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- 1.3.1: Mapping and description of courses having crosscutting issues relevant to Gender (G), Environment and Sustainability (ES), Human Values & Professional Ethics (H & PE) in the curriculum
  - Mapping and description of courses having crosscutting issues relevant to Gender (G)
  - Mapping and description of courses having crosscutting issues relevant to Environment and Sustainability (ES)
  - Mapping and description of courses having crosscutting issues relevant to Human Values & Professional Ethics (H & PE)



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Mapping and description of courses having crosscutting issues relevant to Gender (G)



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# \* Courses having crosscutting issues relevant to Gender (G)

Sr. No.	Name of the Course	Course Code	G	Description
1	Special Course: Giving Voice to Values	ASPC0101/ SSPC0101/ CSPC0101/ AVT0103/ SVS0103	<b>√</b>	Course content designed to make students sensitive to the dynamics of gender.
2	Special Course: Human Rights	ASPC0201/ SSPC0201/ CSPC0201/ AVT0203/ SVS0203	<b>√</b>	Course content is designed to familiarise the students to the philosophy and various issues related to human rights with focus on gender issues.
3	Narratives of Conflict: Ideology & Resolution	AENG0506	✓	Content includes exploring the workings of gender based conflict and resolution, in different ideological contexts and cultures.
4	World History from the Renaissance to c. 1870	AHIS0101	<b>√</b>	Course familiarises students with role of gender in the shaping of modern world.
6	Issues in Indian Polity-Rights of Citizens of India	APOL0603	✓	Emphasises on awareness of the various provisions, issues, conflicts, judicial remedies and implementation problems with regards to Rights in India.
7	Major Issues in Contemporary Politics-International Social Issues	APOL0606	✓	Familiarises students to Human Rights, Feminist and Peace Movements
8	General Introduction to Law	AAC03013	✓	Introductory course about the basics of Legal aspects.
9	Psychology of Relationships (Psychology)	SSPC04016	✓	Course aims to stimulates interest in Psychology for Science Undergraduate students by emphasizing relevant applications of psychology in everyday life with emphasis on gender, communication and interpersonal relationships.

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Sr. No.	Name of the Course	Course Code	G	Description
10	Gender Studies-I (Applied Component)	ASOC0506	<b>√</b>	Course inculcates an understanding of the relationship of gender to past and present social and cultural institutions and feminist and related theoretical approaches
11	Cul. Hist.& Arch'gy of India in Deccan & Early Medieval Period	AAIC0301	<b>√</b>	Course content provides insights into the gender aspects during the medieval period.
12	Social Organization in Ancient India	AAIC0401	<b>√</b>	Course offers insights into the role of woman in the social organisation of ancient India.
13	Approaches to Growth & Development	AECO0504	<b>√</b>	Course introduces students to the concept of gender development index
14	Economic Development: Policy & Applications (2)	AECO0604	<b>√</b>	Course introduces students to the critical areas of developmental economics with reference to India
15	Approaches to Popular Culture	AENG0605	<b>✓</b>	Unit Content on understanding Gender representation in popular culture
16	Psychology of Gender-I	AAC03019	✓	Course provides knowledge of gender-based theories and research methodology and creates self- awareness with respect to gender identity and gender roles.
17	Psychology of Gender-II	AAC04019	✓	Course aims to develop critical thinking and application skills with respect to the subject matter of psychology of gender and introduces students to the link between psychology of gender and personality.
18	Introduction To Sociology-I	ASOC0101	✓	Course offers insights into the critical issues and perspectives in the society including gender and family aspects.
19	Modern Sociological Theories-II	ASOC0601	✓	Course content provides critical analysis of theoretical legacy in Sociology from a feminist standpoint



