Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

CRITERION- 1

CURRICULAR ASPECTS

Key Indicator- 1.3 Curriculum Enrichment

1.3.1 QnM:- Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum

Documentation of Institution Integrates Cross-Cutting Issues in transacting the curriculum

(Subject / Issue wise)

2018-19 to 2022-23

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce & Science, Kopargaon

Mohiniraj Nagar, Kopargaon, Tal: Kopargaon, Dist: Ahmednagar Pin-423601

Summary of Cross-Cutting Issues in Transacting the Curriculum

(Professional Ethics/ Gender/ Human Values/ Environment and Sustainability)

2022-2023 , 2021-2022, 2020-2021, 2019-2020, 2018-2019

Kopargaon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce & Science, Kopargaon
Crosscutting Issues in Syllabus of English
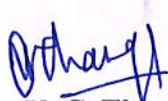
Crosscutting Issues in 2013 Pattern:

Sr. No.	Class	Course Code	Course Name	Addressed issues
1	B. A. English	1017	FYBA: Compulsory English	Professional Ethics/Gender/ Human Values /Environment and Sustainability
2	B. A. English	1337	FYBA: Optional English	Professional Ethics/Gender/ Human Values /Environment and Sustainability
3	B. A. English	2017	SYBA : Compulsory English	Professional Ethics/Gender/ Human Values /Environment and Sustainability
4	B.A. English	2338	SYBA: Appreciating Drama	Professional Ethics/Gender/ Human Values /Environment and Sustainability
5	B.A. English	2339	SYBA: Appreciating Poetry	Professional Ethics/Gender/ Human Values /Environment and Sustainability
6	B.A. English	2337	SYBA: Advanced Study of English Language	Professional Ethics
8	B.A. English	3017	TYBA: Compulsory English	Professional Ethics/Gender/ Human Values /Environment and Sustainability
9	B.A. English	3337	Enhancing Employability Skills	Professional Ethics
10	B.A. English	3338	Appreciating Novel	Professional Ethics/Gender/ Human Values /Environment and Sustainability
11	B.A. English	3339	Introduction to Literary Criticism	Professional Ethics/Gender/ Human Values /Environment and Sustainability
13	M.A	10691/20691	Paper 1.1/Paper 2.1 :	Gender/ Human Values /Environment

			English Literature from 1550 to 1798	and Sustainability
14	M.A English	10692/20692	Paper – 1.2/ Paper – 2.2: English Literature from 1798 to the Present	Gender/ Human Values /Environment and Sustainability
15	M.A English	10693/20693	Paper 1.3/2.3:Contemporary Studies in English Language	Professional Ethics
16	M.A English	10694/20694	Paper – 1.4: Literary Criticism and Theory	Professional Ethics/Gender/ Human Values /Environment and Sustainability
17	M.A English	30691/40691	Paper 3.1/4.1: Indian Writing in English (Core Paper)	Gender/ Human Values /Environment and Sustainability
18	M.A English	30692/40692	Eng Lang. & Lit. Teaching	Professional Ethics
19	B. A. English	30693/40693	Poetry in English	Gender/ Human Values /Environment and Sustainability
20	M.A English	30694/40694	Drama in English	Gender/ Human Values /Environment and Sustainability
21	M.A English	30094/40094	Skill Development-3/4	Professional Ethics
22	F.Y.B. Com	1113	FYBCom: Compulsory English	Professional Ethics/Gender/ Human Values /Environment and Sustainability
23	F.Y.B. Com	1513	FYBCom: Additional English	Professional Ethics/Gender/ Human Values /Environment and Sustainability
24	SYBSC	83012	Optional English	Professional Ethics/Gender/ Human Values /Environment and Sustainability
25	SYBSC (Comp. Sci.)	21521	English	Professional Ethics/Gender/ Human Values /Environment and Sustainability

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Dr. B. S. Yadav

Principal

Principal
K.J. Somaiya College of Arts
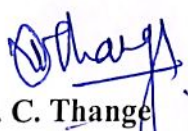Commerce & Science. Kopargaon

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce & Science, Kopargaon
Crosscutting Issues in Syllabus of English

Crosscutting Issues in 2019 Pattern:

Sr. No.	Class	Course Code	Course Name	Addressed issues
1	B. A. English	CC-11011/11012	FYBA: Compulsory English	Professional Ethics/Gender/ Human Values /Environment and Sustainability
2	B. A. English	(General Paper-1) 11331/11332	FYBA: Optional English	Professional Ethics/Gender/ Human Values /Environment and Sustainability
3	B. A. English	CC-23001/24001	SYBA : Compulsory English	Professional Ethics/Gender/ Human Values /Environment and Sustainability
4	B.A. English	DSC-1 A 123331/24331	SYBA: Appreciating Drama	Gender/ Human Values /Environment and Sustainability
5	B.A. English	DSC-2A 23332/24332	SYBA: Appreciating Poetry	Gender/ Human Values /Environment and Sustainability
6	B.A. English	SEC-1A 23333/24333	SYBA: Advanced Study of English Language	Professional Ethics
7	B.A. English	SEC-2A 23334/24334	A Certificate Course in Skill Development	Professional Ethics
8	B.A. English	CC-35001/36001	TYBA: Compulsory English	Professional Ethics/Gender/ Human Values /Environment and Sustainability
9	B.A. English	SEC 1-C & SEC 1-D- 35331/36331	Enhancing Employability Skills	Professional Ethics
10	B.A. English	DSE-1C& DSE-1D-35332/36332	Appreciating Novel	Gender/ Human Values /Environment and Sustainability
11	B.A.	DSE-2C DSE-2D	Introduction to Literary	Gender/ Human Values

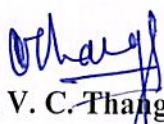|		English	35333/36333	Criticism	/Environment and Sustainability
12	B.A. English	SEC 2-C SEC2-D) 35334/36334		Mastering Life Skills and Life Values	Professional Ethics
13	M.A English	10601/20601		Paper 1.1/Paper 2.1 : English Literature from 1550 to 1798	Gender/ Human Values /Environment and Sustainability
14	M.A English	10602/20602		Paper – 1.2/ Paper – 2.2: English Literature from 1798 to the Present	Gender/ Human Values /Environment and Sustainability
15	M.A English	10603/20603		Paper 1.3/2.3: Contemporary Studies in English Language	Professional Ethics
16	M.A English	10604/20604		Paper – 1.4: Literary Criticism and Theory	Gender/ Human Values /Environment and Sustainability
17.	M.A English	30601/40601		Paper 3.1/4.1: Indian Writing in English (Core Paper)	Gender/ Human Values /Environment and Sustainability
18.	M.A English	30604/40604		Paper 3.4/4.4: Indian Literatures in English Translation	Professional Ethics/Gender/ Human Values /Environment and Sustainability
19	B. A. English	30606 /40606		Paper 3.6/4.6: American Literature	Gender/ Human Values /Environment and Sustainability
20	M.A English	30608/40608		Paper 3.8/4.8: World Literature in English	Gender/ Human Values /Environment and Sustainability
21	M.A English	30094/40094		Skill Development-3/4	Professional Ethics
22	F.Y.B. Com	111/121		FYBCom: Compulsory English	Professional Ethics/Gender/ Human Values /Environment and Sustainability
23	F.Y.B. Com	117-A/127-A		FYBCom: Additional English	Professional Ethics/Gender/ Human Values /Environment and Sustainability
24	SYBSC	23321/24321		ENGLISH (Ability Enhancement Compulsory Course-AECC)	Professional Ethics/Gender/ Human Values /Environment and Sustainability

25	SYBSC (Computer Science)	23922/24922	ENGLISH (Ability Enhancement Compulsory Course-AECC)	Professional Ethics/Gender/ Human Values /Environment and Sustainability
26	SYBCA	308/408	ENGLISH(Ability Enhancement Compulsory Course-AECC)	Professional Ethics/Gender/ Human Values /Environment and Sustainability

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Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce And Science, Kopargaon

Mohanirajnagar, Kopargaon

Organized by

Department of Hindi

Crosscutting Issues as per Syllabus

List of Coureses Addresses Crosscutting Issues as per Syllabus.

Sr. No.	Programme Name	Course Code	Name of Course	Addressed Issue (Professional Ethics, Gender, Human Values, Environment)
1.	F.Y.B.A.	IA/	Vaiklpik Hindi-sahitya Vividha.	Human Values, Environment
	F.Y.B.A.	IB	Vaiklpik Hindi-sahitya Vividha	Human Values, Environment
2.	F.Y.B.Com.	IA/	Vaiklpik Hindi-sahitya Saurabh	Human Values, Environment
	F.Y.B.Com	IB	Vaiklpik Hindi-sahitya Saurabh	Human Values, Environment
3.	S.Y.B.A.	MIL	Hindi Bhasha Shikshan	Gender, Human Values, Environment
4.	S.Y.B.A. Gen.	CC-1C (G-2)	Adhunik Kavya Tatha Vayvaharik Hindi	Human Values,
	S.Y.B.A. Gen.	CC-1D (G-2)	Adhunik Kavya Tatha Vayvaharik Hindi	Human Values, Environment
5.	S.Y.B.A. S-1	DSE-1A	Kavyashastra.	Human Values,
		DSE-1B (S-1)	Sahitya Ke Bhed	Professional Ethics
6.	S.Y.B.A. S-1	DSE-1A	Madhyayugin Kavya Tatha Upanyas.	Human Values,
		DSC-2B (S-2)	Madhyayugin Kavya Tatha Natak Sahitya.	Human Values
7.	S.Y.B.A	SEC-2A	Anuvad Swarup Evam Vyavhar.	Gender
8.	S.Y.B.A	SEC-2B	Madhyam Lekhan	(Professional Ethics
9.	T.Y.B.A. S-3	DSE 1 C (S3)	Hindi Sahitya Ka Itihas.	Gender, Human Values, Environment
		DSE 1 D (S3)	Hindi Sahitya Ka Itihas.- Adhunik Kal	Human Values, Environment
10.	T.Y.B.A. S-4	Elective 2 C (S4)	Bhashavigyan	Gender,
11.	T.Y.B.A.	Core Course -1E (G-3)	Kathetter Vidhaye	Gender, Human Values, Environment
12.	T.Y.B.A.	Core Course -1F (G-3)	Gazal Vidha.	Gender, Human Values
13.	M.A.	1	Madhyayugin Kavya	Gender, Human Values, Environment
14.	M.A.	2	Kathasahitya	Gender, Human Values, Environment
15.	M.A.	3	Bhartiya Kavyshastra	Gender

16.	M.A.	4	Natakkar Mohan Rakesh.	Gender, Human Values,
17.	M.A.	5.	Kathetter Gadya Sahitya.	Gender, Human Values, Environment
18.	M.A.	6.	Shodh Pravidhi	Professional Ethics
19.	M.A.	7.	Pachyatya Kavyshstra	Gender,
20.	M.A.	8.	Hindi Upnyas Sahitya.	Gender, Human Values, Environment
21.	M.A.	9.	Adhunik Kavya	Gender, Human Values, Environment
22.	M.A.	10.	Bhasha Vigyan	Gender,
23.	M.A.	11.	Hindi Sahitya Ka Itihas.	Gender, Human Values, Environment
24.	M.A.	12.	Sanchar Madhyam.	Gender,
25.	M.A.	13.	Adhunik Kavita	Gender, Human Values, Environment
26.	M.A.	14.	Hindi Bhasha Ka Vikas	Gender.
27.	M.A.	15.	Hindi Sahitya ka Vikas	Gender, Human Values,
28.	M.A.	16.	Bhartiya Loksahitya.	Gender, Human Values, Environment

संचाल

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K.J.Somaiya college of Arts, Commerce and Science, Kopargaon.
Department of Marathi

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	F.Y.B.A. Marathi	11021 A	मराठी साहित्य : कथा आणि भाषिक कौशल्य विकास (SEM-I)	Human Values, Professional Ethics
2	F.Y.B.A. Marathi	12021 A	मराठी साहित्य : एकांकिका आणि भाषिकौशल्य विकास (SEM-II)	Human Values, Professional Ethics
3	S.Y.B.A. Marathi	23023	भाषिक कौशल्यविकास आणि आधुनिक मराठी साहित्य प्रकार :- कादंबरी (SEM-III)	Human Values, Professional Ethics
4	S.Y.B.A. Marathi	24023	भाषिक कौशल्यविकास आणि आधुनिक मराठी साहित्य प्रकार :- ललित गद्य (SEM-IV)	Professional Ethics
5	S.Y.B.A. Marathi	23021	आधुनिक मराठी साहित्य : प्रकाशवाटा (SEM-III)	Human Values
6	S.Y.B.A. Marathi	24021	मध्ययुगीन मराठी साहित्य : निवडक मध्ययुगीन गद्य, पद्य (SEM-IV)	Human Values
7	S.Y.B.A. Marathi	23022	साहित्य विचार (SEM-III)	Human Values
8	S.Y.B.A. Marathi	24022	साहित्य समीक्षा (SEM-IV)	Human Values
9	S.Y.B.A. Marathi	23025	प्रकाशन व्यवहार आणि संपादन (SEC 2 A) (SEM-III)	Professional Ethics
10	S.Y.B.A. Marathi	24025	उपयोजित लेखन कौशल्य (SEC 2 B) (SEM-IV)	Professional Ethics
11	T.Y.B.A. Marathi	36023	भाषिक कौशल्य विकास आणि आधुनिक मराठी साहित्य प्रकार : प्रवासवर्णन (SEM-V)	Professional Ethics
12	T.Y.B.A. Marathi	36023	भाषिक कौशल्य विकास आणि आधुनिक मराठी साहित्य प्रकार : कविता (SEM-VI)	Professional Ethics
13	T.Y.B.A. Marathi	35021	मध्ययुगीन मराठी वाङ्मयाचा इतिहास -प्रारंभ ते १६०० (SEM-V)	Human Values
14	T.Y.B.A. Marathi	36021	मध्ययुगीन मराठी वाङ्मयाचा इतिहास - १६०१ ते १८१७ (SEM-VI)	Human Values
15	T.Y.B.A. Marathi	35022	वर्णनात्मक भाषाविज्ञान -भाग - १ (SEM-V)	Human Values

16	T.Y.B.A. Marathi	36022	वर्णनात्मक भाषाविज्ञान - भाग – 2 (SEM-VI)	Human Values
17	T.Y.B.A. Marathi	35025	कार्यक्रम संयोजनातील भाषिक कौशल्य भाग - 1(SEM-V)	Professional Ethics
18	T.Y.B.A. Marathi	36025	कार्यक्रम संयोजनातील भाषिककौशल्य भाग – 2 (SEM-VI)	Professional Ethics
19	F.Y.B.Com Marathi	117-B	भाषा साहित्य आणि कौशल्य विकास - उत्कर्षवाटा (SEM-I)	Human Values, Professional Ethics
20	F.Y.B.Com Marathi	127-B	भाषा आणि कौशल्य विकास (SEM-II)	Professional Ethics
21	S.Y.B.Sc. Marathi	22331	मराठी साहित्य (SEM-III)	Professional Ethics
22	S.Y.B.Sc. Marathi	24331	मराठी साहित्य-मराठी कथा दर्शन (SEM-IV)	Human Values

प्रा. डॉ. गणेश देशमुख
सहयोगी प्राध्यापक व मराठी विभाग प्रमुख
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K.J.Somaiya college of Arts, Commerce and Science, Kopargaon.

