



Criteria 1

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

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	- MBA Department
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2	Students Photograph
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4	List of web Links for Sessions on Human Values, Environment and Sustainability
5	List of Books on Human Rights




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List of Courses Relevant to Cross Cutting Issue
Cross Cutting Issues- Professional Ethics, Gender, Human Values,
Environment and Sustainability

MCA Department

Sr. No	Course Code	Course Name	List of Courses Relevant to Cross Cutting Issues
1	IT-22	Software Project Management	Environment and Sustainability
2	MT-21	Optimization Technique	Environment and Sustainability
3	IT-33	Software Testing and Quality Assurance	Environment and Sustainability
4	BM41	PPM and OB	Professional Ethics Human Values
5	SS11	Soft Skills I	Professional Ethics Human Values
6	SS21	Soft Skills II	Professional Ethics Human Values
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10	CS III	Cyber Security III	Professional Ethics Human Values
11	HR I	Human Values I	Professional Ethics Human Values
12	HR II	Human Values II	Professional Ethics Human Values
13	HR III	Human Values III	Professional Ethics Human Values



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Zeal Institute of Business Administration, Computer Application & Research (ZIBACAR)

Sr. No. 39, Narhe, Pune-411041, Phone No. 367206031, Website: www.zibacar.in

(Approved by A.I.C.T.E., Recognized by DTE (Govt. of Maharashtra) and Affiliated to Savitribai Phule Pune University)

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

Sr. No.	Course	Cross cutting issue relevant to	Implication
1	Fundamentals of Computer	Environmental Sustainability	Motivated students and faculties to use digital media for course material. How different generation computers helps in energy conservation.
2	C Programming with Data Structure	Human Values & Professional Ethics	Addressed the working of stack, queue by correlating Human Values and Professional Ethics
3	Software Engineering	Professional Ethics	Software Engineering course deals with design of Software Requirements Specification (SRS) which is a comprehensive description of the intended purpose and environment for software under development. The SRS fully describes what the software will do and how it will be expected to perform. Methods of defining SRS are described by the IEEE (Institute of Electrical and Electronics Engineers) specification 830-1998. The IEEE is a professional body which regulates their own ethics in Software development with regard to SRS development.
4	Database Management System	Human Values	Addressed cardinality concepts using human values and family relations
5	Principles and Practices of Management and Organizational Behavior	Gender & Human Values & Professional Ethics	Addresses management principles in the organization and gender independent roles in team building, leadership. Encouragement is given to the students to explore the moral point of view and to develop a



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			personal value system. Addresses Personal Values like Dignity of Labour, Sensitivity, Cleanliness, Politeness, Honesty.
6	Business Process Domains	Human Values & Professional Ethics	Course implies processes and practices in business and their applications
7	Soft Skill – Word Power	Human Values	Addresses vocabulary of English and competency for business English
8	Essentials of Networking	Professional Ethics	Addresses different Network communication standards used worldwide, communication types and barrier
9	Discrete Mathematics	Human values	Correlates logic and relations with ethical human values like do & don'ts, AND & OR
10	Essentials of Marketing	Professional Ethics	Helps to figure out the functionalities of Marketing and IT enabled practices for organizations
11	Soft Skill - Oral Communication	Human Values & Professional Ethics	Course focus on conversation with colleagues, Dialogues with Higher authorities
12	Probability & Combinatorics	Human Values & Professional Ethics	Helps to Count similar things in sophisticated ways & Correlates mathematical underpinnings of probability with human values & professional ethics
13	Multimedia Tools for Presentation	Professional Ethics	Various multimedia tools and software to make the presentation effective
14	Soft Skill – Presentation	Professional Ethics	Addresses presentation skills needed in business presentations
15	Design And Analysis of Algorithm	Gender & Human Values	Addresses Space & time complexity importance for a software and correlates with gender equity chance given by god to achieve the life set position.
16	Advance Internet Technologies	Professional Ethics	Provide extension to web development skills for student to enhance their skills
17	IT Infrastructure Architecture	Professional Ethics	Addresses students to acquire knowledge of advance computer architecture & infrastructure requirement to



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			startup a IT organization
18	Data Centre Architecture & Storage Management	Environmental Sustainability	Focuses Layout of datacenters, cooling system options and environmental control, Fire Protection and Security Systems
19	Introduction to Information Security	Human Values & Professional Ethics	Addresses on do and don'ts in using computer systems which correlates human and professional values
20	Office Automation Tools	Professional Ethics	Gives in-depth look on automation tools and its applications in the various areas of business
21	Enterprise Resource Planning	Human Values & Professional Ethics	Implies the importance of Centralized processing system with distributed and correlates the same with human values
22	Data Communication & Computer Networks	Professional Ethics	Gives exposure to various computer networks, technologies behind networks and application protocols, e-mail and communication protocols along with advance network technologies like LTE, Cloud computing, Grid computing
23	Data Warehouse, Mining, BI Tools & applications	Professional Ethics	Reveals importance of BI in emerging world by getting familiar with the data-warehousing and data mining techniques
24	Information Security & Audit	Professional Ethics	Addresses about values of Information and how the Information security practices are meticulously implemented in IT companies worldwide
25	Network Administration I	Gender & Professional Ethics	Offer fundamental knowledge about the network administration and also gives equal opportunity to male as well as female in network administration
26	Windows Server Configurations	Gender & Professional Ethics	Put forward complete knowledge of windows server configuration & prepare the students for certification like MCITP (Microsoft Certified IT Professional)
27	IT Infrastructure	Professional Ethics	Gives knowledge of project and operations management



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	Monitoring		
28	Linux Administration I	Professional Ethics	Aware the installation, basic configuration and file system
29	Optimization Techniques	Human Values	Optimum utilization of resources and optimum schedules & path calculations, also helps to solve real life / simulated problems
30	Research Methodology & Statistical Tools	Gender, Human Values & Professional Ethics	Helps to understand and solve real life problems scientifically & improves the decision making ability with the evidence of statistical techniques.
31	Soft Skills -Interview	Gender equity & Professional Ethics	Helps students to prepare for mock interviews with preparation of resumes & CV and for interviews.
32	Advanced Java	Professional Ethics	Empowers students in doing socket programming & develop server side applications
33	Python programming	Professional Ethics	Boosts students to implement concepts of object oriented methodology
34	Advance DBMS	Professional Ethics	Gain an awareness of the basic issues in objected oriented data models, applications, familiarize with the data-warehousing and data-mining techniques
35	Cloud Computing	Professional Ethics	Students adopt the skills and knowledge to understand how Cloud Computing Architecture can enable transformation, business development and agility in an organization.
36	Identity and Access Management	Professional Ethics	Intended to understand how IDA solutions are implemented in Windows Server 2008.
37	IT Advisory Services	Gender equity & Professional Ethics	Students with the knowledge, skills were encourages for budding business model as IT Advisor.
38	Infrastructure Security Audit	Professional Ethics	Students get aware about IT Security standards practices practicing globally
39	E Commerce & Knowledge	Gender equity &	Students get exposure about different areas were e-



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	Management	Professional Ethics	commerce plays vital role and also creates affinity to participate in e-business activities.
40	Cyber Laws & Intellectual Property Rights	Gender equity & Professional Ethics	Aspirant gets knowledge about Cyber Crime, its types and the IT Act and Cyber laws, also get motivated to work as legal advisor in cyber world by getting relevant degree
41	Customer Relationship Mgmt & Supply Chain Mgmt	Professional Ethics	Students recognize how IT is an enabler for SCM and CRM. Also functionalities of CRM in service sector
42	Software Quality Assurance & Control	Professional Ethics	Students got exposure about different Software Quality standards like ISO 9000 & Six Sigma
43	Network Administration II	Professional Ethics	Advanced knowledge about the network administration on VLAN, IP Routing, OSPF, IGRP, EIGRP etc
44	Wireless Networks	Professional Ethics	Addresses IEEE 802.11, 3G, 4G evolutions used in wireless communication
45	Software Project Management	Professional Ethics	Focuses process of software project management, cost estimation, use of project Management tools, configuration management, user roles and software teams
46	Project	Environmental Sustainability & Professional Ethics	Allowed students to take printout of both side of page, also instead of submitting 3 hard copies of project; permitted to submit only 2 hard copies and one soft copy. Also permitted to submit synopsis in soft copy. Students get exposure about practical implementation of professional ethics learnt through varied courses
47	Soft Skills - Group Discussion	Gender equity & Professional Ethics	Team building, Team briefing, Role of Team leader, Conflict resolution, Methodology of Group discussions, Role Functions in Group Discussion, Improving group performance, Mock group discussions



