



IIRW's

## International Centre of Excellence in Engineering and Management

Gut No.4, Opposite Bajaj Auto Ltd, Aurangabad-Pune Highway, Aurangabad 431136. (M.S.)

Tel.: 0240-2558101-10, Fax: 0240-2558111; E-mail: [director@iccemabad.com](mailto:director@iccemabad.com), Website: [www.iccemabad.com](http://www.iccemabad.com)

### 7.1.15: The institution offers a course on Human Values and professional ethics

Sr. No.	Description of critical issue	Title of the course wherein issue addressed	Unit/Chapter No.
	Value based education	MANB415: Indian Ethos and Values	1. Morals and values 2. Values in business 3. Professional ethics of a manager 4. Indian leaders on business ethics Corporate governance
2	Organizational behaviour	MANB401: Management Practices and Organization behaviour	1. Values & attitudes of an individual in organization 2. Decision making 3. Emotional Intelligence Corporate Social responsibility





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4	Environment awareness	MANB406: Environment management	<ol style="list-style-type: none"> <li>1. Sustainable development</li> <li>2. Energy management</li> <li>3. EMS standards</li> <li>4. Environment ethics and laws</li> </ol> <p>Waste management</p>
5	Employability skills	MANB407: Managerial skill development	<ol style="list-style-type: none"> <li>1. Attitude for performance</li> <li>2. Self management tools</li> </ol>
6	Legal aspects of system	CSE471: Computer System security and laws	
7	Environment science	CED352: Environmental Engineering	<ol style="list-style-type: none"> <li>1. Quality parameters of water treatment</li> <li>2. Sources of pollution</li> </ol>
8	Human Rights	IC001: Introduction to the Indian Constitution	<ol style="list-style-type: none"> <li>1. Fundamental Rights</li> <li>2. Organs of Governance</li> </ol>

Director



**Subject Title** : Indian Ethos & Values  
**Subject Ref. No.** : MANB415

**No. of Credits** : 2  
**No. of Periods / Week** : 2  
**Assignments / Sessionals** : 10  
**Semester Examination** : 40

**Unit I** Fundamentals & Conceptualization: Morals – Ethics – Values, Indian Heritage on Ethics, Fundamental principles of Ethics-Values in Business, Need for values in Global change,

**Unit II** Professional Ethics of a Manager, Indian Leaders on Business Ethics. Societal Aspect of Ethics & Corporate Governance: Corporate Social Responsibility & corporate Governance, Corporate Global Citizenship.

**Reference Books**

1. Mishra “Business Ethics”, Tata McGraw Hill
2. Chakraborty, S.K.: Foundation of Managerial work-Contribution from Indian Thought, Himalaya Publishing House Delhi 1998.
3. Biswanath Ghose, Indian Ethos & Values, Vikas Publishing,2008.
- 4.S.A. Sherlekar, Global Dharimic Management, Himalaya Publication House, 2nd Edition 2005.
5. CVS Murthy, Business Ethics, Himalaya Publishing House, 2006
6. N.M. Khandelwal, Indian Ethnos & values for Manager, Himalaya

**Subject Title** : Environment Management

**Subject Ref. No.** : MANB406

**No. of Credits** : 2  
**No. of Periods / Week** : 2  
**Assignments /  
Sessional** : 10  
**Semester** : 40  
**Examination**

**Course Objective** : UNs Resolution for 2010 & the World Millennium Goals have Environment & Sustainable Development as the core objective. The course is designed to make the budding managers sensitized to Environment along with developing an understanding of inclusive & sustainable growth; thereby creating Managers that cater to the societal demands along with the organizational priorities.

**Unit – I** : Environment Management: Fundamentals-Sustainable Development, Implications of human population growth, Limits to growth, Environment and Business Schools.

**Unit – II** : Energy Management-Fossil Fuels use, Nuclear – Wind – Hydro Energy, Bio-fuel; Recycling Industry; Ecosystem Concepts; Ecology: Industrial Ecology, Agro-ecology.

