



UTTARANCHAL UNIVERSITY
(Established vide Uttaranchal University Act, 2012)
(Uttarakhand Act No. 11 of 2013)

1.3.1 List and Description of Courses pertaining to Environment and Sustainability, Gender, Human Values and Professional Ethics are incorporated into the curriculum of various academic programs in University

S. No.	Program Name	Course Code	Course Name	Category (Environment and Sustainability, Gender, Human Values and Professional Ethics)	Description
1	BCA	BCA-A204	Environmental Science	Environment & Sustainability	This course aims to enable the students to understand the significance of environment by elaborating their knowledge of the current environmental issues, and demonstrate critical thinking to plan innovative strategies for environmental conservation and sustainable development.
2	B.Sc. IT	BSIT_G204	Organizational Structure and Personnel Management	Human Values & Professional Ethics	This course helps the students to understand the functions performed by managers in the organization using management principles and ethics.
3	B.Sc. IT	BSIT-A203	Environmental Science	Environment & Sustainability	This course helps the students to understand the significance of environment by building critical understanding of the current environmental challenges, and demonstrate critical thinking to plan innovative strategies for environmental conservation and sustainable development
4	MCA	MCA-C205	Research Methodology and IPR	Human Values & Professional Ethics	This course helps the students to understand role of ethics in research and development. It also focuses on nature of IPR in national and international scenario.



5	MCA	MCA-G306	Organizational System and Management	Environment & Sustainability	This course helps the students to understand the functions performed by managers in the organization using management principles and ethics.
6	BHM	BHM-105 T	Environmental Science	Environment & Sustainability	This course focuses on exploring the significance of environment and building critical understanding of the current environmental issues, and their impacts on human and ecosystem health.
7	BHM	BHM-505	Disaster Management	Environment & Sustainability	This course focuses on importance of disaster management in context to hospitality sector. The curriculum will familiarize the learners with the core principles that need to be understood the different forms of disaster and means to mitigate them.
8	MBA	MBA-303-H5	Counselling Skills and Performance Management	Human Values & Professional Ethics	The course provides an in-depth analysis of approaches to counseling, understanding its importance in today's Business world, understanding various theories, developing performance management, and importance of feedback in professional setting.
9	BBA	BBA-304(G1)	Ethics and Governance	Human Values & Professional Ethics	This course explores the importance of business ethics and corporate social responsibility, which helps in making students appreciate the importance of decisions taken with morality and ethics in mind.
10	BBA	BBA-104(G2)	Indian Culture, Diversity and Society	Human Values & Professional Ethics/Gender	This course helps the students to understand the relationship between Indian culture and civilization, the diversity among cultures, and their roles and impacts on the society.
11	BBA	BBA-204(G2)	Constitution of India and Human Rights	Human Values & Professional Ethics	This course focuses on understanding the constitution of India and comprehends the rights & duties of the citizens of India.



12	BBA	BBA-205	Environmental Studies	Environment & Sustainability	This course aims to enable the students to understand the significance of environment by elaborating their knowledge of the current environmental issues, and demonstrate critical thinking to plan innovative strategies for environmental conservation and sustainable development
13	B. Com. (Hons.)	BCH-305(G1)	Ethics and Governance	Human Values & Professional Ethics	This course demonstrates the significance of business ethics and corporate social responsibility, hence making students appreciate the importance of decisions taken with morality and ethics.
14	M.Sc. (Chemistry)	MCH-401(IC-3)	Total Quality Management	Environment & Sustainability	Promote the use of Green Chemicals to reduce the environmental toxicity.
15	B.Sc.(Hons.) Chemistry	TBHC-603	Green Chemistry	Environment & Sustainability	Course include study of six sigma, 5sGMP GLP required in industry for sustainable development. Various ISO Systems Including Quality management, Environmental management systems are addressed which are required for Environmental protection
16	B.Sc. (Hons.) Mathematics	TBHM-204	Environmental Science	Environment & Sustainability	The emphasis of this course is on Fundamental concepts related to Environmental Studies, natural resources, their importance, environmental pollution and to create awareness about environmental acts related to wildlife, forest etc.
17	B.Sc. (Hons.) Biotechnology	TBBT-104	Environmental Science	Environment Sustainability	The emphasis of this course is on Fundamental concepts related to Environmental Studies, natural resources, their importance, environmental pollution and to create awareness about environmental acts related to wildlife, forest etc.
18	B.Sc. (Hons.) Microbiology	TBMC-206	Environmental Science	Environment Sustainability	The emphasis of this course is on Fundamental concepts related to Environmental Studies, natural resources, their importance, environmental pollution and to create awareness about environmental acts related to wildlife, forest etc.