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48	ASP .Net using C#	Gender equity & Professional Ethics	Student gets ready to learn application development technology and may start their own business.
49	Service Oriented Architecture	Gender equity & Professional Ethics	Helps to learn technology underlying the service design & various WS specification standards
50	Quality verification	Professional Ethics	Awareness about the quality parameters and measures like ISO 9001, ISO 27001, LISA, EISA,
51	Infrastructure Auditing & Implementation	Gender equity & Professional Ethics	Students with the knowledge, skills of Infrastructure Auditing get motivated to face the global challenges that one might foresee in any venture.
52	IT Service Management	Professional Ethics	Helps to extend the knowledge scope from Technique to Management, and from Software Engineering to Service Science
53	Digital and e-business Infrastructure and security mechanism	Professional Ethics	Knowledge of E-commerce and digital payments
54	Entrepreneurship Development	Gender equity & Professional Ethics	Promoted and encourages students to learn process of starting enterprise and different professional ethics to be follow.
55	Project	Environmental Sustainability	Allowed students to take printout of both side of page, also instead of submitting 3 hard copies of project; permitted to submit only 2 hard copies and one soft copy. Also permitted to submit synopsis in soft copy. Students get exposure about practical implementation of professional ethics learnt through varied courses




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Program Name: MCA
Course Name: Optimization Technique
Course Code: MT-21

Course Contents

Prerequisite:

Basic Software Engineering process

Course Objectives:

1. To learn process of Software Project Management.
2. To Study role of Project Manager in Project Management.
3. To learn Agile Project Management Framework.
4. To study various role of Agile Team and Tools.
5. To understand project planning and tracking.

Course Outcomes:

Student will be able to

- CO1: Understand the process of Software Project Management Framework and Apply estimation techniques. (Apply)
- CO2: Learn the philosophy, principles and lifecycle of an agile project. (Understand)
- CO3: Demonstrate Agile Teams and Tools and Apply agile project constraints and trade-offs for estimating project size and schedule (Apply)
- CO4: Explain Project Tracking and Interpretation of Progress Report (Understand)
- CO5: Analyze Problem statement and evaluate User Stories (Analyze)

Course Structure:

1. Linear Project Management Framework

- 1.1 Overview of project Management
- 1.2 Project management life cycle-IEEE Life Cycle
- 1.3 Project Management Process
- 1.4 Role of Project Manager
- 1.5 Quality Metrics
- 1.6 Risk Management Process (Case Study Based)
 - 1.6.1 Risk Identification
 - 1.6.2 Risk Analysis
 - 1.6.3 Risk Mitigation
 - 1.6.4 RMMM
- 1.7 Hands on MS Project Tool– Resource Allocation, Scheduling, Gantt chart

2. Linear Software Project Estimation:

- 2.1 Different methods of Cost estimation





2.1.1 COCOMO-I & II model (Problem Statement)

2.1.2 Delphi cost estimation

2.2 Function Point Analysis (Problem Statement)

2.3 The SEI Capability Maturity Model CMM

2.4 Software Configuration management

Note:

Case studies/Numerical Problems based on COCOMO-I and FPA

Extra Reading:

KLOC, Rayleigh Curve, Change Management, Configuration management tool - SVN Tool or Redmine

3. Agile Project Management Framework

3.1 Introduction and Definition Agile, Agile Project Life Cycle

3.2 Agile Manifesto: History of Agile and Agile Principles

3.3 Key Agile Concepts:

3.3.1 User stories, Story points

3.3.2 Product Backlog

3.3.3 Sprint Backlog,

3.3.4 Sprint Velocity

3.3.5 Swim lanes

3.3.6 Minimum Viable Product (MVP)

3.3.7 Version and Release

3.4 Agile Project Management v/s Traditional Project Management

Note:

Case studies based on agile vs. traditional project

Extra Reading:

Study Scrum Agile Framework, Agile project management delivery & methodology framework, Software project team management and different team structures

4 Agile Teams, Size and Schedule

4.1 Dynamic System Development Method

4.2 Value-Driven Development

4.3 Team and roles of an Agile Team

4.3.1 Scrum Master

4.3.2 Product Owner

4.3.3 Development Team

4.4 Product Vision and Product Roadmap

4.5 Project Objective and Key Metrics

4.6 Introduction to User Stories

4.7 Estimate the Product Backlog

4.8 Techniques for estimating Story Points

4.9 Plan Product Releases

4.10 Product Prioritization





Note:

Case studies based on Estimation of Product backlog & Story points, design your team and Add screenshots with the caption, Design User stories, log efforts and task in detail

Extra Reading:

Personnel Management, Release & iteration planning, extreme Programming (XP), Values and Principles, Team Dynamics and Collaboration

5. Tracking Agile Project and Reports

5.1 Introduction

5.2 Plan and Execute Iteration

5.3 Facilitate Retrospective, Making Team Decisions and Closing out Retrospective

5.4 Agile Reports

5.4.1 Daily Reports

5.4.2 Sprint Burn down Chart and Reports

5.5 Benefits of Agile Project Management

Note: Case studies based on No. of iterations and Project Report, Sprint Chart

Extra Reading: Use of MS Project to track agile project, Agile project management tools, Feature-Driven Development, Agile Metrics

6. Implementation with Agile Tools

6.1 Introduction of Agile Tools

6.2 Hands on GitHub

6.2.1 Create Project using Kanban

6.2.2 Project Repositories

6.2.3 Continuous Integration

6.2.4 Project Backlog

6.2.5 Team Management

6.2.6 Progress Tracking

6.2.7 Releases

6.3 Implementation of Problem statement with Agile Tools- GitHub

6.3.1 Designing Product Vision, Product Backlog,

6.3.2 Sprint Backlog, Estimate Story Points

6.3.3 Iteration Release

Note:

Case study on design of product vision & backlog with features and user stories, Estimation of story points, Design Iteration Plan, Iteration progress and close iteration in detail

Extra Reading:

Agile modelling, Explore various Agile Tools

List of Practical's (if any)

1. Design Project Management plan template by using MS-Project tool. (Resource allocation, Scheduling, Cost Calculation and Gantt Chart)





2. Create project plan using agile methodologies for the development of web page of Library Management System as a minimum viable product using 3 resources as per sprint planning.
3. Calculate the effort to execute the task and prioritize the task to execute in the current sprint and keep rest of the task in backlog.
4. Demo of the task developed by the developer in the Sprint.
5. Retrospective to discuss about the short coming and improvement of the design and execution of the Sprint task.
6. Check in the developed code in the GitHub repository.





Program Name: MCA
Course Name: Software Project Management
Course Code: IT-22

Course Contents

Prerequisite:

Basic mathematical knowledge is essentials.

Course Objectives:

1. To understand the role and principles of optimization techniques in business world.
2. To understand the process of problem statement formulation of the business scenario.
3. To understand the implementation of various decision-making techniques in the process of decision making.
4. To gain the techniques and skills on how to use optimization techniques to support the decision making in business world.

Course Outcomes:

Student will be able to

CO1: Understand the role and principles of optimization techniques in business world (Understand)

CO2: Demonstrate specific optimization technique for effective decision making (Apply)

CO3: Apply the optimization techniques in business environments (Apply)

CO4: Illustrate and infer for the business scenario (Analyze)

CO5: Analyze the optimization techniques in strategic planning for optimal gain. (Analyze)

Course Structure:

1. Linear Programming

1.1. Various definitions, statements of basic theorems and properties, Advantages and Limitations, 1.2. Application areas of Linear programming

1.3. Linear Programming – Concept

1.4. Simplex Method and Problems

1.5. Two Phase Simplex Method and problems,

Note:

Case study-based problems

Extra Readings:

Formulation of Linear programming, Solution of LPP using Graphical method

2. Markov Chains & Simulation Techniques:





- 2.1 Markov chains: Applications related to technical functional areas,
- 2.2 Steady state Probabilities and its implications,
- 2.3 Decision making based on the inferences Monte Carlo Simulation.

Extra Readings:

Application of Markov chain in Queuing theory, Simulation techniques used in Machine learning and bioinformatics

3. Sequential model and related Problems

- 3.1 Processing n jobs through 2 machines
- 3.2 Processing n jobs through 3 machines
- 3.3 Processing n jobs through m machine

Extra Readings:

Processing of n jobs through m machines

4. PERT & CPM

- 4.1 Basic differences between PERT and CPM.
- 4.2 Network diagram
- 4.3 Time estimates (Forward Pass Computation, Backward Pass Computation
- 4.4 Critical Path
- 4.5 Probability of meeting scheduled date of completion,
- 4.6 Calculation on CPM network.
- 4.7 Various floats for activities
- 4.8 Event Slack
- 4.9 Calculation on PERT network.
- 4.10 Application of schedule based on cost analysis and crashing
- 4.11 Case study-based problems

Extra Readings:

Optimal Cost estimation by crashing the network, Explore the MS Project tool.