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Sr. No.	Name of the Course	Course Code	G	Description
20	Gender Studies-II (Applied Component)	ASOC0606	<b>✓</b>	Course inculcates an understanding of the relationship of gender to past and present social and cultural institutions and feminist and related theoretical approaches.
21	Introduction to Literature	AMM0105	<b>✓</b>	Course introduces students of the media to a sociological understanding of group behaviour and identity formation.
22	Contemporary Issues	AMM0505	✓	Course introduces macro global issues with regional implications and orient students to action research
23	Indian Regional Journalism	AMM0608	✓	Course provides insights into the role of language papers in fostering socio-cultural development in their areas of circulation
24	Public Policy Analysis	PPCC0701	✓	Course provides students with a thorough knowledge and understanding of public policy and helps analyze the politics, institutions, norms and actors involved in agenda setting, legitimation, and decision-making in public policy.
25	Gender and Public Policy	PPEC0802	✓	Course content helps students to understand the economic, social and political structures that underscore gender inequity as well as explore available policy mechanisms to mitigate it. They also understand that public policies are not only an important component in the ongoing construction of gender differences but also a site where gender issues are renegotiated.





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# Mapping and description of courses having crosscutting issues relevant to Environment and Sustainability (ES)



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### \* Courses having crosscutting issues relevant to Environment and Sustainability (ES)

Sr. No.	Name of the Course	Course Code	ES	Descriptions
1	Special Course: Environmental Studies	ASPC0201/ SSPC0201/ CSPC0201/ AVT0204/ SVS0204	<b>√</b>	The course emphasises the interdisciplinary nature of the subject, while providing an in-depth understanding of the relationship between humans and the environment and the various roles humans play as stakeholders in the ecological world.
2	Anthropology of Development-I	AANT0502	✓	The course discusses the importance of development and alternatives through discourses of Sustainable Development Goals as the future of development.
3	Anthropology of Development-II	AANT0602	✓	The course helps identify the approach towards and evaluate the progress of development keeping with the Millennium Development Goals and Sustainable Development Goals.
4	Environment and Public Policy	PPEC0801	✓	The course enables the students to understand the interconnectedness of environment and policy and the importance of environmental governance and laws.
5	Angiosperms-IV (Geography and IPR)	SBOT1004	✓	The course provides knowledge of plant geography and ethnobotany and technological tools to help with taxonomic identification of plant biodiversity.
6	Environmental Biotechnology	SBTS0904	✓	The course focuses on biotechnology-based solution for environmental issues.
7	Study of Protection, Conservation & Preservation of Indian Monuments	AAIC0503	✓	The course discusses conservation of monuments and environmental issues that cause structural degradation as well as problems with conservation and restoration.
8	Plant Systematics	SBOT0502	<b>✓</b>	The course helps the students use Botanical Survey of India and IUCN-red data book in

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Sr. No.	Name of the Course	Course Code	ES	Descriptions
				conversation and preservation of biodiversity.
9	Environmental Botany	SBOT0602	<b>√</b>	The course deals with causes, consequences, prevention, of pollution and efforts for controlling the pollution.
10	Organic and Industrial Chemistry-I	SCHE0303	✓	The course helps the student understand the sources of organic compounds and the importance renewable sources.
11	Inorganic and Industrial Chemistry-II	SCHE0402	✓	The course has a component of environmental chemistry dealing with chemicals and contaminants in the environment.
12	Solid State, Solution & Medicinal Chemistry	SCHE0602	✓	The course will help the students evaluate applications of nanotechnology in sustainable development.
13	Ecology & Biodiversity	SLSC0504	✓	The course discusses the concept of ecology, understanding of biodiversity both qualitatively and quantitatively and identify and assess the threats damage ecosystems and endanger biodiversity.
14	Environment & Environmental Pollution	SLSC05AC	✓	The course emphasizes the importance of life sustaining resources and the consequences of overuse and misuse of these resources.
15	Recombinant DNA Technology &Bioinformatics	SLSC0603	✓	The course describes the applications of recombinant DNA technology in agriculture and industry.
16	Sustainable Development & Carbon Management	SLSC0604	✓	The course aims to sensitize the students towards the current issues related to environment management.
17 WEGF-A	Life Science Practicals-VI	SLSC06PR	✓	The practical course deals with hands-on approach to carbon management through calculation of the carbon footprint, LCA, etc.

