

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

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**1.3.1 Courses that have relevance to Gender, Human Values, Professional Ethics,  
Environment and Sustainability**



### 1.3.1 Courses that have relevance to Gender, Human Values, Professional Ethics, Environment and Sustainability

Sr. No.	Program Name	Program Code	Name of the Course	Course code	Focus				Description
					Gender	Human Values	Professional Ethics	Environment and Sustainability	
1	B.Tech Computer Engineering	01CE	Value Education	01CR0103	—	✓	✓	—	1. Understand importance of role of Values in developing self. Inculcate right values, ethics, attitudes, manners and behaviours for life; 2. Respond and relate with expectations, competitions and power of networking
2	B.Tech Computer Engineering	01CE	Physical Education / Sports / Yoga	01PE0101	✓	✓	—	—	1. Students will be able to understand the basic principles and practices of physical education, sports and yoga. Students will be able to instruct the physical activities, sports and yoga practices for healthy living, 2. To develop professionalism among students to conduct, organize and officiate physical education, 3. Sports and Yoga events at Universities and National Level. Students are being given professional level training in all games where in they represent the University at national Level.

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3	B.Tech Computer Engineering	01CE	Basics of Environmental Studies	01EN0101	—	—	—	✓	<ol style="list-style-type: none"> <li>1. Understand and realize the multidisciplinary nature of Environment &amp; its components;</li> <li>2. Know the importance of natural resources for the sustainable development of life;</li> <li>3. Understand the effect of growing population on the Environment;</li> <li>4. Classify the different types of pollution and measure to control pollution;</li> <li>5. Learn about the Environmental issues faced globally and various steps taken globally to solve such Environmental issues.</li> </ol>
4	B.Tech Computer Engineering	01CE	Professional Ethics	01CR0302	—	✓	✓	—	<ol style="list-style-type: none"> <li>1. Understand the basics of human values. Inculcate human values to grow as responsible human beings with proper personality;</li> <li>2. Maintain ethical conduct and discharge their professional duties;</li> <li>3. Resolve ethical confusions and contradictions and bring harmony at thought, behaviour and action level</li> </ol>
5	M.Tech Computer Engineering	01CY	Ethical Hacking	01CY0104	—	—	—	✓	<ol style="list-style-type: none"> <li>1. This course will teach students the ethics regarding information and sensitive data;</li> <li>2. This subject will impart the effect of safety of user's data.</li> </ol>
6	M.Tech Computer Engineering	01CY	E Waste Management	01ES1111	—	✓	✓	✓	<ol style="list-style-type: none"> <li>1. This course will help students to learn about electronics waste which harms the environment;</li> <li>2. How we can prevent the hazardous effects from e- waste.</li> </ol>



7	B.Tech Civil Engineering	01CI	Career Readiness Program	01CR0101	—	—	✓	—	Enhance soft skills and verbal ability to perform best in professional attitude and behavior.
8	B.Tech Civil Engineering	01CI	Basics of Environmental Studies	01EN0101	—	✓	—	—	Students understand the basics of environmental science, the importance of population control, ecology, pollution control, and its effects on people and the environment.
9	B.Tech Civil Engineering	01CI	Entrepreneurship & Engineering Ethics	01VE400	—	—	✓	✓	Understand societal needs, responsibilities, professionalism, the importance of ethics, core values, and morality
10	B.Tech Civil Engineering	01CI	Value Education	01CR0103	—	—	✓	—	Students understand the right values, ethics, attitudes, manners and behaviours for life which enhance the softer aspects of life skills of students through activities and group interactions
11	B.Tech Civil Engineering	01CI	Professional Ethics	01CR0401	—	—	—	✓	Articulate human values and grow as responsible human beings in society. Also, develop ethical conduct and deliver their professional duties.
12	B.Tech Civil Engineering	01CI	Environmental Engineering	01CI0504	—	✓	—	—	1. Understand the various sources of water, check the quality of water; 2. Design for wastewater treatment plant.
13	B.Tech Civil Engineering	01CI	Environmental Pollution	01CI0507	—	✓	—	—	Understanding of different pollutions, its pollutants, harmful effects to the environment, sampling method, and precautionary measures.
14	B.Tech Civil Engineering	01CI	Energy Science and Engineering	01CI0608	—	✓	—	—	Explain main sources of energy, its application, energy conservation, impact of





									energy on the environment and sustainability.
15	B.Tech Civil Engineering	01CI	Environment Impact Assessment	01CI0708	—	✓	—	—	Understand the problems of environmental degradation by planning the development process in a sustainable manner
16	B.Tech Civil Engineering	01CI	Sustainable Building Technologies	01CI0808	—	✓	—	—	Explain the concept of energy-efficient and green building which will develop innovative strategies to positively influence human life and the environment.
17	M.Tech Civil Engineering	01ST	Value Education	01AU9002	—	—	✓	✓	Student will be able to learn social values like confidence, concentration, truthfulness, honesty, cleanliness, humanity etc which will be helpful to build a personal attitude and self-development of character.
18	B. Tech Electrical Engineering	01EE	Environmental Science	01EN1109	—	✓	—	—	<ol style="list-style-type: none"> <li>1. Identify the types of pollution in society along with their sources;</li> <li>2. Realize the global environmental issues;</li> <li>3. Conceptualize the principles of Green Buildings and Smart cities;</li> <li>4. Implement the concept of recycle and reuse in all fields of engineering</li> </ol>
19	B. Tech Electrical Engineering	01EE	Value Education	01CR1103	—	—	✓	—	This course is basically deals to inculcate the value in education, Honesty, integrity, value for student's life and also teach them human values.





20	B. Tech Electrical Engineering	01EE	National Cadet Corps-2	AU0002	—	—	✓	✓	<p>1. Understanding the values of honesty, truthfulness, self-sacrifice, perseverance and hard work;</p> <p>2. Understanding the value of a just and impartial exercise of authority;</p> <p>3. Respect for diversities in religion, language, culture, ethnicity, life style and habitat to instill a sense of National unity and social cohesion.</p>
21	B. Tech Electrical Engineering	01EE	Indian Constitution	01GS0103	—	—	✓	✓	<p>1. The values enshrined in the Indian Constitution are based on a strong ethical foundation;</p> <p>2. Moreover, these values of the Indian constitution endeavor and inspire to make the Indian society more ethical and promote the spirit of tolerance and respect towards unity in diversity of India</p>
22	B. Tech Electrical Engineering	01EE	National Cadet Corps-1	AU001	—	—	✓	✓	<p>1. Understanding the values of honesty, truthfulness, self-sacrifice, perseverance and hard work;</p> <p>2. Understanding the value of a just and impartial exercise of authority;</p> <p>3. Respect for diversities in religion, language, culture, ethnicity, life style and habitat to instill a sense of National unity and social cohesion.</p>