5. Game Theory

- 5.1 Introduction
- 5.2 n X m zero sum game with dominance
- 5.3 Solution using Algebraic, Arithmetic and Matrix strategy

Extra Readings:

Learn the difference between Sequential and Simultaneous game

6. Decision Analysis

- 6.1 Introduction to Decision Analysis
- 6.2 Types of Decision-making environment
- 6.3 Decision making under uncertainty and under risk
- 6.4 Concept of Decision Tree

Extra Readings:





Decision models in Econometrics and computer science.

List of Practicals (if any)

Practicals to be conducted on the following topics. It is expected that, Applications to be covered using Python and /or R.

1. Linear Programming
2. Markov Chain and Simulation Techniques
3. Sequential models and related problems
4. CPM and PERT
5. Game Theory
6. Decision Analysis

Research Software:

1. MS Excel Solver
2. TORA
3. Python and / or R programming

Websites:

1. www.orsl.in
2. www.atzoperationalresearch.com

Websites for practical sessions:

1. <https://towardsdatascience.com/linear-programming-and-discrete-optimization-with-python-using-pulp-449f3c5f6e99>
2. <https://github.com/topics/operations-research?l=python>
3. <https://github.com/Gabeqb/Linear-Programming-With-Python/commit/a61be0d5fc8e66dd38f3d094bb80cef6a9a04152>

Journals:

1. International Journal of Operations Research and Management science
2. International Journal of Operations and Quantitative Management
3. Indian Journal of Advance Operations Management.

Recommended Certifications:

1. Data science with Python
2. Data science with R programming
3. Certification in Machine Learning
4. Certification in Tableau





Program Name: MCA
Course Name: Software Testing and Quality Assurance
Course Code: IT-33

Course Contents

Course Objectives:

1. To understand the principles of software development emphasizing processes and activities of quality assurance
2. To study fundamental concepts in software testing, including software testing objectives, process, strategies and methods.
3. To understand test design techniques based on functionality and structure of software
4. To understand test planning, monitoring and control process
5. To gain the techniques and skills on how to use software testing tools to support software testing activities

Course Outcomes:

Student will be able to

- CO1: Understand the role of software quality assurance in contributing to the efficient delivery of software solutions. (Understand)
- CO2: Demonstrate specific software tests with well-defined objectives and targets. (Apply)
- CO3: Apply the software testing techniques in commercial environments. (Apply)
- CO4: Construct test strategies and plans for software testing. (Analyze)
- CO5: Demonstrate the usage of software testing tools for test effectiveness, efficiency and coverage (Apply)

Course Structure:

1. Software Quality Assurance Fundamentals

- 1.1. Definition of Quality, Quality Assurance, Quality Control, Difference between QA and QC, Software Quality Assurance Challenges
- 1.2. Software Quality Assurance, SQA Planning & Standards (ISO 9000, Six Sigma)
- 1.3. SQA Activities
- 1.4. Building Blocks of SQA
- 1.5. Software Quality factors
- 1.6. Software Quality Metrics: Process Metrics & Product Metrics
- 1.7. Software Reliability & Reliability Measurement Factors: ROCOF, MTTF, MTTR, MTBF, POFOD, Availability

Extra Reading:





ISO/IEC 9126, ISO/IEC 25010:2011, Malcom Balridge

2. Software Testing Fundamentals

2.1. Definition & Objectives of Testing

2.2. Role of testing and its effect on quality

2.3. Causes of software failure: Definition of -Error, Bug, Fault, Defect and Failure,

2.4. Economics of Testing

2.5. Seven Testing Principles

2.6. Software Testing Life cycle

2.7. Validation & Verification Concepts - V Model and W Model

2.8. Agile Testing- Test Driven Software Development

2.9. Levels of Testing- 2.9.1. Unit (Component) Testing

2.9.2. Integration Testing

2.9.3. System Testing

2.9.4. User Acceptance Testing (UAT)

2.10. Test Types 2.10.1. Functional testing (Black-box)

2.10.2. Non-functional testing (Testing of software product characteristics)

2.10.3. Structural testing (White-box)

2.10.4. Testing related to changes - Confirmation (Re-testing) and Regression Testing

2.11. Non-Functional Testing Types – 2.11.1. Performance (Load & Stress)

2.11.2. Usability

2.11.3. Maintainability

2.11.4. Portability





Program Name: MCA
Course Name: PPM and OB
Course Code: BM - 41

Course Contents

Course Objectives:

1. This course aims to improve students understanding of Management & human behavior in organization and the ability to lead people to achieve more effectively toward increased organizational performance.

Course Outcomes:

Student will be able to

CO1: Describe and analyze the interactions between multiple aspects of management. (Understand)

CO 2: Analyze the role of planning and decision making in Organization (Analyze)

CO 3: Justify the role of leadership qualities, Motivation and Team Building. (Analyze)

CO 4: Analyze stress management and conflict management (Analyze)

CO 5: Describe Personality and Individual Behavior (Understand)

Course Structure:

Management:

1.1. Meaning and Definition

1.2. The need, scope and process of Management

1.3. Managerial levels/Hierarchy

1.4. Managerial functions: Planning, Organizing, Staffing Directing, Controlling

1.5. Types of managers & its Skill: Functional, Specialize, Generalize

1.6. Social responsibility of management

2. Nature & Development of Management Thought:

2.1. Historical perspective

2.2. Evolution of Management: Introduction to Scientific Management by Taylor, Administrative Management by Fayol, Contribution of Peter Drucker

2.3. System approach-with reference to management, organization and MIS

2.4. Contingency approach

3. Decision making:

3.1. Introduction

3.2. Decision making environment- Decision making under certainty, under uncertainty, under risk

3.3. Types of Decision, decision making processes & Tools

3.4. Individual Vs Group decision making





3.5. Herbert Simon's Model & Principle of Rationality

Note:

Case studies should be covered on this topic

4. Organization, Organizational Behavior & Organizational Culture:

4.1. Definition and Need for Organization

4.2. Introduction to OB, Organizing Process

4.3. Organizational structure (Functional organization, Product Organization, Territorial Organization)

4.4. Introduction- Development and Levels of Organizational Culture

4.5. Types of Corporate Culture

5. Motivation and Leadership:

5.1. Concept of Motivation, Benefits to organization and Manager

5.2. Maslow's need Hierarchy theory

5.3. Herzberg's Motivation- Hygiene Theory

5.4. Theory X and Y, Theory Z

5.5. Definition, Nature, Qualities of Leader, Leader V/s Manager

5.6. Leadership Styles (Autocratic, Participative, Laissez faire or subordinate-centered, Bureaucratic leadership, Transformational leadership, Transactional leadership)

6. Team Building:

6.1. Concept of Team, Nature, Benefits from team,

6.2. Types of Teams

6.3. Creating Effective Teams, Turning Individuals into Team Player.

Note:

Case studies should be covered on this topic

7. Stress Management and Conflict management:

7.1. Work stress: Meaning of stress, Stressors, Sources of Stress, Types of stress

7.2. Stress Management strategies

7.3. Concept of Conflict, Functional versus Dysfunctional Conflict

7.4. Five stage Conflict Process, Types of Conflict (Task Conflict, Relationship Conflict, Process Conflict, Personality Conflict, Intergroup Conflict)

7.5. Managing Conflict (Styles for Handling Dysfunctional Conflict, Third-Party Interventions)

Note:

Case studies should be covered on this topic

8. Personality and Understanding Individual Behavior:

8.1. Introduction, Definition of Personality -Determinants of Personality

8.2. Personality Theories -Personality and Organization

8.3. Personality Structure -Personality and Behavior

8.4. Ego State, Johari window- Transactional Analysis





Program Name: MCA
Course Name: Soft Skills I
Course Code: SS11

Course Contents

The syllabi should consist of practical and the theoretical aspects as well. For every component there shall be the practical and theoretical contents as well.