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Sr. No.	Name of the Course	Course Code	ES	Descriptions
18	Environment Sustainability and Legislation	SLSC06AC	<b>✓</b>	The course aims to expose students to the measures available for sustainable development and carbon management.
19	Microbial Diversity, Taxonomy & Significance	SMIC0201	✓	The course discusses the principle of microbial ecology with an emphasis on human microbiome.
20	Environmental Microbiology	SMIC0402	✓	The course examines the beneficial and harmful roles of microbes in air, water and soil and the application of microbial processes to environmental management.
21	Vertebrate Systematics and Ecology	SZOO0201	✓	The course helps students understand the consequences of loss of biodiversity and help analyse and assess human contribution to this loss.
22	Biochemistry and Applied Zoology	SZOO0403	✓	The course examines the types of fisheries in India, preservation and conservation of with various types of local commercial fish as well as environmental impact of aquaculture.
23	Basics of Enzymes, Toxicology, Histology and Nanoscience	SZOO0601	✓	The course is designed to help students understand the basic concept of toxicology; know the mechanisms of systemic and organ toxicity.
24	Ecology	SBOT0803	✓	The course discusses importance of ecosystem in recycling of nutrients, its benefits and the effects of climate change on vegetation.
25	Applied Botany	SBOT0903	<b>√</b>	The course helps the students understand and assess the use microbial and phytoremedial methods used in cleaning environment.
26 DUE66.	Bioinformatics and Research Methodology	SBTS09PR	✓	The course is designed to help students design experiments which include biotechnology-based solution aspects for environmental issues.

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Sr. No.	Name of the Course	Course Code	ES	Descriptions
27	Microbial Ecology and Environmental Microbiology	SMIC1001	✓	The course helps the students to understand the principles of techniques used in microbial ecology and to learn the application of microorganisms in bioremediation and waste disposal.





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# Mapping and description of courses having crosscutting issues relevant to Human Values & Professional Ethics (H & PE)



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### Courses having crosscutting issues relevant to Human Values & Professional Ethics (H & PE) in the curriculum

Sr. No.	Name of the Course	Course Code	H & PE	Description
1	General Introduction to Law	AAC03013	<b>✓</b>	Introductory course to understand the legal aspects of human rights.
2	Psychology of Adjustment-I	AAC03018	<b>✓</b>	Course helps in sensitizing students to the importance of self-awareness, self-regulation, effective interpersonal communication, and meaningful personal relationships and develop critical thinking and application skills with respect to the subject matter of psychology of adjustment.
3	Psychology of Adjustment-II	AAC04018	✓	This course introduces students to self-awareness and thus facilitate life decisions and constructive coping with life's challenges.
4	Political Institutions in Ancient India	AAIC0501	✓	Course provides knowledge base to understand the ethical practices of Political institutions
5	A Study of Culture, History of World Civilization	AAIC0504	✓	Course provides knowledge base to understand the ethical practices in ancient India
6	Brief Survey of Religio- Philosophical Traditions in India-I	AAIC0505	<b>√</b>	Course make students acquainted with the various religious ideals in order to understand the various concepts in Indian religiophilosophical traditions.
7	Study of Protection, Conservation and Preservation of Antiquities.	AAIC0604	<b>√</b>	Course provides knowledge base to acquaint students with the ethical practices in the methods of conservation and protection of antiquities.
8	Anthropology of Development - I Option with Socio 5.08	AANT0502	✓	Course provides insights into the consequences of developmental initiatives that fosters critical analysis of the same.
0	Anthropology of Development - II	AANT0602	✓	Course provides insights into the consequences of developmental

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Sr. No.	Name of the Course	Course Code	H & PE	Description
	Option with Socio 6.08			initiatives that fosters critical analysis of the same.
10	Principles of Management-I	ACOM0301	<b>√</b>	Course prepares students with a comprehensive introduction to effective management principles and conduct and introduces contemporary management concepts and skills.
11	Organizational Behaviour	ACOM0502	<b>✓</b>	Course helps the student recognize and understand the dynamics of individual, group, and system relationships to achieve organizational goals.
12	Human Resource Management	ACOM0602	<b>✓</b>	Course provides insights to understand the managing of human behavior in organizations for optimal organizational effectiveness and individual outcomes.
13	Advanced Macroeconomics	AECO0601	✓	Course introduces students to the nuances of public finance and Labour economics.
14	Narratives of Conflict: Ideology & Resolution	AENG0506	<b>✓</b>	Course provides understanding of Conflict resolution fostering ethical practices.
15	Tales of the City	AENG0606	<b>√</b>	Course helps students to examine literature and films that record the urban experience in all its facets, including darker side, marked by loneliness, alienation, and a host of individual and social constraints.
16	Mass Media And Communication (Radio and Advertising)	AHIA0302	<b>√</b>	Course introduces the undergraduate students to the history, effect, ethics and creative writing in radio and advertising.
17	Mass Media And Communication (Television and Film)	AHIA0402	✓	Course introduces the undergraduate students to the history, effect, ethics and creative writing in television and film.



