



1.3.1 List of Courses which addresses cross cutting issues in Curriculum (Syllabus/Pattern 2015, 2019) related to professional ethics, gender, human values, environment and sustainability

Sr.N o.	Program	Class	Syllabus Pattern	Course/Subject Name	Course code	Issues addressed
1		SE	2019 Pattern	Humanity and Social Science	(217526)	Educate about Contemporary, National and International affairs. Give an insight about the emergence of Indian society and the relevance of Economics
2		SE	2019 Pattern	Business Communication Skill	(217525)	Increase community awareness on health, education, and human rights. Transferring costs of social activities to other various segments of society.
3	Artificial Intelligence & Data Science	SE	2019 Pattern	Audit Course - Social Awareness and Governance Program	(217527-II)	Increase community awareness on health, education, and human rights. Transferring costs of social activities to other various segments of society.
4		SE	2019 Pattern	Water management	(217535I)	Social awareness to student with nature
5		SE	2019 Pattern	Project Based learning	(217533)	Inclusion of Professional ethics in the curriculum
6		SE	2019 Pattern	Code of conduct	(217534)	To promote honesty, ethics and Professionalism
7		TE	2019 Pattern	Environmental Studies	317527	Educate about Air and Noise pollution.

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						explain the concepts of E- waste and Green Computing
8		TE	2019 Pattern	Audit Course- 3D Printing	317528(C)	To get technical knowledge and to increase stage daring
9		TE	2019 Pattern	Seminar and Technical Communication	(317526)	Inclusion of Professional ethics in the curriculum
10		TE	2019 Pattern	Internship**	(317535)	Inclusion of Professional
						ethics in the curriculum
11		TE	2019 Pattern	Mini Project (CS and Elective-II)	317536	Inclusion of Professional
						ethics in the curriculum
12		TE	2019 Pattern	Leadership and Personality Development	317537(C)	To get technical knowledge and to increase stage daring
13	First Year	SEM-I	2019 Pattern	Audit Course 1- Environmental Studies-I	101007	Inclusion of environment and sustainability in the curriculum
14		SEM-II	2019	Audit Course 2-		
14		2EIVI-II	Pattern	Environmental Studies-II	101014	Inclusion of environment and sustainability in the curriculum
15		SE	2015 Pattern	Awareness to Civil Engineering Practices (Audit Course)	-	Inclusion of Human values, gender in the curriculum
16		SE	2015 Pattern	Soft Skills	201010	Professional ethics, Human values in the curriculum
17	Civil Engineering	SE	2015 Pattern	Audit Course (Awareness to Civil		Inclusion of Professional ethics in the curriculum









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				Engineering Practices)		
18		SE	2015 Pattern	Audit Course 1(Road Safety Management)	-	Inclusion of Professional ethics in the curriculum
19		SE	2015 Pattern	Project Based Learning	201017	Inclusion of Professional ethics in the curriculum
20		TE	2015 Pattern	Employability Skills Development	301006	Inclusion of Professional ethics in the curriculum
21		TE	2015 Pattern	Environmental Engineering	301011	Inclusion of environment and sustainability in the curriculum
22		TE	2015 Pattern	Project Management & Engineering Economics	301008	Inclusion of Professional ethics in the curriculum
23		TE	2015 Pattern	Seminar	301012	Inclusion of Professional ethics in the curriculum
24		TE	2019 Pattern	Audit Course I: - Sustainable Energy Systems	301001 b	Inclusion of environment and sustainability in the curriculum
25		TE	2019 Pattern	Audit Course I : Professional Ethics and Etiquettes	301001	Inclusion of Professional ethics, gender, human
26		TE	2019 Pattern	Seminar	301006	values in the curriculum Inclusion of Professional ethics in the curriculum
27		TE	2019 Pattern	Audit Course II: Leadership & Personality Development	-	Inclusion of Professional ethics in the curriculum
28		BE	2015 Pattern	Environmental Engineering II	401001	Inclusion of Professional ethics, environment and sustainability in the
29		BE	2015 Pattern	Elective III - Hydropower Engineering	401009	curriculum Inclusion of Professional ethics, environment and sustainability in the
30		BE	2015 Pattern	Project Phase -1	401006	curriculum Inclusion of Professional ethics in the curriculum