Objectives:

1. To make students well versed with at the business communication skills.

1	<p>Development of Proficiency in English:</p> <ul style="list-style-type: none"> • Practice on Oral and spoken communication skill & testing –voice & accent, voice clarity, voice modulation & intonation, word stress etc. • Feedback and questioning Technique • Objectiveness in Argument • Development etiquettes and manners • Study of different pictorial expression of non-verbal communication and its analysis 	<p>Concepts of effective communication:</p> <ul style="list-style-type: none"> • Components of effective communication • Communication process and handling them • KISS (Keep it short and sweet) in communication–Composing effective messages. • Non–Verbal Communication: its importance and nuances: Facial Expression, Posture, Gesture, Eye contact, appearance (dress code). 	9
2	<p>Written Communication Skill Practice for:</p> <ul style="list-style-type: none"> • Correction of errors • Making of Sentences • Paragraph Writing • Leave Application and simple letter writing 	<p>Grammatical use:</p> <ul style="list-style-type: none"> • Punctuation • Meaning & opposites • Real Life conversations • Vocabulary building Understanding the Audience, Need analysis through presentation feedback form 	6
3	<p>Presentation Skill practice</p> <ul style="list-style-type: none"> • Preparing in presentation • Delivery of presentation 	<p>Concept of 4 methods for presentation</p> <ul style="list-style-type: none"> • Preparation & introduction • Presentation • Evaluation/feedback • Summarization/Conclusion <p>Team Building games, Together Everyone Achieves Miracle (TEAM), issues when there is no teamwork, Leadership emerging through team, How to identify team player</p>	6





4	Team Building /Coordination Skills <ul style="list-style-type: none"> • Team Building Practices through group exercises, team ask /role play • Ability to mixing & accommodation • Ability to work together 	Concept of <ul style="list-style-type: none"> • Group • Group Dynamics • Teambuilding 	4
5	Telecommunication Skills <ul style="list-style-type: none"> • Tele-etiquette • Receiving Call, Transferring calls • Taking Message/ Voice Mails • Making Outgoing Calls Receiving Fax 	Electronic Communication concept <ul style="list-style-type: none"> • Working principle of Mini exchange and its features and facilities. 	2
6	Self-Management <ul style="list-style-type: none"> • Self-Evaluation, Self-Discipline • Self-Criticism Recognition of one's own limits and deficiencies • Independency etc. • Thoughtful & Responsible • Self-Awareness 	Self-Management <ul style="list-style-type: none"> • Identifying one's strengths and weaknesses • Planning & Goal setting • Managing self-emotions, ego, pride. 	2
7	Team Management Technique Practice by game play & other learning methodology for achieving targets and getting off right first time.	Time Management concept <ul style="list-style-type: none"> • Attendance, Discipline & Punctuality • Act in time on commitment • Quality/Productive Time 	1





Program Name: MCA
Course Name: Cyber Security I
Course Code: CS I

Course Contents

Introduction to Cyber Security / Information Security

Syllabus for 'Introduction to Cyber Security / Information Security' program for students of University of Pune is given below.

The program will be of 4 credits and it will be delivered in 60 clock hours

Course material for this program will be developed by CINS

These clock hours also includes practical sessions and demonstrations wherever required.

Module 1: Pre-requisites in Information and Network Security

Chapter 1: Overview of Networking Concepts

1. Basics of Communication Systems
2. Transmission Media
3. Topology and Types of Networks
4. TCP/IP Protocol Stacks
5. Wireless Networks
6. The Internet

Chapter 2: Information Security Concepts

1. Information Security Overview: Background and Current Scenario
2. Types of Attacks
3. Goals for Security
4. E-commerce Security
5. Computer Forensics
6. Steganography

Chapter 3: Security Threats and Vulnerabilities

1. Overview of Security threats
2. Weak / Strong Passwords and Password Cracking
3. Insecure Network connections
4. Malicious Code
5. Programming Bugs
6. Cyber crime and Cyber terrorism
7. Information Warfare and Surveillance

Chapter 4: Cryptography / Encryption

1. Introduction to Cryptography / Encryption
2. Digital Signatures
3. Public Key infrastructure





4. Applications of Cryptography
5. Tools and techniques of Cryptography

Module 2: Security Management

Chapter 1: Security Management Practices

1. Overview of Security Management
2. Information Classification Process
3. Security Policy
4. Risk Management
5. Security Procedures and Guidelines
6. Business Continuity and Disaster Recovery
7. Ethics and Best Practices

Chapter 2: Security Laws and Standards

1. Security Assurance
2. Security Laws
3. IPR
4. International Standards
5. Security Audit
6. SSE-CMM / COBIT etc

Module 3: Information and Network Security

Chapter 1: Access Control and Intrusion Detection

1. Overview of Identification and Authorization
2. Overview of IDS
3. Intrusion Detection Systems and Intrusion Prevention Systems

Chapter 2: Server Management and Firewalls

1. User Management
2. Overview of Firewalls
3. Types of Firewalls
4. DMZ and firewall features

Chapter 3: Security for VPN and Next Generation Technologies

1. VPN Security
2. Security in Multimedia Networks
3. Various Computing Platforms: HPC, Cluster and Computing Grids
4. Virtualization and Cloud Technology and Security

Module 4: System and Application Security

Chapter 1: Security Architectures and Models

1. Designing Secure Operating Systems
2. Controls to enforce security services





3. Information Security Models

Chapter 2: System Security

1. Desktop Security
2. email security: PGP and SMIME
3. Web Security: web authentication, SSL and SET
4. Database Security

Chapter 3: OS Security

1. OS Security Vulnerabilities, updates and patches
2. OS integrity checks
3. Anti-virus software
4. Configuring the OS for security
5. OS Security Vulnerabilities, updates and patches

Chapter 4: Wireless Networks and Security

1. Components of wireless networks
2. Security issues in wireless





Program Name: MCA
Course Name: Human Values I
Course Code: HR I

Course Contents

I) Basic Concept:

- a) Human Values- Dignity , Liberty, Equality , Justice, Unity in Diversity, Ethics and Morals
- b) Meaning and significance of Human Rights Education

II) Perspectives of Rights and Duties:

- a) Rights: Inherent-Inalienable-Universal- Individual and Groups
- b) Nature and concept of Duties
- c) Interrelationship of Rights and Duties

III) Introduction to Terminology of Various Legal Instruments:

- a) Meaning of Legal Instrument- Binding Nature
- b) Types of Instruments: Covenant-Charter-Declaration-Treaty-Convention-Protocol-Executive Orders and Statutes

IV) United Nations And Human Rights:

- a) Brief History of Human Rights- International and National Perspectives
- b) Provision of the charters of United Nations
- c) Universal Declaration of Human Rights- Significance-Preamble
- d) Civil and Political Rights-(Art. 1-21)
- e) Economic, Social and Cultural Rights-(Art.22-28)
- f) Duties and Limitations-(Art. 29)
- g) Final Provision (Art. 30)





Program Name: MCA
Course Name: Human Values II
Course Code: HR II

Course Contents

I) General Introduction:

- a) Meaning and Concept of Vulnerable and Disadvantaged
- b) Groups, Customary, Socio- Economic and Cultural Problems of
- c) Vulnerable and Disadvantaged Groups

II) Social status of women and children in International and national perspective:

- a) Human Rights and Women's Rights –International and National Standards
- b) Human Rights of Children-International and National Standards

III) Status of Social and Economically Disadvantaged people:

- a) Status of Indigenous People and the Role of the UN
- b) Status of SC/ST and Other Indigenous People in the Indian Scenario
- c) Human Rights of Aged and Disabled
- d) The Minorities and Human Rights

IV) Human rights of vulnerable groups:

- a) Stateless Persons
- b) Sex Workers
- c) Migrant Workers
- d) HIV/AIDS Victims





Program Name: MCA
Course Name: Human Values III
Course Code: HR III

Course Contents

I. Human Rights in Indian Context:

- a) Indian Bill of Rights And Sarvodaya
- b) Preamble- Fundamental Rights- Directive Principles-Fundamental Duties

II. Human Rights- Enforcement Mechanism:

- a) Human Rights Act, 1993
- b) Judicial Organs- Supreme Court (Art 32) And High Courts (Art 226)
- c) Human Rights Commission- National and State of Maharashtra
- d) Commission of Women, children, Minority, SC/ST
- e) Survey of International Mechanism

