018	Environment and Sustainability
110.	Beti Bachao, Beti Padhao	24/10/2018	27/10/2018	Gender, Human Values and Environment and Sustainability
111.	Rashtriya Ekta Divas – Oath / Rally / PSI Divate	31/10/2018	31/10/2018	Human Values
112.	Conservation of Historical monuments (GadKille Sanvardhan) Workshop – Amol Jamdhare and Smita Pawaskar	08/01/2019	08/01/2019	Professional Ethics, Human Values and Environment and Sustainability
113.	Geography Day	Every Academic year		Professional Ethics, Human Values and Environment and Sustainability
114.	Lokshashi Fortnight Programme	25/01/2019	10/02/2019	Human Values
115.	Integrated Pest Management Workshop	11/02/2019	11/02/2019	Professional Ethics, Human Values and Environment and Sustainability
116.	Mahatma Phule Jayanti	Every Academic year		Gender, Human Values and Environment and Sustainability
117.	Dr. Ambedkar Jayanti	Every Academic year		Gender, Human Values and Environment and Sustainability
118.	Kamgar Din	Every Academic year		Human Values
119.	Spiting Kills/ Tobacco free Camping – Sambandh Foundation and SPPU	2019	2020	Professional Ethics, Gender, Human Values and Environment and Sustainability
120.	Student Mentoring Cell	2019	Till the Current year	Professional Ethics, Gender, Human Values and Environment and Sustainability