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31		BE	2015	Elective II	401005	Inclusion of Professional
			Pattern	TQM&MIS		ethics, human values in
	4	-				the curriculum
32		BE	2015	Elective IV -Open	401010	Inclusion of
			Pattern	Elective —Green		environment and
				Building Technology		sustainability in the
						curriculum
33		BE	2019	Audit Course I	b-401010	Inclusion of Professional
			Pattern	Communication		ethics in the curriculum
				Etiquette in		
	4			Workplace	-	
34		BE	2019	Audit Course II Social	a-401019	Inclusion of professional
			Pattern	Responsibility		ethics, gender, human
						values in the curriculum
35		BE	2019	Elective V -	401013 e	Inclusion of
			Pattern	Hydropower		environment and
				Engineering		sustainability in the
						curriculum
36		BE	2019	Elective VIGreen	401016 e	Inclusion of
1			Pattern	Structures and Smart		environment and
				Cities		sustainability in the
						curriculum
37		BE	2019	Project Stage II-	401015	Inclusion of Professional
			Pattern			ethics in the curriculum
20	-					and in the carried and
38		BE	2019	Audit Course II -	b-401019	Inclusion of professional
			Pattern	Human Rights		ethics, gender, human
20						values in the curriculum
39		SE	2019	Humanity & Social	210250	Inclusion of Human
40	1			Sciences	210250	Values in the curriculum
40	1			Audit Course 3 (III)		Inclusion of
		SE	2019	Environmental	210251	Environment and
				Studies		sustainability in the
41	1			Business		curriculum
	Computer	SE	2019	Communication	210249	Inclusion of professional
	Engineering			Skills	210249	ethics in the curriculum
42			2010			
		SE	2019	Code of Conduct	210259	Inclusion of professional
43						ethics in the curriculum
		-	2010	Audit Course 4 (I)		Inclusion of
		SE	2019	Water Management	210260	Environment and
						sustainability in the
44				Audit Course 5		curriculum
		TE	2019	(II) Professional	310250	Inclusion of professional
				Ethics & Etiquette		ethics in the curriculum
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45		TE	2019	Audit Course 6 (II) Sustainabl e Energy Systems	310259	Inclusion of Environment and sustainability in the curriculum
46		BE	2015	Audit Course V (IV) Industrial safety and Environmental Consciousness	410249	Inclusion of Environment and sustainability in the curriculum
47		SE	2015	Soft skills	203151	Professional ethics, Human values in the curriculum
48		SE	2015	Audit Course I (Solar Thermal Systems)	203151	Inclusion of environment and sustainability in the curriculum
49	Electrical	TE	2015	Industrial And Technology Management	311121	Professional ethics, Human values in the curriculum
50	Engineering	TE	2015	Seminar and Technical Communication	303145:	Inclusion of Professional ethics in the curriculum
51		TE	2015	Audit Course III-Wind Energy Systems	303152	Inclusion of environment and sustainability in the curriculum
52		TE	2015	Energy Audit and Management	303150	Professional ethicsInclusion of environment and sustainability in the curriculum
53		BE	2015	Elective I Renewable Energy Systems	403143	Inclusion of environment and sustainability in the curriculum
54		BE	2015	Elective II Electric and Hybrid Vehicles	403144	Inclusion of environment and sustainability in the curriculum
55		BE	2015	Project I	403146	Inclusion of Professional ethics in the curriculum
56		BE	2015	Project II	403151	Inclusion of Professional ethics in the curriculum
57		BE	2015	Audit Course V (B) Foreign language- German	403152	Inclusion of Professional ethics in the curriculum