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Sr. No.	Name of the Course	Course Code	H & PE	Description
18	World History from the Industrial Revolution to World War II	AHIS0201	<b>✓</b>	Course helps in tracing the growth and development of individual rights, democracy, liberalism, and the nation state and understand the social and ideological forces that shaped the modern world and understand the present political structures, economic activities, social developments, cultural achievements and scientific innovations in the light of the past.
19	An Outline History of Early India-I (3500 BCE-200 BCE)	AHIS0301	<b>√</b>	Course give students a broad understanding of the main political trends, social formations and economic systems of early India and a perspective on the main philosophical ideas, other cultural developments and spiritual principles of early India.
20	Media Law and Advertising Ethics	AMM0502	✓	Course content guide students of the media through the various ethics connected to advertising.
21	Press Laws and Ethics	AMM0607	✓	Course provides understanding of ethical practices in Journalism.
22	Introduction to Public Administration	APOL0302	<b>√</b>	Course brings in the ethical context in public administration
23	Issues in Indian Polity-Rights of Citizens of India	APOL0603	✓	Course provides the ethical context of issues in Indian Polity and
24	American Government and Politics	APOL0604	<b>√</b>	Course provides in31 sights about the functioning and practices of political parties, pressure groups and election and voting patterns and
25	International Politics Major Issues	APOL0605	<b>√</b>	Course helps in understanding various political issues and their impact that influences human values and interactions.

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Sr. No.	Name of the Course	Course Code	H & PE	Description
26	Major Issues in Contemporary Politics-International Social Issues	APOL0606	<b>√</b>	Introductory course on understanding the concepts in Human rights, Feminism and Peace movements
27	Introduction To Psychology-I	APSY0101	<b>√</b>	Course introduces students to the basic biological, motivational, and emotional bases of behaviour related to areas of Psychology.
28	Industrial Organizational Psychology-I	APSY0503	<b>✓</b>	Course provides an understanding of important concepts, processes, and issues in the field of Industrial-Organizational psychology. It prepares students with soft skills for effectiveness in the corporate world.
29	Insight Oriented Counselling	APSY0506	✓.	Course provides knowledge and comprehension regarding the rationale, goals and techniques of psychodynamic counselling approaches and facilitates insight into the use and application of counselling with children and adolescents.
30	Industrial Organizational Psychology-II	APSY0603	✓	Course provides an understanding of important concepts, processes, and issues in the field of Industrial-Organizational psychology. It prepares students with soft skills for effectiveness in the corporate world.
31	Action Oriented Counselling	APSY0606	✓	Course inculcates knowledge and comprehension regarding the rationale, goals and techniques of action-oriented counselling approaches and facilitates insight into the ethical use and application of counselling with diverse groups.
32	Counselling Process and Skills	APSY0703	<b>✓</b>	Course provides insights into ethical practices followed in the counselling process.