19	B.Sc. (Hons.) Chemistry	TBHC-204	Environmental Science	Environment & Sustainability	The emphasis of this course is on Fundamental concepts related to Environmental Studies, natural resources, their importance, environmental pollution and to create awareness about environmental acts related to wildlife, forest etc.
20	B.Sc. (Hons.) Foodtechnology	TBFT-104	Environmental Science	Environment & Sustainability	The emphasis of this course is on Fundamental concepts related to Environmental Studies, natural resources, their importance, environmental pollution and to create awareness about environmental acts related to wildlife, forest etc.
21	B.Sc. (Hons.) Physics	TBHP-204	Environmental Science	Environment & Sustainability	The emphasis of this course is on Fundamental concepts related to Environmental Studies, natural resources, their importance, environmental pollution and to create awareness about environmental acts related to wildlife, forest etc.
22	B.Sc. (Hons.) Physics	TBHP-205	Human ethics and Professional Values	Human Values/Professional Ethics	The emphasis of this course is on the significance of Values and Ethical Behavior in the personal and Professional lives, family values, ethical issues that arises in the work environment and also to understand the importance of a Holistic perspective in human life and to develop ability to develop scope and characteristics of eco-friendly techniques etc.
23	B.Sc. (Hons.) Physics	TBHP-305	Energy Studies	Environment & Sustainability	The emphasis of this course is on the concept of conversion thermal energy to mechanical energy, and role of turbines and the impact of energy sources in environment pollution.
24	B.Sc. (Hons.) Physics	TBHP-405	Renewable Energy and Energy Harvesting	Environment & Sustainability	The course contents of this course covers different type energy resources, solar energy and the importance of wind, ocean, geothermal and hydro energy.



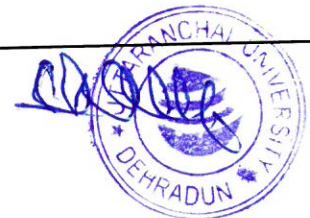
25	M.Sc. (Physics)	TMPH-304B	Renewable Energy Sources	Environment & Sustainability	The course contents of this course highlights various forms of conventional energy resources, energy generation and the storage systems, explain the concept of solar energy and its applications and various aspects of wind energy and hydropower etc.
26	BSc.(H) Biotechnology	TBBT-304	Bioethics and Bio safety	Human Values & Professional Ethics	This course deals with ethical issues associated with genetically modified organisms along with national and international guidelines and paradigms of bioethics with an emphasis on health hazards of biotechnological product and associated Bio safety measures.
27	BSc.(H) Biotechnology	TBBT-504	Environmental Biotechnology	Environment and Sustainability	The objective of this course is to identify potential of biotechnology based techniques and practices in treatment of polluted environment, developing eco friendly methods for energy production and bio mining.
28	BSc.(H) Biotechnology	TBBT-404	Entrepreneurship Development	Human Values & Professional Ethics	The sole objective of the course to impart professional skills required for entrepreneurship development though understanding of project formulation, finance, marketing and other factors and features of successful entrepreneurship.
29	MSc. (Biotechnology)	TMBT-401	Environmental Biotechnology & Bioprocess Engineering	Environment & Sustainability	The objective of this course is to identify potential of biotechnology based techniques and practices in treatment of polluted environment, developing eco friendly methods for energy production and bio mining.
30	MSc. (Biotechnology)	TMBT-304	Bio - Entrepreneurship and Bio-business management	Human Values & Professional Ethics	Helps to impart professional ethics and management skills along with inculcating decision making ability to develop successful entrepreneurship.
31	B.Sc. (Hons.) Food Technology	(TBFT-104)	Environmental Science	Environment & Sustainability	This subject covers knowledge about natural resources and assess aesthetic and ethical importance of all the living flora and fauna.



32	B.Sc. (Hons.) Food Technolog y	(TBFT-503)	Food Plant and Sanitation	Environment and Sustainability	This subject help in acquiring basic knowledge of solid and liquid waste management and treatments.
33	M.Sc. (Food Technolog y)	(TMFT-305)	Waste Recycling and Resources Recovery System	Environment and Sustainability	This subject deals with the different technologies or techniques of converting waste material into useable ones.
34	M.Sc. (Food Nutrition & Dietetics)	(TMFND- 405)	Food Entrepreneurship and Intellectual Property Right	Human Values & Professional Ethics	This subjects helps in dealing with quality management tools, quality management certifications and regulations for food industry.
35	BSc (H)Microbi ology	(TBMC-404)	Entrepreneurship Development	Human Values & Professional Ethics	The sole objective of the course to impart professional skills required for entrepreneurship development though understanding of project formulation, finance, marketing and other factors and features of successful entrepreneurship.
36	BSc (H)Microbi ology	(TBMC- 604II)	Microbes in sustainable agriculture and development	Environment & Sustainability	course offered to students of M.Sc Biotechnology helps in identifying and analysing inherent potential on microorganisms in developing sustainable environment through various microbial activities.
37	BSc (H)Microbi ology	(TBMC-501)	Environmental Microbiology	Environment & Sustainability	course provides the sound knowledge pertaining to practical applicability of microbes in developing sustainable environment through biogeochemical cycles, waste management, bioremediation and potable water testing.