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23	B. Tech Electrical Engineering	01EE	Physical/Sports/ Yoga	01PY0101	—	—	—	✓	<p>1. Readiness to take responsibility and to be accountable for my actions and choices;</p> <p>2. Understanding of the main concepts related to diversity;</p> <p>3. The practice of yoga draws the attention of human beings in the present society, which reflects the very idea of how it can be acceptable to everybody</p>
24	B. Tech Electrical Engineering	01EE	Design Thinking and Problem Solving Skills	01EE0305	—	—	✓	—	<p>1. Prepare project-based learning models related to professional engineering solutions;</p> <p>2. Solve real life-based problems on basis of analytical and thinking ability of individuals;</p> <p>3. Involve themselves in societal and environmental contexts for improving community based social life of public</p>
25	B. Tech Electrical Engineering	01EE	Communication Skill For Engineers	01SL0401	—	—	✓	✓	<p>1. This course deals with the ethics followed in professional life and also deal with the values that can be inculcate in professional life;</p> <p>2. The course introduce the students to various formal/professional situations for which solution can be ethically right and supports the human values.</p>
26	B. Tech Electrical Engineering	01EE	Community Services	01EE0407	—	—	✓	✓	<p>1. Community service teaches you contentment and gratefulness. When you get to be around people who aren't as privileged as you are and yet are a lot happier than you possibly could be; you learn a lot from them;</p> <p>2. The primary purpose of community service</p>





									learning is to prepare students to become enlightened citizens who can participate in society with dignity, sensitivity and wisdom.
27	M. Tech Electrical Engineering	01EV	Fundamentals of Electric and Hybrid Vehicles	01EV1101	—	✓	—	—	<ol style="list-style-type: none"> <li>1. Compare energy costs and environmental impacts associated with hybrid, electric, and fossil fuel-based vehicles;</li> <li>2. Solving the problem of the lack of environmental sustainability in transport activities requires the involvement of new technologies, particularly in populated cities where mobility activities play a major role in generating externalities.</li> </ol>
28	M. Tech Electrical Engineering	01EV	Project Phase-1	01EV0104	—	—	✓	✓	<ol style="list-style-type: none"> <li>1. Project phase teaches students to work on the problems related to society that link with the human values;</li> <li>2. Professional ethics has to be follow while completing project work;</li> <li>3. They needs to work on the problem that help to reduce environment pollution and more towards the sustainable source of energy</li> </ol>





29	M. Tech Electrical Engineering	01EV	Battery Management Systems	01EV1201	—	✓	—	—	<ol style="list-style-type: none"> <li>1. Battery management system (BMS) manages and monitors the overall action of the battery pack;</li> <li>2. BMS has a vital role to play in sustainable transportation;</li> <li>3. The depleting fossil fuels and serious environmental concerns have opened the doors for development and promotion of Electric Vehicle (EV) at large;</li> <li>4. Sustainable transportation is possible using EVs and supports the clean air and reduced carbon emissions and footprint</li> </ol>
30	M. Tech Electrical Engineering	01EV	Research Methodology and IPR	01SL1210	—	—	✓	✓	<ol style="list-style-type: none"> <li>1. Understanding of philosophy and ethics, Writing skills of good research paper, Different data bases;</li> <li>2. Identify various categories of intellectual property law and apply the criteria for intellectual property protection to in academic and research activities;</li> </ol>
31	M. Tech Electrical Engineering	01EV	EV Standards & Testing	01EV0202	—	✓	—	—	<ol style="list-style-type: none"> <li>1. This subject aim to the standard used and testing perform on the different components of Electric vehicle while keeping environment in mind;</li> <li>2. The testing must meet the standard which must not pollute the environment.</li> </ol>





32	M. Tech Electrical Engineering	01EV	Project Phase-2	01EV1204	—	—	✓	✓	<p>1. Project phase teaches students to work on the problems related to society that link with the human values;</p> <p>2. Professional ethics has to be follow while completing project work;</p> <p>3. They need to work on the problem that help to reduce environment pollution and more towards the sustainable source of energy</p>
33	M. Tech Electrical Engineering	01EV	Environment Issues	01ES0305	—	✓	—	—	<p>1. Identify the types of pollution in society along with their sources;</p> <p>2. Realize the global environmental issues;</p> <p>3. Conceptualize the principles of Green Buildings and Smart cities;</p> <p>4. Implement the concept of recycle and reuse in all fields of engineering</p>
34	M. Tech Electrical Engineering	01EV	Project Phase-III	01EV0303	—	—	✓	✓	<p>1. Project phase teaches students to work on the problems related to society that link with the human values, 2. Professional ethics has to be follow while completing project work, 3. They needs to work on the problem that help to reduce environment pollution and more towards the sustainable source of energy</p>
35	M. Tech Electrical Engineering	01EV	Capstone Project-I	01PEED03 01	—	—	✓	✓	<p>1. Project phase teaches students to work on the problems related to society that link with the human values;</p> <p>2. Professional ethics has to be follow while completing project work;</p>





									3. They needs to work on the problem that help to reduce environment pollution and more towards the sustainable source of energy
36	M. Tech Electrical Engineering	01EV	Communication Skill and Technical Writing	01SL0302	—	—	—	✓	1. This course deals with the ethics followed in professional life and also deal with the values that can be inculcate in professional life; 2. The course introduce the students to various formal/professional situations for which solution can be ethically right and supports the human values.
37	M. Tech Electrical Engineering	01EV	Project Phase-IV	01EV0401	—	—	✓	✓	1. Project phase teaches students to work on the problems related to society that link with the human values, 2. Professional ethics has to be follow while completing project work, 3. They needs to work on the problem that help to reduce environment pollution and more towards the sustainable source of energy
38	M. Tech Electrical Engineering	01EV	Capstone Project-II	01PEED04 01	—	—	✓	✓	1. Project phase teaches students to work on the problems related to society that link with the human values; 2. Professional ethics has to be follow while completing project work; 3. They needs to work on the problem that help to reduce environment pollution and more towards the sustainable source of



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39	M. Tech Electrical Engineering	01EV	Control of Grid Connected Converters For PV and Wind Systems	01PE1205	—	✓	—	—	1. The subject aims is to discuss about the control of grid connected converter for PV and wind systems that deal with the green energy which is sustainable form of energy; 2. PV and wind usage reduce the pollution increases due to other form of non-renewable energy sources.
40	M. Tech Electrical Engineering	01EV	Value Education	01AU9002	—	—	✓	✓	This course is basically deals to inculcate the value in education, Honesty, integrity, value for student's life and also teach them human values.
41	M. Tech Electrical Engineering	01EV	Power Electronic Energy Conversion For Sustainable Energy Systems	01PE1204	—	✓	—	—	1. The course introduces the various sustainable energy sources including solar, wind, biomass and geothermal energy as a potential source of energy for present and future need; 2. The course examines available and future technologies in the contexts of: their environmental strengths and weaknesses, their technical and economic viability; 3. Discuss the concepts of Environmental Studies and natural resources; 4. Presents an overview of energy technology and energy resources available today, and of





									emerging technology trends of the future
42	B.Tech Mechanical Engineering	01ME	Basics of Environmental Studies	01EN0101	—	✓	✓	✓	<ol style="list-style-type: none"> <li>1. Learn about the Environmental issues faced globally and various steps taken globally to solve such Environmental issues;</li> <li>2. Know the importance of natural resources for the sustainable development of life;</li> <li>3. Understand the effect of growing population on the Environment.</li> </ol>
43	B.Tech Mechanical Engineering	01ME	Value Education	01CR0102	—	—	✓	✓	<ol style="list-style-type: none"> <li>1. Inculcate right values, ethics, attitudes, manners and behavior;</li> <li>2. Respond and relate with expectations, competitions and power of Networking;</li> <li>3. Understand importance of role of Values in developing self</li> </ol>
44	B.Tech Mechanical Engineering	01ME	Reading & Writing for Technology /	01SL0102	—	—	—	✓	<ol style="list-style-type: none"> <li>1. Write assignments, reports, letters etc. in the technical contexts;</li> <li>2. Organize ideas and arguments in the written form understand the process of communication in link with Non –verbal Communication</li> </ol>