Department of Marathi

List of Courses addresses cross cutting 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	F.Y.B.A. Marathi	1024 (G1)	व्यावहारिक व उपयोजित मराठी आणि पाठ्यपुस्तक- मराठी विनोदी कथा (SEM-I)	Professional Ethics
2	F.Y.B.A. Marathi	1024 (G1)	व्यावहारिक व उपयोजित मराठी आणि पाठ्यपुस्तक- मातृपंचक (SEM-II)	Professional Ethics
3	S.Y.B.A. Marathi	2027 (G2)	आधुनिक मराठी साहित्य आणि उपयोजित मराठी- चरित्र-जीवनवेध (SEM-III)	Professional Ethics
4	S.Y.B.A. Marathi	2027 (G2)	आधुनिक मराठी साहित्य आणि उपयोजित मराठी- आत्मचरित्र - माझी जडणघडण (SEM-IV)	Professional Ethics
5	S.Y.B.A. Marathi	2028 (S1)	मराठी साहित्यातील विविध साहित्य प्रकार-नाटक - नटसम्राट (SEM-III)	Human Values
6	S.Y.B.A. Marathi	2028 (S1)	मराठी साहित्यातील विविध साहित्य प्रकार- कादंबरी - फकिरा (SEM-IV)	Human Values
7	S.Y.B.A. Marathi	2029 (S2)	अर्वाचीन मराठी वाङ्मयाचा इतिहास (इ.स.१८१८ ते १९२०) (SEM-III)	Human Values
8	S.Y.B.A. Marathi	2029 (S2)	अर्वाचीन मराठी वाङ्मयाचा इतिहास (इ.स.१९२१ ते १९६०) (SEM-IV)	Human Values
9	T.Y.B.A. Marathi	3027 (G3)	आधुनिक मराठी साहित्य आणि व्यावहारिक व उपयोजित मराठी-ग्रंथ परीक्षण व विचारधारा (SEM-V)	Human Values
10	T.Y.B.A. Marathi	3027 (G3)	आधुनिक मराठी साहित्य आणि व्यावहारिक व उपयोजित मराठी प्रवासवर्णन - देशविदेश (SEM-VI)	Human Values
11	T.Y.B.A. Marathi	3028 (S3)	साहित्यविचार भाग -१ (SEM-V)	Professional Ethics

12	T.Y.B.A. Marathi	3028 (S3)	साहित्यविचार भाग -२ (SEM-VI)	Professional Ethics
13	T.Y.B.A. Marathi	3029 (S4)	भाषाविज्ञान - वर्णनात्मक (SEM-V)	Human Values
14	T.Y.B.A. Marathi	3029 (S4)	भाषाविज्ञान -ऐतिहासिक (SEM-VI)	Human Values
15	F.Y.Com Marathi	1521	मराठी-पुनर्रचित अभ्यासक्रम- पाठ्यपुस्तक -यशोगाथा (SEM-I)	Human Values
16	F.Y.Com Marathi	1521	व्यावहारिक आणि उपयोजित मराठी (SEM-II)	Human Values
17	S.Y.B.Sc Marathi	83111	मराठी विज्ञान साहित्य आणि व्यावहारिक मराठी - विज्ञानसृष्टी (SEM-I)	Human Values
18	S.Y.B.Sc Marathi	83112	व्यावहारिक मराठी (SEM-II)	Human Values

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Department of History

## 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	B. A History	G1	Chh.Shivaji and His Times	Human Values
2	B. A History	G2	Modern India (1857-1950)	Human Values
3	B. A History	Spl-1	Ancient India (3000 B.C. to 1206 AD)	Human Values
4	B. A History	Spl-2	History of Modern Maharashtra (1818 to 1960)	Human Values
5	B. A History	G3	History of The World in 20 Century (1914-1992)	Human Values
6	B. A History	Spl-3	INTRODUCTION TO HISTORY	Human Values
7	B. A History	Spl-4	HISTORY OF ASIA IN 20TH CENTURY (1914 – 1992)	Human Values
8	M.A History	CC-01	History and its Theory	Human Values
9	M.A History	CC- 02	Evolution of Ideas and Institutions in Ancient India	Human Values
10	M.A History	CC-03	Maratha Polity	Human Values
11	M.A History	OC-01	Cultural History of Maharashtra	Human Values
12	M.A History	CC-04	History and its Practice	Human Values
13	M.A History	CC-05	Evolution of Ideas and Institutions in Medieval India	Human Values
14	M.A History	CC-06	Socio-economic History of the Marathas	Human Values
15	M.A History	OC-07	Marathas in 17th and 18th century Power Politics	Human Values
16	M.A History	CC-07	Ancient and Medieval Civilizations of the World	Human Values
17	M.A History	CC-08	Debates in Indian History	Human Values
18	M.A History	CC-09	Economic History of Modern India	Human Values
19	M.A History	OC-14	British Administrative policies in India, 1765-1892	Human Values
20	M.A History	CC-10	History of Modern India (1857-1971)	Human Values
21	M.A History	CC-11	Intellectual History of the	Human Values
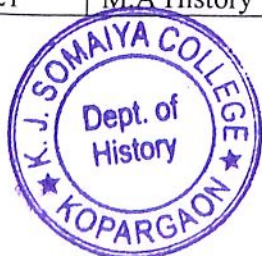
|			Modern West	
22	M.A History	CC-12	World after World War II (1945-2000)	Human Values
23	M.A History	OC-19	Maharashtra in the 20th Century	Human Values

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	B.A History	G-1	Early India: From Prehistory to the Age of the Mauryas	Human Values
2	B.A History	G-1	Early India: Post Mauryan Age to the Rashtrakutas	Human Values
3	B.A History	CC-1(3)	History of the Marathas: (1630-1707)	Human Values
4	B.A History	DSE-1A (3)	Medieval India - Sultanate Period	Human Values
5	B.A History	DSE-2A (3)	Glimpses of the Modern World - Part I	Human Values
6	B.A History	SEC -2 A (2)	Tourism Management	Human Values
7	B.A History	CC-2	History of Marathas (1707-1818)	Human Values
8	B.A History	DSE-1B(3)	Medieval India – Mughal Period	Human Values
9	B.A History	DSE-2B (3)	Glimpses Of the Modern World Part-2	Human Values
10	B.A History	SEC-2B (2)	Travel Agency and Tour business	Human Values
11	B.A History	CC- 3(3)	Indian National Movement (1885-1947)	Human Values
12	B.A History	DSE-3 C (3)	Introduction to Historiography	Human Values
13	B.A History	DSE-4 D (3)	8.Maharashtra in the 19th Century	Human Values
14	B.A History	SEC 2 C (2)	Museology Fourier Series	Human Values
15	B.A History	CC- 4(3)	India After Independence-(1947-1991)	Human Values
16	B.A History	DSE-3 C (3)	Applied History	Human Values
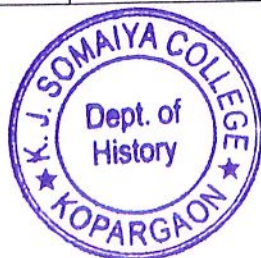
17	B.A History	DSE-4 D (3)	Maharashtra in the 20th Century	Human Values
18	B.A History	SEC 2 D (2)	Archaeology	Human Values
19	M.A History	CC-01	History: Theory and Method	Human Values
20	M.A History	CC-02	Evolution of Ideas and Institutions in Early India	Human Values
21	M.A History	CC-03	Maratha Polity	Human Values
22	M.A History	EC-01	History of the Deccan: Pre-History to Chalukya	Human Values
23	M.A History	CC-04	Approaches to History	Human Values
24	M.A History	CC-05	Ideas and Institutions in Medieval India	Human Values
25	M.A History	CC-06	Socio-Economic History of the Marathas	Human Values
26	M.A History	EC-09	Marathas in 17th and 18th century: Power Politics	Human Values
27	M.A History	CC-07	Cultural History of Maharashtra	Human Values
28	M.A History	CC-08	Intellectual History of the Modern World	Human Values
29	M.A History	CC-09	Economic History of Modern India	Human Values
30	M.A History	EC-18	East Asia: Japan (1853-2000)	Human Values
31	M.A History	CC-10	Modern Maharashtra: History of Ideas	Human Values
32	M.A History	CC-11	Debates in Indian Historiography	Human Values
33	M.A History	CC-12	World after World War II (1945-2000)	Human Values
34	M.A History	EC- 28	Modern India	Human Values
35	M.A History	10091	HUMAN RIGHTS - I	Human Values
36	M.A History	10092	INTRODUCTION TO CYBER SECURITY - I	Professional Ethics
37	M.A History	20091	HUMAN RIGHTS - II	Human Values
38	M.A History	20092	INTRODUCTION TO CYBER SECURITY - II	Professional Ethics
39	M.A History	30092	INTRODUCTION TO CYBER SECURITY - III	Professional Ethics
40	M.A History	30094	SKILL DEVELOPMENT - I	Human Values
41	M.A History	40092	INTRODUCTION TO CYBER SECURITY - IV	Professional Ethics
42	M.A History	40094	SKILL DEVELOPMENT - II	Human Values
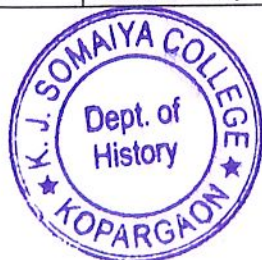
Kopargaon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce &
Science, Kopargaon Dist. A. Nagar
Dept of Political Science

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	FYBA (Sem.I)	11161	Introduction to Constitution	Human Values
2	FYBA (Sem.II)	12161	Introduction to Constitution	Professional Ethics
3	SYBA (Sem.III)	CC1-1C	An Introduction to Political Ideology	Professional Ethics
4	SYBA (Sem.IV)	CC1-1D	An Introduction to Political Ideology	Human Values
5	SYBA (Sem.III)	DSE-1A	Western Political Thought	Professional Ethics
6	SYBA (Sem.IV)	DSE-1B	Western Political Thought	Human Values
7	SYBA (Sem.III)	DSE-2A	Political Journalism	Professional Ethics
8	SYBA (Sem.IV)	DSE-2B	Political Journalism	Professional Ethics
9	SYBA (Sem.III)	SEC-2A	Basic of Indian Constitution	Human Values
10	SYBA (Sem.IV	SEC-2B	Basic of Indian Constitution	Human Values
11	TYBA (Sem.V)	CC-1E	Local Self Government in Maharashtra	Professional Ethics
12	TYBA(Sem.VI)	CC-2E	Local Self Government in Maharashtra	Professional Ethics
13	TYBA (Sem.V)	DSE-1C	Public Administration	Professional Ethics
14	TYBA (Sem.VI)	DSE-1D	Public Administration	Professional Ethics
15	TYBA (Sem.V)	DSE-2C	International Relations	Professional Ethics
16	TYBA (Sem.VI)	DSE-2D	International Relations	Professional Ethics
17	TYBA (Sem.V)	SEC-2C	Samyukt Maharashtra Movement	Human Values
18	TYBA (Sem.VI)	SEC-2D	Samyukt Maharashtra	Human Values

			Movement	
19	MA –I (Sem.I)	PO-C1	Tradition of Political Thought	Human Values
20	MA –I (Sem.I)	PO-C2	Administrative Theory	Professional Ethics
21	MA –I (Sem.I)	PO-C3	Political Institution in India	Professional Ethics
22	MA –I (Sem.I)	PO-O4	Party System in India	Professional Ethics
23	MA –I (Sem.II)	PO-C4	Comparative Political Analysis	Professional Ethics
24	MA –I (Sem.II)	PO-C5	Theory of International Politics	Professional Ethics
25	MA –I (Sem.II)	PO-C6	Public Policy	Professional Ethics
26	MA –I (Sem.II)	PO-O5	Politics and the Media	Professional Ethics
27	MA – II (Sem.III)	PO-C7	Modern Political Thought	Human Values
28	MA – II (Sem.III)	PO-C8	Political Sociology	Human Values
29	MA – II (Sem.III)	PO-C9	World Politics New Developments	Professional Ethics
30	MA – II (Sem.III)	PO-O9	Indian Administration Structure and Organization	Professional Ethics
31	MA – II (Sem.IV)	PO-C10	Fundamentals of Political Theory	Human Values
32	MA – II (Sem.IV)	PO-C11	Political Process in India	Professional Ethics
33	MA – II (Sem.IV)	PO-C12	Politics and Society	Human Values
34	MA – II (Sem.IV)	PO-O15	Election Studies	Professional Ethics

PRINCIPAL
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Kopargaon -

List of 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	Political Science	Human Rights	CC.014	2017-18	Human Values

List of Add-on/Value Added Courses

Sr. No.	Department	Name of Certificate Course	Course Code	Year of Offering	Addressed issue (Professional Ethics, Gender, Human Values, Environment and Sustainability)
1	All PG (I Sem.)	Human Rights	10091	2019-20	Human Values
	All PG (II Sem.)	Human Rights	20091	2019-20	
2	All PG (Sem. III)	Introduction to Constitution	30095	2019-20	Human Values
3	All PG (Sem. III)	Skill Development	30094	2019-20	Professional Ethics
4	All PG (Sem. IV)	Skill Development	40094	2019-20	Professional Ethics
5	All PG (I Sem.)	Cyber Security	10092	2019-20	Professional Ethics
6	All PG (II Sem.)	Cyber Security	20092	2019-20	Professional Ethics
7	All PG (III Sem.)	Cyber Security	30092	2019-20	Professional Ethics
8	All PG (IV Sem.)	Cyber Security	40092	2019-20	Professional Ethics

PRINCIPAL
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Kopargaon

Department of Political Science

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	FYBA	G1	Indian Government and Politics	Human Values
2	SYBA	G2	Government and Politics of U.K., U.S.A	Professional Ethics
3	SYBA	S1	Western Political Thought	Human Values
4	SYBA	S2	Political Sociology	Human Values
5	TYBA	G3	Political Ideologies	Professional Ethics
6	TYBA	S3	Public Administration	Professional Ethics
7	TYBA	S4	International Politics	Professional Ethics
8	MA –I (Sem.I)	PO-C1	Political Theory	Professional Ethics
9	MA –I (Sem.I)	PO-C2	Public Administration	Professional Ethics
10	MA –I (Sem.I)	PO-C3	Political Institutions in India	Professional Ethics
11	MA –I (Sem.I)	PO-O2	Political Thinkers in Modern Maharashtra	Human Values
12	MA –I (Sem.II)	PO-C4	Public policy	Professional Ethics
13	MA –I (Sem.II)	PO-C5	Issues in World Politics	Professional Ethics
14	MA –I (Sem.II)	PO-C6	Comparative Politics	Professional Ethics
15	MA –I (Sem.II)	PO-O5	Political Process in Maharashtra	Professional Ethics
16	MA – II (Sem.III)	PO-C7	Political Thinking In Modern India	Human Values
17	MA – II (Sem.III)	PO-C8	Political Sociology	Human Values
18	MA – II (Sem.III)	PO-C9	Theory Of International Relations	Professional Ethics
19	MA – II (Sem.III)	PO-O10	Indian	Professional Ethics

			Administration	
20	MA – II (Sem.IV)	PO-C10	Traditions Of Political Thought	Human Values
21	MA – II (Sem.IV)	PO-C11	Political Process In India	Professional Ethics
23	MA – II (Sem.IV)	PO-C12	Political Participation	Professional Ethics
24	MA – II (Sem.IV)	PO-O14	Party System In India	Professional Ethics

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Kopargaon, Ahmednagar, (M. S.)