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Sr. No.	Name of the Course	Course Code	H & PE	Description
33	Theoretical Approaches in Psychotherapy	APSY0704	<b>√</b>	Course provides knowledge base about the various psychotherapy systems and the ethical framework around it.
34	Research Methodology and Statistics in Psychology	APSY0705	<b>✓</b>	Course provides insights into the ethical framework of academic research in the field of Psychology.
35	Practicum: Group Process and Individual Counselling	APSY0706	<b>✓</b>	Course provides insights into Practical approaches and process of ethical practices followed in the counselling process.
36	Psychotherapeutic Techniques I	APSY0804	<b>✓</b>	Course provides understanding of skills required and ethical approaches to different psychological issues in different populations at any age in the lifespan.
37	Practicum: Fieldwork + Case presentations	APSY0805	<b>✓</b>	Course provides practical experience in the process of counselling and clear understanding of the ethical and human rights framework to be followed while following the techniques and case presentations.
38	Gender Studies - I (Applied Component)	ASOC0506	✓	Course highlights Gender rights issues.
39	Research Methods in Sociology-II	ASOC0607	<b>√</b>	Course provides insights into ethical practices followed in qualitative and quantitative social research.
40	Special Course: Giving Voice to Values	ASPC0101/ SSPC0101/ CSPC0101/ AVT0103/ SVS0103	<b>√</b>	Course content provides insights to engage critically with nuances of value systems
41	Special Course : Human Rights	ASPC0201/ SSPC0201/ CSPC0201/	<b>√</b>	Course familiarises students with concepts of Human rights, creates an understanding of various systems and provisions for

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Sr. No.	Name of the Course	Course Code	H & PE	Description
		AVT0203/ SVS0203		fostering Human rights and sensitizes them to diverse human rights issues
42	Special Course: Environmental Studies	ASPC0301/ SSPC0301/ CSPC0301/A VT0304/ SVS0304	<b>✓</b>	Course provides an insight into environment sustainability and the need of ethical practices for conservation of environment.
43	Commerce-I: Management- Functions and Challenges	CCOM0104	<b>✓</b>	Course provides insights into different ways of practical application of the principles of management in the decision making process to take decisions in a better way.
44	Commerce III : Marketing	CCOM0204	<b>✓</b>	Course provides insights into the importance of marketing as an important function in organizations and the trends in marketing in the present-day scenario to make ethically sound decisions.
45	Commerce-V: Human Resource Mgt	CCOM0304	<b>✓</b>	Course provides insights into the significance of human resources management in modern days and develop deeper understanding of nature of industrial relationships.
46	Advertising	CCOM0307	✓	Course provides an understanding of economic and social impact of advertising on Businesses and the ethical aspects involved.
47	Advertising	CCOM0407	✓	Course provides an understanding of economic and social impact of advertising on Businesses and the ethical aspects involved.
48	Commerce-VIII: Entrepreneurship	CCOM0605	<b>√</b>	Course provides knowledge base about the various aspects of entrepreneurship in Indian context and helps in fostering ethically sound entrepreneurial skills in students

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Sr. No.	Name of the Course	Course Code	H & PE	Description
49	Corporate Secretarial Management & Governance	CCOM0606	<b>✓</b>	Course provides an understanding, of an advanced company law and role of Company secretary in adhering with compliance of statutory provisions, rules, and regulations.
50	Organizational Behaviour	CMS0201	<b>✓</b>	Course provides insights into professional ethics via understanding of basic concepts, theories, and techniques in the field of human behaviour at the individual, group and organizational levels in the changing global scenario and helps increase managerial effectiveness through understanding of self and others.
51	Marketing Management	CMS0203	~	Course provides the knowledge base of fundamentals of marketing management and equip students to be visionary marketing professionals who would add value to the organization.
52	Human Resource Management	CMS0301	<b>~</b>	Course familiarises students with the various functions of human resource management and lays a strong foundation for pursuing goals of becoming HR strategists, change agents and organizational transformationalists.
53	Indian Management Thoughts and Practices	CMS0504	✓	Course provides an understanding of Indian philosophy of life and Indian ethos that give an organization a holistic work culture and that Ethics followed by Corporate Houses has its foundation in the value system
54	Business Ethics & Corporate Social Responsibility	CMS0604	<b>✓</b>	Course highlight the importance of ethical values in every aspect of industry and business and help students link the concept of