45	B.Tech Mechanical Engineering	01ME	Speaking and Presentation Skills	01SL0103	—	—	—	✓	1. Handle the form, vocabulary and characteristic expression of English Language in different context; 2. Deliver an effective presentation on a given topic; 3. Understand the process of communication in link with Non –verbal Communication
46	B.Tech Mechanical Engineering	01ME	Professional Ethics	01CR0302	—	✓	—	—	1. Understand the basics of human values; 2. Maintain ethical conduct and discharge their professional duties; 3. Understand the basics of human values
47	B.Tech Mechanical Engineering	01ME	Renewable Energy Engineering	01ME0732	—	✓	✓	✓	1. Importance of Renewable sources for sustainable development; 2. Application of different RE sources; 3. Carry our preliminary economic analysis of RE systems
48	M. Tech Mechanical Engineering	01CA	Solar Energy Engineering	01TH0203	—	✓	✓	—	1. Importance of Solar energy sources for sustainable development; 2. Design and development of solar thermal system to utilize solar energy and reduce pollution
49	M. Tech Mechanical Engineering	01CA	Energy Conservation & Management	01TH0205	—	✓	—	—	Economic analysis and benefit of renewable energy system
50	M. Tech Mechanical Engineering	01CA	Value Education	01AU9002	—	—	✓	✓	1. Inculcate right values, ethics, attitudes, manners and behavior; 2. Respond and relate with expectations, competitions and power of Networking; 3. Understand importance of role of Values in

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developing self												
1. Provide solutions for minimizing environmental issues like Air, Water & land pollution; 2. Apart from it also enhance importance of population control, ecology, and its effects on people.												
Important element for student education which aims to understand positive and right values, ethics, manners and attitudes towards life through the learning and teaching of various Key Learning Areas like enhancing softer skills through activities and group interactions.												
1. Responsibility in technological development by keeping personal ethics and also developing legal ethics conduct to deliver their professional duties; 2. Gender equality like women empowerment is also cover in this course.												
51	B.Tech Chemical Engineering	01CH	Basics of Environmental Studies	01EN0101	—	✓	—	—	—	01EN0101	Environmental Studies	B.Tech Chemical Engineering
52	B.Tech Chemical Engineering	01CH	Value Education	01CR0103	—	—	✓	—	—	01CR0103	Value Education	B.Tech Chemical Engineering
53	B.Tech Chemical Engineering	01CH	Professional Ethics	01CR0302	✓	—	—	—	—	01CR0302	Professional Ethics	B.Tech Chemical Engineering
54	B.Tech Chemical Engineering	01CH	Environmental management in chemical industries	01CH0605	—	✓	—	—	—	01CH0605	Environmental management in chemical industries	B.Tech Chemical Engineering
55	B.Tech Chemical	01CH	Renewable Energy	01ES0601	—	✓	—	—	—	01ES0601	Renewable Energy	B.Tech Chemical
												Provide solution of sustainable solution of environmental issue



	Engineering		Resources						
56	B.Tech Chemical Engineering	01CH	Plant Design & Project Engineering	01CH0704	—	—	✓	✓	1. Helps the students to know the concept of economics and techniques / tools used in management; 2. Students will develop managerial skills and human values.
57	B.Tech Chemical Engineering	01CH	Project I & II	01CH0705, 01CH0804	—	—	—	✓	Course is envisaged to create a platform to develop research skills like objectivity, ethical neutrality and to find solutions for relevant social problems at the local level.
58	B.Tech Chemical Engineering	01CH	Cleaner Production	01CH0502	—	✓	—	—	Course helps students to find sustainable development techniques.it also enhances knowledge for housekeeping and modification techniques.
59	B.Tech Chemical Engineering	01CH	Petroleum Refining and Petrochemicals	01CH0803	—	✓	—	—	1. Helps the students to know the concept of economics and techniques / tools used crude oil systems; 2. Students will develop skills which are used to decrease pollution through various technical flowsheets.
60	M. Tech Chemical Engineering	01CM	Energy Technology	01CM0107	—	✓	—	—	This course deals the sustainable energy resources option for the replacement of conventional energy resources.
61	M. Tech Chemical Engineering	01CM	Industrial Effluent Treatment	01CM0108	—	✓	—	—	This course deals with sustainable approach to protect the environment by treating the effluent of industries.
62	M. Tech Chemical Engineering	01CM	Fermentation Technology	01CM0109	—	✓	—	—	Production Clean and green energy like ethanol will be learn by this course.

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63	M. Tech Chemical Engineering	01CM	Research Methodology	01RM0101	—	—	—	✓	This course deals about the ethic related to research and publication like plagiarism
64	M. Tech Chemical Engineering	01CM	Process Equipment & Plant Design	01CM0207	—	✓	—	—	The sustainable plant design will be learned by this course.
65	B. Tech Automobile Engineering	01AE	Value Education	01CR0103	—	✓	✓	—	1. Understand importance of role of Values in developing self. Inculcate right values, ethics, attitudes, manners and behaviours for life; 2. Respond and relate with expectations, competitions and power of networking
66	B. Tech Automobile Engineering	01AE	Physical Education/Sport s/Yoga	01PE0101	✓	✓	—	—	1. Students will be able to understand the basic principles and practices of physical education, sports and yoga. Students will be able to instruct the physical activities, sports and yoga practices for healthy living; 2. To develop professionalism among students to conduct, organize and officiate physical education; 3. Sports and Yoga events at Universities and National Level; 4. Students are being given professional level training in all games where in they represent the University at national Level.

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67	B. Tech Automobile Engineering	01AE	Basics of Environmental Studies	01EN0101	—	—	—	✓	<p>1. Understand and realize the multidisciplinary nature of Environment &amp; its components;</p> <p>2. Know the importance of natural resources for the sustainable development of life;</p> <p>3. Understand the effect of growing population on the Environment;</p> <p>4. Classify the different types of pollution and measure to control pollution;</p> <p>5. Learn about the Environmental issues faced globally and various steps taken globally to solve such Environmental issues.</p>
68	B. Tech Automobile Engineering	01AE	Professional Ethics	01CR0302	—	✓	✓	—	<p>1. Understand the basics of human values. Inculcate human values to grow as responsible human beings with proper personality;</p> <p>2. Maintain ethical conduct and discharge their professional duties;</p> <p>3. Resolve ethical confusions and contradictions and bring harmony at thought, behaviour and action level</p>
69	B.Tech IT	01IT	Value Education	01CR1103	—	—	✓	—	<p>1. Values of Honesty and Integrity as corner stone in one's career and Life; 2. Experiencing incidence and case studies related to Honesty, Integrity and Human Values in work set up.</p>
70	B.Tech IT	01IT	Basics of Environmental Studies	01EN0101	—	✓	—	—	Understand and realize the multidisciplinary nature of Environment & its components





71	B.Tech IT	01IT	Professional Ethics	01CR0302	—	—	✓	✓	1. Inculcate human values to grow as responsible human beings with proper personality; 2. Maintain ethical conduct and discharge their professional duties
72	B.Tech ICT	33	Value Education	01CR0103	—	—	✓	✓	1. This course inhibits the students with qualities like ethics, right values, attitude, manners and behaviors in their personal as well as professional lives; 2. Moreover, it helps the students to become ready and manage for the exams, assignments, anxiety and pressure for the exams in their life; 3. It also teaches the students the importance of values pertaining to their fruitful life and career.
73	B.Tech ICT	33	Professional Ethics	01CR0302	—	—	✓	✓	1. This course will enable the budding engineers and managers to effectively resolve the ethical issues they will face in their professional lives; 2. Moreover, it will develop ethical conduct in their lives which will be helpful in conducting their professional duties; 3. From this course, they will be able to articulate their human values which helps them to become a responsible human being in the society.