DEPARTMENT OF ECONOMICS

Crosscutting Issues

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

Sr. No.	Program Name	Course code	Name of Course	Addressed issue (Professional Ethics, Gender, Human Values, Environment and Sustainability)
1	B.A. Economics	1157	Indian Economy: Problems & Prospects	Environment and Sustainability
2	B.A. Economics	2158	Micro Economics	Professional Ethics
3	B.A. Economics	2159	Macro Economics	Professional Ethics
4	B.A. Economics	2157	Modern Banking	Professional Ethics
5	B.A. Economics	3158	International Economics	Professional Ethics
6	B.A. Economics	3159	Public Finance	Professional Ethics
7	B.A. Economics	3157	Economic Development & Planning	Professional Ethics
8	B.Com Economics	101	Business Economics (Micro)	Professional Ethics
9	M.A. Part-I SEM-I	EC-1001	Micro Eco Analysis-I	Professional Ethics
10	M.A. Part-I SEM-I	EC-1002	Public Economics-I	Professional Ethics
11	M.A. Part-I SEM-I	EC-1003	International Trade	Professional Ethics
12	M.A. Part-I SEM-I	EC-1005	Labour Economics	Professional Ethics
13	M.A. Part-I SEM-II	EC-2001	Micro Eco Analysis-II	Professional Ethics
14	M.A. Part-I SEM-II	EC-2002	Public Economics-II	Professional Ethics
15	M.A. Part-I SEM-II	EC-2003	International Finance	Professional Ethics
16	M.A. Part-I SEM-II	EC-2004	Agricultural Economics	Professional Ethics
17	M.A. Part-II SEM-III	EC-3001	Macro Eco Analysis-I	Professional Ethics
18	M.A. Part-II SEM-III	EC-3002	Growth & Development-I	Professional Ethics
19	M.A. Part-II SEM-III	EC-3003	Modern Banking	Professional Ethics
20	M.A. Part-II SEM-III	EC-3004	Economics Of Finance	Professional Ethics
21	M.A. Part-II SEM-IV	EC-4001	Macro Eco Analysis-II	Professional Ethics
22	M.A. Part-II SEM-IV	EC-4002	Growth & Development-II	Professional Ethics
23	M.A. Part-II SEM-IV	EC-4003	Research Methodology	Professional Ethics
24	M.A. Part-II SEM-IV	EC-4004	Rural Development	Professional Ethics

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

Sr. No.	Program Name	Course code	Name of Course	Addressed issue (Professional Ethics, Gender, Human Values, Environment and Sustainability)
1	B.A. Economics	11151	Indian Economics Environment-I	Environment and Sustainability
2	B.A. Economics	12151	Indian Economics Environment-II	Environment and Sustainability

3	B.Com Economics	113	Business Economics-I (Micro)	Professional Ethics
4	B.Com Economics	123	Business Economics-II (Micro)	Professional Ethics
5	First Years All Class SEM-II	----	Democracy	Professional Ethics, Human Values, Environment and Sustainability
6	B.A. Economics	CC-1C-23153	Financial System-I	Professional Ethics
7	B.A. Economics	CC-1D-24153	Financial System-II	Professional Ethics
8	B.A. Economics	DSE-1A-23151	Micro Economics-I	Professional Ethics
9	B.A. Economics	DSE-1B-24151	Micro Economics-II	Professional Ethics
10	B.A. Economics	DSE-2A 23152	Macro Economics-I	Professional Ethics
11	B.A. Economics	DSE-2B 24152	Macro Economics-II	Professional Ethics
12	B.A. Economics	SEC-I SEC-2A	Basic Concept Of Research Methodology-I	Professional Ethics
13	B.A. Economics	SEC-II SEC 2B	Basic Concept Of Research Methodology-II	Professional Ethics
14	B.A. Economics	35151	International Economics-I	Professional Ethics
15	B.A. Economics	36151	International Economics-II	Professional Ethics
16	B.A. Economics	35152	Public Finance-I	Professional Ethics
17	B.A. Economics	36152	Public Finance-II	Professional Ethics
18	B.A. Economics	35153	Indian Economic Development-I	Environment and Sustainability
19	B.A. Economics	36153	Indian Economic Development-II	Environment and Sustainability
20	B.A. Economics	SEC-III SEC-3A	Business Management-I	Professional Ethics
21	B.A. Economics	SEC-IV SEC-3A	Business Management-II (Project)	Professional Ethics
22	M.A. Part-I SEM-I	EC-1001	Micro Eco Analysis-I	Professional Ethics
23	M.A. Part-I SEM-I	EC-1002	Public Economics-I	Professional Ethics
24	M.A. Part-I SEM-I	EC-1003	International Trade	Professional Ethics
25	M.A. Part-I SEM-I	EC-1004	Agricultural Economics	Professional Ethics
26	M.A. Part-I SEM-II	EC-2001	Micro Eco Analysis-II	Professional Ethics
27	M.A. Part-I SEM-II	EC-2002	Public Economics-II	Professional Ethics
28	M.A. Part-I SEM-II	EC-2003	International Finance	Professional Ethics
29	M.A. Part-I SEM-II	EC-2004	Labour Economics	Professional Ethics
30	M.A. Part-II SEM-III	EC-3001	Macro Eco Analysis-I	Professional Ethics
31	M.A. Part-II SEM-III	EC-3002	Growth & Development-I	Professional Ethics
32	M.A. Part-II SEM-III	EC-3003	Research Methodology-I	Professional Ethics
33	M.A. Part-II SEM-III	EC-3004	Demography	Professional Ethics

34	M.A. Part-II SEM-IV	EC-4001	Macro Eco Analysis-II	Professional Ethics
35	M.A. Part-II SEM-IV	EC-4002	Growth & Development-I	Professional Ethics
36	M.A. Part-II SEM-IV	EC-4003	Research Project	Professional Ethics
37	M.A. Part-II SEM-IV	EC-4004	Economics of Environment	Environment and Sustainability

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	Economics	Financial Literacy	CC.002	2018-19	Professional Ethics

Kopargaon Taluka Education Society's

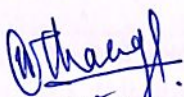# K. J. Somaiya College of Arts, Commerce & Science, Kopargaon
Crosscutting Issues in Syllabus of Geography

Crosscutting Issues in 2019 Pattern:

Sr. No.	Class	Course Code	Course Name	Addressed issues
1.	B. A. Geography	SEC-2B	(Value/skill based course) IV SEC 2 B Introduction to Remote Sensing	Professional Ethics
2.	B. A. Geography	SEC- 2C	(Value/skill based Course) SEC 2C Research Methodology – I	Professional Ethics
3.	B. A. Geography	SEC- 2D	Value/skill based course) SEC 2 D Research Methodology – II	Professional Ethics
4.	M.A./M.Sc. Geography	GGDT130	Geography of Tourism	Professional Ethics
5.	M.A./M.Sc. Geography	GGUT 251	Research Methodology	Professional Ethics
6.	B. A. Geography	Gg: 220(A)	Geography of Maharashtra – I	Gender, Environment & Sustainability
7.	B. A. Geography	Gg: 220(B)	Geography of Maharashtra – II	Gender, Environment & Sustainability
8.	M.A. /M.Sc. Geography	GGDT-114	Principles of Population and Settlement Geography	Gender
9	M.A /M.Sc. Geography	GGUT239	Urban Geography	Human Values & Professional Ethics
10.	B.A. Geography	Gg: 210(A)	Economic Geography I	Professional Ethics
11.	B.A. Geography	Gg: 210(B)	Economic Geography II	Professional Ethics
12.	B.A. Geography	SEC 2 A	(Value/skill based course) III Introduction to Geographical Information System	Professional Ethics
13.	B.A. Geography	Gg: 310(A)	Geography of Tourism-I	Environment and Sustainability Gender, Professional Ethics

14.	B.A. Geography	Gg: 310(B)	Geography of Tourism-I	Environment and Sustainability Gender, Professional Ethics
15.	M.A. /M.Sc. Geography	GGUT112	Principles of Climatology	Environment and Sustainability
16.	M.A. /M.Sc. Geography	GGUT 243	Watershed Management	Environment and Sustainability

Dr. G. K. Chavhan

Head, Dept. of Geography

Dr. V. C. Thange

IQAC, Coordinator

Dr. B. S. Yadav

Principal

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce & Science, Kopargaon
Crosscutting Issues in Syllabus of Geography

Crosscutting Issues in 2013 Pattern:

Sr. No.	Class	Course Code	Course Name	Addressed issues
1	B. A. Geography	Gg-220(S-1)	SYBA: Economic Geography OR Tourism Geography	Professional Ethics
2	B. A. Geography	Gg-201(S-2)	SYBA: Fundamentals of Geographical Analysis	Professional Ethics
3	B. A. Geography	Gg-301(S-4)	TYBA: Techniques of Spatial Analysis	Professional Ethics
4	M.A /M.Sc Geography	Gg-105	F Y MA: Practical in Physical Geography (Sem-I)	Professional Ethics
5	M.A /M.Sc Geography	Gg-106	F Y MA: Practical in Human Geography	Professional Ethics
6	M.A /M.Sc Geography	Gg-223	Geography of Rural Settlement	Professional Ethics
7	M.A /M.Sc Geography	Gg-202	F Y MA: Practical in Cartography(Sem-II)	Professional Ethics
8	M.A /M.Sc Geography	Gg-203	F Y MA: Practical in Surveying and Field visit(Sem-II)	Professional Ethics
9	M.A /M.Sc Geography	Gg-204	F Y MA: Geography of Tourism(Sem-II)	Professional Ethics
10	M.A /M.Sc Geography	Gg-207	F Y MA: Practical in Terrain Analysis(Sem-II)	Professional Ethics
11	M.A /M.Sc Geography	Gg-333	S Y MA: Population & Settlement Geography (Sem-III)	Professional Ethics
12	M.A /M.Sc Geography	Gg-302	S Y MA: Interpretation of Topographical Maps & Village Survey / Project work	Professional Ethics
13	M.A /M.Sc Geography	Gg-303	S Y MA: Research Method in Geography(Sem-III)	Professional Ethics
14	M.A /M.Sc Geography	Gg-305	S Y MA: Practical in Watershed analysis(Sem-III)	Professional Ethics
15	M.A /M.Sc Geography	Gg-441	S Y MA: Principles of Regional Geography & Project work	Professional Ethics
16	M.A /M.Sc Geography	Gg-420	S Y MA: Regional Planning and Development(Sem-IV)	Professional Ethics
17.	B. A. Geography	Gg-320(S-3)	TYBA: Population and Settlement Geography	Gender
18.	M.A /M.Sc Geography	Gg.-104	FYMA: Principles of Population and Settlement Geography	Gender

19.	B. A. Geography	Gg-310(G-3)	TYBA: Regional Geography of India OR Human Geography	Human Values
20.	M.A /M.Sc Geography	Gg-321	SYMA: Political Geography	Human Values
21.	M.A /M.Sc Geography	Gg-304	SYMA: Social &Cultural Geography(Sem-III)	Human Values
22.	M.A /M.Sc Geography	Gg-404	SYMA: Geography of Food Security of India	Human Values
23.	M.A /M.Sc Geography	Gg-405	SYMA: Geography of Health	Human Values
24.	M.A /M. Sc Geography	Gg- 407	SYMA: Regional Geography of SAARC countries	Human Values
25.	B. A. Geography	Gg-110 (G-1)	FYBA: Elements of Geomorphology	Environment and Sustainability
26.	B. A. Geography	Gg-210(G-2)	SYBA: Elements of Climatology and Oceanography OR Geography of Disaster Management	Environment and Sustainability
27.	M.A /M.Sc Geography	Gg.-101	FYMA: Principles of Geomorphology(Sem-I)	Environment and Sustainability
28.	M.A /M.Sc Geography	Gg.-102	FYMA: Principles of Climatology(Sem-I)	Environment and Sustainability
29.	M.A /M.Sc Geography	Gg-213	FYMA: Population Geography(Sem-II)	Professional Ethics & Human Value
30.	M.A /M.Sc Geography	Gg-205	FYMA: Geography of Disaster Management (Sem-II)	Environment and Sustainability
31.	M.A /M.Sc Geography	Gg- 313	SYMA: Urban Geography	Environment, Professional Ethics, Human Value
32.	M.A /M.Sc Geography	Gg-103	FYMA: Prin. Of Economic Geography	Environment and Sustainability Professional Ethics
33.	F.Y.B. Com		FYBCOM: Commercial Geography	Professional Ethics

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Kopargaon Taluka Education Society's

K.J. Somaiya College of Arts, Commerce and Science

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Faculty of Commerce & Management

Cross Cutting Issues 2013 Pattern & 2019 (CBSC) Pattern

K.J.Somaiya College of Arts, Commerce & Science Kopargaon

Faculty of Commerce & Management

Cross Cutting Issues in Core Subjects

F.Y.B.Com 2019 Pattern (CBCS) (Sem. –I)

Sr. No	Class	Subject	Course Syllabus	Cross Cutting Issue
1	F.Y.B.Com 2019 Pattern	Financial Accounting-I	Accounting Concepts, Conventions Of Emerging Trends In Accounting	Professional Ethics
			Piecemeal Distribution Of Cash	Professional Ethics
			Accounts From Incomplete Records	Professional Ethics
			Introduction To Goods And Services Tax Laws And Accounting	Professional Ethics
2	F.Y.B.Com 2019 Pattern	Business Economics - I	Introduction And Basic Concepts	Professional Ethics
			Consumer Behaviour	Human Values
			Demand And Supply Analysis	Professional Ethics
			Production Analysis	Professional Ethics
3	F.Y.B.Com 2019 Pattern	Business Mathematics & Statistics- I	Interest And Annuity	Professional Ethics
			Shares And Mutual Funds	Professional Ethics
			Population And Sample	Professional Ethics
			Measures Of Central Tendency And Measures Of Dispersion	Professional Ethics
4	F.Y.B.Com 2019 Pattern	Computer Concepts And Application - I	Introduction To Computer And Operating System	Professional Ethics / Professional Ethics
			Office Automation Tools	Professional Ethics
			Introduction To Computer Network	Professional Ethics / Professional Ethics
			Computer Applications In Commerce	Professional Ethics / Professional Ethics
5	F.Y.B.Com 2019 Pattern	Organizational Skills Development- I	Concept Of Modern Office	Professional Ethics
			Office Organisation And Management	Professional Ethics / Professional Ethics
			Office Records Management	Professional Ethics / Professional Ethics
			Office Work	Professional Ethics
6	F.Y.B.Com	Marketing And	Introduction To Market And Marketing	Professional Ethics

			Market Segmentation And Marketing Mix	Professional Ethics
	2019 Pattern	Salesmanship- I	Product Mix And Price Mix	Professional Ethics Professional Ethics
			Place Mix And Promotion Mix	Professional Ethics Human Values
7.	F.Y.B.Com 2019 Pattern	Computerised Accounting	Computerised Accounting	Professional Ethics Sustainability
			Tally Software	Professional Ethics Sustainability
			Voucher Entry in Tally Software	Professional Ethics Sustainability
			Ledger and financial statements in Tally Software	Professional Ethics Sustainability
8.	F.Y.B.Com 2019 Pattern	Value Education	Concepts of Value Education	Human Values
			Ethics and Moral Values	Human Values
			Gender Equity	Gender
			Ethics, Moral Values and Culture	Human Values
			Human Rights	Human Values & Gender Sensitization
			Awareness of values and ethics in economic progress	Sustainability
			Concept of Morality and Moral Education	Human Values

Head
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Co ordinator
IQAC, K. J. Somaiya College
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Principal
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Faculty of Commerce & Management
Cross Cutting Issues in Core Subjects
T.Y.B.Com 2019 Pattern (CBCS) (Sem. –V)