38	B. Sc. (Hons.) Mathematics	TBHM-205	Human Ethics and Professional Values	Human Values & Professional Ethics	The emphasis of this course is on the significance of Values and Ethical Behavior in the personal and Professional lives, family values, ethical issues that arises in the work environment and also to understand the importance of a Holistic perspective in human life and to develop ability to develop scope and characteristics of eco-friendly techniques etc.
39	B. Sc. (Hons.) Chemistry	TBHC-205	Human Ethics and Professional Values	Human Values & Professional Ethics	The emphasis of this course is on the significance of Values and Ethical Behavior in the personal and Professional lives, family values, ethical issues that arises in the work environment and also to understand the importance of a Holistic perspective in human life and to develop ability to develop scope and characteristics of eco-friendly techniques etc.
40	Pre-Ph.D. Course Work	RPE-104	Research and Publication Ethics	Human Values & Professional Ethics	This course focuses to provide knowledge about ethics and code of research publication with concept of plagiarism.
41	Pre-Ph.D. Course Work	RM-101	Research Methodology and Computer Application	Human Values & Professional Ethics	This course focuses to provide knowledge about type of research, preparation of reports and thesis, designing of research using scientific methods like statistical methods and computer skills.
42	B.Sc. (Hons.)Agr iculture	APH-211	Environmental Studies and Disaster Management	Environment & Sustainability	Aware students about various components of environment and their ,about different types of disasters,their causes,preventions and safety measure.
43	B.Sc. (Hons.)Agr iculture	AGA-323	Principles of Organic Farming	Environment & Sustainability	Acquaint students with organic method and practices of farming for the protectionof environment and a step towards sustainability
44	B.Sc. (Hons.)Agr iculture	ARC-111	Agriculture Heritage	Human Values & Professional Ethics	Understand about significance Plant production and protection through indigenous traditional knowledge



45	B.Sc. (Hons.)Agr iculture	AET- 221	Renewable Energy and Green Technology	Human Values/ Environment Sustainability	Classification of Energy sources, links contribution of these of sources in agricultural sector and in sustainable development
46	B.Sc. (Hons.)Agr iculture	AET-121	Soil and Water Conservation Engineering	Environment & Sustainability	Causes of soil erosion. Definition and agents of soil erosion, water erosion: Forms of water erosion, Water harvesting and its techniques. Wind erosion: mechanics of wind erosion
47	B.Sc. (Hons.)Agr iculture	AGF-111	Introduction to Forestry	Environment & Sustainability	Understand importance of forest regeneration for environment
48	B.Sc. (Hons.)Agr iculture	ANC-111	Human Values & Ethics	Human Values & Professional Ethics	To inculcate values and ethics ,decision making capability in an individual
49	B.Sc. (Hons.)Agr iculture	AEE-311	Entrepreneurship Development and Business Communication	Human Values & Professional Ethics	Characteristics of entrepreneurs; Assessment of entrepreneurship skills,Entrepreneurial behaviour to enhance professionalism
50	B.Sc. (Hons.)Agr iculture	AIT-311	Intellectual Property Rights	Human Values & Professional Ethics	Helps to understand the professional ethics such as patentability, copy rights to prevent biopiracy
51	B.Sc. (Hons.)Agr iculture	AEE-111	Rural Sociology & Educational Psychology	Gender	Rural society, Social Groups, Social Stratification, Culture concept, Social Institution, Social Change & Development
52	B.Sc. (Hons.)Agr iculture	AEE-313	Drones Technology in Agriculture	Environment & Sustainability	Health monitoring of crops, weed identification in the mid of the fields, crop fertility
53	B.Sc. (Hons.)Agr iculture	AEE-314	Smart Agriculture	Environment & Sustainability	Health monitoring, analyzing and evaluating the available natural and artificial resources for optimum output from the field.