**Unit – III** : Environment Management System; EMS Standards; Audit Scheme; Clearance/Permissions for establishing industry; Carbon Credit.

**Unit – IV** : Environmental Management and Valuation: Environmental Accounting, Green Funding, Green Banking; Environment Ethics; Environmental Health & Protection; GATT/ WTO Provisions; Environmental Law.

**Unit – V** : Pollution and Waste Management- Air, Water, Noise & Land Pollution; Waste Management; Biodiversity Management; forest products and Trade; Global-warming; Bharat Stage – II & Euro – II; Role of NGO's.



## MBA First Semester

<b>Subject Title</b>	: Management Practices & Organizational Behavior		
<b>Subject Ref. No.</b>	: MANB401	<b>No. of Credits</b>	: 4
		<b>No. of Periods / Week</b>	: 4
		<b>Assignments / Sessional</b>	: 20
		<b>Semester Examination</b>	: 80
<b>Course Objective</b>	: The Subject intends to empower the students to understand the nuances of Organizational Functioning with special reference to Human Behavior, Group Dynamics, Organizational Learning & thereon; thereby making them capable of working in an organizational set-up.		
<b>Pre Requisite</b>	: The students are expected to be prepared with the theoretical aspects of the same, so that the mentor could facilitate the minds to absorb its practical aspects.		
<b>Unit – I</b>	: <b>Genesis of Management Thought &amp; Conceptualization:</b> Understanding of Management Concepts, Evolution of Management Thought, Systems and Contingency Approach for understanding organizations, Managerial Processes, Functions, Skills & roles of a Manager in an organization; Management by Objectives (MBO).		
<b>Unit – II</b>	: <b>Management of Individual Behavior in Organization - I:</b> Personality, Perceptions, Values, Attitudes, Learning.		
<b>Unit – III</b>	: <b>Management of Individual Behavior in Organization - II:</b> Work motivation & Employee Engagement, Individual decision making & problem solving		
<b>Unit – IV</b>	: <b>Group Dynamics:</b> Corporate Leadership, Emotional Intelligence, Understanding & managing group processes-Interpersonal and Group Dynamics - Communication, Group Decision-making, Organizational Design & Structure, Recreation & Work Stress		
<b>Unit – V</b>	: <b>Society vis-à-vis Organization:</b> Corporate Social Responsibility; Corporate Global Citizenship in the wake of Globalization		
<b>Text Books</b>	: <ol style="list-style-type: none"> <li>1. Luthans, F. <i>Organizational Behaviour</i>, 7<sup>th</sup> ed., New York, McGraw Hill, 1995.</li> <li>2. Robbins, S.P. <i>Management</i>, 5<sup>th</sup> ed., New Jersey, Englewood Cliffs, Prentice Hall Inc., 1996.</li> <li>Robbins, S.P. <i>Organizational Behaviour</i>, 7<sup>th</sup> ed., New Delhi, Prentice hall of India, 1996</li> </ol>		
<b>Additional Reference Books</b>	: <ol style="list-style-type: none"> <li>1. Koonz, H. and Weachirch, H. <i>Management</i>. 10<sup>th</sup> ed., New York, McGraw Hill, 1995.</li> <li>2. Goleman, Daniel <i>Emotional Intelligence</i>,</li> <li>3. Harvard Business Review's Leadership Manual</li> </ol> <p><a href="http://www.hbpr.com">www.hbpr.com</a></p>		

**Dr.Babasaheb Ambedkar Marathwada University, Aurangabad**  
(Faculty of Science & Technology)  
Syllabus of T.E. (ETC/EC/E&C/IE) Semester-V