Sr. No	Class	Subject	Course Syllabus	Cross Cutting Issue
1	T.Y.B.Com 2019 Pattern	Business Regulatory Framework - I	The Indian Contract Act, 1872	Professional Ethics
			The Indian Partnership Act,1932	Professional Ethics
			The Sale Of Goods Act, 1930	Professional Ethics
			Arbitration And Conciliation	Professional Ethics
2	T.Y.B.Com 2019 Pattern	Advanced Accounting – I	Accounting Standards & Financial Reporting	Professional Ethics
			Accounting For Capital Restructuring (Internal Reconstruction)	Professional Ethics
			Final Accounts of Banking Companies	Professional Ethics
			Investment Accounting	Professional Ethics
3	T.Y.B.Com 2019 Pattern	Indian & Global Economic Development - I	Indian And Global Economy	Skill Enrichment
			Agricultural Development In India	Business Ethics Professional Ethics
			Industrial Development In India	Organisational Behaviour
			Service Sector And Infrastructural Development In India	Skill Enrichment Professional Ethics
4	T.Y.B.Com 2019 Pattern	Auditing & Taxation - I	Introduction To Principles Of Auditing And Audit Process.	Professional Ethics
			Vouching And Audit Report	Professional Ethics
			Company Audit And Tax Audit	Professional Ethics
			Audit Of Computerized Systems & Forensic Audit	Professional Ethics
5	T.Y.B.Com 2019 Pattern	Cost And Works Accounting . Special Paper	Overheads	Professional Ethics
			Accounting Of Overheads (Part-I)	Professional Ethics
			Accounting Of Overheads (Part-II)	Professional Ethics
			Activity Based Costing	Professional Ethics
6	T.Y.B.Com 2019 Pattern	Cost And Works	Marginal Costing	Professional Ethics
			Budgetary Control	Professional Ethics

		Accounting	Uniform Costing And Inter-Firm Comparison	Professional Ethics
		Special	MIS And Supply Chain Management	Professional Ethics
		Paper III		

Head
Department of Commerce
Department of Commerce
K. J. Somaiya College, Kopargaon
Kopargaon

Co ordinator
IQAC, K. J. Somaiya College
Kopargaon, Dist. A.Nagar

Principal
K. J. Somaiya College of Arts
Commerce & Science, Kopargaon

Kopargaon Taluka Education Society's

K.J. Somaiya College of Arts, Commerce & Science, Kopargaon
Department of BBA_CA

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	BBA_CA	CA_101	Business Communication Skills	Professional Ethics
2	BBA_CA	CA_102	Principles of Management	Professional Ethics
3	BBA_CA	CA_103	C Language	Professional Ethics
4	BBA_CA	CA_104	Database Management System	Professional Ethics
5	BBA_CA	CA_105	Statistics	Professional Ethics
6	BBA_CA	CA_106	Computer Laboratory Based on 103 &104	Professional Ethics
7	BBA_CA	CA_107	Add-On (PPA)	Professional Ethics
8	BBA_CA	CA_201	Organization Behavior & Human Resource Management	Professional Ethics
9	BBA_CA	CA_202	Financial Accounting	Professional Ethics
10	BBA_CA	CA_203	Business Mathematics	Professional Ethics
11	BBA_CA	CA_204	Relational database	Professional Ethics
12	BBA_CA	CA_205	Web Technology HTML-JS-CSS	Professional Ethics
13	BBA_CA	CA_206	Computer Laboratory Based on 204 & 205	Professional Ethics
14	BBA_CA	CA_207	Add-On (Advance C)	Professional Ethics
15	BBA_CA	CA_301	Digital Marketing	Professional Ethics
16	BBA_CA	CA_302	Data Structure	Professional Ethics
17	BBA_CA	CA_303	Software Engineering	Professional Ethics
18	BBA_CA	CA_304	PHP	Professional Ethics
19	BBA_CA	CA_305	Big data	Professional Ethics
20	BBA_CA	CA_306	Computer Laboratory Based on 302, 304 and 305	Professional Ethics
21	BBA_CA	CA_307	Environment Awareness	Professional Ethics
22	BBA_CA	CA_401	Networking	Professional Ethics
23	BBA_CA	CA_402	Object Oriented Concepts Through CPP	Professional Ethics
24	BBA_CA	CA_403	Operating System	Professional Ethics
25	BBA_CA	CA_404	Advance PHP	Professional Ethics
26	BBA_CA	CA_405	Project	Professional Ethics
27	BBA_CA	CA_406	Computer Laboratory Based on 402,404	Professional Ethics
28	BBA_CA	CA_407	ADD-On	Professional Ethics

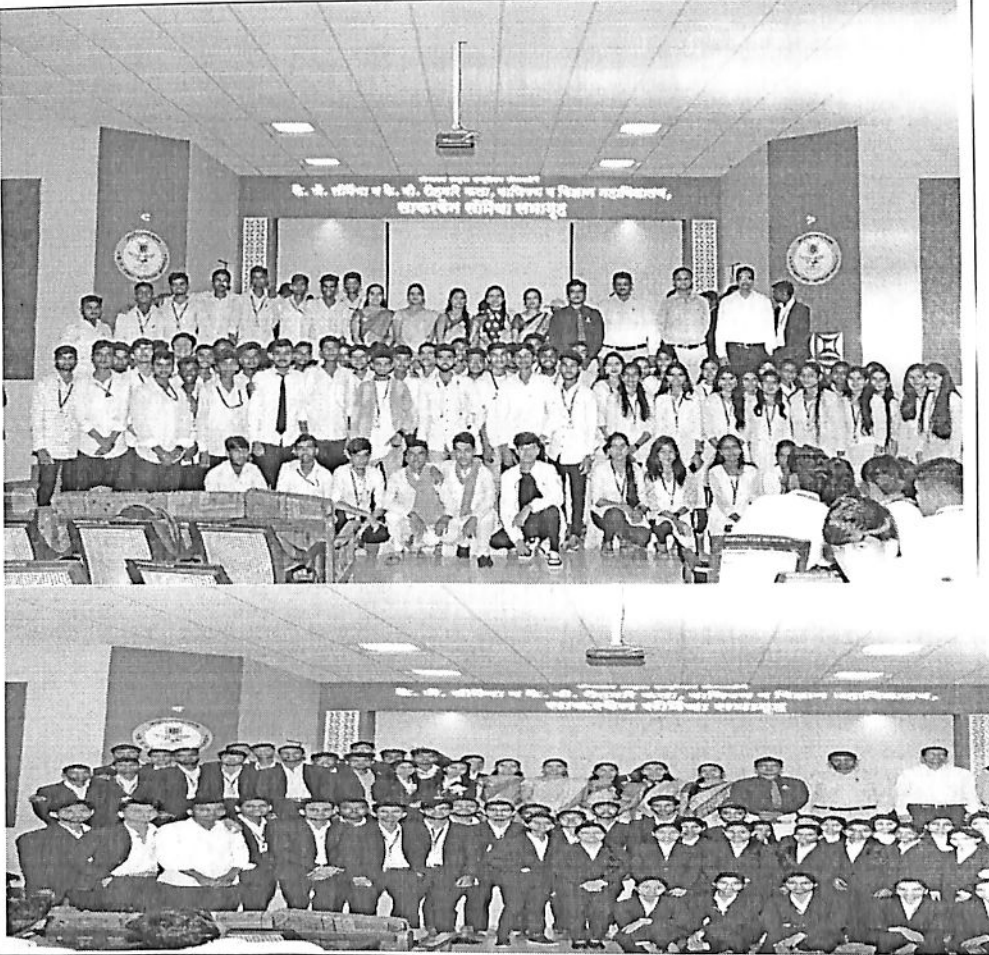| 29	BBA_CA	CA_501	Cyber Security	Professional Ethics
30	BBA_CA	CA_502	OOSE	Professional Ethics
31	BBA_CA	CA_503	Core Java	Professional Ethics
32	BBA_CA	CA_504	Python	Professional Ethics
33	BBA_CA	CA_505	Project	Professional Ethics
34	BBA_CA	CA_506	Computer Laboratory Based on 503 and 504	Professional Ethics
35	BBA_CA	CA_507	Add on Course-IOT	Professional Ethics
36	BBA_CA	CA_601	Recent Trends in Information Technology(Tutorial/Assignment)	Professional Ethics
37	BBA_CA	CA_602	Software Testing	Professional Ethics
38	BBA_CA	CA_603	Advanced Java	Professional Ethics
39	BBA_CA	CA_604	Android Programming	Professional Ethics
40	BBA_CA	CA_605	Project	Professional Ethics
41	BBA_CA	CA_606	Computer Laboratory Based on 603 and 604	Professional Ethics
42	BBA_CA	CA_607	Add on Course-Soft Skills Training	Professional Ethics
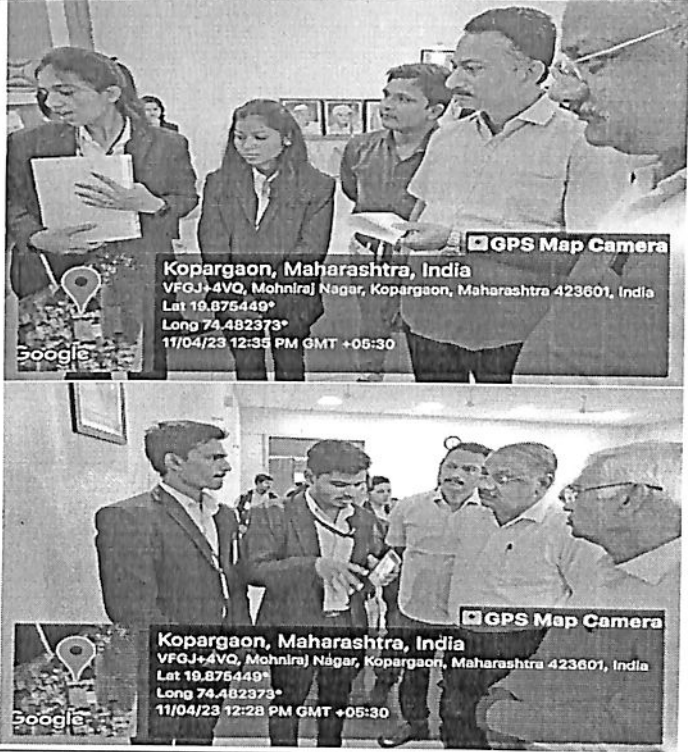
List of Add-on/Value Added/ Certificate Courses

Sr. No.	Department	Name of Certificate Course	Course Code	Year of Offering	Addressed issue (Professional Ethics, Gender, Human Values, Environment and Sustainability)
1	BBA_CA	Cyber Security	CC.006	2018-19	Professional Ethics

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Sr. No.	Name of Activity and Date of Implementation	Addressed issue (Professional Ethics, Gender, Human Values, Environment and Sustainability)	Representative Photograph
1	Department of BBA-CA celebrated the 'fresher Party' -2022. On this occasion Dr. B. S. Yadav sir delivered Speech to student.	Professional Ethics, Human Values	

2	poster presentation competition was organized on 11nd Apr. 2023	Professional Ethics, Human Values, Environment and Sustainability	

Kopargaon Taluka Education Society's

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Department of Zoology
Cross cutting issues (w.e.f. from 2019)

List of Courses addresses crosscutting issues for U.G Course as per Syllabus

(CBCS 2019 Pattern)

Sr. No.	Programme Name	Course code	Name of Course	Addressed issue (Professional Ethics, Gender, Human Values, Environment and Sustainability)
1	F.Y.B. Sc. Zoology	ZO-111	Animal Diversity I	Biodiversity, conservation, climate change, environmental pollution, human-wildlife conflict, sustainable development
2	F.Y.B. Sc. Zoology	ZO-112	Animal Ecology	Climate change, environmental pollution, human-wildlife conflict, sustainable development
3	F.Y.B. Sc. Zoology	ZO-121	Animal Diversity II	Biodiversity, conservation, climate change, environmental pollution, human-wildlife conflict, sustainable development
4	F.Y.B. Sc. Zoology	ZO-122	Cell Biology	Biotechnology, bioinformatics, zoological research methods, zoological ethics
5	S.Y.B. Sc. Zoology	ZO-231	Animal Diversity III	Biodiversity, conservation, climate change, environmental pollution, human-wildlife conflict, sustainable development

6	S.Y.B. Sc. Zoology	ZO-232	Applied Zoology I	Biotechnology, bioinformatics, zoological research methods, zoological communication, zoological education and outreach
7	S.Y.B. Sc. Zoology	ZO-241	Animal Diversity IV	Biodiversity, conservation, climate change, environmental pollution, human-wildlife conflict, sustainable development
8	S.Y.B. Sc. Zoology	ZO-242	Applied Zoology II	Biotechnology, bioinformatics, zoological research methods, zoological communication, zoological education and outreach
9	S.Y.B. Sc. Zoology	EVS-231	Environmental awareness	Biodiversity, conservation, climate change, environmental pollution, human-wildlife conflict, sustainable development
10	S.Y.B. Sc. Zoology	EVA-241	Environmental awareness	Biodiversity, conservation, climate change, environmental pollution, human-wildlife conflict, sustainable development
11	T.Y.B. Sc. Zoology	ZO-351	Pest Management	Biodiversity, conservation, climate change, environmental pollution, sustainable development
12	T.Y.B. Sc. Zoology	ZO-352	Histology	Biotechnology, bioinformatics, zoological research methods, zoological ethics
13	T.Y.B. Sc. Zoology	ZO-353	Biological Chemistry	Biotechnology, bioinformatics, zoological research methods
14	T.Y.B. Sc. Zoology	ZO-354	Genetics	Biotechnology, bioinformatics, zoological research

				methods, zoological ethics
15	T.Y.B. Sc. Zoology	ZO-355	Developmental Biology	Biotechnology, bioinformatics, zoological research methods, zoological ethics
16	T.Y.B. Sc. Zoology	ZO-356	Parasitology	Biodiversity, conservation, climate change, environmental pollution, sustainable development
17	T.Y.B. Sc. Zoology	ZO-3510	Aquarium Management	Biodiversity, conservation, sustainable development
18	T.Y.B. Sc. Zoology	ZO-3511	Poultry Management	Biodiversity, conservation, sustainable development
19	T.Y.B. Sc. Zoology	ZO-361	Medical and Forensic Zoology	Biodiversity and conservation
20	T.Y.B. Sc. Zoology	ZO-362	Animal Physiology	Biotechnology, bioinformatics, zoological research methods, zoological ethics
21	T.Y.B. Sc. Zoology	ZO-363	Molecular Biology	Biotechnology, bioinformatics, zoological research methods
22	T.Y.B. Sc. Zoology	ZO-364	Entomology	Biodiversity, conservation, climate change, environmental pollution, sustainable development
23	T.Y.B. Sc. Zoology	ZO-365	Techniques in Biology	Zoological research methods
24	T.Y.B. Sc. Zoology	ZO-366	Evolutionary Biology	Biodiversity, conservation, climate change, environmental pollution, sustainable development
25	T.Y.B. Sc. Zoology	ZO-3610	Environmental Impact Assessment	Biodiversity, conservation, climate change, environmental pollution, sustainable development

List of Courses addresses crosscutting issues for P.G Course 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	M. Sc. Zoology	ZOUT-111	Biochemistry and Biochemical Techniques	Biotechnology, bioinformatics, zoological research methods, zoological ethics
2	M. Sc. Zoology	ZOUT-112	Cell Biology and Developmental Biology	Biotechnology, bioinformatics, zoological research methods, zoological ethics
3	M. Sc. Zoology	ZOUT-113	Genetics and English in Scientific Communication	Biotechnology, bioinformatics, zoological research methods, zoological communication
4	M. Sc. Zoology	ZODT-114	Freshwater Zoology	Biodiversity, conservation, climate change, environmental pollution, human-wildlife conflict, sustainable development
5	M. Sc. Zoology	ZOUT-121	Molecular Biology and Bioinformatics	Biotechnology, bioinformatics, zoological research methods
6	M. Sc. Zoology	ZOUT-122	Endocrinology and Parasitology	Biotechnology, bioinformatics, zoological research methods, zoological ethics
7	M. Sc. Zoology	ZOUT-123	Comparative Animal Physiology and Environmental Biology	Biodiversity, conservation, climate change, environmental pollution, sustainable development
8	M. Sc. Zoology	ZODT-124	Metabolic Pathways	Biotechnology, bioinformatics, zoological research methods, zoological ethics