54	M.Sc. Ag. (Plant Pathology) /M.Sc. Ag. (Agronomy)	NCIT-501	Intellectual Property Rights and their management in Agriculture	Human Values & Professional Ethics	Enable to evaluate ethical and professional issues that arise in the intellectual property law
55	M.Sc. Ag. (Plant Pathology) /M.Sc. Ag. (Agronomy)	NCPH-501	Disaster Management	Environment & Sustainability	Educates about the natural and manmade disasters/hazards and their causes and develop awareness for standard methods of mitigation process of disaster. It also deals with role of individual, social and officials in disaster management.
56	M.Sc. Ag. (Plant Pathology) /M.Sc. Ag. (Agronomy)	NCHB-501	Library and Information Services	Human Values & Professional Ethics	Develop ability to compose abstracts, citation, bibliography, review of literatures, scientific manuscript, etc.
57	M.Sc. Ag. (Plant Pathology)	MSAGP-503	Principles of Plant Pathology	Environment & Sustainability	Impart Knowledge on role of environment and host nutrition on disease development.
58	M.Sc. Ag. (Plant Pathology)	MSAGP-513	Mushroom Production Technology	Environment & Sustainability	Develop understanding about facilities required for setting up mushroom farm for seasonal and environmentally control cultivation.



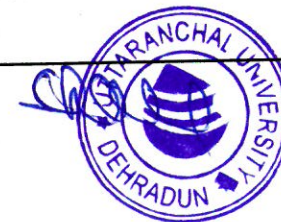
59	M.Sc. Ag. (Plant Pathology)	MSAGP-511	Seed Health Technology	Human Values/ Environment & Sustainability	Develop understanding about health vis-a-vis environmental hazards, residual effects and safety measures of chemicals. Students also become aware about reasons for keeping chemical away from children and women.
60	M.Sc. Ag. (Plant Pathology) /M.Sc. Ag. (Agronomy)	NCRM-501	Agricultural Research, Research Ethics and Rural Development Programmes	Human Values & Professional Ethics	Impart the knowledge about basics of Agricultural Research, Research Ethics and Rural Development Programme in India
61	M.Sc. Ag. (Plant Pathology)	MSAGP-522	Disease of Crop Plants	Human Values & Professional Ethics	Develop ability to analyze the mechanisms of disease development by pathogens.
62	M.Sc. Ag. (Plant Pathology)	MSAGE-501	Pest Management in Organic Farming	Professional Ethics/ Environment & Sustainability	To develop ability to apply the ecological engineering methods in conservation, augmentation of natural enemies/Biorational pest management options for organic pest management
63	M.Sc. Ag. (Plant Pathology)	MSAGE-502	Productive Insects and Weed Killers	Human Values & Professional Ethics	Develop understanding of rearing method of mulberry and non mulberry silkworm and uses minor productive insects.
64	M.Sc. Ag. (Plant Pathology)	MSAGE-503	Biological Insect Pest Suppression	Environment & Sustainability	Use of different natural enemies to control pests as ecofriendly pest management system.
65	M.Sc. Ag. (Agronomy)	MSAGA -511	Agro-Meteorology and Crop Weather Forecasting	Environment & Sustainability	Educates about the common challenges in agriculture along with causes of climate change, climatic variability, global warming, causes of climate change and its impact on regional and national Agriculture
66	M.Sc. Ag. (Agronomy)	MSAGA -529	Farm Journalism	Human Values & Professional Ethics	Develop ability to publish article about drought, food and other meteorological facts and essential duties.



67	M.Sc. Ag. (Agronomy)	MSAGA -530	Agricultural Insurance and Risk Management	Professional Ethics/ Environment & Sustainability/ Human Value	Develop skill on progressive farming practices, high value input and higher technology in Agriculture
68	M.Sc. Ag. (Agronomy)	MSAGSS-502	Soil, Water and Air Pollution	Human Values/ Environment & Sustainability	Develop the understanding of sources and causes of air, water and soil pollutants and emission of green house gases. Also develop skills to minimize the toxic effect of chemical pollutant on plants and human health.
69	B. Pharm.	VAC002	Human Values and Professional Ethics	Human Values & Professional Ethics	To create awareness, conviction & commitment to values for improving the quality of life through education, and for advancing social and human well being.
70	B. Pharm.	VAC006	Gender Sensitization	Gender	To sensitize the youth and develop the responsibility towards gender justice.
71	B. Pharm.	VAC009	Professional career skill	Human Values & Professional Ethics	Acquire career skills and fully pursue to partake in a successful career path Prepare good resume, prepare for interviews and group discussions Explore desired career opportunities in the employment market in consideration of individual SWOT.
72	B. Pharm.	BP206T	Environmental sciences - Theory	Environment & Sustainability	Create the awareness about environmental problems among learners. Impart basic knowledge about the environment and its allied problems. Develop an attitude of concern for the environment. Motivate learner to participate in environment protection and environment improvement. Acquire skills to help the concerned individuals in identifying and solving environmental problems. Strive to attain harmony with Nature.



