



B.S. Abdur Rahman

Crescent

Institute of Science & Technology
Deemed to be University u/s 3 of the UGC Act, 1956

CRITERION 7.1.15-HUMAN VALUES AND PROFESSIONAL ETHICS

DEPARTMENT OF INFORMATION TECHNOLOGY

S.No.	Course name	Course code	Values	Related topics
1.	Confidence building & Behavioural Skill	ENB2282	Human Values	Impromptu speech, Professionalism, Ownership of tasks, and Adaptability/flexibility.
2.	Career Building & People Skills	ENB3181	Human Values	Workplace skills, Presentation skills, Business presentations, Interpersonal relationships with colleague's clients.
3.	Social Entrepreneurship	MSB4182	Professional Ethics	Business model, Minimum Viable Product (MVP), Value Proposition Canvas (VPC), Lean canvas, Product-Market Fit, Project Management, Team building, Marketing, Continuous innovation, Innovation in social enterprises
4.	Leadership and CEO Training	MSC3181	Human Values & Professional Ethics	Leadership and management, Team leadership influencing skills, Decision making, CEO training, Leadership in Organizations, Leadership Intelligence

CRESCENT SCHOOL OF LAW

S.No.	Course Code	Course Name	Modules related to these points	Related topics
1.	BLC 3103	HUMAN RIGHTS	MODULE I	<p>General – Origin and development — The MagnaCarta – Bill of Right – Petition of Right – American Revolution – The French Revolution – Opposition to the concept of natural rights –</p> <p>United Nations Charter based institutions – Centre for Human Rights – United Nations Universal Declaration of Human Rights - specialized agencies – Origin and preparation of international bill of human rights – Adoption of the International Covenants on Human Rights and Protocols thereto – Universal Declaration of human rights – International covenant on economic, social and cultural rights – International covenant on civil and political rights – Instrumentality of enforcement of the covenants.</p>
			MODULE II	<p>A. The right to life, liberty and security of person – Provision of the United Nations Instruments – Right to life does not include right to die – Meaning and content of personal liberty in Article 21 – Second option protocol to the International Covenant on Civil and Political Rights – Problems of extra – legal execution – Abolition of slavery and slavery-like practice – Abolition of certain types forced or compulsory – Provisions of the United Nations instruments – ILO Forced Labour Convention 1930 and 1957 – Exploitation of Children: Article 24 of the Constitution.</p> <p>B. Protection against torture and other forms of</p>

				<p>cruelty Inhuman or degrading treatment or punishment – Constitution of the committee against torture – Protection of prisoners in India.</p> <p>C. Protection against arbitrary arrest and detention – provisions of international human rights instruments – Indian Constitution – Right to be produced before a Magistrate within 24 hours of his arrest – Right not to be detained beyond twenty four hours without the authority of Magistrate Preventive detention – Communication of the grounds of detention – Detenu’s right of representation – Subjective satisfaction of the detaining authority.</p> <p>D. Freedom of thought, Conscience and Religion or Belief-Provisions of the United Nations instruments – Conscientious objection to military service Conscientious objection to military of police service which were used to enforce apartheid – Elimination of intolerance and discrimination based on religion or belief – Freedom to manage religious affairs.</p>
			MODULE IV	<p>A. Rights of women – Objective equality – UN development fund of women – World conferences on women – Nairobi strategy.</p> <p>B. Rights of the Child – 1959 declaration – UN Children’s Fund – UNICEF Convention of right of the child – Right against exploitation – 1990 declaration.</p> <p>C. Rights of the disabled persons – Mentally retarded persons – Aged persons etc.</p> <p>D. Rights of minorities – National, ethnic, religious,</p>

				linguistic etc., E. Human rights Act, 1993 – National Human Rights Commission – India – Powers and functions
2	BLC 3204	Professional Ethics, Bar Bench Relations And Accountancy For Lawyers	MODULE I	Ethics, Need and Purpose, Accountancy for Lawyers, and Important decisions of Supreme Court, High Courts and Bar Council of India Disciplinary Proceedings.

MECHANICAL ENGINEERING

S.No.	Course name	Course code	Modules related to these points	Related topics
1	Industrial Sociology	SSCX05	Module IV	<ul style="list-style-type: none"> • Professional Ethics and Values

DEPARTMENT OF POLYMER ENGINEERING

S.No.	Course Name	Course Code	Modules related to these points	Related topics
1.	Sociology, Ethics and Human Values	SSB 1182	Modules I, II, III, IV, V and VI	<ul style="list-style-type: none"> • Fundamentals of Sociology • Sociology in Indian Context • Industrial Sociology • Industrial – Society Interface • Ethics and Human Values • Engineers and Society

