



CRITERION 1	CURRICULAR ASPECTS	100 MARKS
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CRITERION 1 (Curricular Aspects)

1.3 Curriculum Enrichment

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

Response:

The course curriculum offered by the university IKGPTU integrates crosscutting issues relevant to Human Values, Professional Ethics, Gender, Environment and Sustainability as follows:

Human Values:

1. HSMC 102-18 Universal Human Values

Universal human values teaches-the good, truth, beauty, freedom, or civil society, a non-nuclear world, ecological. protection, pluralism etc.

2. HSMC113-18 Values and Ethics

The subject enables students to know the classification of values like extrinsic values, Universal and Situational values, Physical, Environmental, Sensuous, Economic, Social, Aesthetic, Moral and Religious values. They will understand the concepts related to values like Purusharth, Virtue, Right, duty, justice, Equality, Love and Good, Egoism, Altruism and universalism.

3. HSMC122-18 Universal Human Values-II

This course introduces the students to the value education, harmony, and professional ethics.

4. HVPE 101-18 Human Values, Deaddiction and Traffic Rules

This course is introduced during first semester for the development of a Holistic perspective among students towards life, profession and happiness, based on a correct understanding of

the Human reality and the rest of Existence and understanding in terms of ethical human conduct, trustful and mutually satisfying human behaviour and mutually enriching interaction with Nature.

5. HVPE102-18 Human Values, De addiction and Traffic Rules Lab

During I year induction program, we impress upon the values intended to provide a much-needed orientational input in Value Education to the young enquiring minds.

6. HSMC- 132-18 Civil Engineering- Introduction, Societal & Global Impact

This subject aims to provide inspiration for doing creative and innovative work for the benefit of the society.

7. HSMC103-18 Education, Technology and Society

This subject enables students to explore the various ways in which technology has and may in future affect not only the mode of delivery of education but also the very nature of education.

8. BTMC-102-18 Essence of Indian Traditional Knowledge

The course aims at imparting basics of Indian traditional Knowledge in Modern scientific perspective.

9. HSMC-101-18 Foundational Course in Humanities

This course is offered to impress upon the students' mind about social development, political development, and economic development.

10. HU-251 Human Resource Management

This course enables the students to understand the HR Management and system at various levels in general and in certain specific industries or organizations.

11. BTMC-101-18 Indian Constitution - Mandatory Course

The objective of this course is to provide the basic knowledge about the Political System of the Country.

12. HSMC 101/102-18 Development of Society

This course is offered to Improve the well-being of every individual in society so they can reach their full potential.

13. HVPE 101 Human Values and Professional Ethics

In 1st year (2017-18) and induction program (2018 onwards), the Universal Human Values component acts as an anchor, develops awareness and sensitivity, feeling of equality, compassion and oneness, draw attention to society and also connects students with each other and with teachers, so that they can share the problems they might be facing and seek help.

Professional Ethics:

- 1. HSMC-255 Professional Practice, Law & Ethics**
The objective of this course is to develop some ideas of the legal and practical aspects of their profession
- 2. BTHU-101-18 English**
The objective of the course is to help the students become the independent users of English language
- 3. BTHU-102-18 English Laboratory**
The course is being taught to uplift the communication skills of the students.
- 4. BTHU103-18 English**
This course is to introduce in first semester to enable students to understand theory, fundamentals and tools of communication and develop in them vital communication skills which are integral to their personal, social and professional interactions.
- 5. BTHU104-18 English Practical**
The objective of this course is to introduce students to the theory, fundamentals and tools of communication
- 6. BMPDX02/X01/3X1-18 Mentoring and Professional Development**
This Course is introduced for development of Overall Personality, Aptitude (Technical and General), General Awareness (Current Affairs and GK), Communication Skills and Presentation Skills of the students with the help of outdoor activities and class activities.
- 7. PGCA 1905 Technical Communication**
The objective of this course is to introduce students to the theory, fundamentals and tools of communication which leads to develop in them vital communication skills which are integral to their personal, social and professional interactions.
- 8. PGCA 1908 Technical Communication Laboratory**
Students will become proficient in professional communication such as interviews, group discussions and business office environments, important reading skills as well as writing skills such as report writing, note taking etc.
- 9. PGCA 1961 Research/Technical Seminar**
Students may also submit project proposals not covered in the faculty provided list, which may be guided by the interested faculty members
- 10. PGCA 1962/MCA 606 Project**

The objective of the project course is to help the student develop ability to apply multidisciplinary concepts, tools and techniques to analyse and logically approach the organizational problems.

11. MCA 507 Industrial Training

This subject will guide students in developing applications to Automate basis path testing, Boundary value analysis, Dataflow testing, Branch and statement coverage, etc. Exposure to automated testing tools such as Rational test manager, Selenium, Load runner or any other similar tools.

12. BSBC101 Communication-I

The objective of this course is to make students understand that both oral & written communications are equally important. The students should be comfortable with both verbal & written communication.

13. BSBC201 Communication-II

The objective of this course is to make students understand the value of business communication, written & presentation skills in professional life. The students should be well equipped with business & written communication with effective presentation skills.

Environment and Sustainability:

1. EVS-101/102-18/EVSC 101 Environmental Sciences - Mandatory Course

This course enables the students to understand environmental problems at local and national level through literature and general awareness.

2. BTCE - 504-18 Environmental Engineering

The course aims to study the impact of humans on environment and environment on humans

3. OEE-103-18 Electrical Energy Conservation and Auditing

This subject is offered to the students to provide the Knowledge of the energy conservation/saving opportunities in different electric system.

4. BTEE-504D-18/ OEE-104-18 Renewable Energy Sources

This subject deals with the study of properties of different renewable energy sources and main elements of technical systems designed for utilization of renewable sources of energy.

5. OEE-203-18/ BTEE-603D-18 Wind and Solar Energy Systems

This subject deals with the energy scenario and the consequent growth of the power generation from renewable energy sources.