CRITERION 1

Curriculum Enrichment

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

Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum" Faculty create awareness in students about various cross cutting issues through curriculum. For example:

Our Institution integrates Cross-cutting issues of the society like Moral Values, Human Values, Professional Ethics, Ethical Values, Gender Equality, Environmental Awareness, which are inseparable part of our curriculum.

1. **"Environment Study",** to make students aware about the basic concepts of environment.

2. **"Communication skill",** to teach the importance of Life Skills and Ethics, etc. Some cross cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum are as follows:

1. Gender Sensitivity:

Gender is a socially learned behaviour based on male and female social expectations. Women and children are the most vulnerable members of society under this situation. And it's the unreasonable pressure placed on boys and girls to conform to established masculinity and femininity stereotypes. Girls are subjected to unjustified social control, discrimination, and dominance. Emotional, kind, and scared boys are discouraged. Gender Sensitization provides a clear and exact vision of gender, assisting in the understanding that GENDER is not about Women', but rather 'People'.

Gender sensitization is a need that has been felt and recognised by everyone at Siddhant Institute of Computer Application and actively promoted through several committees and cells. We aim at delivering Gender sensitization to the community as part of the grass-roots gender intervention.

Girls and boys' room is available in the institute.

Women's grievances cell, Anti ragging Committee & Squad nominated and headed by the Head of the Institution.

The Institute also celebrates International Women's Day on 8th March by felicitation of all the women teaching and non-teaching staff & student's members.

2. Environment and Sustainability:

Encouraging students to participate in national and international conferences, workshops, intercollegiate competitions for boosting self confidence in students.

Awareness about the environment is created among the students through various programs like tree plantation, Swachh Bharat Abhiyan, Environment Day, Earth Day and Water Day etc are annually celebrated.

More than 300 Trees are planted in the Campus. Utilization of used papers for various administrative works.
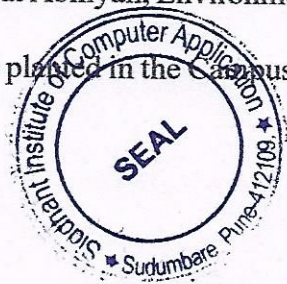
The Institute has well equipped computer lab which are used for Conduction of online exams due to which paperwork is reduced

SICA's strong community-oriented work culture is based on the Sigma-Six Q sustainable way of life, that involves integration of water quality, air quality, education and healthcare, innovation and human values.

SICA has pioneered vocational and skill development education by introducing PG programmes in Water, Sanitation and Waste Management, Renewable Energy, and Environmental and Green Technology.

SICA accords great importance to research in interdisciplinary areas focused on renewable energy, environmental pollution, education and healthcare.

3. Human Values and Professional Ethics:

Institute has various committees like the Woman's grievance committee, Anti-Ragging committee for human rights. Institute also arranges special lectures, seminars, like the Nirbhaya woman safety program, to create awareness on these issues.

To develop human values & social roles in student college organized Blood donation camp, Haemoglobin check-up camp, Dental check-up camp, Eye Check-up.