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Sr. No.	Name of the Course	Course Code	H & PE	Description
				business and its existence for societies contribution.
55	Ethics and Redistribution	PPCC0703	<b>√</b>	Course provides an understanding about policy ideologies to critically analyse the ideologies and practices to ensure greater inclusion within the society.
56	Law and Public Policy	PPCC0704	<b>✓</b>	Course provides the means to develop a perspective on comparative law, international law and arbitration mechanisms between nations, natural justice, and regulatory institutions.
57	Economy, Society and Public Policy	PPCC0801	<b>✓</b>	Course trains the students to have skills to do quantitative analysis of social and economic policy and bring in a multidisciplinary to the study of economics and develop a policy and problemsolving orientation.
58	Project Planning, Management and Evaluation	PPCC0902	~	Course trains students to acquire skills in learning how to define project objectives and planning / management tools through a multidisciplinary and creative approach.
59	Dissertation Writing	PPCC1002	<b>√</b>	Coursework provides with practical learnings of ethical research and publication practices.
60	Globalization and Labour Policy	PPEC1001	<b>~</b>	Course provides the insights into the question of labor in development and its diverse meanings in the context of policy making in India.
61	Angiosperms-IV (Geography and IPR)	SBOT1004	<b>√</b>	Course provides insights about protection of intellectual property rights.
OUTEF.	Techniques in Biotechnology and Coentific	SBTS07PR	<b>√</b>	Course provides experientially learning in ethical practices

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Sr. No.	Name of the Course	Course Code	H & PE	Description
	Communication Skills			involved in scientific research and publication.
63	Biotechnology	SBTS08PR	<b>✓</b>	Course provides training in scientifically and ethically sound practices to be followed during scientific experimentation and reporting.
64	Drug Development	SBTS0902	<b>√</b>	Course provides insights into the ethical practices and regulatory framework to be followed for Drug Development.
65	Environmental Biotechnology	SBTS0904	✓	Course helps in critical analysis of ethical aspects of biological research.
66	Environmental Biotechnology	SBTS0904	<b>√</b>	Course provides insights into the bioethics aspects within the purview of biotechnology research and development.
67	Entrepreneurship and IPR	SBTS1001	<b>✓</b>	Course provides insights into the nuances of entrepreneurship, IPR and the ethical framework to be followed in research and entrepreneurial ventures.
68	Entrepreneurship	SBTS1001PR	<b>√</b>	Coursework trains students to follow ethical practices while ideating and executing business ideas.
69	Research Project	SBTS1002PR	✓	Coursework provides experiential learnings in scientifically sound and ethical experimentation, data generation and reporting.
70	Dissertation*	SGEO1004	✓	Coursework provides experiential learnings in scientifically sound and ethical experimentation, data generation and reporting.
71	Scientific Comm., Research Methodology, Intellectual Property Rights and Entrepreneurship	SLSC0702	✓	Course provides insights into ethical practices followed in academic research and publication, protection of intellectual property and entrepreneurial ventures.

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Sr. No.	Name of the Course	Course Code	H & PE	Description
72	Pharmacology & Clinical Research	SLSC1002	<b>✓</b>	Course highlights the regulatory framework followed during the process of drug development.
73	Industrial Biotechnology & Genetics	SMIC0501	<b>✓</b>	Course covers the knowledge base for ethical use of biological resources for the benefit of society.
74	Research Methodology and Biostatistics	SMIC0804	<b>✓</b>	Course provides insights into the ethical practices to be followed during scientific research.
75	Bioprocess Technology	SMIC0903	<b>✓</b>	Course content provides understanding of protection of intellectual property and ethical practices involved in scientific experimentation
76	Internal Project	SMIC1001PR	<b>√</b>	Coursework provides experiential learnings in scientifically sound and ethical experimentation, data generation and reporting.
77	Internal Project	SMIC1002PR	✓	Coursework provides experiential learnings in scientifically sound and ethical experimentation, data generation and reporting.
78	Scientific Communication Skills	SSCS0301	✓	Course provides detailed understanding of the nuances of academic research and publication ethical practices.
79	Scientific Communication Skills	SSCS0401	✓	Course provides detailed understanding of the nuances of academic research and publication ethical practices.
80	Psychology of Relationships (Psychology)	SSPC04016	✓	Cross discipline course for science students that sensitizes them to the importance of effective interpersonal communication and meaningful personal relationships and experience some of the dynamics underlying the process of interpersonal relationships.

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Sr. No.	Name of the Course	Course Code	H & PE	Description
81	Media Law and Advertising Ethics	AMM0502	~	Course provides a perspective on the legal environment in India and helps guide students of the media through the various ethics connected to advertising. Maharashtra state centric cases to be discussed in class as the situation demands