74	B.Tech ICT	33	Basics of Environmental Studies	01EN0101	—	✓	—	—	<p>1. This course helps students to analyze and understand the environmental issues faced globally and various steps taken globally to solve such Environmental issues;</p> <p>2. It also helps to understand importance of natural resources for the sustainable development of life;</p> <p>3. Students gain the basic understanding of the effect of growing population on the Environment and classifying the different types of pollution and measure to control pollution.</p>
75	B.Tech ICT	33	Artificial Intelligence	01CT0703	—	—	—	✓	This course deals with the ethics and safety of AI
76	B.Sc. Microbiology	02MB	Fundamental Biology -II	02MB0153	—	✓	—	—	Apply the information in scientific manner pertaining to provide solution towards animal and plant pathological problems.
77	B.Sc. Microbiology	02MB	Environmental Studies	02ES0201	—	✓	—	—	<p>1. Students in Environmental Studies are motivated by concern for welfare of the many human and non-human communities that shape this planet;</p> <p>2. Understand importance of conservation of natural resources and wildlife and problems arise due to destruction of forest, over-use of energy resource and environmental pollution.</p>
78	B.Sc. Microbiology	02MB	Environmental Microbiology	02MB0252	—	✓	—	—	To correlate the role of microorganisms in Environment. Understand the importance of microorganisms in biodegradation and





									bioremediation processes.
79	B.Sc. Microbiology	02MB	Professional Ethics	02CR0201	—	—	✓	✓	<ol style="list-style-type: none"> <li>1. Understand the basics of human values. Inculcate human values to grow as responsible human beings with proper personality;</li> <li>2. Maintain ethical conduct and discharge their professional duties;</li> <li>3. Resolve ethical confusions and contradictions and bring harmony at thought, behaviour and action level.</li> </ol>
80	B.Sc. Microbiology	02MB	Career Readiness Program	02CR0401	—	—	—	✓	<ol style="list-style-type: none"> <li>1. Understand the nuances of dealing with public at large;</li> <li>2. Exhibit professionalism in formal setting</li> </ol>
81	B.Sc. Microbiology	02MB	Microbial Biotechnology	02MB0304	—	✓	—	—	Developing concepts for new applications of microorganisms in industrially or environmentally useful processes.
82	B.Sc. Microbiology	02MB	Applied Microbiology	02MB0353	—	✓	—	—	<ol style="list-style-type: none"> <li>1. Understand significance of microorganisms as biofertilizer, biopesticides;</li> <li>2. Understand the role of microorganisms in biodegradation and bioremediation processes.</li> </ol>
83	B.Sc. Microbiology	02MB	Value Education	02CR0103	—	—	✓	✓	<ol style="list-style-type: none"> <li>1. Understand importance of role of Values in developing self;</li> <li>2. Inculcate right values, ethics, attitudes, manners and behaviors for life</li> </ol>

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84	M.Sc. Microbiology	02MB	Environmental Biotechnology	02MB0532	—	✓	✓	✓	<p>1. To describe and comprehend the fundamental concepts of solid waste management, biodegradation, bioremediation process and microbial treatment of waste water;</p> <p>2. To analyze and develop critical thinking skills in order to communicate to a wide range of audiences with oral and written reports that target the field of environmental microbiology;</p> <p>3. To acquire analytical skills in designing of cost effective and sustainable waste management strategies with consideration of public health, safety, welfare of society and environment by contributing to innovation and entrepreneurship.</p>
85	M.Sc. Microbiology	02MB	Pharmaceutical Microbiology	02MB0504	—	✓	✓	✓	<p>1. To test methods for evaluation of formulations such as preservative efficacy testing and stability of Drugs &amp; Stability Testing;</p> <p>2. Microbiological control, risk assessment, regulatory aspects of pharmaceuticals quality assurance and quality control of microbial contaminants in pharmaceutical industries with respect to FDA and WHO (GMP and GLP);</p> <p>3. Maintenance and requirement of drug criteria as per Indian Pharmacopeia.</p>
86	B.Sc.	02CY	Environmental	02ES0131	—	—	✓	—	The importance of environment, its problems



	Chemistry		Studies						and solutions to overcome
87	B.Sc. Chemistry	02CY	Value Education	02CR0103	✓	✓	—	—	1. Learn about the importance of the role of value in developing science; 2. Develop behavior of the person in a business environment.
88	B.Sc. Chemistry	02CY	Professional Ethics	02CR0201	✓	✓	—	—	Understands the basis of principles that govern the behavior of a person or group in a business environment to acquire human value.
89	B.Sc. Chemistry	02CY	Career Readiness Program	02CR0301	✓	✓	—	—	To understand the importance of soft skills in personal and professional area to apply principles of professional ethics and human values.
90	B.Sc. Chemistry	02CY	Basic Biochemistry	02MB0253	✓	✓	✓	—	To develop concepts about biological functions & applications of biomolecules in Environmental field.
91	B.Sc. Chemistry	02CY	Career Readiness Program	02CR0401	✓	✓	—	—	1. The learning of professionalism in formal settings to perform effectively in entrance exams and campus recruitment drives for professional ethics; 2. The course helps to apply the value related issues in the society.
92	B.Sc. Chemistry	02CY	Analytical Chemistry	02CY0304	—	—	✓	—	Analytical practices from basics to chromatography are helpful theoretically and practically to environment sustainability problems.
93	B.Sc. Chemistry	02CY	Industrial Chemistry	02CY0351	—	—	✓	—	The future aspects of the course by learning industrial separation and application in environment issues.

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94	B.Sc. Chemistry	02CY	Analytical Spectroscopic Techniques	02CY0354	—	—	✓	—	To acquire knowledge on spectroscopic techniques like HPLC, GC etc. are helpful for Environmental researchers to analyse the environment problems.
95	M. Sc. Chemistry	02CY	Industrial Analysis	02CY0506	—	—	✓	—	To understand scientific methods of planning, developing, conducting, reviewing and reporting experiments to use with industrial knowledge for application in environment related issues.
96	M.Sc. Chemistry	02CY	Selected topics in Analytical Chemistry	02CY0508	—	—	✓	—	To understand analytical methods to start from calculations, measurement, electro gravimetric methods of analysis to use in solving environmental issues
97	M.Sc. Chemistry	02CY	Essence of Chromatography	02CY0509	—	—	✓	—	To learn chromatographic methods and develop separation method of analysis for basic problem theme determination for environmental topics.
98	M.Sc. Chemistry	02CY	Advanced Analytical Techniques	02CY1501	—	—	✓	—	Principles, theory and practical purpose of advanced techniques HPLC, GC, NMR etc. can be the part of analysis for any topic related to sustainability of environment.
99	M.Sc. Chemistry	02CY	Research Methodology	02CY0551	—	—	✓	—	To understand the theory behind the research, how to choose the topic, how to handle the problems related to research is needed for any research in Environmental Chemistry.
100	M.Sc. Chemistry	02CY	Parma Regulatory Affairs	02CY1553	✓	—	✓	—	To understand validated analytical method with respect to ICH guideline can help to develop professional ethics and