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58		SE	2019	Soft skills	203151	Professional ethics, Human values in the
						curriculum
59	1	SE	2019	Project Based	203152	Inclusion of Professional
				Learning - II		ethics in the curriculum
60		TE	2019	Industrial And	303141	Professional ethics,
				Technology		Human values in the
	-			Management		curriculum
61		TE	2019	Seminar	303146	Inclusion of Professional ethics in the curriculum
62	1	TE	2019	303153 : Audit	303153 A	Inclusion of Professional
			2020	Course-VI Ethical		ethics in the curriculum
				Practices for		
				Engineers		
63]	TE	2019	Internship	303152	Inclusion of Professional
]					ethics in the curriculum
64		BE	2019	Elective II Electric	403144	Inclusion of
				and Hybrid Vehicles		environment and
						sustainability in the
	<u> </u> ,			- W W.		curriculum
65		BE	2019	Audit Course-VII-	403147	Inclusion of Professional
-	-	- 55	2010	Sustainbility	403145	ethics in the curriculum Inclusion of Professional
66		BE	2019	Project I	403145	ethics in the curriculum
67	-	BE	2019	Project II	403152	Inclusion of Professional
07	!	BL	2013	Projectii	403132	ethics in the curriculum
68		SE	2019	Audit Course 3	204190	Inclusion of
00		52	2013	-		environment
				Ecology and		and sustainability in the
				Environment		curriculum
60	-	SE	2019	Employability Skill	204199	Inclusion of Professional
69		3E	2019	Development	204199	ethics in the
				2 C VOTOPILION		curriculum
1	Electronics &					Carricularii
70	Telecommun	SE	2019	Audit Course 4	204201	Inclusion of human
/ /	ícation	-		-		values in the
	Engineering			Human Behaviour		curriculum
				1110		
71		TE	2019	Audit Course 5	304191A	Inclusion of
				Familia marantal 0		environment
				Environmental &		and sustainability in the
			1	Resource		curriculum
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72		TE	2019	Audit Course 6 - Non-Conventional Energy Resources	304191B	Inclusion of environment and sustainability in the curriculum
73		SE	2019	Audit Course 3: - Ethics and values in IT	214450A	Inclusion of Human values, professional ethics in the curriculum
74	Information Technology	SE	2019	Audit Course 3: Language Study- Japanese- Module	214450C	Inclusion of human values and sustainabilit y in the curriculum
75	, recimology	SE	2019	Audit Course 3: - Cyber Security and Law	214450D	Inclusion of professional ethics in the curriculum
76		SE	2019	Audit Course 4: - Water Supply and Treatment	214459A	Inclusion of environment and sustainability in the curriculum
77		SE	2019	Audit Course 4: - Waste Management and Pollution Control	214459C	Inclusion of environment and sustainability in the curriculum
78		SE	2019	Audit Course: - Intellectual Property Rights	214459D	Inclusion of Human values, professional ethics in the curriculum
79		SE	2019	Soft Skills	(214449)	Professional ethics, Human values in the curriculum
80		SE	2019	Programming Skill Development Lab	(214455)	Inclusion of Human values, professional ethics in the curriculum
81		SE	2019	Project Based Learning Engine	(214458)	Inclusion of Professional ethics in the curriculum