**Course Code: BSH305**

**Title: Communication Skill-II**

**Teaching Scheme**  
**Theory: 02Hours/Week**

**Examination Scheme**  
**Term Work: 50 Marks**

**Credits:02**

<b>Prerequisites</b>	:	1. Basic Knowledge of Soft Skills 2. Good understanding of English
<b>Objectives</b>	:	1. To imbibe leadership skills 2. To develop interpersonal Skills 3. To introduce corporate etiquettes 4. To imbibe team skills
<b>Unit-I</b>	:	<b>Understanding self and Goal Setting</b> Self-Assessment: Understanding Self Core Competency (SWOT/SWOC), Long term and short-term Goal Setting, Execution Skills <b>(5 Hours)</b>
<b>Unit-II</b>	:	<b>Interpersonal Skills</b> Interpersonal Communication, Conflict Management, Problem Solving, Decision Making, Persuasion and Influence <b>(6 Hours)</b>
<b>Unit-III</b>	:	<b>Group Dynamics and Team Building</b> Group Vs Team, Team Building, Team Work,Developing Leadership Skills <b>(4 Hours)</b>
<b>Unit-IV</b>	:	<b>Corporate Etiquette</b> Clothing Etiquette, Personal hygiene and grooming, Time Management, Influencing Skills (Impression), Balancing personal and professional Life, Ethics, Values and Laws <b>(5 Hours)</b>
<b>Reference Books</b>	:	<b>Text Book:</b> 1. The Ace of Soft Skills (Gopalaswamy Ramesh) Pearson Publication  <b>Reference Books:</b> 1. Execution; :Ram Charan (Publisher: Crown Business; 1 edition (June 15, 2002) Language: EnglishISBN-10: 0609610570ISBN-13: 978-0609610572  2. Laws of Teamwork : John C Maxwell  3. Master of Business Etiquette: Cyrus Gonda (Author: Cyrus Gonda, Publisher EMBASSY BOOKS, 2017, ISBN 9385492721, 9789385492723)

## CED352: Environmental Engineering-I

### Teaching Scheme

Theory: 04 Hrs / Week

### Examination Scheme

Theory: 80 Marks,

Class test: 20 Marks

#### Unit I

**Air Pollution:** Definition, Statement of problems, Sources of air pollution, Types and classification of air pollutant, general physico-chemical properties of atmosphere, various layers of atmosphere and their importance, atmospheric stability, mixing height, atmospheric diffusion theories, stack height design, Gaussian dispersion model estimation of ground level concentration, effect of air pollution on health man animal and vegetation and materials, photochemical smog, green house effect, acid rain.

#### Unit II

Air pollution control equipments (scrubber, cyclones electrostatic precipitator, louver type separator), Sources of smoke and smoke measurement by ringelmann's methods.

#### Unit III

Air pollution legislation and regulation, air quality standards, emission standards, air (prevention and control of pollution, environmental impact assessment.

#### Unit IV

**Water Supply Engineering:** Introduction to water supply scheme, data collection for water supply scheme, components and layout, design period, factors affecting design period.

Intake structure – river, canal, well, design of rising main, design of pumping station, Water demand, water system losses, factors affecting rate of water demand, population forecasting water quality standards and tests as per Indian standard.

#### Unit V

Quality parameters of raw water, water treatments – principle of water treatments process introduction to different water treatment flow sheets, Aeration – principle and concept necessity methods removal of taste and odour, Design of aeration fountain, Sedimentation, plain and chemically assisted – sedimentation principal settling velocity, efficiency of an ideal settling basin types of sedimentation tank design of sedimentation tank, sedimentation with coagulation, theory and types of coagulants, mean velocity gradient, design of flocculation chamber, design of clariflocculators.

#### Unit VI

**Filtration:** Theory of filtration, mechanism of filtration, filter materials, types of filters- rapid, slow sand and pressure filter, design of rapid sand filter, cleaning of filter, operational trouble

**Disinfection:** Theory, factors affecting, disinfect types, disinfection, chlorination demand, methods of chlorination (break point chlorination), ground water recharge.