73	B. Pharm.	BP505T	Pharmaceutical Jurisprudence – Theory	Human Values & Professional Ethics	The Pharmaceutical legislations and their implications in the development and marketing of pharmaceuticals. Various Indian pharmaceutical Acts and Laws The regulatory authorities and agencies governing the manufacture and sale of Pharmaceuticals The code of ethics during the pharmaceutical practice
74	B.Tech-Mechanical Engg./B.Tech-Civil Engg./B.Tech-Computer Science & Engg.	TES 101/201	Environmental Studies	Environment and Sustainability	This course aims to enable the students to understand the significance of environment by elaborating their knowledge of the current environmental issues, and demonstrate critical thinking to plan innovative strategies for environmental conservation and sustainable development
75	B.Tech-Mechanical Engg.	THU 101	Basic Technical Communication Skills	Human Values and Professional Ethics	The objective of this course is to enable the engineers to acquire proficiency, both in spoken (oral) and written language.
76	B.Tech-Mechanical Engg.	PHU 101	Basic Technical Communication Skills Lab	Human Values and Professional Ethics	The objective of this course is to enable the engineers to acquire proficiency, both in spoken (oral) and written language.
77	B.Tech-Mechanical Engg.	PES 101/201	Environmental Studies Lab	Environment & Sustainability	Expose student to learn to determine parameters related to environment.
78	B.Tech-Mechanical Engg.	THU 201	Advanced Technical Communication Skills	Human Values and Professional Ethics	Student will be able develop comprehension skills, acquire communication skills, acquire writing skills, practice technical writing, correspond with others and imbibe soft skills.
79	B.Tech-Mechanical Engg.	PHU 201	Advanced Technical Communication Skills Lab	Human Values and Professional Ethics	Student will be able develop comprehension skills, acquire communication skills, acquire writing skills, practice technical writing, correspond with others and imbibe soft skills.



80	B.Tech-Mechanical Engg./B.Tech-Civil Engg.	THU-301	Engineering Economics	Human Values and Professional Ethics	The course focuses on Basic economic problems related to finances and thus help optimize the project evaluation cost for future benefits.
81	B.Tech-Mechanical Engg.	TME 304	Engineering Thermodynamics	Environment & Sustainability	Students will be able to understand basic thermodynamic laws, Entropy, Enthalpy and properties of substances.
82	B.Tech-Mechanical Engg.	TME 305	Thermodynamics and its Applications	Environment & Sustainability	Students will be able to understand basic thermodynamic laws, Entropy, Enthalpy, properties of substances and different applications.
83	B.Tech-Mechanical Engg.	TME 401	Applied Thermodynamics	Environment & Sustainability	Students will be able to understand different types of boilers and condensers used in industries and their efficiency enhancement devices.
84	B.Tech-Mechanical Engg.	PME 451	Applied Thermodynamics Lab	Environment & Sustainability	Expose student to learn principles and working of petrol engine and diesel engines.
85	B.Tech-Mechanical Engg.	TME 601	Refrigeration & Air Conditioning	Environment & Sustainability	In this course students study about the Air Conditioning and Refrigeration Equipment.
86	B.Tech-Mechanical Engg.	TME 604	Internal Combustion Engine	Environment & Sustainability	Students will be able to understand the working and principal of internal combustion engines.
87	B.Tech-Mechanical Engg.	THU 601	Principles of Management	Human Values and Professional Ethics	Enable the students to resolve the conflicts within an organization by understanding the process of coordination.
88	B.Tech-Mechanical Engg.	PME 652	Refrigeration & Air Conditioning Lab	Environment & Sustainability	Students will be able to analyse psychrometric properties of Air at different stages of Air conditioning system.
89	B.Tech-Mechanical Engg.	TOME-701	Renewable Energy	Environment & Sustainability	Course focus on main features of simple photovoltaic systems & evaluate the financial costs and benefits of a renewable energy project.



90	B.Tech-Mechanical Engg.	TME 801	Automobile Engineering	Environment & Sustainability	Expose student about Emissions, ignition, controls, electrical systems and ventilation related automobile engines.
91	B.Tech-Mechanical Engg.	TME 802	Power Plant Engineering	Environment & Sustainability	In this course students study about the different types of power plant and its impact on pollution.
92	B.Tech-Mechanical Engg.	TME 081	Solar Technology	Environment & Sustainability	Students will explore the positive and negative aspects of solar energy in relation to natural and human aspects of the environment.
93	M.Tech TE	MTTE-004	Renewable Energy Systems	Environment & Sustainability	Students will explore the different issues facing the renewable energy industry
94	B.A.LL.B(Hons) / BB.A.LL.B(Hons) / LL.B(Hons)	L-106	ENVIRONMENTAL LAW	Environment and Sustainability	Focuses on the importance of sustainability , the principles governing the environmental regulations and the various laws that conserve, protect and prosecute environmental crimes.
95	B.A.LL.B(Hons) / BB.A.LL.B(Hons)	C-007	ENVIRONMENTAL SCIENCE	Environment and Sustainability	Focuses on the study of global environment regarding protection, conservation and awareness, effective use of naturally available resources, concerns of pollution, global phenomena and ecosystem management and services for increased efficiency.
96	B.A.LL.B(Hons) / BB.A.LL.B(Hons) / LL.B(Hons)	L-143	CYBER LAW	Gender and Human Values	Aims at providing the knowledge of cyber technology, use and misuse of technology, modern generation of crimes with respect to person and property and jurisdictional issues in the cyber world.