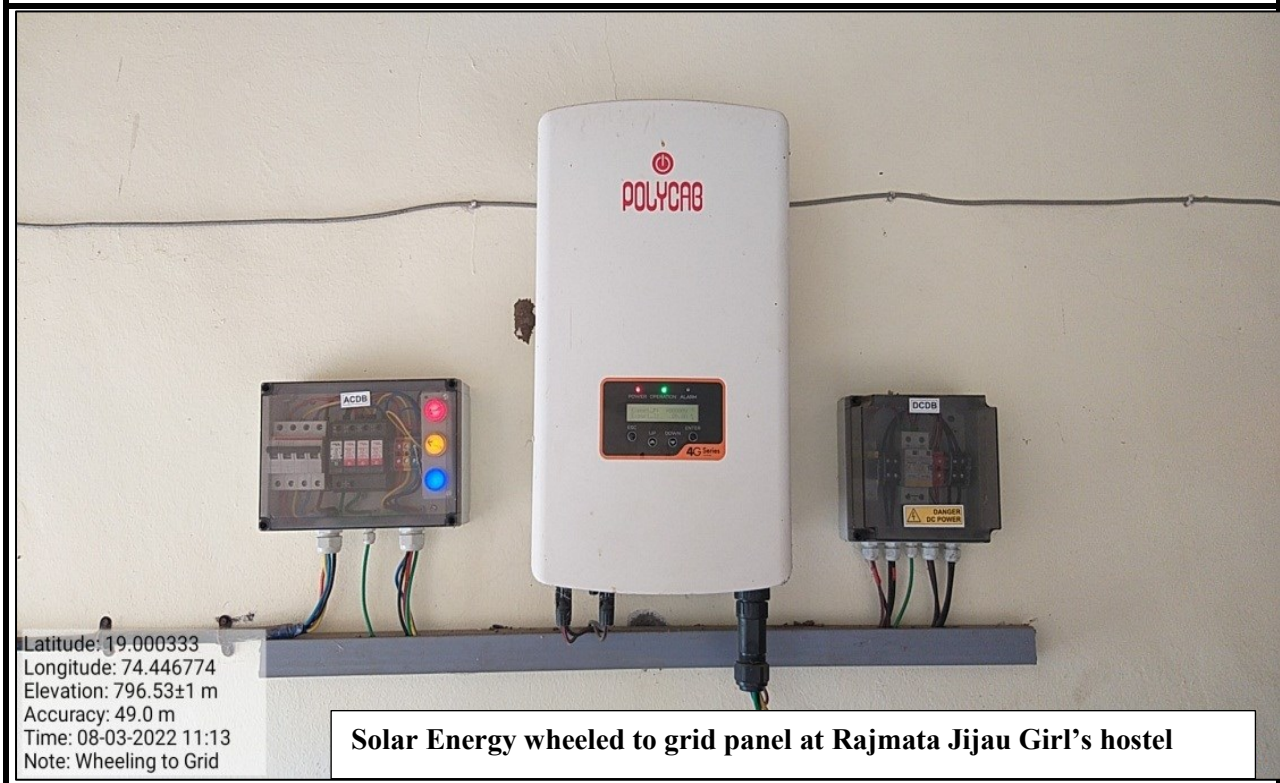
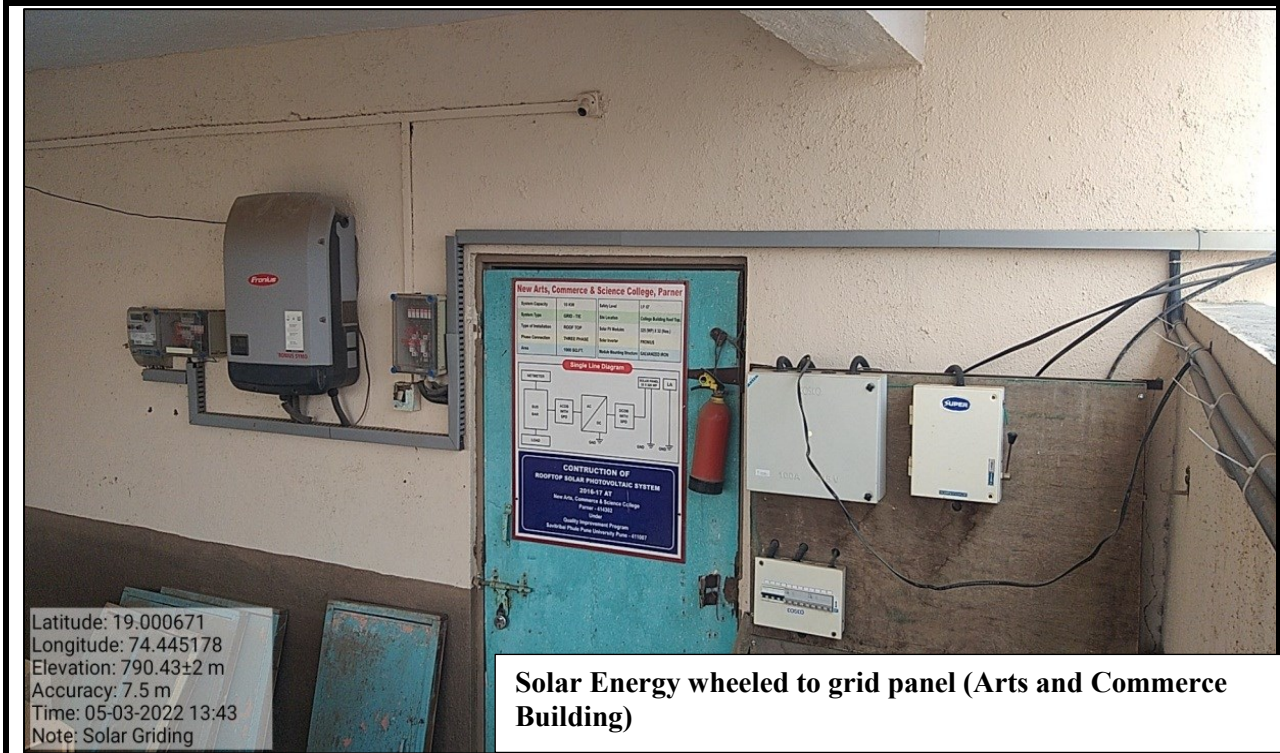
121.	Rally for Tobacco free Camping	10/08/2019	10/08/2019	Human Values
122.	ISRO sponsored course on Remote Sensing and Digital Image Analysis	19/08/2019	09/09/2019	Professional Ethics, and Environment and Sustainability
123.	Hb Camp	18/09/2019	18/09/2019	Gender and Human Values
124.	NSS Day	Every Academic year		Professional Ethics, Gender, Human Values and Environment and Sustainability
125.	Journalist Day	06/01/2020	06/01/2020	Professional Ethics and Human Values
126.	Chh. Shivaji Maharaj Jayanti	19/02/2021	19/02/2021	Gender, Human Values and Environment and Sustainability
127.	National Science Day	28/02/2020	28/02/2020	Professional Ethics, Gender, Human Values and Environment and Sustainability
128.	Face Mask Making	29/04/2020	30/05/2020	Human Values and Environment and Sustainability
129.	Day of Non-Violence	02/10/2020	02/10/2020	Professional Ethics, Gender, Human Values and Environment and Sustainability
130.	Rally for Collection of Fund for Donation Kolhapur & Sangali Flood affected people	24/12/2020	24/12/2020	Human Values and Environment and Sustainability
131.	Mega Vaccination Drive	18/10/2021	18/10/2021	Human Values and
132.	Shiv Swarajya Din	06/06/2022	06/06/2022	Gender, Human Values and Environment and Sustainability