III. Human Rights Violations and Indian Polity:

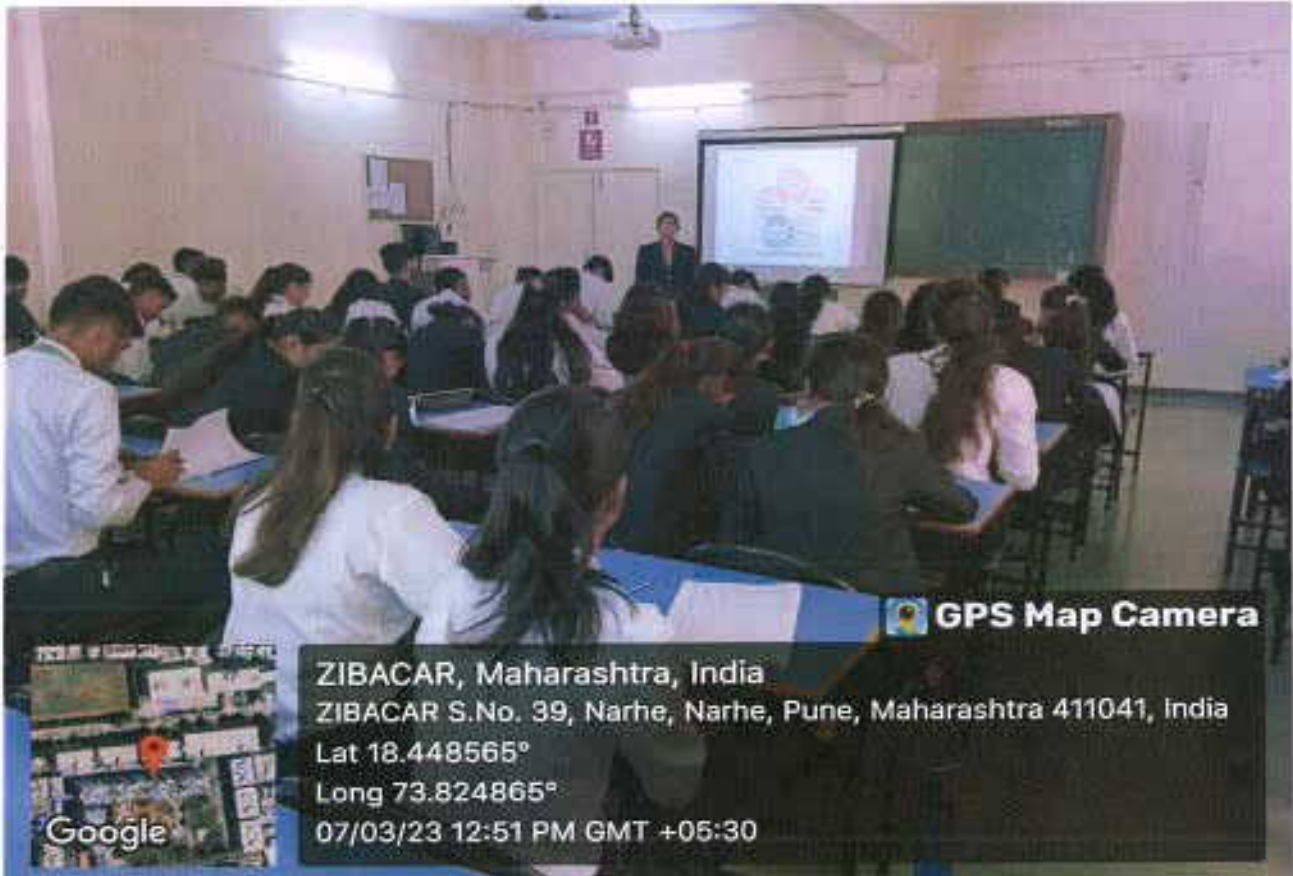
- a) Inequalities in society-population-illiteracy-poverty-caste-inaccessibility of legal redress
- b) Abuse of Executive Power-Corruption-Nepotism and favoritism
- c) Human Rights and Good Governance

IV. Role of Advocacy Groups:

- a) Professional Bodies: Press, Media, Role of Lawyers-Legal Aid
- b) Educational Institutions
- c) Role of Corporate Sector
- d) NGO's



Director



GPS Map Camera

ZIBACAR, Maharashtra, India
ZIBACAR S.No. 39, Narhe, Narhe, Pune, Maharashtra 411041, India
Lat 18.448565°
Long 73.824865°
07/03/23 12:51 PM GMT +05:30

Google

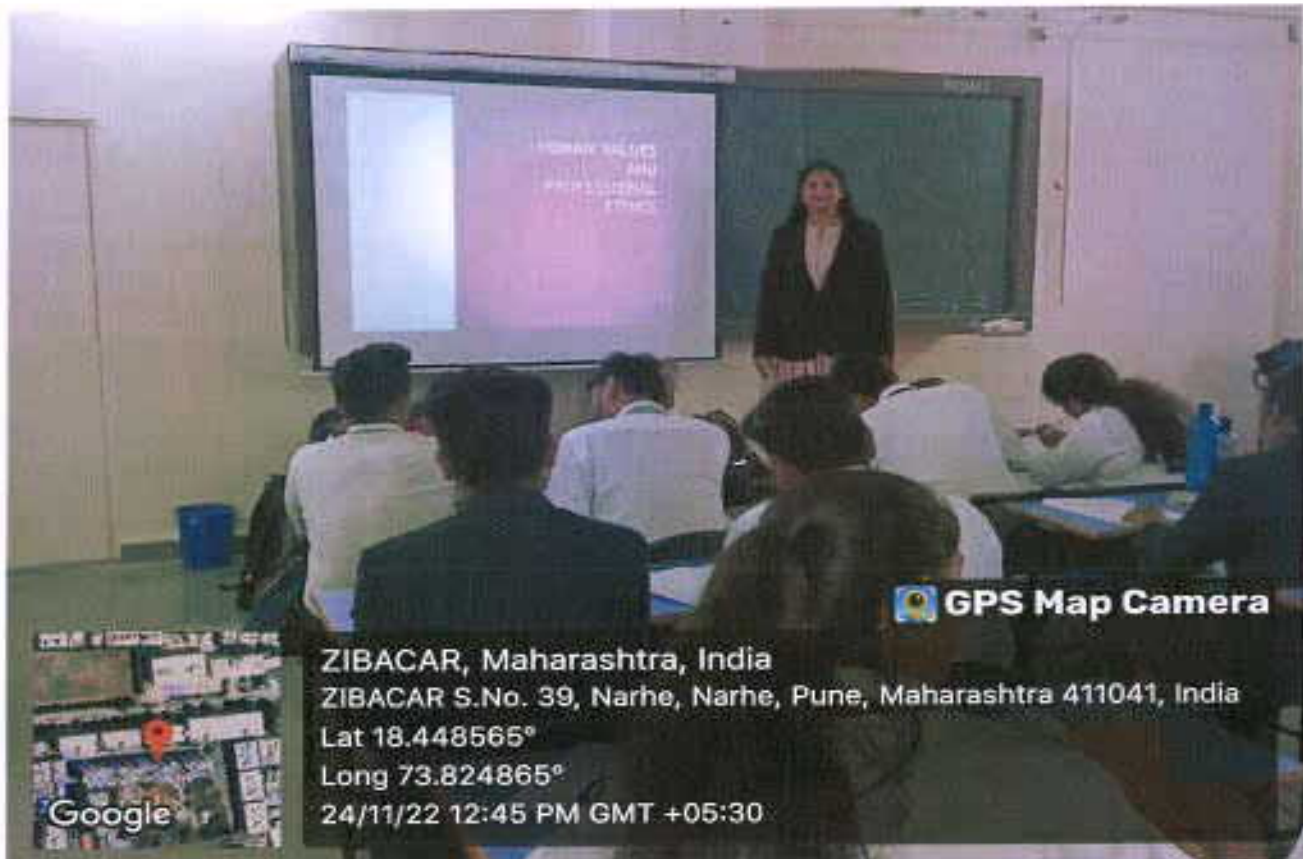
Lecture on "Core Values" in progress for students