9	M. Sc. Zoology	ZOUT-231	Animal Physiology I	Biotechnology, bioinformatics, zoological research methods, zoological ethics
10	M. Sc. Zoology	ZOUT-232	Fundamental of Systematics and Economic Zoology	Biodiversity, conservation, climate change, environmental pollution, sustainable development
11	M. Sc. Zoology	ZOUT-233	Research methodology and Insect Physiology and Biochemistry	Biotechnology, bioinformatics, zoological research methods
12	M. Sc. Zoology	ZODT-234	Immunology	Biotechnology, bioinformatics, zoological research methods, zoological ethics
13	M. Sc. Zoology	ZOUT-241	Animal Physiology II	Biotechnology, bioinformatics, zoological research methods, zoological ethics
14	M. Sc. Zoology	ZOUT-242	Mammalian Reproductive Physiology and Aquaculture	Biodiversity, conservation, climate change, environmental pollution, sustainable development
15	M. Sc. Zoology	ZODT-243	Pest Control	Biodiversity, conservation, climate change, environmental pollution, sustainable development
16	M. Sc. Zoology	ZODT-244	Pollution Biology	Biodiversity, conservation, climate change, environmental pollution, sustainable development

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Principal
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Kopargaon

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	Zoology	Vermiculture and Vermicomposting	CC-007	2011	Biodiversity Conservation Climate change Environmental pollution Human-wildlife conflict Sustainable development

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CROSSCUTTING ISSUE

Sr. No.	Programme Name	Course Code	Name of Course	Addressed Issue (Professional Ethics, Gender, Human Values, Environment and Sustainability)
1.	(FY)B.Sc. Microbiology	MB 111	Introduction to Microbial World	Professional Ethics
2.	B.Sc. Microbiology	MB 112	Basic Techniques in Microbiology	Professional Ethics
3.	B.Sc. Microbiology	MB 113	Practical Course based on theory papers MB 111 and MB112	Professional Ethics
4.	B.Sc. Microbiology	MB 121	Bacterial Cell and Biochemistry	Professional Ethics
5.	B.Sc. Microbiology	MB 122	Microbial cultivation and growth	Professional Ethics
6.	B.Sc. Microbiology	MB 123	Practical Course based on theory papers MB121 and MB122	Professional Ethics
7.	(SY)B.Sc. Microbiology	MB 231	Medical Microbiology and Immunology	Professional Ethics
8.	B.Sc. Microbiology	MB 232	Bacterial Physiology and Fermentation Technology	Professional Ethics
9.	B.Sc. Microbiology	MB 233	Practical based on MB 231 and MB 232	Professional Ethics
10.	B.Sc. Microbiology	MB 241	Bacterial Genetics	Professional Ethics
11.	B.Sc. Microbiology	MB 242	Air, Water and Soil Microbiology	Professional Ethics
12.	B.Sc. Microbiology	MB 243	Practical based on MB 241 and	Professional Ethics

			MB 242	
13.	(TY) B.Sc. Microbiology	MB 351	Medical Microbiology-I	Professional Ethics
14.	B.Sc. Microbiology	MB 352	Immunology-I	Professional Ethics
15.	B.Sc. Microbiology	MB 353	Enzymology	Professional Ethics
16.	B.Sc. Microbiology	MB 354	Genetics	Professional Ethics
17.	B.Sc. Microbiology	MB 355	Fermentation Technology-I	Professional Ethics
18.	B.Sc. Microbiology	MB 356	Agricultural Microbiology	Professional Ethics
19.	B.Sc. Microbiology	MB 357	Practical course-I based on: MB 351 Medical Microbiology-I MB 352 Immunology I	Professional Ethics
20.	B.Sc. Microbiology	MB 358	Practical course-II based on MB 353 Enzymology MB 354 Genetics	Professional Ethics
21.	B.Sc. Microbiology	MB 359	Practical course-III based on: MB 355 Fermentation Technology-I MB 356Agricultural Microbiology	Professional Ethics
22.	B.Sc. Microbiology	MB 3510	Marine Microbiology	Professional Ethics
23.	B.Sc. Microbiology	MB 3511	Dairy Microbiology	Professional Ethics
24.	B.Sc. Microbiology	MB 361	Medical Microbiology II	Professional Ethics
25.	B.Sc. Microbiology	MB 362	Immunology II	Professional Ethics
26.	B.Sc. Microbiology	MB 363	Metabolism	Professional Ethics
27.	B.Sc. Microbiology	MB 364	Molecular Biology	Professional Ethics
28.	B.Sc. Microbiology	MB 365	Fermentation Technology I	Professional Ethics
29.	B.Sc. Microbiology	MB 366	Food Microbiology	Professional Ethics
30.	B.Sc. Microbiology	MB 367	Practical course-I. Based on: MB 361 Medical Microbiology	Professional Ethics

			II and MB 362 Immunology II	
31.	B.Sc. Microbiology	MB 368	Practical course-II. Based on: MB 363 Metabolism and MB 364 Molecular Biology	Professional Ethics
32.	B.Sc. Microbiology	MB 369	Practical course III. Based on: MB 365 Fermentation technology-II and MB 366 Food Microbiology	Professional Ethics
33.	B.Sc. Microbiology	MB 3610	Waste management	Professional Ethics
34.	B.Sc. Microbiology	MB 3611	Nano biotechnology	Professional Ethics
35.	(M.Sc-I).Microbiology	MBCT 111	Microbial Systematics	Professional Ethics
36.	M.Sc. Microbiology	MBCT 112	Quantitative Biology	Professional Ethics
37.	M.Sc. Microbiology	MBCT 113	Biochemistry and Metabolism	Professional Ethics
38.	M.Sc. Microbiology	MBCP 1	Biochemical Techniques (Practical based on compulsory theory credits)	Professional Ethics
39.	M.Sc. Microbiology	MBTE 11	Fungal Systematics and Extremophiles	Professional Ethics
40.	M.Sc. Microbiology	MBPE11	Practicals Based on Fungal Systematics and Extremophiles	Professional Ethics
41.	M.Sc. Microbiology	MBCT 121	Instrumentation and Molecular Biophysics	Professional Ethics
42.	M.Sc. Microbiology	MBCT 122	Molecular Biology	Professional Ethics
43.	M.Sc. Microbiology	MBCT 123	Enzymology, Bioenergetics and Metabolism	Professional Ethics
44.	M.Sc. Microbiology	MBCP 124	Molecular biology, Enzymology and Instrumentation Techniques	Professional Ethics

			(Practical basedon compulsory theory credits)	
45.	M.Sc. Microbiology	MBET 127	Nitrogen Metabolism, Respiration and Photosynthesis	Professional Ethics
46.	M.Sc. Microbiology	MBEP 127	Practicals Based on Nitrogen Metabolism, Respiration and Photosynthesis	Professional Ethics
47.	**(M.Sc-II). Microbiology**	MBCT 231	Immunology	Professional Ethics
48.	M.Sc. Microbiology	MBCT 232	Molecular Biology	Professional Ethics
49.	M.Sc. Microbiology	MBCT 233	Clinical Microbiology	Professional Ethics
50.	M.Sc. Microbiology	MBCP 234	Practicals based on Compulsory Theory Credits.	Professional Ethics
51.	M.Sc. Microbiology	MBET 236	Bioremediation and Biomass utilization	Professional Ethics
52.	M.Sc. Microbiology	MBEP 236	Practical based on Bioremediation and Biomass utilization	Professional Ethics
53.	M.Sc. Microbiology	MBCT 241	Pharmaceutical Microbiology	Professional Ethics
54.	M.Sc. Microbiology	MBCT 242	Microbial Technology	Professional Ethics
55.	M.Sc. Microbiology	MBCP 243	Dissertation	Professional Ethics
56.	M.Sc. Microbiology	MBTE 41	Quality Assurance and Validation in Pharmaceutical Industry and Development Of Anti infectives	Professional Ethics
57.	M.Sc. Microbiology	MBPE 41	Practicals based on Quality Assurance AndValidation In Pharmaceutical Industry And Development Of Anti infectives	Professional Ethics

58.	M.Sc. Microbiology	MBTE 43	Industrial Waste Water Treatment and Industrial Production of Vaccines	Professional Ethics
59.	M.Sc. Microbiology	MBPE 43	Practicals based on Industrial Waste Water Treatment and Industrial Production of Vaccines	Professional Ethics
60.	All PG Programmes		Democracy, Election and Governance	Human Values
61.	All PG Programmes		Human Rights - I	Human Values
62.	All PG Programmes		Cyber Security -I	Human Values
63.	All PG Programmes		Cyber secuirity -II	Human Values
64.	All PG Programmes		Cyber secuirity -III	Human Values
65.	All PG Programmes		Cyber secuirity -IV	Human Values
66.	All PG Programmes		Skill Development –I	Human Values
67.	All PG Programmes		Skill Development –II	Human Values
68.	All PG Programmes		Introduction to Constitution	Human Values
69.	All PG Programmes		Introduction to Indian Constitution	Human Values
70.	All UG Programmes		EVS 231 – Environmental Awareness	Environment and Sustainability
71.	All UG Programmes		Physical Education	Human Values
72.	S.Y.B.S.c. Microbiology		Certificate course in Health and Environment Awareness	Environment and Sustainability

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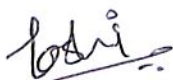Kopargaon, Dist· Ahmednagar.
B.C.A (Science) Department.

List of Courses addresses crosscutting issues as per Syllabus (2019 Pattern)

Sr. No.	Programme Name	Course code	Name of Course	Addressed issue (Professional Ethics, Gender, Human Values, Environment and Sustainability)
1	BCA(SCI)	BCA 111	Fundamentals of Computer	Professional Ethics
2	BCA(SCI)	BCA 112	Problem Solving and C Programming	Professional Ethics
3	BCA(SCI)	BCA 113	Applied Mathematics	Professional Ethics
4	BCA(SCI)	BCA 114	Business Communication	Professional Ethics
5	BCA(SCI)	BCA 115	Fundamentals of Computer Laboratory	Professional Ethics
6	BCA(SCI)	BCA 116	C Programming Laboratory	Professional Ethics
7	BCA(SCI)	BCA 117	Applied Mathematics Laboratory	Professional Ethics
8	BCA(SCI)	BCA118	Business Communication Laboratory	Professional Ethics
9	BCA(SCI)	BCA121	Computer Organization	Professional Ethics
10	BCA(SCI)	BCA122	Advanced C Programming	Professional Ethics
11	BCA(SCI)	BCA123	Operating Systems Concepts	Professional Ethics
12	BCA(SCI)	BCA124	Database Management Systems – I	Professional Ethics
13	BCA(SCI)	BCA125	Computer Organization Laboratory	Professional Ethics
14	BCA(SCI)	BCA126	Advanced C Programming Laboratory	Professional Ethics
15	BCA(SCI)	BCA127	Operating Systems Laboratory	Professional Ethics
16	BCA(SCI)	BCA128	Database Management Systems -I Laboratory	Professional Ethics
17	BCA(SCI)	BCA231	Data Structures	Professional Ethics
18	BCA(SCI)	BCA232	Database Management Systems – II	Professional Ethics
19	BCA(SCI)	BCA233	Computer Networks	Professional Ethics
20	BCA(SCI)	BCA234	Data Structures Laboratory	Professional Ethics
21	BCA(SCI)	BCA235	Database Management Systems - II Laboratory	Professional Ethics
22	BCA(SCI)	BCA236	Computer Networks and Web Programming Laboratory	
23	BCA(SCI)	307	AECC-I Environmental ScienceI	Professional Ethics
24	BCA(SCI)	308	AECC-II Language Communication - I	Professional Ethics
25	BCA(SCI)	BCA241	Object Oriented Programming and C++	Professional Ethics
26	BCA(SCI)	BCA242	Web Technology	Professional Ethics
27	BCA(SCI)	BCA243	Software Engineering	Professional Ethics
28	BCA(SCI)	BCA244	C++ Programming Laboratory	Professional Ethics
29	BCA(SCI)	BCA245	Web Technology Laboratory	Professional Ethics
30	BCA(SCI)	BCA246	Python Programming Laboratory	Professional Ethics
31	BCA(SCI)	407	AECC-III Environmental Science-II	Professional Ethics
32	BCA(SCI)	408	AECC-IV Language Communication – II	Professional Ethics
33	BCA(SCI)	BCA351	DSE I (Programming in Java)	Professional Ethics

34	BCA(SCI)	BCA352	DSE II (Data Mining and Data Science)	Professional Ethics
35	BCA(SCI)	BCA353	DSE III (Principles of Operating Systems)	Professional Ethics
36	BCA(SCI)	BCA354	SEC I (Artificial Intelligence)	Professional Ethics
37	BCA(SCI)	BCA355	SEC II (Cloud Computing)	Professional Ethics
38	BCA(SCI)	BCA356	DSE I Lab (Programming in Java)	Professional Ethics
39	BCA(SCI)	BCA357	DSE II Lab (Data Mining)	Professional Ethics
40	BCA(SCI)	BCA358	DSE III Lab (Operating Systems and AI)	Professional Ethics
41	BCA(SCI)	BCA361	DSE IV Android Programming	Professional Ethics
42	BCA(SCI)	BCA362	DSE V Programming in GO	Professional Ethics
43	BCA(SCI)	BCA363	DSE VI Software Project Management	Professional Ethics
44	BCA(SCI)	BCA364	SEC III Management Information Systems	Professional Ethics
45	BCA(SCI)	BCA365	SEC IV Internet of Things (IoT)	Professional Ethics
46	BCA(SCI)	BCA366	DSE IV Lab (Android Programming)	Professional Ethics
47	BCA(SCI)	BCA367	DSE V Lab (Programming in GO and IoT)	Professional Ethics
48	BCA(SCI)	BCA368	DSE VI Project Lab	Professional Ethics

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	BCA(SCI)	Web Programming	CC.004	2019-20	Professional Ethics

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Commerce & Science, Kopargaon

Department of Computer Science.