CRESCENT SCHOOL OF PHARMACY

S.No.	Course Code	Course Name	Modules	Category
1	BP505T	Pharmaceutical Jurisprudence	5	Gender Human Values and Professional Ethics
2	BP703T	Pharmacy Practice	1,2,3,4 &5	Human Values and Professional Ethics
3	BP802	Social and Preventive Pharmacy	1, 2, 3 & 5 4	Human Values Gender
4	BP803ET	Pharma Marketing Management	1,2,3,4&5	Professional Ethics
5	BP809ET	Cosmetic Science	1,2,3,4&5	Human Values

**SCHOOL OF INFRASTRUCTURE
DEPARTMENT OF CIVIL ENGINEERING
2017 - Regulation**

S.No	Course code	Course name	Modules related to these points	Related topics
1.	MSC3181	Leadership and COE Training	Module I, II, III, IV and V	Human Values and Professional Ethics
2.	MSC3182	Social Entrepreneurship	Module I, II and VI	Human Values and Professional Ethics
3.	ENC3181	Communication and soft Skill - I – Career Choice	Module I, II, III, IV and V	Human Values and Professional Ethics
4.	ENC3281	Communication and soft Skill – II – Confidence Building	Module I, III, IV and V	Human Values and Professional Ethics
5.	CECX04	Safety in Construction	Module I and II	Human Values and Professional Ethics
6.	CECX37	Engineering Ethics	Module I to VI	Human Values and Professional Ethics

2013 - Regulation

S.No	Course code	Course name	Modules related to these points	Related topics
1.	CEBX35	Engineering Ethics	Module I to VI	Human Values and Professional Ethics
2.	MSB3181	Management of Business Organization	Module I to VI	Human Values and Professional Ethics
3.	ENB3181	Career Building and People skill	Module I to VI	Human Values and Professional Ethics
4.	ENB2282	Confidence Building & Behavioral skill	Module I to VI	Human Values and Professional Ethics
5.	SSB2181	Law for Engineers	Module I to VI	Human Values and Professional Ethics
6.	SSB1182	Sociology, Ethics and Human Values	Module I to VI	Human Values and Professional Ethics
			Module II	Gender

Department: Chemistry

S.No.	Course Name	Course Code	Modules Related to these Points	Related topics
1.	Environmental studies	GEC1212	Module 4 Human Population, Health and Social Issues	Environment and Sustainability, Gender & Human Values
2.	Environmental Science and Engineering	GEB3201	Module 6 Environmental Impact Assessment and Sustainability	Environment and Sustainability & Human Values

DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING

S.No.	Course name	Course code	Modules related to these points	Related topics
1.	Environmental Studies	GEC1212	Modules 2, 3 &4	Environment, Human Values and Professional Ethics
2.	Leadership and CEO Training	MSC3181	Modules 2, 3,4&5	Human Values and Professional Ethics

MODULE V ETHICAL RIGHTS

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Professional Rights – Employee Rights – Intellectual Property Rights (IPR) – Discrimination

MODULE VI GLOBAL ISSUES

8

Multinational Corporations – Business Ethics - Environmental Ethics – Computer Ethics – Role in Technological Development – Weapons Development – Engineers as Managers – Consulting Engineers – Engineers as Expert Witnesses and Advisors – Honesty – Moral Leadership – Sample Code of Conduct.

Total Hours: 45

REFERENCES:

1. Mike Martin and Roland Schinzinger, "Ethics in Engineering", McGraw Hill, New York, 2005.
2. Charles E. Harris, Michael S. Pritchard and Michael J. Rabins, "Engineering Ethics Concepts and Cases", Thompson Learning, Belmont, CA, 2000.
3. Charles D. Fleddermann, "Engineering Ethics", Prentice Hall, New Mexico, 1999.
4. John R. Boatright, "Ethics and the Conduct of Business", Pearson Education, 2003.
5. Edmund G. Seebauer and Robert L. Barry, "Fundamentals of Ethics for Scientists and Engineers", Oxford University Press, New York, 2001.
6. Bajaj, P.S., and Raj Agrawal, "Business Ethics – An Indian Perspective", Biztantra, New Delhi, 2004.
7. David Ermann and Michele S. Shauf, "Computers, Ethics and Society", Oxford University Press, New York, 2003.

OUTCOMES:

At the end of the course, the students will

- be able to identify the core values that shape the ethical behavior of an engineer.
- be aware of the ethical concerns and conflicts.
- be able to handle ethical dilemmas in a better way.

ENB2282 CONFIDENCE BUILDING AND BEHAVIORAL SKILLS

OBJECTIVE: To enable the students to develop communication skills for verbal communication in the work place.

TOPICS OUTLINE: This course is practical oriented one and exercises will be given to the students group users /individually depending upon the aspect considered. The following aspect will form the broad outline content of the syllabi. The exercises will be designed by the faculty member and coordinated by the overall course coordinator.