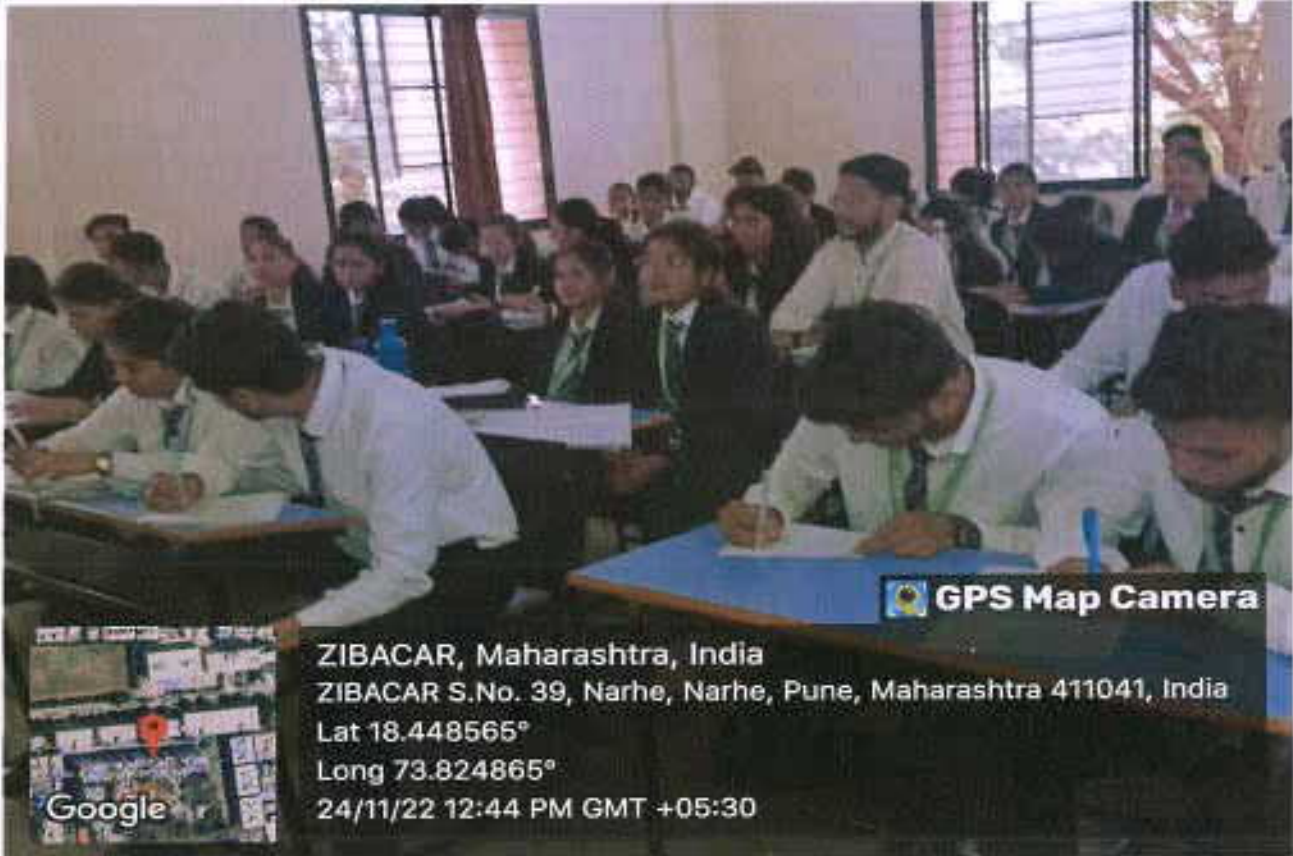
Lecture on "Human Values" in progress for students





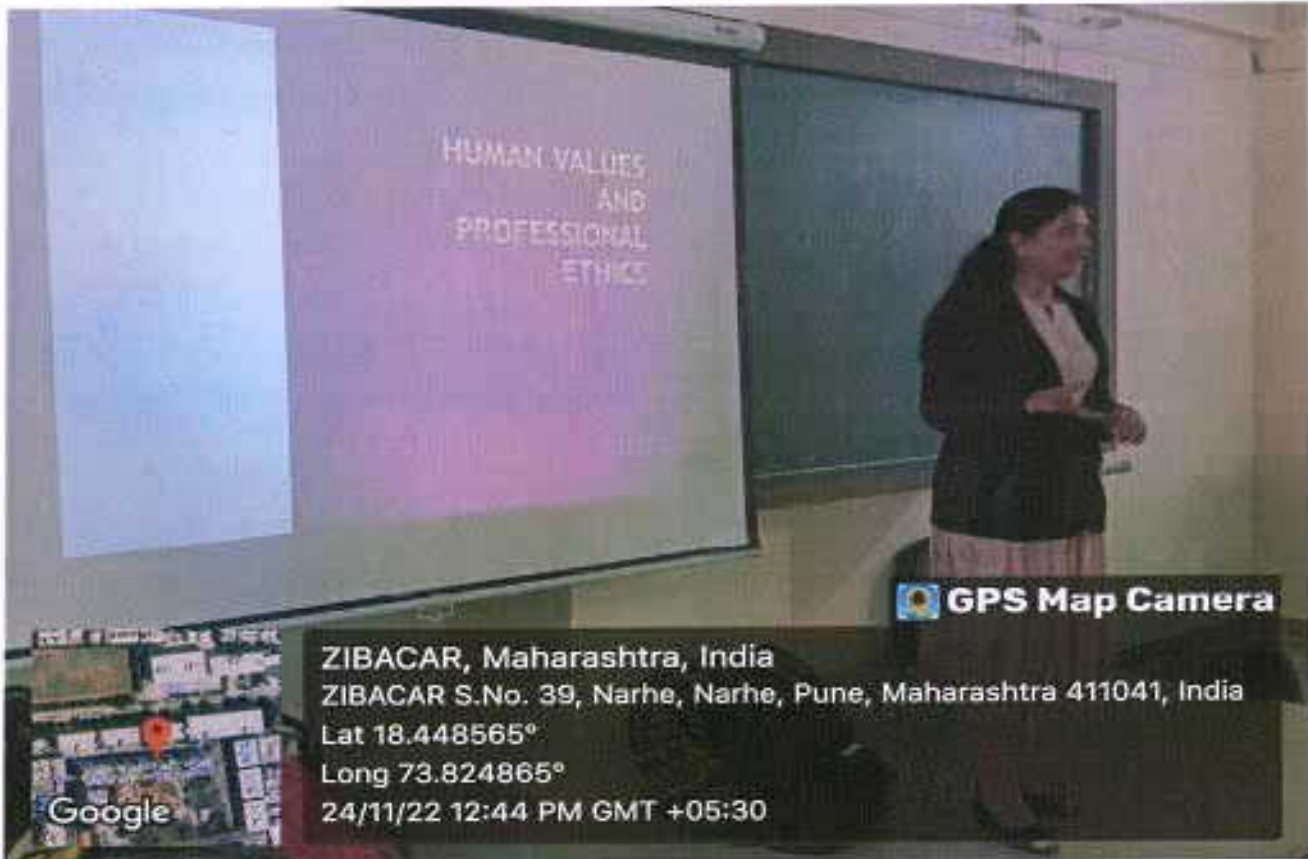
Lecture on "Human Values and Professional Ethics" in progress for students





Lecture on "Human Values and Professional Ethics" in progress for students





Lecture on "Human Values and Professional Ethics" in progress for students





University provision for Links and Books regarding Human Values

The screenshot shows the website of Savitribai Phule Pune University. The main heading is "Human Rights Education Programme".

Introduction -
 The principles of human rights education aim to promote dignity, tolerance and peace by educating individuals and groups to respect, defend and advocate for their rights.

According to the UN resolution of November 2003 human rights education means, "a lifelong process by which people of all levels of development and in all states of society learn respect for the rights of others and the means and methods of ensuring their respect in all spheres. Knowledge is applied to all situations to resist human rights education starting from elementary level.

Human rights living in the society have to challenge their values with situations at all times without any hesitation. Such practices will promote the freedom of all and could transform a society to adhere to principles. The living the values of Human Rights Education, irrespective of it results in to achieve the principles of democracy, rule of law, and social justice. Further it will help to establish peace and security. It also further enables us to achieve an all round socio economic, political and cultural growth.