INSTITUTIONAL INFRASTRUCTURE

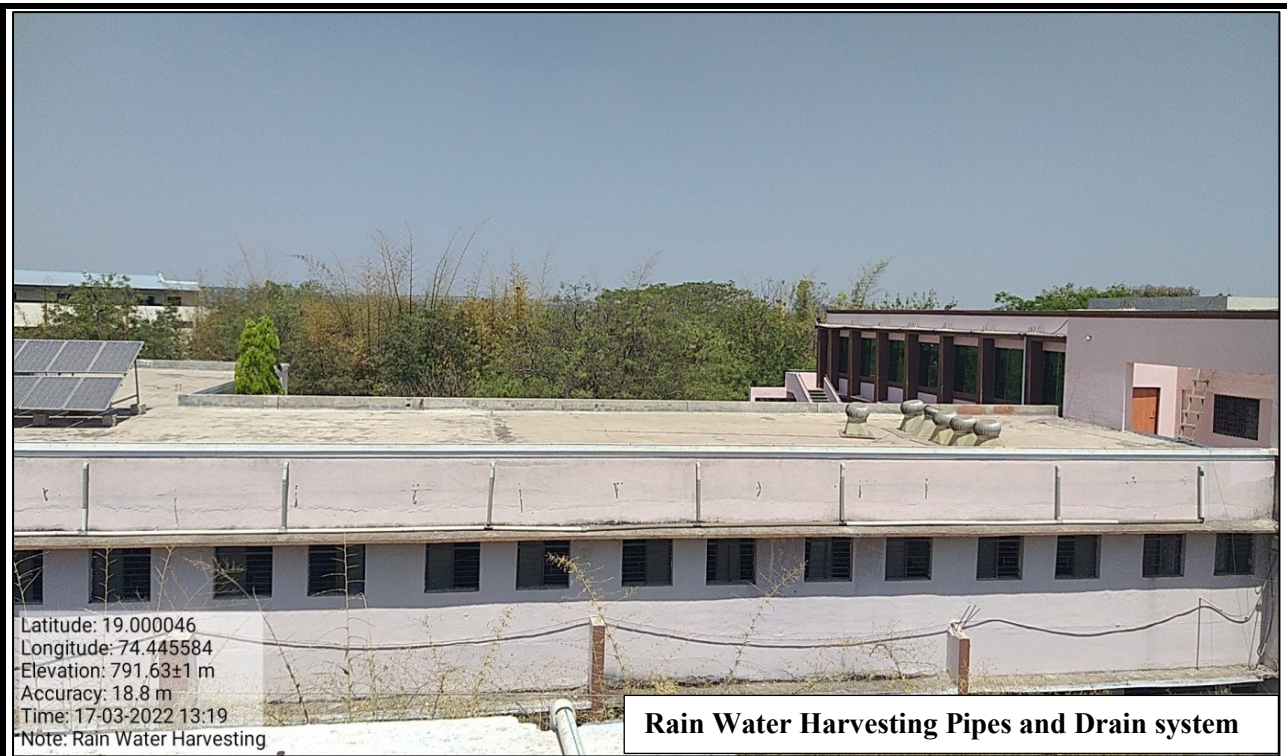
**(Addressed Issue from Institutional Infrastructure is
Environment and Sustainability)**

Institutional infrastructure is augmented in such a way that, itself will address the issues like Environment and sustainability, Energy and water conservation, Green and eco-friendly campus, nursery of saplings of Gulvel (*Tinospora cordifolia*). The representative photographs are:











Waste Water Treatment Plant Drain



Water Purification Plant







Cactus Garden



Cine actor Rahul Solapurkar visit to Cactus garden

Photographs of *Tinospora cordifolia* (Gulvel) Nursery



Medicinal Plant Propagation (*Tinospora cordifolia*)