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									environmental topics.
101	M.Sc. Chemistry	02CY	Dissertation/ Project	02CY1554	✓	✓	✓	—	The understanding of the need of skill development for independent researchers can help to work in team, skill development as an independent researcher giving the values to society solving research problems.
102	M.Sc. Physics	02PY	Research Methodology	02PY0504	—	—	—	✓	This course deals with the different aspects of research that are commonly followed. Students are taught what are the different ethical issues while doing the scientific research and scientific writing.
103	BBA	04BB	Microeconomics & Macroeconomics	04BB0102/ 04BB0201	—	✓	—	—	<ol style="list-style-type: none"> <li>1. Apply economic reasoning to the analysis of selected contemporary economic problems;</li> <li>2. Understand how households (demand) and businesses (supply) interact in various market structures to determine price and quantity of goods and services produced and consumed;</li> <li>3. Use economic problem solving skills to discuss the opportunities and challenges of the increasing globalization of the world economy;</li> <li>4. Comprehend why household, business, government and global behavior determine the aggregate demand for goods and services;</li> <li>5. Understand the basics of national income</li> </ol>



									accounting; 6. Apply economic reasoning to understand the operation of an economy.
104	BBA	04BB	Organisational Behaviour	04BB0202	✓	—	✓	✓	<ul style="list-style-type: none"> <li>1. Understand individual differences and utilize them effectively in making groups to achieve organizational objectives;</li> <li>2. Apply knowledge of models and theories to promote the effectiveness in workplace;</li> <li>3. Understand gender wise differences in human behaviour at workplace;</li> <li>4. Understand the impact of human values on behaviour;</li> <li>5. Understand the expectations w.r.t. professional behaviour at workplace</li> </ul>

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105	BBA	04BB	Entrepreneurship	04BB2405	—	✓	—	✓	<ul style="list-style-type: none"> <li>1. Comprehend Fundamental Concepts for starting the business;</li> <li>2. Apprehend the concepts of industrial environment and preparing a business plan;</li> <li>3. Understand available sources for raising funds for start-ups;</li> <li>4. Comprehend various challenges and possible solutions for starting a business units.</li> </ul>
106	BBA	04BB	Human Resources Management	04BB0204	✓	—	—	—	<ul style="list-style-type: none"> <li>1. Understand the importance of human resources and their effective management in organizations;</li> <li>2. Analyze the key issues related to administering the human elements such as recruitment, training, compensation, management development and employment relations;</li> <li>3. Understand the process of job analysis and appreciate its importance as a foundation for human resource management practice.</li> </ul>

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107	BBA	04BB	International Business	04BB0411	—	✓	—	—	<ol style="list-style-type: none"> <li>1. Study the environmental variables that affect world trade;</li> <li>2. Describe the policies and strategies that can lead to successful global trade;</li> <li>3. Evaluate present and future opportunities and risks for international business activities;</li> <li>4. Develop analytical skills which will help them enhance greater understanding towards world trade;</li> <li>5. Make student understand how the global risks are interconnected;</li> <li>6. Identify and evaluate the complexities of world trade and globalization from home versus host-country, regional, and cultural perspectives.</li> </ol>
108	BBA	04BB	Environmental Studies	04BB0409	—	✓	—	—	<ol style="list-style-type: none"> <li>1. Understand and realize the multidisciplinary nature of Environment &amp; its components;</li> <li>2. Know the importance of natural resources for the sustainable development of life;</li> <li>3. Understand the effect of growing population on the Environment;</li> <li>4. Classify the different types of pollution and measure to control pollution;</li> <li>5. Learn about the Environmental issues faced globally and various steps taken globally to solve such Environmental issues.</li> </ol>

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109	BBA	04BB	Consumer Behavior	04BB0509	✓	—	✓	—	<ol style="list-style-type: none"> <li>1. Identify the dynamics of human behaviour and the basic factors that influence the consumers decision process;</li> <li>2. Demonstrate how concepts may be applied to marketing strategy.</li> </ol>
110	BBA	04BB	Change Management	04BB1607	—	—	✓	—	<ol style="list-style-type: none"> <li>1. Understand the objective of managing change in the organization;</li> <li>2. Recognize reactions to change and address the resistance;</li> <li>3. Learn the competencies required for effective change management</li> </ol>
111	BBA	04BB	Compensation Management	04BB1512	✓	—	—	—	<ol style="list-style-type: none"> <li>1. Understand a pay system that is consistent for employees within the organization;</li> <li>2. Identify and describe a variety of reward systems used to determine individual pay levels;</li> <li>3. Implement and administer a compensation system according to the firm's policies and the legal requirements.</li> </ol>
112	BBA	04BB	Labour Welfare & Social Securities	04BB1511	✓	—	—	—	<ol style="list-style-type: none"> <li>1. Understand the features and objectives of employee welfare;</li> <li>2. Familiarized with vulnerable groups of workers and legal provisions related to them;</li> <li>3. Learn working conditions of workers and legal provisions related to welfare;</li> <li>4. Equal opportunity and equal remuneration foremployees of different genders is taught</li> </ol>





113	BBA	04BB	Business Ethics and Corporate Governance	04BB1601	—	—	✓	✓	<ol style="list-style-type: none"> <li>1. Understand the dynamics of business ethics;</li> <li>2. Identify ethical dilemmas in business &amp; suggest solutions to overcome the problems;</li> <li>3. Learn the concept of corporate governance and its relevance to ethical business activity.</li> </ol>
114	BBA (Honors)	04BB	Microeconomics & Macroeconomics	04BB0102/ 04BB0201	—	✓	—	—	<ol style="list-style-type: none"> <li>1. Apply economic reasoning to the analysis of selected contemporary economic problems;</li> <li>2. Understand how households (demand) and businesses (supply) interact in various market structures to determine price and quantity of goods and services produced and consumed;</li> <li>3. Use economic problem solving skills to discuss the opportunities and challenges of the increasing globalization of the world economy;</li> <li>4. Comprehend why household, business, government and global behavior determine the aggregate demand for goods and services;</li> <li>5. Understand the basics of national income accounting;</li> <li>6. Apply economic reasoning to understand the operation of an economy.</li> </ol>

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115	BBA (Honors)	04BB	Organisational Behaviour	04BB0202	✓	—	✓	✓	<ol style="list-style-type: none"> <li>1. Understand individual differences and utilize them effectively in making groups to achieve organizational objectives;</li> <li>2. Apply knowledge of models and theories to promote the effectiveness in workplace;</li> <li>3. Understand gender wise differences in human behaviour at workplace;</li> <li>4. Understand the impact of human values on behaviour;</li> <li>5. Understand the expectations w.r.t. professional behaviour at workplace</li> </ol>
116	BBA (Honors)	04BB	Entrepreneurship	04BB2405	—	✓	—	✓	<ol style="list-style-type: none"> <li>1. Comprehend Fundamental Concepts for starting the business;</li> <li>2. Apprehend the concepts of industrial environment and preparing a business plan;</li> <li>3. Understand available sources for raising funds for start-ups;</li> <li>4. Comprehend various challenges and possible solutions for starting a business units.</li> </ol>
117	BBA (Honors)	04BB	Human Resources Management	04BB0204	✓	—	—	—	<ol style="list-style-type: none"> <li>1. Understand the importance of human resources and their effective management in organizations;</li> <li>2. Analyze the key issues related to administering the human elements such as recruitment, training, compensation, management development and employment relations;</li> <li>3. Understand the process of job analysis and</li> </ol>





									appreciate its importance as a foundation for human resource management practice.
118	BBA (Honors)	04BB	International Business	04BB0411	—	✓	—	—	<ol style="list-style-type: none"> <li>1. Study the environmental variables that affect world trade;</li> <li>2. Describe the policies and strategies that can lead to successful global trade;</li> <li>3. Evaluate present and future opportunities and risks for international business activities;</li> <li>4. Develop analytical skills which will help them enhance greater understanding towards world trade;</li> <li>5. Make student understand how the global risks are interconnected;</li> <li>6. Identify and evaluate the complexities of world trade and globalization from home versus host-country, regional, and cultural perspectives.</li> </ol>