Important Links	Books on Human Rights(English)
<ol style="list-style-type: none"> 1. Nepali & English Version of Universal Declaration of Human Rights (UDHR) 2. Regulations regarding the Human Rights Education Programme 3. Syllabus of Human Rights Education Programme 4. Human Rights Day Brochure 	<ol style="list-style-type: none"> 1. Introduction to Human Rights and Duties - Book I 2. Human Rights of Vulnerable and Disadvantaged Groups - Book II 3. Human Rights and Duties in India - Law, Policy, Society and Enforcement Mechanism - Book III

अभिलेखित लिंक्स (अर्धी)

1. नेपाली अर्धी अर्धी वर्जन
2. मानव अधिकार विषयक विनियमन
3. मानव अधिकार शिक्षण कार्यक्रमको पाठ्यक्रम



[Signature]
 Director



List of Web links for Cross Cutting Issues- Professional Ethics, Gender, Human Values, Environment and Sustainability

Sr. No.	Web Links	Topic	Cross Cutting Issues Covered Professional Ethics/ Gender/ Human Values/ Environment and Sustainability
1.	http://eclm.unipune.ac.in/view.aspx?vid=88	Human Rights Education Programme Basic Concept of Equality	Human Values
2.	http://eclm.unipune.ac.in/view.aspx?vid=150	Relationship between Values and Human Rights	Human Values
3	https://eclm.unipune.ac.in/View.aspx?vid=73	An Overview Of Human Rights 1	Human Values
4	https://eclm.unipune.ac.in/View.aspx?vid=76	Human Rights Civil Political Rights	Human Values
5	https://eclm.unipune.ac.in/View.aspx?vid=78	Human Rights Economic Social Cultural Rights 2	Human Values
6	https://eclm.unipune.ac.in/View.aspx?vid=89	Human Rights Education Programme Brief History of Human Rights	Human Values
7	https://eclm.unipune.ac.in/View.aspx?vid=90	Human Rights Education Programme Introduction	Human Values
8	https://eclm.unipune.ac.in/View.aspx?vid=92	Human Rights Education Programme Overview Of Human Rights Programme	Human Values
	https://www.youtube.com/watch?v=5lm4C	Environmental	Environment and



9	DQZzo	Sustainability – Ideal way to save Nature	sustainability
10	https://www.youtube.com/watch?v=2E:Z5UwxosDg	The Power of Sustainability	Environment and sustainability
11	https://www.youtube.com/watch?v=x7fxjq_Tij0	Professional Values & Ethics	Professional Ethics
12	https://www.youtube.com/watch?v=vsv0rOVD5tE&list=PLdrzzHoWTuwWKKIaB-xbGbePhfstmsRC-	Ethics in the Workplace - Skills for Success	Professional Ethics
13	https://www.youtube.com/watch?v=b_n6ilu_g0tQ&list=PLdrzzHoWTuwWKKIaB-xbGbePhfstmsRC-&index=3	Ethics in the Workplace - A Good Work Ethic	Professional Ethics
14	https://www.youtube.com/watch?v=ahH_P_5yVSo&list=PLdrzzHoWTuwWKKIaB-xbGbePhfstmsRC-&index=5	Business Ethical Dilemmas and Stakeholders	Professional Ethics
15	https://www.youtube.com/watch?v=BAswj8evFZk	How Ethics Can Help You Make Better Decisions	Professional Ethics
16	https://www.youtube.com/watch?v=7n9IOH0NvyY	Why Gender Equality Is Good for Everyone	Gender and Professional Ethics

Director





ZEAL EDUCATION SOCIETY'S

**ZEAL INSTITUTE OF BUSINESS ADMINISTRATION,
COMPUTER APPLICATION AND RESEARCH (ZIBACAR)**
NARHE | PUNE | INDIA



PUN CODE: IMMP013170

DTE CODE: 6152

AISHE CODE: C-41828

List of Books for Cross Cutting Issues- Professional Ethics, Gender, Human Values, Environment and Sustainability

Sr. No.	Name of Book	Author	Cross Cutting Issues Covered Professional Ethics/ Gender/ Human Values/ Environment and Sustainability
1	Professional Ethics: Need for the 21st Century	R. Subramanian	Professional Ethics
2	PROFESSIONAL ETHICS AND HUMAN VALUES	Govindrajan, M. Natrajan	Professional Ethics
3	PROFESSIONAL ETHICS AND HUMAN VALUES	Premvir Kapoor	Professional Ethics
4	This Changes Everything: Capitalism vs. The Climate	Naomi Klein	Environment and Sustainability
5	Cradle to Cradle: Remaking the Way We Make Things	William McDonough	Environment and Sustainability
6	Introduction to Human Rights and Duties	SPPU	Human Values
7	Human Rights of Vulnerable and Disadvantaged Group - Book II	SPPU	Human Values
8	Human Rights and Duties in India : Law, Policy, Society and Enforcement Mechanism - Book III	SPPU	Human Values
9	Marathi & English Version of Universal Declaration of Human Rights (UDHR)	SPPU	Human Values



T. Prady
Director

Semester I					
Sr. No.	Course Title	Course Code	CP	EXT	INT
1	Java Programming	IT11	3	50	25
2	Data Structure and Algorithms	IT12	3	50	25
3	Object Oriented Software Engineering	IT13	3	50	25
4	Operating System Concepts	IT14	3	50	25
5	Network Technologies	IT15	3	50	25
6	Open Course 1	OC11	1		25
7	Open Course 2	OC12	1		25
* Practicals					
8	Practical	IT11L	5	50	75
9	Mini Project	ITC11	5	50	75
Soft Skills					
10	Soft Skills - I	SS11	1		25
			28	350	350

Semester II					
Sr. No.	Course Title	Course Code	CP	EXT	INT
1	Python Programming	IT21	3	50	25
2	Software Project Management	IT22	3	50	25
3	Optimization Techniques	MT21	3	50	25
4	Advanced Internet Technologies	IT23	3	50	25
5	Advanced DBMS	IT24	3	50	25
6	Open Course 3	OC21	1		25
7	Open Course 4	OC22	1		25
* Practicals					
8	Practical	IT21L	5	50	75
9	Mini Project	ITC21	5	50	75
Soft Skills					
10	Soft Skills - II	SS21	1		25
			28	350	350



Semester III					
Sr. No.	Course Title	Course Code	CP	EXT	INT
1	Mobile Application Development	IT31	3	50	25
2	Data Warehousing and Data Mining	IT32	3	50	25
3	Software Testing and Quality Assurance	IT33	3	50	25
4	Knowledge Representation & Artificial Intelligence - ML, DL	IT34	3	50	25
5	Cloud Computing	IT35	3	50	25
6	Open Course 5	OC31	1		25
7	Open Course 6	OC32	1		25
* Practicals					
8	Practical	IT31L	5	50	75
9	Mini Project	ITC31	5	50	75
Soft Skills					
10	Soft Skills- III	SS31	1		25
			28	350	350

Semester IV					
Sr. No.	Course Title	Course Code	CP	EXT	INT
1	DevOps	IT41	3	50	25
2	PPM and OB	BM41	3	50	25
2	Project	ITC41	22	250	300
			28	350	350

Semester	Credit	IE	UE
Semester I	28	350	350
Semester II	28	350	350
Semester III	28	350	350
Semester IV	28	350	350
Total	112	1400	1400
			2800



GENERIC ELECTIVES INSTITUTE LEVEL (GE – IL) COURSES – 2 Credits Each			
50 Marks CCE , 00 Marks ESE			
Course No.	Course Code	Course	Semester
Maximum 3 courses to be selected from the following list in Semester I			
113	GE – IL - 01	Verbal Communication Lab	I
114	GE - IL - 02	Enterprise Analysis & Desk Research	I
115	GE - IL - 03	Selling & Negotiation Skills Lab	I
116	GE - IL - 04	MS Excel	I
117	GE - IL - 05	Business Systems & Procedures	I
118	GE – IL- 06	Managing Innovation	I
119	GE – IL- 07	Foreign Language – I	I
Maximum 1 course to be selected from the following list in Semester II:			
213	GE – IL - 08	Written Analysis and Communication Lab	II
214	GE – IL - 09	Industry Analysis & Desk Research	II
215	GE – IL - 10	Entrepreneurship Lab	II
216	GE – IL - 11	SPSS	II
217	GE – IL - 12	Foreign Language – II	II



The syllabus

Course I

Introduction to Human Rights and Duties

Credit: 1

- I) **Basic Concept**
 - a) Human Values- Dignity , Liberty, Equality , Justice, Unity in Diversity, Ethics and Morals
 - b) Meaning and significance of Human Rights Education
- II) **Perspectives of Rights and Duties**
 - a) Rights: Inherent-Inalienable-Universal- Individual and Groups
 - b) Nature and concept of Duties
 - c) Interrelationship of Rights and Duties
- III) **Introduction to Terminology of Various Legal Instruments**
 - a) Meaning of Legal Instrument- Binding Nature
 - b) Types of Instruments: Covenant-Charter-Declaration-Treaty-Convention-Protocol- Executive Orders and Statutes
- IV) **United Nations And Human Rights**
 - a) Brief History of Human Rights- International and National Perspectives
 - b) Provision of the charters of United Nations
 - c) Universal Declaration of Human Rights- Significance-Preamble
 - d) Civil and Political Rights-{Art. 1-21}
 - e) Economic, Social and Cultural Rights-{Art.22-28}
 - f) Duties and Limitations-{Art. 29}
 - g) Final Provision (Art. 30)