97	B.A.LL.B(Hons) / BB.A.LL.B(Hons) / LL.B(Hons)	L-112	PENOLOGY & VICTIMOLOGY	Human Values and Professional Ethics	Relevance to contemporary era by the reason of providing protection to the society from exploitation and harassment dealing with protective measures for victim and punishment to perpetrators of crime.
98	B.A.LL.B(Hons) / BB.A.LL.B(Hons) / LL.B(Hons)	L-117	LAW OF CRIMES I (INDIAN PENAL CODE)	Human Values and Professional Ethics	Focuses on promotion of human values, rights of victims, upholding the dignity of the individual, ensuring the duty of individual towards the state including punishment for crimes against women, children, environmental negligence and others.
99	B.A.LL.B(Hons) / BB.A.LL.B(Hons) / LL.B(Hons)	L-145	HUMAN RIGHTS LAW	Human Values and Professional Ethics	Focuses on the concept of Human Rights, various laws, treaties and regulations at the regional, national and international level for the realization of Human Rights.
100	B.A.LL.B(Hons) / BB.A.LL.B(Hons) / LL.B(Hons)	L-127	PROFESSIONAL ETHICS & PROFESSIONAL ACCOUNTING SYSTEM	Human Values and Professional Ethics	Focuses on the methods to instruct and train prospective lawyers the court procedures which including presentation of cases before the court enabling them to have an understanding of their duties towards client, court, opponents and colleagues hence the importance of Bench-Bar Relations and Contempt of Court.
101	B.A.LL.B(Hons) / BB.A.LL.B(Hons) / LL.B(Hons)	L-108	RIGHT TO INFORMATION	Human Values and Professional Ethics	Focuses on bringing about transparency and accountability of Public Authorities in Government Departments resulting in Good Governance by providing the information within the specified time-period.



102	B.A.LL.B(Hons) / BB.A.LL.B(Hons) / LL.B(Hons)	L-144	WHITE COLLAR CRIME	Human Values and Professional Ethics	Deals with the regulatory framework and contemporary laws pertaining to the White Collar Crimes and the role of the enforcement agencies with emphasis on Prevention of Corruption Act, 1988 with a focus to inculcate ethical values and understand in core one of the biggest challenges faced.
103	B.A.LL.B(Hons) / BB.A.LL.B(Hons) / LL.B(Hons)	L-135	LAW RELATING TO CHILDREN AND JUVENILES	Gender and Human Values	Focuses on the legal framework of Legislation and regulations to protect child and juvenile including national and international conventions for child.
104	B.A.LL.B(Hons) / BB.A.LL.B(Hons) / LL.B(Hons)	L-132	MEDIA AND LAW	Professional Ethics	The relevance of the legal framework of regulation and constitutional provisions that reflect on the dissemination of information in the contemporary era of media convergence is the core of the course. The Doctrines governing the laws of the media and the global regulatory framework inclusive of the information technology laws and internet laws are the focus of the course.
105	M.Tech CTM	MCTM121	Disaster Mitigation and Management	Environment and Sustainability	Educates about the natural and manmade disasters/hazards and their causes and develop awareness for standard methods of mitigation process of disaster. It also deals with role of individual, social and officials in disaster management.
106	M.Tech- Environmental Engg.	MCEE 102	Waste water Treatment	Environment and Sustainability	This course deals with the chemical impurities present in water and provides methods for the treatment of impure water containing Physical, Chemical and Biological impurities.
107	M.Tech- Environmental Engg.	MCEE 103	Solid and Hazardous waste management	Environment and Sustainability	This course deals with the characteristics of solid waste as well as hazardous biomedical and industrial waste and its scientific collection, segregation, transport as well as safe disposal for minimizing landfill hazards.