119	BBA (Honors)	04BB	Environmental Studies	04BB0409	—	✓	—	—	1. Understand and realize the multidisciplinary nature of Environment & its components; 2. Know the importance of natural resources for the sustainable development of life; 3. Understand the effect of growing population on the Environment; 4. Classify the different types of pollution and measure to control pollution; 5. Learn about the Environmental issues faced globally and various steps taken globally to solve such Environmental issues.
120	BBA (Honors)	04BB	Consumer Behavior	04BB0509	✓	—	✓	—	1. Identify the dynamics of human behaviour and the basic factors that influence the consumers decision process; 2. Demonstrate how concepts may be applied to marketing strategy.
121	BBA (Honors)	04BB	Change Management	04BB1607	—	—	✓	—	1. Understand the objective of managing change in the organization; 2. Recognize reactions to change and address the resistance; 3. Learn the competencies required for effective change management
122	BBA (Honors)	04BB	Compensation Management	04BB1512	✓	—	—	—	1. Understand a pay system that is consistent for employees within the organization; 2. Identify and describe a variety of reward systems used to determine individual pay levels; 3. Implement and administer a compensation system according to the firm's policies and





									the legal requirements.
123	BBA (Honors)	04BB	Labour Welfare & Social Securities	04BB1511	✓	—	—	—	1. Understand the features and objectives of employee welfare 2. Familiarized with vulnerable groups of workers and legal provisions related to them; 3. Learn working conditions of workers and legal provisions related to welfare; 4. Equal opportunity and equal remuneration foremployees of different genders is taught
124	BBA (Honors)	04BB	Business Ethics and Corporate Governance	04BB1601	—	—	✓	✓	1. Understand the dynamics of business ethics; 2. Identify ethical dilemmas in business & suggest solutions to overcome the problems; 3. Learn the concept of corporate governance and its relevance to ethical business activity.

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125	BCom	04BC	Microeconomics & Macroeconomics	04BC0104/ 04BC0202	—	✓	—	—	<ol style="list-style-type: none"> <li>1. Apply economic reasoning to the analysis of selected contemporary economic problems;</li> <li>2. Understand how households (demand) and businesses (supply) interact in various market structures to determine price and quantity of goods and services produced and consumed;</li> <li>3. Use economic problem solving skills to discuss the opportunities and challenges of the increasing globalization of the world economy;</li> <li>4. Comprehend why household, business, government and global behavior determine the aggregate demand for goods and services;</li> <li>5. Understand the basics of national income accounting;</li> <li>6. Apply economic reasoning to understand the operation of an economy.</li> </ol>
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126	BCom	04BC	Indian Economy	04BC0223/ 04	—	✓	—	—	<ol style="list-style-type: none"> <li>1. To know about the basic concepts, basic characteristics of Indian economy;</li> <li>2. To Understand the importance, causes and impact of population growth and its distribution, and relate them with economic development and Its potential on natural resources, the basic issues of Agriculture sector in Indian Economy;</li> <li>3. To know the Industrial policy and service sector role in economic growth of India;</li> <li>4. To Understand the role of strategy for poverty alleviation in India;</li> <li>5. Relationship between population growth and economic development;</li> <li>6. To know the population is curse or boon for Indian Economic Growth</li> </ol>
127	BCom	04BC	Public Finance	BC0323					<ol style="list-style-type: none"> <li>1. To find out the government's role in the economy, applying tools of basic public finance;</li> <li>2. Understating about the Sound Finance and Functional Finance, Allocation, Distribution of resources;</li> <li>3. Knowledge about the Fiscal policy and budget taxation in Indian economy;</li> <li>4. Analyzing the Role of public expenditure, debt and public deficit in economic growth of the country</li> </ol>





128	BCom	04BC	Environmental Studies	04BC0206	—	✓	—	—	<p>1. Understand and realize the multidisciplinary nature of Environment &amp; its components;</p> <p>2. Know the importance of natural resources for the sustainable development of life;</p> <p>3. Understand the effect of growing population on the Environment;</p> <p>4. Classify the different types of pollution and measure to control pollution;</p> <p>5. Learn about the Environmental issues faced globally and various steps taken globally to solve such Environmental issues.</p>
129	BCom	04BC	Corporate Governance, Ethics and Social Responsibility	04BC0608	—	—	✓	✓	<p>1. Understand the dynamics of business ethics; 2. Explain the responsibility of organisations to maintain appropriate standards of corporate governance and corporate social responsibility; 3. Explain how organisations take account of their social responsibility objectives through analysis of the needs of internal, connected and external stakeholders; 4. Identify the social and environmental responsibilities of business organisations to internal, connected and external stakeholders.</p>





130	BCom	04BC	Entrepreneurship	04BC0508	—	✓	—	✓	<ul style="list-style-type: none"> <li>1. Comprehend Fundamental Concepts for starting the business;</li> <li>2. Apprehend the concepts of industrial environment and preparing a business plan;</li> <li>3. Understand available sources for raising funds for start-ups;</li> <li>4. Comprehend various challenges and possible solutions for starting a business units.</li> </ul>
131	BCom	04BC	Human Resources Management	04BC0122	✓	—	—	—	<ul style="list-style-type: none"> <li>1. Understand the importance of human resources and their effective management in organizations;</li> <li>2. Analyze the key issues related to administering the human elements such as recruitment, training, compensation, management development and employment relations;</li> <li>3. Understand the process of job analysis and appreciate its importance as a foundation for human resource management practice.</li> </ul>

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132	BCom	04BC	International Business	04BC0321	—	✓	—	—	<ol style="list-style-type: none"> <li>1. Study the environmental variables that affect world trade;</li> <li>2. Describe the policies and strategies that can lead to successful global trade;</li> <li>3. Evaluate present and future opportunities and risks for international business activities;</li> <li>4. Develop analytical skills which will help them enhance greater understanding towards world trade;</li> <li>5. Make student understand how the global risks are interconnected;</li> <li>6. Identify and evaluate the complexities of world trade and globalization from home versus host-country, regional, and cultural perspectives.</li> </ol>
133	MBA	04MB	Economics for Managers	04MB0102	—	✓	—	—	Learners understand the impact of environment on business and vice versa
134	MBA	04MB	Organisational Behaviour	04MB0104	✓	—	✓	✓	<ol style="list-style-type: none"> <li>1. Understand individual differences and utilize them effectively in making groups to achieve organizational objectives,</li> <li>2. Apply knowledge of models and theories to promote the effectiveness in workplace;</li> <li>3. Understand gender wise differences in human behaviour at workplace;</li> <li>4. Understand the impact of human values on behaviour;</li> <li>5. Understand the expectations w.r.t. professional behaviour at workplace</li> </ol>





135	MBA	04MB	Entrepreneurship	04MB0107	—	✓	—	✓	<p>1. Comprehend Fundamental Concepts for starting the business;</p> <p>2. Apprehend the concepts of industrial environment and preparing a business plan;</p> <p>3. Understand available sources for raising funds for start-ups;</p> <p>4. Comprehend various challenges and possible solutions for starting a business units.</p>
136	MBA	04MB	Human Resources Management	04MB0202	✓	—	—	—	<p>1. Understand the importance of human resources and their effective management in organizations;</p> <p>2. Analyze the key issues related to administering the human elements such as recruitment, training, compensation, management development and employment relations;</p> <p>3. Understand the process of job analysis and appreciate its importance as a foundation for human resource management practice.</p>