Course II

Human rights of vulnerable and disadvantaged groups

Credit: 1

I) General Introduction

- a) Meaning and Concept of Vulnerable and Disadvantaged
- b) Groups, Customary, Socio-Economic and Cultural Problems of
- c) Vulnerable and Disadvantaged Groups

II) Social status of women and children in International and national perspective

- a) Human Rights and Women's Rights –International and National Standards
- b) Human Rights of Children-International and National Standards

III) Status of Social and Economically Disadvantaged people

- a) Status of Indigenous People and the Role of the UN
- b) Status of SC/ST and Other Indigenous People in the Indian Scenario
- c) Human Rights of Aged and Disabled
- d) The Minorities and Human Rights

IV) Human rights of vulnerable groups

- a) Stateless Persons
- b) Sex Workers
- c) Migrant Workers
- d) HIV/AIDS Victims



Course III

Human Rights and Duties in India: Law, Policy, Society and Enforcement

Mechanism

Credit: 1

- I. **Human Rights in Indian Context**
 - a) Indian Bill of Rights And Sarvodaya
 - b) Preamble- Fundamental Rights- Directive Principles-Fundamental Duties

- II. **Human Rights- Enforcement Mechanism**
 - a) Human Rights Act, 1993
 - b) Judicial Organs- Supreme Court (Art 32) And High Courts(Art 226)
 - c) Human Rights Commission- National and State of Maharashtra
 - d) Commission of Women, children , Minority, SC/ST
 - e) Survey of International Mechanism

- III. **Human Rights Violations and Indian Polity**
 - a) Inequalities in society-population-illiteracy-poverty-caste-inaccessibility of legal redress
 - b) Abuse of Executive Power-Corruption-Nepotism and favoritism
 - c) Human Rights and Good Governance
 - d)

- IV. **Role of Advocacy Groups**
 - a) Professional Bodies: Press, Media, Role of Lawyers-Legal Aid
 - b) Educational Institutions
 - c) Role of Corporate Sector
 - d) NGO's



Savitribai Phule Pune University

Dr. V. B. Gaikwad
M.Sc., M.Phil., Ph.D.

Director,
Board of College & University Development
Genesikhind, Pune-411 007



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Tele Fax : +91-020-25601256

Email : bcud@unipune.ac.in

Ref.BCUD/ 76

Dt. 18.03.2015

To,
The Principal/ Directors,
All Affiliated colleges
All Recognized Institute
Savitribai Phule Pune University,
Pune

Subject: Guidelines regarding evaluation of Cyber security courses of 4 credits.

Dear Sir/Madam,

As per decision taken by the University authorised, Cyber Security courses of 4 credits has been incorporated in the syllabi of Post graduate courses. We hereby, would like to give the guidelines for the evaluation of these courses. We hereby, would like to give the guidelines for the evaluation of these courses attached herewith.

With regards,

Dr. V. B. Gaikwad
Director, BCUD



GUIDELINES FOR EVALUATION OF CYBER SECURITY COURSES OF 4 CREDITS

From the academic year 2014-15, the cyber security courses for 4 credits have been incorporated in the curriculum of Post-graduate degree programmes of Savitribai Phule Pune University.

- Cyber security courses has been divided into 4 modules namely :

Name of Modules	No. Of credit	No. Of hours	No of Marks
Module . 1 Pre-requisites in Network and Information Security	One credit	14	25
Module : 2 Security Management	One credit	13	25
Module : 3 Information and Network Security	One credit	13	25
Module:4 System and Application Security	One credit	20	25

- Evaluation comprises of the Internal Assessment of the aforesaid modules are on the basis of following components:

Name of module	Examination pattern		Marks		
Module 1	Written Examination	Objective questions, MCQs, define/answer in one sentence	7	15	
		Two descriptive questions of short answers	8		
	Hands on /Practical examination along with viva				10
				Total	25
Module 2	Written Examination	Objective questions, MCQs, define/answer in one sentence	7	15	
		Two descriptive questions of short answers	8		
	Hands on /Practical examination along with viva				10
				Total	25
Module 3	Written Examination	Objective questions, MCQs,	7	15	

		define/answer in one sentence		
		Two descriptive questions of short answers	8	
	Hands on /Practical examination along with viva			10
	Total			25
Module 4	Written Examination	Objective questions, MCQs, define/answer in one sentence	7	15
		Two descriptive questions of short answers	8	
	Hands on /Practical examination along with viva			10
	Total			25
GRAND TOTAL				100

- Course- related skill-based practical work will be entirely based on the skills to be developed in the students. It may include the topics as has been prescribed in the syllabi of every module.
- Practical components may be based on laboratory work, on job industrial training, working with NGO or similar organizations, project, group discussion, presentation etc. unless otherwise clearly specified in the given syllabi of all the courses.
- College is supposed to maintain the record of marks allotted to the practical work carried out by the students.
- There shall be combine passing (written exam + practical, viva) of 40%.



Savitribai Phule Pune University

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Email: bcud@unipune.ac.in

Director,
Board of College & University Development
Ganeshkhind, Pune-411 007

Ref.BCUD/ 77

Dt. 18.03.2015

To,
The Principal/ Directors,
All Affiliated colleges
All Recognized institute
Savitribai Phule Pune University,
Pune

Subject: Guidelines regarding evaluation of Human Rights Education Programme
(2 credits)

Dear Sir/Madam,

As per decision taken by the University authorised, Human Education Programme of 2 credits has been incorporated in the syllabi of Post graduate courses. We hereby, would like to give the guidelines for the evaluation of these courses attached herewith.

With regards,

Dr. V. B. Gaikwad
Director, BCUD



GUIDELINES FOR EVALUATION OF HUMAN RIGHTS EDUCATION PROGRAMME FOR 2 CREDITS

- Students of all the Post graduate programmes have to undergo the Human Rights Education programme
- The Courses under the programme will have no affect on the credit/grade of the students of their regular course of study. The grades earned in the papers of this programme will reflect separately in the mark statement of each student.
- In the HRE Programme there will be three courses.

Paper code	Course Name	Credits	Marks
HRE 101	Introduction to Human Rights and Duties (Mandatory)	1	25
HRE 102	Human Rights of Vulnerable and Disadvantaged Groups (Optional)	1	25
HRE: 103	Human Rights and Duties in India: Law, Policy, Society and Enforcement mechanism. (Optional)	1	25

- In the three courses, students have to opt for only two courses during their entire Post Graduate Programme Among the three papers, (**HRE 101 Introduction to Human Rights and Duties**) is a compulsory course. In the other two papers (**HRE 102 Human Rights of Vulnerable and Disadvantaged Groups** and **HRE 103 Human Rights and Duties in India: Law, Policy, Society and Enforcement Mechanism**) the students are free to select any one paper as per the decision of the head of the institute.
- At no point of time any two courses should be taken together. (This rule is applicable for the students in part I or from the new academic year).
- The Coordinators of each institute appointed by the Directors/Principal shall monitor the programme under the Supervision of the Head of the institute.



- It would be a self-study programme. The students will have to study the materials of each paper, based on the materials uploaded on the University Website. Apart from the materials available on the website, students are free to refer to any reference book of their choice stated in the bibliography. Apart from the reading materials, a video of Lectures delivered by some of the eminent professors will also be available on the University Web Site.
- For evaluation of the papers, any of the models prescribed in the credit pattern for Internal Assessment regulations may please be adopted depending on the Models suitable to the institute.
- Individual faculty member shall have the flexibility to design the concurrent evaluation components in a manner so as to give a balanced assessment of student capabilities across Knowledge, Skills and Abilities based on following assessment tools:
 1. Case Study/ Caselet/ Situation Analysis
 2. Class Test
 3. Open book test
 4. Study tour/ Field visit and report of the same.
 5. Small group Project
 6. Group Discussion
 7. Role Play/ Story telling
 8. Thematic Presentation
 9. Industry Analysis
 10. In depth viva
 11. Quiz
 12. Model Development / Simulation exercises
- A pass in the two papers is compulsory.
- Each Paper carries only One Credit. This means a credit is equal to 25 marks. Hence, the minimum applicable per credit as per the credit system rules need to be adopted as the passing minimum. Based on the marks that are secured by each student the grade may be decided depending on the mark obtained in each paper.
- If any student fails to secure the minimum passing grade of E in any of the two papers, such student may have to repeat such paper and has to pass the paper compulsorily otherwise they won't be conferred the degree.
- The Coordinators of each institute need to maintain a record of the evaluation methods adopted by the respective institute.