LAB ACTIVITIES: • Introduction: Soft skills definition, examples • Verbal communication: Case study, communication and discussion • Prepared speech • Impromptu speech • Debate: Case studies -Attitude and Behavior: role play and exploration • Ability to ask for help - communication and teamwork • Manners and etiquette • Organization and Planning • Time keeping • Conduct in workplace • Conscientiousness • Work output • Professionalism • Motivation • Ownership of tasks • Adaptability/flexibility

ASSESSMENT: The assessment will be continuous and portfolio based. The students must produce the record of the work done through the course of the semester in the individual classes. The portfolio may consist of a) the individual task outline and activities, b) worked out activities c) Pre-designed sheets which maybe provided by the Faculty member. The portfolio will be used by the Faculty member for assessment. The course coordinator in consultation with the course committee shall decide at the beginning of the semester, the number of exercises, method of assessment of each and the weightage for the end semester assessment.

OUTCOMES: The students should be able to: • develop verbal communication skills. • debate with other students confidently • communicate effectively their ideas.

B.Tech. Civil Engineering

3	EC	CEB3213	Geotechnical Engineering II	3	0	0	3
4	MS	MSB3181	Management of Business Organization	3	0	0	3
5	PE		Professional Elective II	3	0	0	3
6	PE		Professional Elective III	3	0	0	3
7	EC	CEB3214	Computer Modeling and Structural Design Laboratory	0	0	3	1
8	EC	CEB3215	Seminar	0	0	2	1
9	EC	CEB3216	Survey & Soil Investigation Camp	0	0	3	1
							23

SEMESTER VII

Sl. No.	Course Group	Course Code	Course Title	L	T	P	C
1	EC	CEB4101	Prestressed Concrete	3	0	0	3
2	EC	CEB4102	Estimation & Costing	3	0	0	3
3	EC	CEB4103	Construction Management	3	0	0	3
4	EC	CEB4104	Remote Sensing & GIS	3	0	0	3
5	EC	CEB4105	Irrigation Engineering	3	0	0	3
6	PE		Professional Elective IV	3	0	0	3
7	GE		General Elective I	3	0	0	3
8	EC	CEB4106	Design Project	0	0	3	1
9	EC	CEB4107	Irrigation & Environmental Engineering Drawing	0	0	3	1
10	EC	CEB4108	Geographic Information Systems Laboratory	0	0	3	1
11	EC	CEB4109	Industrial Internship	0	0	*	2**
							26

*30 days

** Industrial training will be undertaken during third year summer vacation. The credit will be awarded in the 7th Semester.

SEMESTER VIII

Sl. No.	Course Group	Course Code	Course Title	L	T	P	C
1	PE		Professional Elective V	3	0	0	3
2	GE		General Elective II	3	0	0	3
3	EC	CEB4211	Project	0	0	18	9
							15

Total Credits : 185

PROFESSIONAL ELECTIVES

Sl. No.	Course Group	Course Code	Course Title
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STRUCTURAL ENGINEERING & GEOTECHNICAL ENGINEERING

1.	PE	CEBX01	Bridge Engineering
2.	PE	CEBX02	Earthquake Engineering
3.	PE	CEBX03	Spatial Structures
4.	PE	CEBX04	Industrial Structures
5.	PE	CEBX05	Repair and Rehabilitation of Structures
6.	PE	CEBX06	Tall Structures
7.	PE	CEBX07	Advanced Concrete Design
8.	PE	CEBX08	Offshore Structures
9.	PE	CEBX09	Ground Improvement Techniques
10.	PE	CEBX10	Design of Machine Foundation

WATER RESOURCES & ENVIRONMENTAL ENGINEERING

1.	PE	CEBX11	Hydrology
2.	PE	CEBX12	Hydraulic Structures
3.	PE	CEBX13	Coastal Engineering
4.	PE	CEBX14	Dam Engineering
5.	PE	CEBX15	Air Pollution and Control
6.	PE	CEBX16	Solid Waste Management
7.	PE	CEBX17	Industrial Waste Treatment
8.	PE	CEBX18	Hazardous Waste Management
9.	PE	CEBX19	Environmental Impact Assessment
10.	PE	CEBX20	Environmental Geotechnology

TRANSPORTATION ENGINEERING & GIS

1.	PE	CEBX21	Traffic Engineering
2.	PE	CEBX22	Pavement Design
3.	PE	CEBX23	Modern Surveying
4.	PE	CEBX24	GIS and its Applications
5.	PE	CEBX25	Geodesy

OTHER ELECTIVES

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| 1. | PE | CEBX31 | Housing, Planning and Management |
| 2. | PE | CEBX32 | Building Services |
| 3. | PE | CEBX33 | Urban Engineering and Architecture |
| 4. | PE | CEBX34 | Principles of Architecture |
| 5. | PE | CEBX35 | Engineering Ethics |
| 6. | PE | CEBX36 | Entrepreneurship for Infrastructure Engineers |