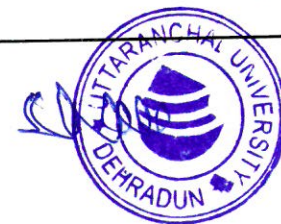
108	M.Tech- Environmental Engg.	MCEE 104	Environmental Impact Assessment	Environment and Sustainability	This course deals with mathematical as well as analytical modelling for assessment of various environmental factors for optimizing the use of resources for sustainability.
109	M.Tech- Environmental Engg.	MCEE 121	Water Supply Systems	Environment and Sustainability	This course deals with basic water requirements of an area, various demands of water, sources and quality of water. The various physical, chemical and biological properties of water are assessed and design of various treatment plant units have been provided.
110	M.Tech- Environmental Engg.	MCEE 122	Industrial Waste Water Treatment	Environment and Sustainability	This course deals with the industrial waste water management and treatment for safe disposal for industrial waste.
111	M.Tech- Environmental Engg.	MCEE 201	Advanced water and waste water treatment	Environment and Sustainability	This course deals with various advanced chemical and biological methods adopted for the treatment of water before supplying it to public use. The design of treatment units for these methods have been discussed.
112	M.Tech- Environmental Engg.	MCEE 202	Air Quality management	Environment and Sustainability	This method deals with the various scientific methods adopted for reducing and managing the air pollution for better air quality.
113	M.Tech- Environmental Engg.	MCEE 126	Remote sensing and GIS Application in Environmental Engineering	Environment and Sustainability	This course deals with using GIS and Remote sensing methods for better management of environmental resources, data management and modelling of environmental factors for achieving sustainability.
114	M.Tech- Environmental Engg.	MCEE 123	Environmental Management systems	Environment and Sustainability	This course deals with various methods of Environment management systems and defining guidelines and standards for sustainable use of Environmental resources .
115	M.Tech- Environmental Engg.	MCEE 124	Environmental legislation and Policy	Human values and Professional Ethics	This course deals with assessing laws and guidelines for protection and regulated use of various environmental resources.



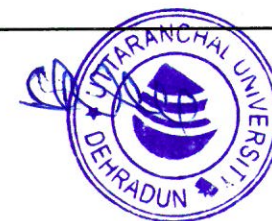
116	M.Tech- Environmental Engg.	MCEE 125	River Engineering	Environment and Sustainability	This course addresses the various types of naturally occurring water flows and energy and momentum principles associated with these flows.
117	M.Tech- Environmental Engg.	MCEE 127	Environmental Pollution	Environment and Sustainability	This course deals with the the chemistry of Air and water quality and its pollution leading to Acid rain, global warming etc are dealt with. Various chemical reactions occurring in atmosphere that lead to various natural occurrences are discussed.
118	M.Tech- Environmental Engg.	MCEE 128	Environmental Biotechnology	Environment and Sustainability	This course deals with principles and concepts of biotechnical methods adopted for managing environmental pollution.
119	M.Tech- Environmental Engg.	MCEE129	Environmental Health and safety in industry	Environment and Sustainability	This course is related to health and safety issues which are evolved in industry.
120	B.Tech- Civil Engg.	TES 101/201	Environmental Studies	Environment and Sustainability	This course aims to enable the students to understand the significance of environment by elaborating their knowledge of the current environmental issues, and demonstrate critical thinking to plan innovative strategies for environmental conservation and sustainable development
121	B.Tech- Civil Engg.	THU-301	Engineering Economics	Human values and Professional Ethics	The course focuses on Basic economic problems related to finances and thus help optimize the project evaluation cost for future benefits.
122	B.Tech- Civil Engg.	TCE 504	Environmental Engineering I	Environment and Sustainability	This course deals with basic water requirements of an area, various demands of water, sources and quality of water. The various physical, chemical and biological properties of water are assessed and various sources of noise and air pollution are determined.
123	B.Tech- Civil Engg.	TCE-604	Environmental Engineering II	Environment and Sustainability	This course deals with various methods adopted for the treatment of water before supplying it to public use. The disposal of sewage and solid waste to proper area is assessed for sustainable use of land resources.



124	B.Tech-Civil Engg.	TCE 612	Ecology, Ecosystems and sustainable developments	Environment and Sustainability	This Course deals with Principles and Concepts of flow of energy in Ecosystems for the protection of natural resources and sustainable development.
125	B.Tech-Civil Engg.	TCE 613	Environment Chemistry and Microbiology of water	Environment and Sustainability	This course deals with the chemical impurities present in water and provides methods for the treatment of impure water containing Physical, Chemical and Biological impurities.
126	B.Tech-Civil Engg.	TCE 712	Industrial Air and Solid Waste Chemistry for Engineers	Environment and Sustainability	This course deals with chemistry involved with various industrial waste water effluents that are discharged in the natural and man made resources like land, river etc. Various regulations imposed and needs to be imposed are discussed
127	B.Tech-Civil Engg.	TCE713	Environmental Quality Systems and Management	Environment and Sustainability	This course deals with various methods of Environment management systems for sustainable use of Environmental resources.
128	B.Tech-Civil Engg.	TCE 812	Noise Pollution and its Control	Environment and Sustainability	This course deals with sources and characteristics of noise pollution and various hazard caused by noise pollution and provides the methods and sustainable solutions to control it.
129	B.Tech-Civil Engg.	TCE 813	Environment Health and Rural sanitation Engineering	Environment and Sustainability	This course deals with Rural Sanitation problems and ways to deal with them, various methods to control mosquitoes and insect breeding using low cost sustainable methods have been discussed.
130	B.Tech-Civil Engg.	TOCE 702	Industrial Waste Water Treatment	Environment and Sustainability	This course deals with the type, characteristic and effects of disposal of industrial waste in natural streams and rivers. Methods to minimize the effect of industrial waste on streams and rivers have been discussed.
131	B.Tech-Civil Engg.	TOCE 801	Solid Waste Management	Environment and Sustainability	This course deals with the characteristics of solid waste and its scientific collection, segregation, Transport as well as disposal for minimizing landfill hazards.