Celebrating Shiv-Jayanti, Ganeshostav, Garba-Dandiya
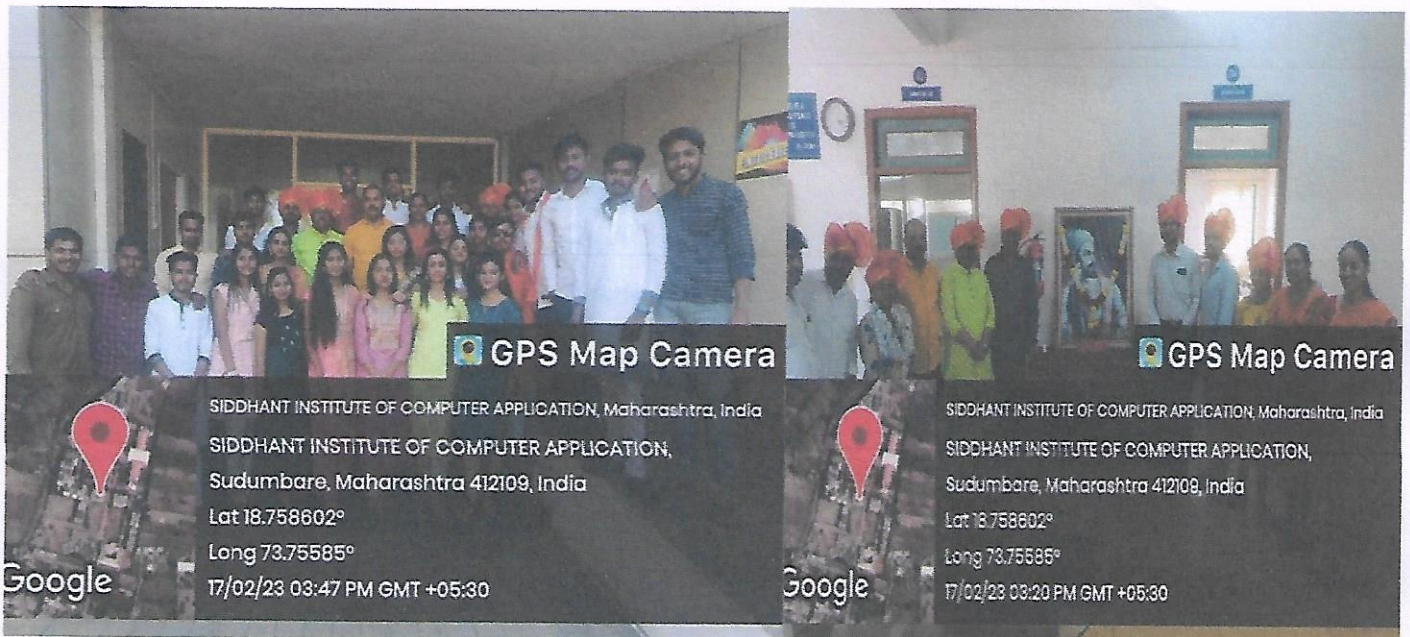
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List of Course Relevant to Crosscutting Issues

Sr.No.	Course Name	Course Code	Program Name	List of Course Relevant to Crosscutting Issues
1.	Soft Skill -I	SS11	MCA	Professional Ethics and Human Values
2.	Soft Skill -II	SS21	MCA	Professional Ethics and Human Values
3.	Soft Skill -III	SS31	MCA	Professional Ethics and Human Values
4.	PPM and OB	BM41	MCA	Professional Ethics and Human Values
5.	Soft Skill -IV	SS41	MCA	Professional Ethics and Human Values
6.	Soft Skill-V	SS51	MCA	Professional Ethics and Human Values
7.	Human Rights I	191	MCA	Professional Ethics and Human Values
8.	Human Rights II	291	MCA	Professional Ethics and Human Values
9.	Skill Development I	394	MCA	Professional Ethics and Human Values
10.	Skill Development II	494	MCA	Professional Ethics and Human Values
11.	Introduction to Cyber Security -I	192	MCA	Professional Ethics and Human Values
12.	Introduction to Cyber Security -II	292	MCA	Professional Ethics and Human Values
13.	Introduction to Cyber Security -III	392	MCA	Professional Ethics and Human Values
14.	PPM and OB	BM21	MCA	Professional Ethics and Human Values

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MCA I Semester-I

Course Name – Soft Skill 1 (Word Power and Proficiency on making words for speaking)

Course Contents

Units	Unit Name
1	Introduction to our Workshop to the workshop learning Objectives of our Session Need for Soft Skill & Behavioural
2	Delivering Presentations, Introduction to presentations, how to prepare presentations and how to delivering presentations
3	How to manage your emotions & Behaviours, Dealing with your emotions and Behaviours, Workplace situations and emotions.
4	Enhancement out Communication, verbal Communication, Improving our Language (English), Written Communication, Email Writing

Program-MCA Semester-II

Course Name-Soft Skill 2 (Oral Communication)

Course Contents

Unit-1: Communication: An Introduction: Definition, Nature and Scope of Communication Importance and Purpose of Communication Process of Communication Types of Communication.