137	MBA	04MB	International Business	04MB0303	—	✓	—	—	<ol style="list-style-type: none"> <li>1. Study the environmental variables that affect world trade;</li> <li>2. Describe the policies and strategies that can lead to successful global trade;</li> <li>3. Evaluate present and future opportunities and risks for international business activities;</li> <li>4. Develop analytical skills which will help them enhance greater understanding towards world trade;</li> <li>5. Make student understand how the global risks are interconnected;</li> <li>6. Identify and evaluate the complexities of world trade and globalization from home versus host-country, regional, and cultural perspectives.</li> </ol>
138	MBA	04MB	Consumer Behavior	04MB0310	✓	—	✓	—	<ol style="list-style-type: none"> <li>1. Identify the dynamics of human behaviour and the basic factors that influence the consumers decision process;</li> <li>2. Demonstrate how concepts may be applied to marketing strategy.</li> </ol>
139	MBA	04MB	Marketing Communication	04MB0311	—	—	—	✓	Ethics in marketing communication is emphasised
140	MBA	04MB	Change Management and Organizational Development	04MB0316	—	—	✓	—	<ol style="list-style-type: none"> <li>1. Learners understand the importance of human values for organisational change and development;</li> <li>2. Understand the objective of managing change in the organization;</li> <li>3. Recognize reactions to change and address the resistance;</li> </ol>





									4. Learn the competencies required for effective change management
141	MBA	04MB	Compensation Management	04MB0317	✓	—	—	—	1. Understand a pay system that is consistent for employees within the organization; 2. Identify and describe a variety of reward systems used to determine individual pay levels; 3. Implement and administer a compensation system according to the firm's policies and the legal requirements.
142	MBA	04MB	Management of Industrial Relations and Labour Legislations	04MB0319	✓	—	—	—	Equal opportunity and equal remuneration for employees of different genders is taught
143	MBA	04MB	Managing Diversity	04MB0321	✓	—	—	—	Importance of managing diverse workforce is explained
144	MBA	04MB	Managerial Psychology	04MB0360	✓	—	—	—	Learners understand gender wise differences in human behaviour at the workplace and how the manager needs to deal with them.





145	MBA	04MB	Business Ethics and Corporate Governance	04MB0401	—	—	✓	✓	<ol style="list-style-type: none"> <li>1. Understand the dynamics of business ethics;</li> <li>2. Identify ethical dilemmas in business &amp; suggest solutions to overcome the problems;</li> <li>3. Learn the concept of corporate governance and its relevance to ethical business activity;</li> <li>4. Values Morals and Ethics is taught</li> </ol>
146	MBA	04MB	Leadership - Theory and Practice	04MB0442	—	—	✓	✓	Ethical Leadership and value-based leader member exchanges are taught
147	BCA	05BC	Speaking and Presentation Skills	05SL0103			✓		It will help the students to develop Professional Ethics required in Professional Life
148	BCA	05BC	English for Workplace	05SL0152			✓		The course will help students to develop the communication skill and professionalism required at global stage during their professional journey
149	BCA	05BC	Business Communication and Technical Writing	05BC1405			✓		<ol style="list-style-type: none"> <li>1. This course will help students to apply their speaking skills in business communication, to create effective technical presentations and written documents for business and technology;</li> <li>2. It will improve students skills for professional purposes.</li> </ol>

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150	BA LLB (Honors)	10BA	Political Science I	10BA0101	✓	✓	—	✓	<p>1. The course is designed to familiarize students with the key political processes that have shaped India in the post -independence period;</p> <p>2. The analysis is done from both a local and national perspective, delineating how such processes have affected the key political issues facing the country;</p> <p>3. Interconnections of religion, caste and politics. Importance of federo-unitary structure of India. Understanding of local and national politics.</p>
151	BA LLB (Honors)	10BA	Sociology I	10BA0103	✓	✓	✓	✓	<p>1. Aims to provide background of subject and its relevance in studying society;</p> <p>2. Aims to help the students understand basic concepts in sociology which will help in better understanding of society;</p> <p>3.Aims to introduce basic issue and themes and various perspective concerning social problems.</p>
152	BA LLB (Honors)	10BA	Internship (NGO)	10BA0207	✓	✓	✓	✓	<p>1. Conduct Research on Social Issues &amp; present solutions to the organization;</p> <p>2. Creating, planning, co-ordinating activities for programs and outreach activities;</p> <p>3. Prepare grant proposals and provide reading and literacy support to the communities in need;</p> <p>4. Creating and evaluating strategies to raise funding for community-based initiatives.</p>

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153	BA LLB (Honors)	10BA	Family Law I	10BC0305	✓	—	✓	✓	<ol style="list-style-type: none"> <li>1. To know the various concepts and basis of evolution of Family Law;</li> <li>2. To analyze and examine the different codified as well as unmodified family laws operating in the Indian societal set up;</li> <li>3. To discuss the contemporary issues affecting Family Laws;</li> <li>4. To understand justice dispensation in Family Law and to identify the constraints in the adoption of uniform civil code in India.</li> </ol>
154	BA LLB (Honors)	10BA	Public International Law	10BC0402	✓	✓	—	✓	<ol style="list-style-type: none"> <li>1. To attain the understanding of concepts, theories and judicial response with regard to public International Law;</li> <li>2. To understand Nature of International Law- Is International law a True Law;</li> <li>3. To understand concept of Recognition, Succession, Intervention, Extradition, Asylums;</li> <li>4. To understand the role of International Organisations</li> </ol>
155	BA LLB (Honors)	10BA	Environment Law	10BC0403	—	✓	✓	✓	<ol style="list-style-type: none"> <li>1. Environmental issues and the laws. The important principles in the field like inter-generation equity, carrying capacity, sustainable development, and precautionary principle, polluter pay principles are to be appreciated; 2. Analyze and evaluate the law in practice. International development in environmental law.</li> </ol>



156	BA LLB (Honors)	10BA	Jurisprudence	10BC0304	—	✓	✓	✓	<ul style="list-style-type: none"> <li>1. To encourage the development of skills in legal reasoning and analysis among the students;</li> <li>2. To introduce students to basic theoretical perspectives on the creation and application of law;</li> <li>3. To provide students with knowledge and appreciation of the major theories of law, justice and rights;</li> <li>4. To provide students with awareness of principles underpinning legal doctrine, and of the ways in which those principles can conflict.</li> </ul>
157	BCom LLB (Honors)	10BC	Principles of Business Administration	10BC0101	—	✓	✓	✓	<ul style="list-style-type: none"> <li>1. To understand the basic principles of management;</li> <li>2. To examine the importance of developing clearly identified goals and objectives;</li> <li>3. To provide an understanding of the managerial functions essential in today's business environment;</li> <li>4. Demonstrate their knowledge of business and management principles;</li> <li>5. Get acquainted with management process and functions.</li> </ul>