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.	B. Sc. Computer Science	CS-101	FYBSC CS: Problem Solving Using Computerand 'C' Programming (Annual Pattern)	Professional Ethics
2.	B. Sc. Computer Science	CS-102	FYBSC CS: File Organization and Fundamental of DatabaseManagement System (Annual Pattern)	Professional Ethics
3.	B. Sc. Computer Science	CS-103	FYBSC CS: Computer Science Paper – I (AnnualPattern)	Professional Ethics
4.	B. Sc. Computer Science	CS-104	FYBSC CS: Computer Science Paper – II (AnnualPattern)	Professional Ethics
5.	B. Sc. Computer Science	CS-211	SYBSC CS: Data Structures using 'C' (Sem-I)	Professional Ethics
6.	B. Sc. Computer Science	CS-212	SYBSC CS: Relational Database Management System (Sem-I)	Professional Ethics
7.	B. Sc. Computer Science	CS-221	SYBSC CS: Object Oriented Concepts usingC++ (Sem-II)	Professional Ethics
8.	B. Sc. Computer Science	CS-222	SYBSC CS: SoftwareEngineering (Sem-II)	Professional Ethics
9.	B. Sc. Computer Science	CS-223	SYBSC CS: Data structures Practicals andC++ Practicals (Annual Pattern)	Professional Ethics
10.	B. Sc. Computer Science	CS-224	SYBSC CS: DatabasePracticals & Mini Project using Software Engineering techniques (Annual Pattern)	Professional Ethics
11.	B. Sc. Computer Science	CS-331	TYBSC CS: System Programming (Sem -III)	Professional Ethics
12.	B. Sc. Computer Science	CS-332	TYBSC CS: TheoreticalComputer Science (Sem-III)	Professional Ethics
13.	B. Sc. Computer Science	CS-333	TYBSC CS: ComputerNetworks-I (Sem-III)	Professional Ethics
14.	B. Sc. Computer Science	CS-334	TYBSC CS: Internet Programming –I (Sem-III)	Professional Ethics
15.	B. Sc. Computer Science	CS-335	TYBSC CS: Programming In Java- I (Sem-III)	Professional Ethics
16.	B. Sc. Computer Science	CS-336	TYBSC CS: Object Oriented Software Engineering (Sem-III)	Professional Ethics

17.	B. Sc. Computer Science	CS-341	TYBSC CS: OperatingSystem (Sem-IV)	Professional Ethics
18.	B. Sc. Computer Science	CS-342	TYBSC CS: Compilerconstruction (Sem-IV)	Professional Ethics
19.	B. Sc. Computer Science	CS-343	TYBSC CS: ComputerNetworks –II (Sem-IV)	Professional Ethics
20.	B. Sc. Computer Science	CS-344	TYBSC CS: Internet Programming –II (Sem-IV)	Professional Ethics
21.	B. Sc. Computer Science	CS-345	TYBSC CS: ProgrammingIn Java – II (Sem-IV)	Professional Ethics
22.	B. Sc. Computer Science	CS-346	TYBSC CS: ComputerGraphics (Sem-IV)	Professional Ethics
23.	B. Sc. Computer Science	CS-347	TYBSC CS: Practicals Based on CS-331 & CS-341 (Annual Pattern)	Professional Ethics
24.	B. Sc. Computer Science	CS-348	TYBSC CS: Practical Based on CS-335 & CS- 344 & Computer GraphicsUsing Java.	Professional Ethics
25.	B. Sc. Computer Science	CS-349	TYBSC CS: Practicals Based on CS-334 & CS- 344 & Project (AnnualPattern)	Professional Ethics
26.	M. Sc. Computer Science	CS-101	FY M.Sc. CS: Principlesof Programming Languages (Annual Pattern)	Professional Ethics
27.	M. Sc. Computer Science	CS-102	FY M.Sc. CS: AdvancedNetworking (Sem-I)	Professional Ethics
28.	M. Sc. Computer Science	CS-103	FY M.Sc. CS: DistributedDatabase Concepts	Professional Ethics
29.	M. Sc. Computer Science	CS-104	FY M.Sc. CS: Design andAnalysis of Algorithms	Professional Ethics
30.	M. Sc. Computer Science	CS-104	FY M.Sc. CS: NetworkProgramming (Sem-I)	Professional Ethics
31.	M. Sc. Computer Science	CS-201	FY M.Sc. CS: DigitalImage Processing	Professional Ethics
32.	M. Sc. Computer Science	CS-202	FY M.Sc. CS: AdvancedOperating Systems	Professional Ethics
33.	M. Sc. Computer Science	CS-203	FY M.Sc. CS: Data Mining and Data Warehousing (Sem-II)	Professional Ethics
34.	M. Sc. Computer Science	CS-204	FY M.Sc. CS: Project	Professional Ethics
35.	M. Sc. Computer Science	CS-206	FY M.Sc. CS: ArtificialIntelligence (Sem-II)	Professional Ethics
36.	M. Sc. Computer Science	CS-301	SY M.Sc. CS: Software Metrics & Project Management (Sem-III)	Professional Ethics
37.	M. Sc. Computer Science	CS-302	SY M.Sc. CS: MobileComputing (Sem-III)	Professional Ethics
38.	M. Sc. Computer Science	CS-303	SY M.Sc. CS: Soft Computing (Sem-III)	Professional Ethics
39.	M. Sc. Computer Science	CS-304	SY M.Sc. CS: Project	Professional Ethics

40.	M. Sc. Computer Science	CS-305	SY M.Sc. CS: Web Services (Sem-III)	Professional Ethics
41.	M. Sc. Computer Science	CS-308	SY M.Sc. CS: Business Intelligence (Sem-III)	Professional Ethics
42.	M. Sc. Computer Science	CS-401	SY M.Sc. CS: IndustrialTraining /Institutional project (Sem-IV)	Professional Ethics

HOD
Dept.of Computer Science
K.J.Somaiya College, Kopargaon

Principal
K. J. Somaiya College of Arts
Commerce & Science, Kopargaon

List of Courses Addresses Crosscutting Issues (2019 Pattern)

Sr. No.	Programme Name	Coursecode	Name of Course	Addressed issue (Professional Ethics, Gender, Human Values, Environment and Sustainability)
1.	B. Sc. Computer Science	CS-111	Problem Solving Using Computer And 'C' Programming	Professional Ethics
2.	B. Sc. Computer Science	CS-112	Database Management Systems	Professional Ethics
3.	B. Sc. Computer Science	CS-113	Practical Course Based On CS101 And CS102	Professional Ethics
4.	B. Sc. Computer Science	CS-121	Advanced 'C' Programming	Professional Ethics
5.	B. Sc. Computer Science	CS-122	Relational Database Management Systems	Professional Ethics
6.	B. Sc. Computer Science	CS-123	Practical Course Based On CS201 And CS202	Professional Ethics
7.	B. Sc. Computer Science	ELC-111	Semiconductor Devices & Basic Electronics System	Professional Ethics
8.	B. Sc. Computer Science	ELC-112	Principle of Digital Electronics	Professional Ethics
9.	B. Sc. Computer Science	ELC-121	Instrumentation System	Professional Ethics
10.	B. Sc. Computer Science	ELC-122	Basics of Computer Organization	Professional Ethics
11.	B. Sc. Computer Science	ELC-113	Electronics Lab IA	Professional Ethics
12.	B. Sc. Computer Science	ELC-123	Electronics Lab IB	Professional Ethics
13.	B. Sc. Computer Science	MTC-111	Mathematics-I	Professional Ethics
14.	B. Sc. Computer Science	MTC-112	Mathematics-II	Professional Ethics
15.	B. Sc. Computer Science	MTC-113	Mathematics Practical	Professional Ethics
16.	B. Sc. Computer Science	MTC-121	Mathematics-I	Professional Ethics
17.	B. Sc. Computer Science	MTC-122	Mathematics-II	Professional Ethics
18.	B. Sc. Computer Science	MTC-123	Mathematics Practical	Professional Ethics
19.	B. Sc. Computer Science	CSST-111	Statistics -I	Professional Ethics

20.	B. Sc. Computer Science	CSST-112	Statistics-II	Professional Ethics
21.	B. Sc. Computer Science	CSST-113	Statistics Practical	Professional Ethics
22.	B. Sc. Computer Science	CSST-121	Statistics-I	Professional Ethics
23.	B. Sc. Computer Science	CSST-122	Statistics-II	Professional Ethics
24.	B. Sc. Computer Science	CSST-123	Statistics Practical	Professional Ethics
25.	B. Sc. Computer Science	CS-231	Data Structures And Algorithms – I	Professional Ethics
26.	B. Sc. Computer Science	CS-232	Software Engineering	Professional Ethics
27.	B. Sc. Computer Science	CS-233	Practical Course Based On CS301	Professional Ethics
28.	B. Sc. Computer Science	CS-241	Data Structures And Algorithms – II	Professional Ethics
29.	B. Sc. Computer Science	CS-242	Computer Networks – I	Professional Ethics
30.	B. Sc. Computer Science	CS-243	Practical Course Based On CS401	Professional Ethics
31.	B. Sc. Computer Science	MTC-231	Group & Coding Theory	Professional Ethics
32.	B. Sc. Computer Science	MTC-232	Numerical Technique	Professional Ethics
33.	B. Sc. Computer Science	MTC-233	Mathematics Practical: Python Programming Language-I	Professional Ethics
34.	B. Sc. Computer Science	MTC-241	Computational Geometry	Professional Ethics
35.	B. Sc. Computer Science	MTC-242	Operation Research	Professional Ethics
36.	B. Sc. Computer Science	MTC-243	Mathematics Practical: Python Programming Language-II	Professional Ethics
37.	B. Sc. Computer Science	ELC-231	8051 Microcontroller architecture & Its Programming	Professional Ethics
38.	B. Sc. Computer Science	ELC-232	Digital Communication & Networking	Professional Ethics
39.	B. Sc. Computer Science	ELC-241	Wireless Communication & IoT	Professional Ethics
40.	B. Sc. Computer Science	ELC-242	Advanced Embedded System Design	Professional Ethics
41.	B. Sc. Computer Science	ELC-233	Practical Course I	Professional Ethics
42.	B. Sc. Computer Science	ELC-243	Practical Course II	Professional Ethics
43.	B. Sc. Computer Science	CS-351	Operating Systems –I	Professional Ethics

44.	B. Sc. Computer Science	CS-352	Computer Networks –II	Professional Ethics
45.	B. Sc. Computer Science	CS-357	Practical Course Based On CS501	Professional Ethics
46.	B. Sc. Computer Science	CS-353	Web Technologies – I	Professional Ethics
47.	B. Sc. Computer Science	CS-354	Foundations Of Data Science	Professional Ethics
48.	B. Sc. Computer Science	CS-358	Practical Course Based On CS503	Professional Ethics
49.	B. Sc. Computer Science	CS-355	Object Oriented Programming – I (Core Java)	Professional Ethics
50.	B. Sc. Computer Science	CS-356	Theoretical Computer Science And Compiler Construction – I	Professional Ethics
51.	B. Sc. Computer Science	CS-359	Practical Course Based On CS505	Professional Ethics
52.	B. Sc. Computer Science	CS-3510	Python Programming / R Programming	Professional Ethics
53.	B. Sc. Computer Science	CS-361	Operating Systems – II	Professional Ethics
54.	B. Sc. Computer Science	CS-362	Software Testing	Professional Ethics
55.	B. Sc. Computer Science	CS-367	Practical Course Based On CS601	Professional Ethics
56.	B. Sc. Computer Science	CS-363	Web Technologies – II	Professional Ethics
57.	B. Sc. Computer Science	CS-364	Data Analytics	Professional Ethics
58.	B. Sc. Computer Science	CS-368	Practical Course Based On CS603 And CS604	Professional Ethics
59.	B. Sc. Computer Science	CS-365	Object Oriented Programming – II (Advanced Java)	Professional Ethics
60.	B. Sc. Computer Science	CS-366	Theoretical Computer Science And Compiler Construction - II	Professional Ethics
61.	B. Sc. Computer Science	CS-369	Practical Course Based On CS605	Professional Ethics
62.	B. Sc. Computer Science	CS-3610	Mobile Application Development Or Software Testing Tools	Professional Ethics
63.	B. Sc. Computer Science	CS-3611	Project	Professional Ethics
64.	M. Sc. Computer Science	CSUT111	Paradigm Of Programming Language	Professional Ethics
65.	M. Sc. Computer Science	CSUT 112	Design And Analysis Of Algorithms	Professional Ethics
66.	M. Sc. Computer Science	CSUT 113	Database Technologies	Professional Ethics
67.	M. Sc. Computer Science	CSDT114B	Artificial Intelligence	Professional Ethics

68.	M. Sc. Computer Science	CSDP114B	Artificial Intelligence Practical	Professional Ethics
69.	M. Sc. Computer Science	CSUP115	PPL And Database Technologies Practical	Professional Ethics
70.	M. Sc. Computer Science	CSUT121	Advanced Operating System	Professional Ethics
71.	M. Sc. Computer Science	CSUT122	Mobile Technologies	Professional Ethics
72.	M. Sc. Computer Science	CSUT123	Software Project Management	Professional Ethics
73.	M. Sc. Computer Science	CSDT124A	Project	Professional Ethics
74.	M. Sc. Computer Science	CSDP124A	Project Related Assignments	Professional Ethics
75.	M. Sc. Computer Science	CSUP125	Practical On Advanced OS &Amp; Mobile Technologies	Professional Ethics
76.	M. Sc. Computer Science	CSUT231	Software Architecture And Design Patterns	Professional Ethics
77.	M. Sc. Computer Science	CSUT232	Machine Learning	Professional Ethics
78.	M. Sc. Computer Science	CSUT233	Web Frameworks	Professional Ethics
79.	M. Sc. Computer Science	CSDT234C	Project	Professional Ethics
80.	M. Sc. Computer Science	CSDP234C	Project Related Assignments	Professional Ethics
81.	M. Sc. Computer Science	CSUP235	Practical On CSUT231, CSUT232 And CSUT233	Professional Ethics
82.	M. Sc. Computer Science	CSUIT241	Industrial Training /Institutional Project	Professional Ethics

Department of Chemistry
List of Courses addresses Crosscutting Issues as per Syllabus (2013 Pattern)

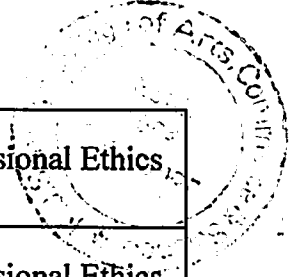| Sr. No.	Programme Name	Course Code	Name of Course	Addressed Issue (Professional Ethics, Gender, Human Values, Environment and Sustainability)
1	B. Sc. Chemistry	C-3	FYBSc: Chemistry Paper III (Practical Course)	Environment and Sustainability
2	B. Sc. Chemistry	CH- 223	SYBSc: Chemistry Practical	Environment and Sustainability
3	B. Sc. Chemistry	CH-347	TYBSc: Physical Chemistry Practical	Environment and Sustainability
4	B. Sc. Chemistry	CH-348	TYBSc: Inorganic Chemistry Practical	Environment and Sustainability
5	B. Sc. Chemistry	CH-349	TYBSc: Organic Chemistry Practical	Environment and Sustainability
6	M. Sc. Organic Chemistry	CHP-107	M.Sc. I: Practical Course (Physical Chemistry)	Environment and Sustainability
7	M. Sc. Organic Chemistry	CHI-127	M.Sc. I: Practical Course (Inorganic Chemistry)	Environment and Sustainability
8	M. Sc. Organic Chemistry	CHO-247	M.Sc. I: Practical Course (Organic Chemistry)	Environment and Sustainability
9	M. Sc. Organic Chemistry	CHO-347	M.Sc. II: Single Stage Preparations	Environment and Sustainability
10	M. Sc. Organic Chemistry	CHO-447	M.Sc. II: Two Stage Preparations	Environment and Sustainability
11	M. Sc. Organic Chemistry	CHO-448	M.Sc. II: Project/Industrial training/ Green Chemistry and Chemical Biology Experiments	Environment and Sustainability

Department of Chemistry
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	B.Sc. Chemistry	CH-101	Physical Chemistry	Professional Ethics
2	B.Sc. Chemistry	CH-201	Inorganic Chemistry	Professional Ethics
3	B.Sc. Chemistry	CH-102	Organic Chemistry	Professional Ethics
4	B.Sc. Chemistry	CH-202	Organic Chemistry	Professional Ethics
5	B.Sc. Chemistry	CH-103	Chemistry Practical-I	Professional Ethics
6	B.Sc. Chemistry	CH-203	Chemistry Practical–II	Professional Ethics
7	B.Sc. Chemistry	CH-301	Physical and analytical Chemistry	Professional Ethics
8	B.Sc. Chemistry	CH-302	Inorganic and Organic Chemistry	Professional Ethics
9	B.Sc. Chemistry	CH-303	Chemistry Practical –III	Professional Ethics
10	B.Sc. Chemistry	CH-401	Physical and analytical Chemistry	Professional Ethics
11	B.Sc. Chemistry	CH-402	Inorganic and Organic Chemistry	Professional Ethics
12	B.Sc. Chemistry	CH-403	Chemistry Practical-IV	Professional Ethics
13	B.Sc. Chemistry	CH-501	Physical Chemistry-I	Professional Ethics
14	B.Sc. Chemistry	CH-502	Analytical Chemistry-I	Professional Ethics
15	B.Sc. Chemistry	CH-503	Physical Chemistry Practical-I	Professional Ethics
16	B.Sc. Chemistry	CH-504	Inorganic Chemistry-I	Professional Ethics
17	B.Sc. Chemistry	CH-505	Industrial Chemistry	Professional Ethics
18	B.Sc. Chemistry	CH-506	Inorganic Chemistry Practical-I	Professional Ethics
19	B.Sc. Chemistry	CH-507	Organic Chemistry-I	Professional Ethics
20	B.Sc. Chemistry	CH-508	Chemistry of Biomolecules	Professional Ethics
21	B.Sc. Chemistry	CH-509	Organic Chemistry Practical-I	Professional Ethics