82			2019		(314444	Inclusion of
		TC		Human Computer		environment and
		TE		Interaction)		sustainability in the
						curriculum
83	7		2019	A 111 C	314450A	Inclusion of Human
		TE		Audit Course 5:		values, professional
		16		-Banking and	,	ethics in the
1				Insurance		curriculum
84] [2019		314450B	Inclusion of Human
		70		Audit Course 5:		values, professional
		TE		-Startup Ecosystems		ethics in the
						curriculum
85	7		2019		314445C	Inclusion of Human
		TE		Elective-II: - Design		values, professional
		16		Thinking		ethics in the
						curriculum
86] [2019	Audit Course 6:	314459A	Inclusion of
		TE		- Green and		environment and
		12		Unconventional		sustainability in the
] [Energy		curriculum
87	1		2019	Seminar	(314449)	Inclusion of
	1	TE				Professional ethics in
	1 1				2444500	the curriculum
88			2019	Leadership and	314459B	Inclusion of Human
		TE		Personality		values, professional
				Development		ethics in the
	1 1		7010		21.445.45	curriculum
89			2019		314454B	Inclusion of Human
		TE		Cyber Security		values, professional
						ethics in the
					(24.4455)	curriculum
90			2019		(314455)	Inclusion of
		TE		Internship	-	Professional ethics in
						the curriculum
91			2019	Audit Courses 7:	414449A	Inclusion of Human
		BE		: Copyrights and		values, professional
				Patents		ethics in the
				1 1: 0	4444455	curriculum
92			2019	Audit Courses 7:	414449B	Inclusion of Human
		BE		; Stress		values, gender,
		2-		Management by		sustainability in the
				- factor of the second		curriculum
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93			2019	Audit Courses 7:	414449C	Inclusion of Human
		BE	1	: English for		values, professional
			1	Research Paper		ethics in the
	_			Writing	-	curriculum
94			2019	5	(414448)	Inclusion of
		BE		Project Phase-I		Professional ethics in
						the curriculum
95			2019	A !!! C	414457B	Inclusion of Human
		BE	1	Audit Courses 8::		values, professional
		DE.		Cyber Laws and Use		ethics in the
				of Social Media		curriculum
96			2019		414457C	Inclusion of Human
				Audit Courses 8::		values, gender,
		BE		Constitution of		sustainability in the
				India		curriculum
97	1		2019	Elective VI:	414452A	Inclusion of
		BE		Ethical Hacking and	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	professional ethics in
				Security		the curriculum
98	1		2019	Joseph	(414456)	Inclusion of
		BE	2023	Project Phase-II	(414430)	Professional ethics in
		"		1 Tojece Thase-II		the curriculum
99	-	SE	2015	Audit Course- Road	202054 A	Inclusion of Human
))		J.	Pattern	Safety	202054 A	values, gender in the
			1 detern	Juicely		curriculum
100	1	SE	2015	Soft Skills	202047	Professional ethics,
100		52	Pattern		202047	Human values in the
						curriculum
101		SE	2019	Audit Course - III -	202046	Inclusion of Professional
	Mechanical		Pattern	Entrepreneurship		ethics in the curriculum
	Engineering			Development		
102	Brigineering	SE	2019	Project Based	202052	Inclusion of Professional
			Pattern	Learning - II		ethics in the curriculum
103		SE	2019	Audit Course – IV-	202053	Inclusion of Professional
			Pattern	Business Ethics		ethics in the curriculum
				CL:U D		
104		TE	2015	Skill Development	302046	Inclusion of Professional
			Pattern			ethics in the curriculum
105	-	TE	2015	Refrigeration and Air	302049	Inclusion of
103		16	Pattern	Conditioning	302043	environment and
			,			sustainability in the
						curriculum
106	ŀ	TE	2015	Seminar	302053	Inclusion of Professional
100		16	Pattern	Seminar ege of Enginee	552533	ethics in the curriculum
			//	3.1		cones in the curriculum
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107	-	-	and the same of the same of	•		-
1 107		TE	2015	Audit	302054	Inclusion of Professional
1			Pattern	Course- Entreprene		ethics in the curriculum
1.22				urship Development		
108		TE	2019	Advanced Forming &	302045-A	Inclusion of
			Pattern	Joining Processes		environment and
			1			sustainability in the
						curriculum
109		TE	2019	Audit Course V -	302048	Inclusion of Professional
			Pattern	Entrepreneurship	302010	ethics, gender, human
				and IP strategy		values in the curriculum
110		TE	2019	Internship/Mini	302055	Inclusion of Professional
			Pattern	project	302033	
			, ottern	project		ethics in the curriculum
111		TE	2019	Audit Course VI -	302056	Inclusion of Professional
			Pattern	Management	302030	ethics in the curriculum
	-			Information System		cand in the carriculant
112		BE	2015	Elective-I Heating	402044	Inclusion of Professional
			Pattern	Ventilation and Air	402044	
	1			Conditioning		ethics, environment and
1				conditioning		sustainability in the
113	Ì	BE	2015	Elective – II Energy	402045 C	curriculum
			Pattern	Audit and	402045 C	Inclusion of Professional
and the same of th			, atten	Management		ethics, environment and
				wanagement		sustainability in the
114	-	BE	2015	Project-I	100015	curriculum
1		O.C.	Pattern	Project-i	402046	Inclusion of Professional
			Pattern			ethics in the curriculum
115	T T	BE	2015	Elective – III -	402049 B	
			Pattern	Industrial	402049 B	Inclusion of Professional
				Engineering		ethics, human values in
116	r	BE	2015	Elective – IV -Solar	403050.5	the curriculum
		D.	Pattern	and Wind Energy	402050 B	Inclusion of
1 1	1		, atten	and wind Energy		environment and
						sustainability in the
117	-	BE	2019	Decises (Ch.)		curriculum
1		DE		Project (Stage - I)	402047	Inclusion of Professional
			Pattern			ethics in the curriculum
118	-	BE	2019	Audit Course VII -	40205	
		U.L	Pattern	Stress Management	402054	Inclusion of professional
			rattern	stress management		ethics, gender, human
119	-	0.5	2010	Floretine M. F.		values in the curriculum
119		BE	2019	Elective-V -Energy	402050B	Inclusion of
			Pattern	Audit and		environment and
				Management		sustainability in the
10	_					curriculum
120		BE	2019	Elective-VI Electrical	402051E	Inclusion of
	1		Pattern	and Hybrid Vehicle		environment and
			-f3/	100		and
			1101	1011	-	





121		BE	2019 Pattern	Project (Stage - II)	402053	sustainability in the curriculum Inclusion of Professional ethics in the curriculum
122		BE	2019 Pattern	Audit Course VIII- Operations Management	402055	Inclusion of professional ethics, gender, human values in the curriculum
123	Robotics & Automation	SE	2019	Audit Course Road Safety	211090	Inclusion of Human values, gender in the curriculum
124		SE	2019	Innovation by Design	211100	Inclusion of Human values, Professional ethics in the curriculum
125		SE	2019	Project Based Learning	211099	Inclusion of Professional ethics, gender, human values in the curriculum



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