Unit-2: Non-Verbal Communication: Personal Appearance Gestures Postures Facial Expression Eye Contacts Body Language (Kinesics) Time language Silence Tips for Improving Non-Verbal Communication

Unit-3: Communication Network in an Organization-I: Personal Communication Internal Operational Communication External Operational Communication

Unit-4: Communication Network in an Organization-II: Lateral Communication, Downward Communication and Upward Communication.

Unit-5: Effective Communication: Essentials of Effective Communication and Techniques Barriers to Communication

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Program-MCA Semester-III

Course Name - Soft Skill 2 (Presentation Skills)

Course Contents

Public Speaking

- The power of Public Speaking
- Developing confidence
- Planning
- Preparation
- Successful and effective delivery of speech Group Discussion

What is group discussion?

- Why are group discussions held?
- Preparation for a group discussion
- Skills for effective participation
- Traits tested in a group discussion
- Initiating a group discussion
- Non-verbal communication in group discussion
- Types of group discussions

Interviews

- Interviewing in the 21st century
- Developing an Interview Strategy
- Taking Care of the Details
- Practicing for the Interview
- During the Interview
- Stress Interviews
- Traditional Interviews

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Program-MCA

Course Name – Cyber Security – I

Course Code: CS1

Course Contents

1. Introduction
   a) What Is Computer Security?
   b) Threats
   c) Harm
   d) Vulnerabilities
   e) Controls

2. Principles of Cybersecurity
   a. The interrelated components of the computing environment
   b. Cybersecurity models (the CIA triad, the star model)
   c. Variations on a theme: computer security, information security, and information assurance

3. Cyber Crimes & Legal Framework
   - Cyber Crimes against Individuals, Institution and State
   - Hacking
   - Digital Forgery
   - Cyber Stalking/Harassment
   - Cyber Pornography
   - Identity Theft & Fraud
   - Cyber Terrorism
   - Cyber Defamation
   - Right to Privacy and Data Protection on Internet
     - Concept of privacy
     - Threat to privacy on internet
     - Self-regulation approach to privacy
     - Ingredients to decide confidentiality of information
     - Breach of sensitive personal information and confidentiality under IT Act and penalties for the same. E. Society
     - Right of Interception under IT Act
   - Different offenses under IT Act, 2000

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Program Name-MCA

Course Name: Cyber Security - 2

Course Code: CS-2

Course Contents

Unit 1: Introduction to Cyber crimes

- Definition, cybercrime and information security, Classes of cybercrime and categories, Cyber offenses
- Cybercrimes with mobile and wireless.

Unit 2: Introduction to Cyber Law & Information Technology Act, 2000

- Evolution of Computer Technology, Emergence of Cyberspace, Cyber Jurisprudence, Jurisprudence and Law,
- Cyberspace -Web space (WWW), Web Hosting and Web Development Agreements (specimen), Domain Names
- Overview of IT Act, 2000, Amendments and Limitations of IT Act,
- Digital Signatures, Cryptography, Cryptographic Algorithm, Public Cryptography, Private Cryptography, Electronic Governance, Legal Recognition of Electronic Records, Legal Recognition of Digital Signature, Certifying authorities, Cyber Crime and Offenses

Unit 3: Cyber law issues and related legislation

- Patent Laws, Trademark law, Copyright, Software-copyright or patented Domain Name and Copyright disputes, Electronic Database and its Protection.