22	B.Sc. Chemistry	CH-510	(A) Introduction of Medicinal Chemistry OR (B) Polymer Chemistry	Professional Ethics
23	B.Sc. Chemistry	CH-511	(A) Environmental Chemistry OR Chemoinformatics	Professional Ethics
24	B.Sc. Chemistry	CH-601	Physical Chemistry-II	Professional Ethics
25	B.Sc. Chemistry	CH-602	Physical Chemistry-III	Professional Ethics
26	B.Sc. Chemistry	CH-603	Physical Chemistry Practical-II	Professional Ethics
27	B.Sc. Chemistry	CH-604	Inorganic Chemistry-II	Professional Ethics
28	B.Sc. Chemistry	CH-605	Inorganic Chemistry -III	Professional Ethics
29	B.Sc. Chemistry	CH-606	Inorganic Chemistry Practical- II	Professional Ethics
30	B.Sc. Chemistry	CH-607	Organic Chemistry-II	Professional Ethics
31	B.Sc. Chemistry	CH-608	Organic Chemistry-III	Professional Ethics
32	B.Sc. Chemistry	CH-609	Organic Chemistry Practical-II	Professional Ethics
23	B.Sc. Chemistry	CH-610	(A) Chemistry of Soil and Agrochemicals OR (B) Introduction of Forensic Chemistry	Professional Ethics
24	B.Sc. Chemistry	CH-611	(A) Analytical Chemistry-II OR (B) Chemistry of Cosmetics and Perfumes	Professional Ethics
25	(M.Sc-I).Organic Chemistry	CHP-110	Physical Chemistry	Professional Ethics
26	M.Sc. Organic Chemistry	CHI-130	Inorganic Chemistry -I	Professional Ethics
27	M.Sc. Organic Chemistry	CHO-150	Organic Chemistry -I	Professional Ethics
28	M.Sc. Organic Chemistry	CHG-190	Section –I General Chemistry –I Section- II General Chemistry	Professional Ethics

29	M.Sc. Organic Chemistry	CHP-107	Basic Practical Chemistry -I	Professional Ethics
30	M.Sc. Organic Chemistry	CHP-210	Physical Chemistry -II	Professional Ethics
31	M.Sc. Organic Chemistry	CHI-230	Inorganic Chemistry -II	Professional Ethics
32	M.Sc. Organic Chemistry	CHO-250	Organic Chemistry -I	Professional Ethics
33	M.Sc. Organic Chemistry	CHG-290	Section –I General Chemistry –I Section- II General Chemistry	Professional Ethics
34	M.Sc. Organic Chemistry	CHP-227	Basic Practical Chemistry –I	Professional Ethics
35	(M.Sc-II).Organic Chemistry	CHO-450	Chemistry of Natural Products	Professional Ethics
36	M.Sc. Organic Chemistry	CHO-451	Advanced Synthetic Organic Chemistry	Professional Ethics
37	M.Sc. Organic Chemistry	CHO-452	Carbohydreates and Chiraon Approach / Chiral Drugs and Medicinal Chemistry	Professional Ethics
38	M.Sc. Organic Chemistry	CHO-453	Designing Organic Synthesis and Asymmetric Synthesis	Professional Ethics
39	M.Sc. Organic Chemistry	CHO-347	Single Stage Preparation	Professional Ethics
40	M.Sc. Organic Chemistry	CHO-350	Organic Reaction Mechanism	Professional Ethics
41	M.Sc. Organic Chemistry	CHO-351	Spectroscopic Methods in structure Determination	Professional Ethics
42	M.Sc. Organic Chemistry	CHO-352	Organic Stereochemistry	Professional Ethics
43	M.Sc. Organic Chemistry	CHO-353	Pericyclic Reactions, Photochemistry and Heterocyclic Chemistry	Professional Ethics

44	M.Sc. Organic Chemistry	CHO-447	Double Stage Preparations	Professional Ethics
45	M.Sc. Organic Chemistry	CHO-448	Project/Industrial Training / Green chemistry and Chemical Biology	Professional Ethics
46	All PG Programmes		Democracy, Election and Governance	Human Values
47	All PG Programmes		Human Rights - I	Human Values
48	All PG Programmes		Cyber Security -I	Human Values
49	All PG Programmes		Cyber security -II	Human Values
50	All PG Programmes		Cyber security -III	Human Values
51	All PG Programmes		Cyber security -IV	Human Values
52	All PG Programmes		Skill Development –I	Human Values
53	All PG Programmes		Skill Development –II	Human Values
54	All PG Programmes		Introduction to Constitution	Human Values
55	All PG Programmes		Introduction to Indian Constitution	Human Values
	All UG Programmes		EVS 231 – Environmental Awareness	Environment and Sustainability

K. J. Somaiya College, Kopargaon.
Department of Physics
List of Courses addresses **Crosscutting issues** as per <mark>Syllabus (2013-Pattern)</mark>

Sr. No.	Programme Name	Course code	Name of Course	Addressed issue (Professional Ethics, Industrial, Environment and Sustainability)
1	B. Sc. Physics	Paper-I	Sec-I: (For Term-1) Mechanics	Professional Ethics
			Sec-II: (For Term-2) Heat and Thermodynamics	Industrial Ethics
2	B. Sc. Physics	Paper-II	Sec-I: (For Term-1) Physics Principles and Applications	Professional Ethics
			Sec-II: (For Term-2) Electromagnetics	Industrial Ethics
3	B. Sc. Physics	Paper-III	(For Term-1 and Term-2) Practical	Professional & Industrial Ethics
4	B. Sc. Physics	Paper-I (PHY211)	Mathematical Methods in Physics-I	Professional Ethics
5	B. Sc. Physics	Paper-II (PHY 212)	Electronics-I	Professional & Industrial Ethics
6	B. Sc. Physics	Paper-I (PHY221)	Oscillations, Waves and Sound	Professional Ethics
7	B. Sc. Physics	Paper-II (PHY 222)	Optics	Professional Ethics
8	B. Sc. Physics	Paper-III (PHY223) (Annual)	Practicals	Professional & Industrial Ethics
9	B. Sc. Physics	PH-331	Mathematical Methods in Physics-II	Professional Ethics
10	B. Sc. Physics	PH 332	Solid State Physics	Professional Ethics
11	B. Sc. Physics	PH-333	Classical Mechanics	Professional Ethics
12	B. Sc. Physics	PH-334	Atomic and Molecular Physics	Professional Ethics
13	B. Sc. Physics	PH-335	Computational Physics	Professional Ethics
14	B. Sc. Physics	PH-336 (E) Elective I	Renewable Energy Sources	Environment and Sustainability Ethics
15	B. Sc. Physics	PH-341	Classical Electrodynamics	Professional Ethics
16	B. Sc. Physics	PH 342	Quantum Mechanics	Professional Ethics
17	B. Sc. Physics	PH-343	Thermodynamics and Statistical Physics	Professional & Industrial Ethics
18	B. Sc. Physics	PH-344	Nuclear Physics	Professional Ethics
19	B. Sc. Physics	PH-345	Electronics-II	Professional Ethics
20	B. Sc. Physics	PH-346 (K) Elective II	Lasers	Professional Ethics
21	B. Sc. Physics	PH-347	Laboratory Course I	Professional Ethics
22	B. Sc. Physics	PH-348	Laboratory Course II	Professional & Industrial Ethics
23	B. Sc. Physics	PH-349	Laboratory Course III (Project)	Professional & Industrial Ethics
24	M. Sc. Physics	PHYUT501	Classical Mechanics	Professional Ethics
25	M. Sc. Physics	PHYUT502	Electronics	Professional & Industrial Ethics

26	M. Sc. Physics	PHYUT503	Mathematical Methods in Physics	Professional Ethics
27	M. Sc. Physics	PHYUT504	Atoms and Molecules	Professional Ethics
28	M. Sc. Physics	PHYUT505	Experimental Techniques in Physics	Professional & Industrial Ethics
29	M. Sc. Physics	PHYUP506	Physics Lab-I	Professional & Industrial Ethics
30	M. Sc. Physics	PHYUT601	Electrodynamics	Professional Ethics
31	M. Sc. Physics	PHYUT602	Solid State Physics	Professional Ethics
32	M. Sc. Physics	PHYUT603	Quantum Mechanics	Professional Ethics
33	M. Sc. Physics	PHYUT604	Lasers	Professional & Industrial Ethics
34	M. Sc. Physics	PHYUT605	Experimental Techniques in Physics II	Professional & Industrial Ethics
35	M. Sc. Physics	PHYUP606	Physics Lab II	Professional & Industrial Ethics
36	M. Sc. Physics	PHYUT701	Statistical Mechanics in Physics	Professional Ethics
37	M. Sc. Physics	PHYUT702	Quantum Mechanics II	Professional Ethics
38	M. Sc. Physics	PHYDT703	Energy-I	Environment and Sustainability Ethics
39	M. Sc. Physics	PHYDT704	Instrumentation-I	Professional & Industrial Ethics
40	M. Sc. Physics	PHYDP705	Special Lab I	Professional & Industrial Ethics
41	M. Sc. Physics	PHYUP706	Physics Lab III	Professional & Industrial Ethics
42	M. Sc. Physics	PHYUT801	Nuclear Physics	Professional Ethics
43	M. Sc. Physics	PHYUT802	Material Science	Professional Ethics
44	M. Sc. Physics	PHYDT803	Energy-II	Environment and Sustainability Ethics
45	M. Sc. Physics	PHYDT804	Instrumentation-II	Professional & Industrial Ethics
46	M. Sc. Physics	PHYDP805	Special Lab II	Professional & Industrial Ethics
47	M. Sc. Physics	PHYUP806	Physics Lab IV: Project	Professional & Industrial Ethics

K. J. Somaiya College, Kopargaon.
Department of Physics
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, Environment and Sustainability)
1	B. Sc. Physics	PHY-111	Mechanics and Properties of Matter	Professional Ethics
2	B. Sc. Physics	PHY-112	Physics Principles and Applications	Professional Ethics
3	B. Sc. Physics	PHY-113	Physics Laboratory-1A	Professional Ethics
4	B. Sc. Physics	PHY-121	Heat and Thermodynamics	Professional Ethics
5	B. Sc. Physics	PHY-122	Electricity and Magnetism	Professional Ethics
6	B. Sc. Physics	PHY-123	Physics Laboratory-1B	Professional Ethics
7	B. Sc. Physics	PHY-231	Mathematical Methods in Physics-I	Professional Ethics
8	B. Sc. Physics	PHY-232	Electronics-I	Professional & Industrial Ethics
9	B. Sc. Physics	PHY-233	Physics Laboratory-2A	Professional Ethics
10	B. Sc. Physics	PHY-2310	Environment -I	Environment and Sustainability
11	B. Sc. Physics	PHY-241	Oscillations, Waves and Sound	Professional Ethics
12	B. Sc. Physics	PHY-242	Optics	Professional Ethics
13	B. Sc. Physics	PHY-243	Physics Laboratory-2B	Professional Ethics
14	B. Sc. Physics	PHY-2410	Environment -II	Environment and Sustainability
15	B. Sc. Physics	PHY-351	Mathematical Methods in Physics-II	Professional Ethics
16	B. Sc. Physics	PHY-352	Electrodynamics	Professional Ethics
17	B. Sc. Physics	PHY-353	Classical Mechanics	Professional Ethics
18	B. Sc. Physics	PHY-354	Atomic and Molecular Physics	Professional Ethics
19	B. Sc. Physics	PHY-355	Computational Physics	Professional Ethics
20	B. Sc. Physics	PHY-366(R)	Renewable Energy Sources-I	Environment and Sustainability
21	B. Sc. Physics	PHY-367	Physics Laboratory-3A	Professional Ethics
22	B. Sc. Physics	PHY-368	Physics Laboratory-3B	Professional & Industrial Ethics
23	B. Sc. Physics	PHY-369	Project-I	Professional & Industrial Ethics
24	B. Sc. Physics	PHY-3610(V)	Sensors and Transducer	Professional & Industrial Ethics
25	B. Sc. Physics	PHY-3611(AA)	Physics Workshop Skill	Professional & Industrial Ethics
26	B. Sc. Physics	PHY-361	Solid State Physics	Professional Ethics
27	B. Sc. Physics	PHY-362	Quantum Mechanics	Professional Ethics
28	B. Sc. Physics	PHY-363	Thermodynamics and Statistical Physics	Professional Ethics

29	B. Sc. Physics	PHY-364	Nuclear Physics	Professional Ethics
30	B. Sc. Physics	PHY-365	Electronics-II	Professional & Industrial Ethics
31	B. Sc. Physics	PHY-356(D)	Laser	Professional & Industrial Ethics
32	B. Sc. Physics	PHY-357	Physics Laboratory-4A	Professional Ethics
33	B. Sc. Physics	PHY-358	Physics Laboratory-4B	Professional & Industrial Ethics
34	B. Sc. Physics	PHY-359	Project-II	Professional & Industrial Ethics
35	B. Sc. Physics	PHY-3510(J)	Solar PV System: Installation, Repairing and Maintenance	Professional Ethics
36	B. Sc. Physics	PHY-3511(K)	Radiation Physics	Professional Ethics
37	M. Sc. Physics	PHCT-111	Mathematical Methods in Physics	Professional Ethics
38	M. Sc. Physics	PHCT-112	Classical Mechanics	Professional Ethics
39	M. Sc. Physics	PHCT-113	Electronics	Professional Ethics
40	M. Sc. Physics	PHOT-114	Laser & Application	Professional & Industrial Ethics
41	M. Sc. Physics	PHOP-114	Laser & Application Practicals	Professional & Industrial Ethics
42	M. Sc. Physics	PHCP-115	Physics Laboratory – I (Electronics)	Professional & Industrial Ethics
43	M. Sc. Physics	PHCT-121	Electrodynamics	Professional Ethics
44	M. Sc. Physics	PHCT-122	Atoms and Molecules	Professional Ethics
45	M. Sc. Physics	PHCT-123	Quantum Mechanics	Professional Ethics
46	M. Sc. Physics	PHOT-124	Physics of Nano Materials	Professional Ethics
47	M. Sc. Physics	PHCP-125	Physics Laboratory - II	Professional Ethics
48	M. Sc. Physics	PHCT-231	Statistical Mechanics	Professional Ethics
49	M. Sc. Physics	PHCT-232	Solid State Physics	Professional Ethics
50	M. Sc. Physics	PHCT-233	Experimental Techniques in Physics - I	Professional & Industrial Ethics
51	M. Sc. Physics	PHOT-234	Energy Studies – I	Environment and Sustainability
52	M. Sc. Physics	PHCP-235	Physics Laboratory - III	Professional Ethics
53	M. Sc. Physics	PHCT-241	Nuclear Physics	Professional Ethics
54	M. Sc. Physics	PHCT-242	Experimental Techniques in Physics -II	Professional & Industrial Ethics
55	M. Sc. Physics	PHOT-243	Physics of Semiconductor Devices	Professional Ethics
56	M. Sc. Physics	PHOT-244	Energy Studies – II	Environment and Sustainability
57	M. Sc. Physics	PHCP-245	Project	Professional & Industrial Ethics