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158	BCom LLB (Honors)	10BC	Business Environment	10BC0102	—	✓	✓	✓	<ol style="list-style-type: none"> <li>1. To impart basic understanding of the various environmental components influencing the business;</li> <li>2. To appreciate opportunities, risks and challenges and their relevance associated with managerial decisions;</li> <li>3. Understand the meaning and relationship of environment and business;</li> <li>4. Know the characteristics of modern business;</li> <li>5. Explain the competitive structure of an industry</li> </ol>
159	BCom LLB (Honors)	10BC	Internship (NGO)	10BA0207	✓	✓	✓	✓	<ol style="list-style-type: none"> <li>1. Conduct Research on Social Issues &amp; present solutions to the organization;</li> <li>2. Creating, planning, co-ordinating activities for programs and outreach activities;</li> <li>3. Prepare grant proposals and provide reading and literacy support to the communities in need;</li> <li>4. Creating and evaluating strategies to raise funding for community-based initiatives.</li> </ol>
160	BCom LLB (Honors)	10BC	Family Law I	10BC0305	✓	—	✓	✓	<ol style="list-style-type: none"> <li>1. To know the various concepts and basis of evolution of Family Law;</li> <li>2. To analyze and examine the different codified as well as unmodified family laws operating in the Indian societal set up;</li> <li>3. To discuss the contemporary issues affecting Family Laws;</li> <li>4. To understand justice dispensation in</li> </ol>





									Family Law and to identify the constraints in the adoption of uniform civil code in India.
161	BCom LLB (Honors)	10BC	Public International Law	10BC0402	✓	✓	—	✓	<ol style="list-style-type: none"> <li>1. To attain the understanding of concepts, theories and judicial response with regard to public International Law;</li> <li>2. To understand Nature of International Law- Is International law a True Law;</li> <li>3. To understand concept of recognition, succession, intervention, extradition, asylums;</li> <li>4. To understand the role of International organisations</li> </ol>
162	BCom LLB (Honors)	10BC	Environment Law	10BC0403	—	✓	✓	✓	<ol style="list-style-type: none"> <li>1. Environmental issues and the laws;</li> <li>2. The important principles in the field like inter-generation equity, carrying capacity, sustainable development, and precautionary principle, polluter pay principles are to be appreciated;</li> <li>3. Analyze and evaluate the law in practice. International development in environmental law.</li> </ol>





163	BCom LLB (Honors)	10BC	Jurisprudence	10BC0304	—	✓	✓	✓	<ol style="list-style-type: none"> <li>1. To encourage the development of skills in legal reasoning and analysis among the students;</li> <li>2. To introduce students to basic theoretical perspectives on the creation and application of law;</li> <li>3. To provide students with knowledge and appreciation of the major theories of law, justice and rights;</li> <li>4. To provide students with awareness of principles underpinning legal doctrine, and of the ways in which those principles can conflict.</li> </ol>
164	B. Pharm	13 PH	Pharmaceutical Jurisprudence	13PH0405	—	✓	✓	✓	<ol style="list-style-type: none"> <li>1. Various Indian pharmaceutical Acts and Laws to protect the life of patients;</li> <li>2. The regulatory authorities and agencies governing the manufacture and sale of pharmaceuticals;</li> <li>3. The code of ethics during the pharmaceutical practice</li> </ol>
165	B. Pharm	14 PH	Pharmacy Practice	13PH0703	—	—	✓	✓	<ol style="list-style-type: none"> <li>1. Monitor drug therapy of patients through medication chart review and clinical review;</li> <li>2. Obtain medication history interview and counsel the patients;</li> <li>3. Detect and assess adverse drug reactions;</li> <li>4. Do patient counselling in a community pharmacy;</li> <li>5. Appreciate the concept of Rational drug therapy.</li> </ol>

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166	B. Pharm	15 PH	Quality Assurance	13PH0705	—	✓	✓	✓	<p>1. Quality assurance is to ensure that the medication being manufactured will provide the desired effect to the patient;</p> <p>2. Quality assurance also guarantees that there are no contaminants present and that the medications will meet quality requirements and all relevant regulations for better health of the patient.</p>
167	B. Pharm	16 PH	Social and Preventive Pharmacy	13PH0802	—	✓	✓	✓	<p>1. Recognize the concepts and evaluation of public health;</p> <p>2. Illustrate sociocultural factors and their relationship with health;</p> <p>3. Identify avoidable habits for personal hygiene and health;</p> <p>4. Explain the principles of the prevention and control of communicable and non-communicable diseases;</p> <p>5. Recognize the community services in rural, urban, and school health;</p> <p>6. Explain the general measures and strategies to be followed in social and preventive pharmacy.</p>
168	B. Pharm	17 PH	Pharma Marketing Management Course	13PH0803	—	—	✓	✓	<p>1. Understand the principle of marketing plans for assigned brand;</p> <p>2. Interaction with the R &amp; D and Quality functions to understand the product according to customer need and satisfaction.</p>

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169	B. Pharm	18 PH	Pharmaceutical Regulatory Science	13PH0804	—	✓	✓	✓	<ol style="list-style-type: none"> <li>1. Understand the process of drug discovery and development with patient requirements according to professional ethics;</li> <li>2. Requirement of the regulatory authorities and agencies governing the manufacture and sale of quality drugs and pharmaceuticals for better life.</li> </ol>
170	B. Pharm	19 PH	Pharmacovigilance	13PH0805	—	—	✓	✓	<ol style="list-style-type: none"> <li>1. Pharmacovigilance ensures the rigorous testing of clinical drugs to improve patient care and reduce the risk of negative side effects;</li> <li>2. Present throughout the drug lifecycle, PV certifies whether a drug works and if it is safe to use.</li> </ol>
171	Bachelor of Physiotherapy	17PT	Psychology	17PT0104	✓	—	✓	✓	<ol style="list-style-type: none"> <li>1. Various acts and laws protect the life of patients/clients;</li> <li>2. The regulatory authorities make sure that physiotherapists dealing with patients/clients are qualified and registered to protect patients/clients.</li> </ol>
172	Bachelor of Physiotherapy	17PT	Sociology	17PT0105	✓	✓	✓	✓	<ol style="list-style-type: none"> <li>1. Explain the principles of the prevention and control of communicable and non-communicable diseases;</li> <li>2. Detects and assess effects of various social problems in practice of physiotherapy;</li> <li>3. Do patient counselling in a community physiotherapy;</li> <li>4. Appreciate the concept of physiotherapy;</li> <li>5. Illustrate sociocultural factors and</li> </ol>





									environment and their relationship with physiotherapy and health.
173	Bachelor of Physiotherapy	17PT	Environmental Science	17PT0106	—	✓	✓	—	<ol style="list-style-type: none"> <li>1. To sensitize various concerns related to the effect of the environment on health and vice versa;</li> <li>2. Identify avoidable habits for personal hygiene and health.</li> </ol>
174	Bachelor of Physiotherapy	17PT	Psychiatry	17PT0207	✓	✓	✓	✓	<ol style="list-style-type: none"> <li>1. Recognize the concepts and evaluation of public health;</li> <li>2. Recognize the community services in rural, urban, and school health;</li> <li>3. Explain the general measures and strategies to be followed in social and preventive physiotherapy.</li> </ol>
175	Bachelor of Physiotherapy	17PT	Ethics (PPE)	17PT0111	✓	✓	✓	✓	<ol style="list-style-type: none"> <li>1. Use of various measures to counsel patients and to provide optimum care in the proper way;</li> <li>2. The code of ethics during the physiotherapy practice is followed.</li> </ol>

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176	Bachelor of Physiotherapy	17PT	Ethics (PPE)	17PT0209	—	✓	✓	✓	1. Understand the process of discovery and development in physiotherapy with patient requirements according to professional ethics; 2. Requirement of the regulatory authorities for proper physiotherapy regulation for better life.
177	Bachelor of Physiotherapy	17PT	Ethics (PPE)	17PT0307	—	✓	✓	✓	1. Physiotherapy councils ensure the rigorous testing of clinical practice to improve patient/client care and reduce the risk of negative effects; 2. A registered physiotherapist is present throughout the rehabilitation if methods are safe to practice it is safe to use.

*nyadega*  
 Registrar  
 Marwadi University