132	BA (H) ENGLISH/ BA (H) PSYCHOL OGY/BA	TBAE 101	Environmental Studies	Environment and Sustainability	EVS creates awareness in the students on the different important terms and concepts of environmental science. It update the knowledge of the students on the current environmental concerns. Also inculcate the etiquettes in students and through them in the society for environmental responsiveness
133	BA (H) ENGLISH/ BA (H) PSYCHOL OGY	TBHG 301	Gender & Society	Gender	This course aims to introduce students to a basic understanding of gender by interrogating the categories of gender, sex and sexuality. The complexity of gender relations in contemporary societies are further explored by looking in the areas of work and family.
134	BA (H) ENGLISH/ BA (H) PSYCHOL OGY	TBHSE 401	Human Values and Professional Ethics	Human Values and Professional Ethics	It aims to give basic insights and inputs to the student to inculcate Human values to grow as a responsible human beings with proper personality.
135	BA	TDS 602	Gender and Sexuality	Gender	This course aims to introduce students to a basic understanding of gender by interrogating the categories of gender, sex and sexuality. The complexity of gender relations in contemporary societies are further explored by looking in the areas of work and family.
136	BA (H) ENGLISH/ BA (H) PSYCHOL OGY	TBHG 101	Understanding Globlization	Environment and Sustainability	EVS creates awareness in the students on the different important terms and concepts of environmental science. It update the knowledge of the students on the current environmental concerns. Also inculcate the etiquettes in students and through them in the society for environmental responsiveness
137	BA-JMC	BAJMC 203	Environmental Studies	Environment and Sustainability	EVS creates awareness in the students on the different important terms and concepts of environmental science. It update the knowledge of the students on the current environmental concerns. Also inculcate the etiquettes in students and through them in the society for environmental responsiveness
138	BA-JMC	BAJMC 204	Photography	Human Values & Professional Ethics	The main focuses of this course is on ethical and Legal Considerations in the field of photgraphy and photojournalism.



139	BA-JMC	BAJMC 253	Life Skill Management	Human Values & Professional Ethics	The course completely focuses on human values which includes topics like Time management, Yoga Meditation, relationship management, self representation.
140	BA-JMC	BAJMC 303	Media law, Ethics & Policy	Human Values & Professional Ethics	The course demonstrates an understanding of the nature of ethics and moral discourse in the media. This course discusses the principles of media law as they apply to the work of media and communications professionals in a variety of fields.
141	BA-JMC	BAJMC 303	Introduction to Advertising	Human Values & Professional Ethics	This course focuses on Work ethics in the field of Advertising. It help the students understand the basics of advertising and explain them the tools and techniques used in ad industry
142	BA-JMC	BAJMC 401	Public Relations	Human Values & Professional Ethics	This course focuses on Work ethics in the field of Public Relations. it help the students understand the basics of public relations and explain them the tools and techniques used in public relations.
143	BA-JMC	BAJMC 504	Media Gender & Human Rights	Gender	The course explores the impact of feminism in political scenarios. It demonstrates the relationship between media and society. This course develops an understanding on barriers of gender equity and human rights issues.
144	MA-JMC	MAJMC:203	Media Law & Ethics	Human Values & Professional Ethics	The course demonstrates an understanding of the nature of ethics and moral discourse in the media. This course discusses the principles of media law as they apply to the work of media and communications professionals in a variety of fields.
145	MA-JMC	MAJMC: 205	Photo Journalism	Human Values & Professional Ethics	The main focuses of this course is on ethical and Legal Considerations in the field of photography and photojournalism.
146	MA-JMC	MAJMC:202	Advertising & Public Relations	Human Values & Professional Ethics	This course focuses on Work ethics in the field of Advertising and PR. It help the students understand the basics of advertising and PR and explain them the tools and techniques used in industry.