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	B. Sc. Mathematics	MT 101	Algebra and Geometry	Professional Ethics
2	B. Sc. Mathematics	MT 102	Calculus and Differential equations	Professional Ethics
3	B. Sc. Mathematics	MT 103	Mathematics Practicals	Professional Ethics
4	B. Sc. Mathematics	MT211	Multivariable Calculus	Professional Ethics
5	B. Sc. Mathematics	MT212(B)	Laplace Transform and Fourier Series	Professional Ethics
6	B. Sc. Mathematics	MT213	Practical based on MT211,MT212(B)	Professional Ethics
7	B. Sc. Mathematics	MT222(B)	Numerical methods and it's applications	Professional Ethics
8	B. Sc. Mathematics	MT221	Linear Algebra	Professional Ethics
9	B. Sc. Mathematics	MT223	Practical based on MT221,MT222	Professional Ethics
10	B. Sc. Mathematics	MT 333	Problem Course on MT 331 and MT 332	Professional Ethics
11	B. Sc. Mathematics	MT 335	Ordinary Differential Equations	Professional Ethics
12	B. Sc. Mathematics	MT 336	Problem Course on MT 334 and MT 334	Professional Ethics
13	B. Sc. Mathematics	MT 337:A	Operations Research	Professional Ethics
14	B. Sc. Mathematics	MT 347:A	Optimization Techniques	Professional Ethics
15	B. Sc. Mathematics	MT 347:D	Graph Theory	Professional Ethics
16	B. Sc. Mathematics	MT 337:F	Number Theory	Professional Ethics

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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	B. Sc. Mathematics	MT-113	Mathematics Practical	Professional Ethics
2	B. Sc. Mathematics	MT-123	Mathematics Practical	Professional Ethics
3	B. Sc. Mathematics	MT232(A)	Numerical Methods and Its Applications	Professional Ethics
4	B. Sc. Mathematics	MT-232(B)	Graph Theory	Professional Ethics
5	B. Sc. Mathematics	MT-233	Mathematics Practical based	Professional Ethics
6			on MT - 231 and MT - 232	
7	B. Sc. Mathematics	MT-242(B)	Dynamical Systems	Professional Ethics
8	B. Sc. Mathematics	MT-243	Mathematics Practical based	Professional Ethics
9			on MT - 241 and MT-242	
10	B. Sc. Mathematics	MT 355(A)	Operations Research	Professional Ethics
11	B. Sc. Mathematics	MT 355(C)	C- Programming	Professional Ethics
12	B. Sc. Mathematics	MT356(A)	Machine Learning-I	Professional Ethics
13	B. Sc. Mathematics	MT 356(B)	Number Theory	Professional Ethics
14	B. Sc. Mathematics	MT 356(C)	Laplace Transform and Fourier Series	Professional Ethics
15	B. Sc. Mathematics	MT 357	Practical Course Lab-1(on Metric Space and Real Analysis-I)	Professional Ethics
16	B. Sc. Mathematics	MT 358	Practical Course Lab-II(on Differential equations)	Professional Ethics
17	B. Sc. Mathematics	MT 359	Practical Course Lab-III (on DSE-3A and DSE-3B)	Professional Ethics

18	B. Sc. Mathematics	MT -3510	Programming in Python-I	Professional Ethics
19	B. Sc. Mathematics	MT-3511	LaTeX for Scientific Writing	Professional Ethics
20	B. Sc. Mathematics	MT 365(A)	Optimization Techniques	Professional Ethics
21	B. Sc. Mathematics	MT 365(B)	Calculus of Variation and Classical Mechanics	Professional Ethics
22	B. Sc. Mathematics	MT 365(C)	Financial Mathematics	Professional Ethics
23	B. Sc. Mathematics	MT366(A)	Machine Learning-II	Professional Ethics
24	B. Sc. Mathematics	MT 366(B)	Computational Geometry	Professional Ethics
25	B. Sc. Mathematics	MT366(C)	Lebesgue Integration	Professional Ethics
26	B. Sc. Mathematics	DSE-4MT367	Practical Course Lab-1(on Complex Analysis and Real Analysis-II)	Professional Ethics
27	B. Sc. Mathematics	MT 368	Practical Course Lab-II(on Ring Theory and Partial Differential Equations)	Professional Ethics
28	B. Sc. Mathematics	MT 369	Practical Course Lab-III (on DSE-6A and DSE-6B)	Professional Ethics
29	B. Sc. Mathematics	SEC-III MT 3610	Programming in Python-II	Professional Ethics
30	B. Sc. Mathematics	SEC-IVMT3611	Mathematics into LaTeX	Professional Ethics
31	M.Sc. Mathematics	MTUT 114	Advance Calculus	Professional Ethics
32	M.Sc. Mathematics	MTUT 124	Advance Numerical Analysis	Professional Ethics
33	M.Sc. Mathematics	MTUT 133	Programming with Python	Professional Ethics
34	M.Sc. Mathematics	MTUTO134	Discrete Mathematics	Professional Ethics

35	M.Sc. Mathematics	MTUTO 135	Mechanics	Professional Ethics
36	M.Sc. Mathematics	MTUTO136	Advanced Complex Analysis	Professional Ethics
37	M.Sc. Mathematics	MTUTO137	Integral Equations	Professional Ethics
38	M.Sc. Mathematics	MTUTO 138	Differential Manifolds	Professional Ethics
39	M.Sc. Mathematics	MTUT 141	Fourier Series and Boundary Value Problems	Professional Ethics
40	M.Sc. Mathematics	MTUT 142	Differential Geometry	Professional Ethics
41	M.Sc. Mathematics	MTUT 143	Introduction to Data Science	Professional Ethics
42	M.Sc. Mathematics	MTUTO144	Number Theory	Professional Ethics
43	M.Sc. Mathematics	MTUTO147	Coding Theory	Professional Ethics
44	M.Sc. Mathematics	MTUTO148	Probability and Statistics	Professional Ethics

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	Mathematics	Principles of Programming Language	CC.004	2019-20	Professional Ethics

Head
Department of Mathematics
K. J. Somaiya College, Kopargaon

Principal
K. J. Somaiya College of Arts
Commerce & Science, Kopargaon

QIM 1.3.1 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 & Sustainability)
	B. Sc. Botany	BO.111	FY BSc Paper I Plant Diversity (Sem- I)	Environment & Sustainability
	B. Sc. Botany	BO.111	FY BSc Paper I Plant Morphology and Anatomy (Sem-II)	Environment & Sustainability
1.	B. Sc. Botany	BO.112	FY BSc Paper II Industrial Botany I (Sem I)	Professional Ethics
2.	B. Sc. Botany	BO.112	FY BSc Paper II Industrial Botany II (Sem II)	Professional Ethics
3.	B. Sc. Botany	BO.113	FY BSc Practical Paper III (Sem I & II)	Professional Ethics
4.	B. Sc. Botany	BO.211	SY BSc Paper I Taxonomyof Angiosperms and Plantcommunity (Sem I)	Environment & Sustainability
5.	B. Sc. Botany	BO.212	SY BSc Paper II PlantPhysiology (Sem I)	Environment & Sustainability
6.	B. Sc. Botany	BO.221	SY BSc Paper I Plant Anatomy and Embryology (Sem II)	Professional Ethics
7.	B. Sc. Botany	BO.222	SY BSc Paper II Plant Biotechnology (Sem II)	Professional Ethics
8.	B. Sc. Botany	BO.223	Practical based on theory courses (Paper I and PaperII)	Professional Ethics
9.	B. Sc. Botany	BO.331	TY BSc Paper I Cryptogamic Botany (Sem III)	Environment & Sustainability
10.	B. Sc. Botany	BO.332	TY BSc Paper II Cell andMolecular Biology (Sem III)	Human Values
11.	B. Sc. Botany	BO.333	TY BSc Paper III Geneticsand Evolution (Sem III)	Human Values
12.	B. Sc. Botany	BO.334	TY BSc Paper IV Spermatophyta and Palaeobotany (Sem III)	Environment & Sustainability
13.	B. Sc. Botany	BO.335	TY BSc Paper V Horticulture and Floriculture (Sem III)	Professional Ethics
14.	B. Sc. Botany	BO.336	TY BSc Paper VI CompuATTional Botany (Sem III)	Professional Ethics
15.	B. Sc. Botany	BO.341	TY BSc Paper I Plant Physiology and Biochemistry (Sem IV)	Professional Ethics
16.	B. Sc. Botany	BO.342	TY BSc Paper II Plant Ecology and Biodiversity (Sem IV)	Environment & Sustainability
17.	B. Sc. Botany	BO.343	TY BSc Paper III PlantPathology (Sem IV)	Environment & Sustainability

18.	B. Sc. Botany	BO.344	TY BSc Paper IV Medicinal and Economic Botany ·(Sem IV)	Environment & Sustainability
19.	B. Sc. Botany	BO.345	TY BSc Paper V Plant Biotechnology (Sem IV)	Professional Ethics
20.	B. Sc. Botany	BO.346	TY BSc Paper VI PlantBreeding and Seed Technology (Sem IV)	Professional Ethics
21.	B. Sc. Botany	BO.347	TY BSc Practical I	Professional Ethics
22.	B. Sc. Botany	BO.348	TY BSc Practical II	Professional Ethics
23.	B. Sc. Botany	BO.349	TY BSc Practical III	Professional Ethics

QIM 1.3.1 List of Courses addresses crosscutting issues as per Syllabus (2019 Pattern)

Sr. No.	Programme Name	Course code	Name of Course	Addressed issue (Professional Ethics, Gender, Human Values, Environment & Sustainability)
1	B. Sc. Botany	BO.111	Plant Life and Utilization-I	Environment & Sustainability
2	B. Sc. Botany	BO.112	Plant Morphology andAnatomy	Professional Ethics
3	B. Sc. Botany	BO.113	Practical Based on BO.111 & BO.112	Professional Ethics
4	B. Sc. Botany	BO.121	Plant Life and Utilization-II	Professional Ethics
5	B. Sc. Botany	BO.122	Principles of Plant Science	Professional Ethics
6	B. Sc. Botany	BO.123	Practical Based on BO. 121 &BO. 122	Professional Ethics
7	B. Sc. Botany	BO.231	Taxonomy of Angiospermsand Plant Ecology	Environment & Sustainability
8	B. Sc. Botany	BO.232	Plant Physiology	Professional Ethics
9	B. Sc. Botany	BO.233	Practical based on BO. 231 & BO. 232	Professional Ethics
10	B. Sc. Botany	BO.241	Plant Anatomy andEmbryology	Professional Ethics
11	B. Sc. Botany	BO.242	Plant Biotechnology	Professional Ethics
12	B. Sc. Botany	BO.243	Practical based on BO.241 &BO.242	Professional Ethics
13	B. Sc. Botany	BO.351	Algae and Fungi	Environment & Sustainability
14	B. Sc. Botany	BO.352	Archegoniate	Environment & Sustainability
15	B. Sc. Botany	BO.353	Spermatophyta and Paleobotany	Environment & Sustainability
16	B. Sc. Botany	BO.354	Plant Ecology	Environment & Sustainability
17	B. Sc. Botany	BO.355	Cell and Molecular Biology	Human Values
18	B. Sc. Botany	BO.356	Genetics	Human Values
19	B. Sc. Botany	BO.357	Practical Based on BO.351 &BO.352	Professional Ethics
20	B. Sc. Botany	BO.358	Practical Based on BO.353 &BO.354	Professional Ethics
21	B. Sc. Botany	BO.359	Practical Based on BO.355 &BO.356	Professional Ethics
22	B. Sc. Botany	BO.3510	Medicinal Botany	Human Values
23	B. Sc. Botany	BO.3511	Plant Diversity and HumanHealth	Environment & Sustainability
24	B. Sc. Botany	BO.361	Plant Physiology	Environment & Sustainability
25	B. Sc. Botany	BO.362	Biochemistry	Environment & Sustainability
26	B. Sc. Botany	BO.363	Plant Pathology	Professional Ethics
27	B. Sc. Botany	BO.364	Evolution and Populationgenetics	Professional Ethics
28	B. Sc. Botany	BO.365	Advanced Plant Biotechnology	Environment & Sustainability
29	B. Sc. Botany	BO.366	Plant Breeding and SeedTechnology	Professional Ethics
30	B. Sc. Botany	BO.367	Practical based on BO.361 &BO.362	Professional Ethics
31	B. Sc. Botany	BO.368	Practical based on BO.363 &BO.364	Professional Ethics

32	B. Sc. Botany	BO.369	Practical based on BO.365 &BO.366	Professional Ethics
33	B. Sc. Botany	BO.3610	Nursery and GardeningManagement	Professional Ethics
34	B. Sc. Botany	BO.3611	Biofertilizers	Professional Ethics
35	M. Sc. Botany	BOUT 111	Botany Theory Paper 1 Plant systematics I	Professional Ethics
36	M. Sc. Botany	BOUT 112	Botany Theory Paper 2 Cell Biology and Evolution	Professional Ethics
37	M. Sc. Botany	BOUT 113	Botany Theory Paper 3 Cytogenetics and Plant Breeding	Professional Ethics
39	M. Sc. Botany	BODT 114	Botany Theory Paper 4- a)Pomoculture and Fruit processing technology	Professional Ethics
40	M. Sc. Botany	BODP 114	Botany Practical Paper 4- Based on BO.114	Professional Ethics
41	M. Sc. Botany	BOUP 115	Botany Practical Paper based on BOUT 111, BOUT 112 and BOUT 113	Professional Ethics
42	B. Sc. Botany	BOUT 121	Botany Theory Paper 1-PlantSystematics II	Environment & Sustainability
43	M. Sc. Botany	BOUT 122	Botany Theory Paper 2-Molecular Biology	Professional Ethics
44	M. Sc. Botany	BOUT 123	Botany Theory Paper 3-Biochemistry	Professional Ethics
45	M. Sc. Botany	BODT 124	Botany Theory Paper 4- a.Floriculture and Nursery Management	Professional Ethics
46	M. Sc. Botany	BODP 124	Botany Practical paper 4-based on BODP 124	Professional Ethics
47	M. Sc. Botany	BOUP 125	Botany Practical paper based on BOUT 121, BOUT 122 and BOUT 123	Professional Ethics
48	M. Sc. Botany	BOUT 231	Botany Theory Paper 1-Computational Botany	Professional Ethics
49	M. Sc. Botany	BOUT 232	Developmental Botany	Environment & Sustainability
50	M. Sc. Botany	BOUT 233	Botany Theory Paper 3- PlantPhysiology	Professional Ethics
51	M. Sc. Botany	BODT 234	Botany Theory Paper seed science	Professional Ethics
52	M. Sc. Botany	BODP 234	Botany Practical Paper basedon BODT 234	Professional Ethics
53	M. Sc. Botany	BOUP 235	Botany Practical Paper basedon BOUT 231, BOUT 232, BOUT 233	Professional Ethics
54	M. Sc. Botany	BOUT 241	Botany Theory Paper 1-Botanical Techniques	Professional Ethics
55	M. Sc. Botany	BOUT 242	Advanced Plant Ecology	Environment & Sustainability
56	M. Sc. Botany	BODT 243	a) Seed technology	Professional Ethics
57	M. Sc. Botany	BODT 244	Research methodology	Professional Ethics
58	M. Sc. Botany	BODP 243	Botany Practical paper basedon BODT 243 BODT b) Herbal Technology	Professional Ethics

59	M. Sc. Botany	BODP 244	Botany Practical Paper basedon BODT 244 Or PG Dissertation based on BODT 244	Professional Ethics
60	M. Sc. Botany	BOUP 245	Botany Practical paper based on BOUT 241 and BOUT 242	Professional Ethics