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Program Name-MCA

Course Name: Cyber Security-3

Course Code: CS-3

Course Contents

1. Digital signature and Electronic Signature and Data Protection

- Concept of public key and private key
- Certification authorities and their role
- Creation and authentication of digital signature
- Concept of electronic signature certificates

2. Electronic Governance

- Concept of electronic records and electronic signatures
- Rules for attribution, acknowledgement and dispatch of such records

3. E. Commerce

- E-commerce-Salient Features and advantages
- Models of E-commerce like B2B, B2C
- Indian Laws on E-commerce

4. Intellectual Property Issues in Cyber-Space

- Interface with Copyright Law
- Interface with Patent Law
- Trademarks Domain Names Related issues
- Dispute Resolution in Cyber-space

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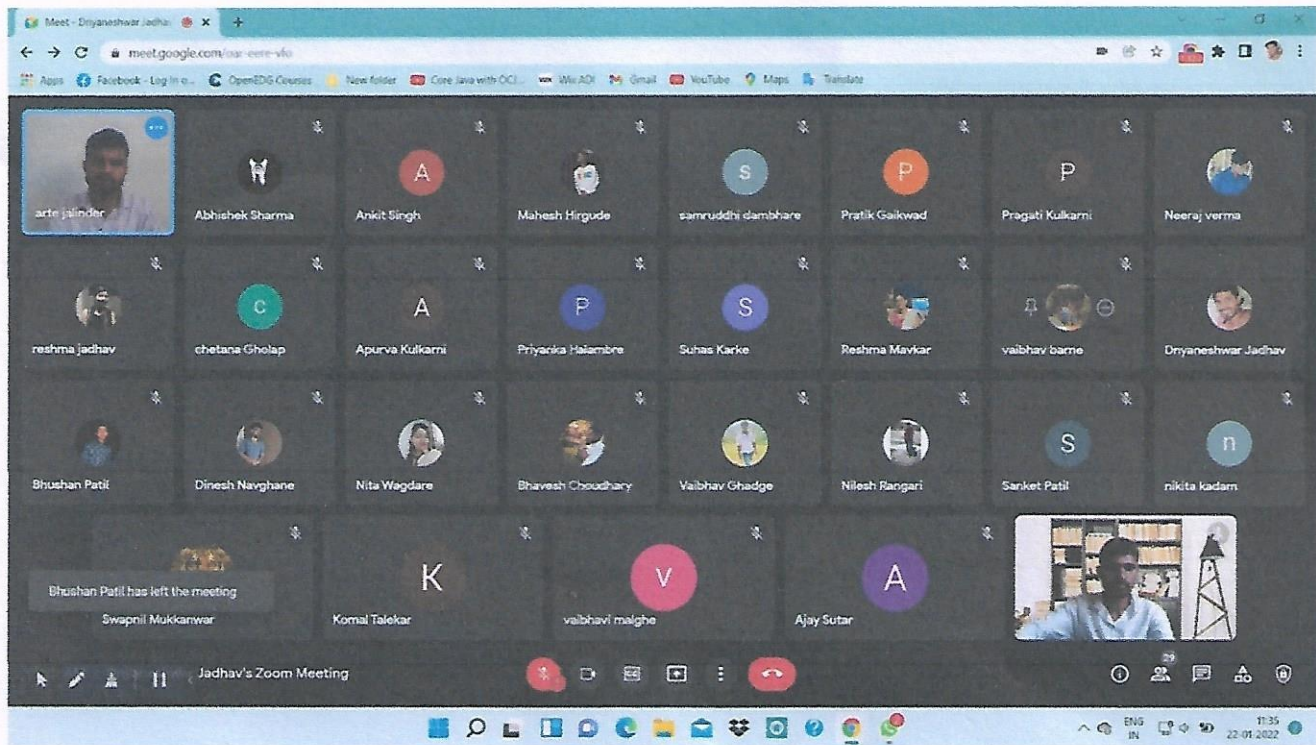
Program-MCA Semester-I

Course Name: Human Values I

Human Values is a credit course given to students by University in the curriculum. This course is divided into 3 semesters from semester I to semester III. The syllabus is shared on the University Portal and according to that institute has imparted the knowledge of human values among the students.

Students were taught the syllabus shared on University Portal

Course Contents

- An Overview of Human Rights
- Introduction & Basic Concepts of Human Values
- Introduction to Terminology of Various Legal Instruments
- Guest Speaker Mr. Jalinder Arte was invited to conduct the lecture. The session was on online mode due to the pandemic.

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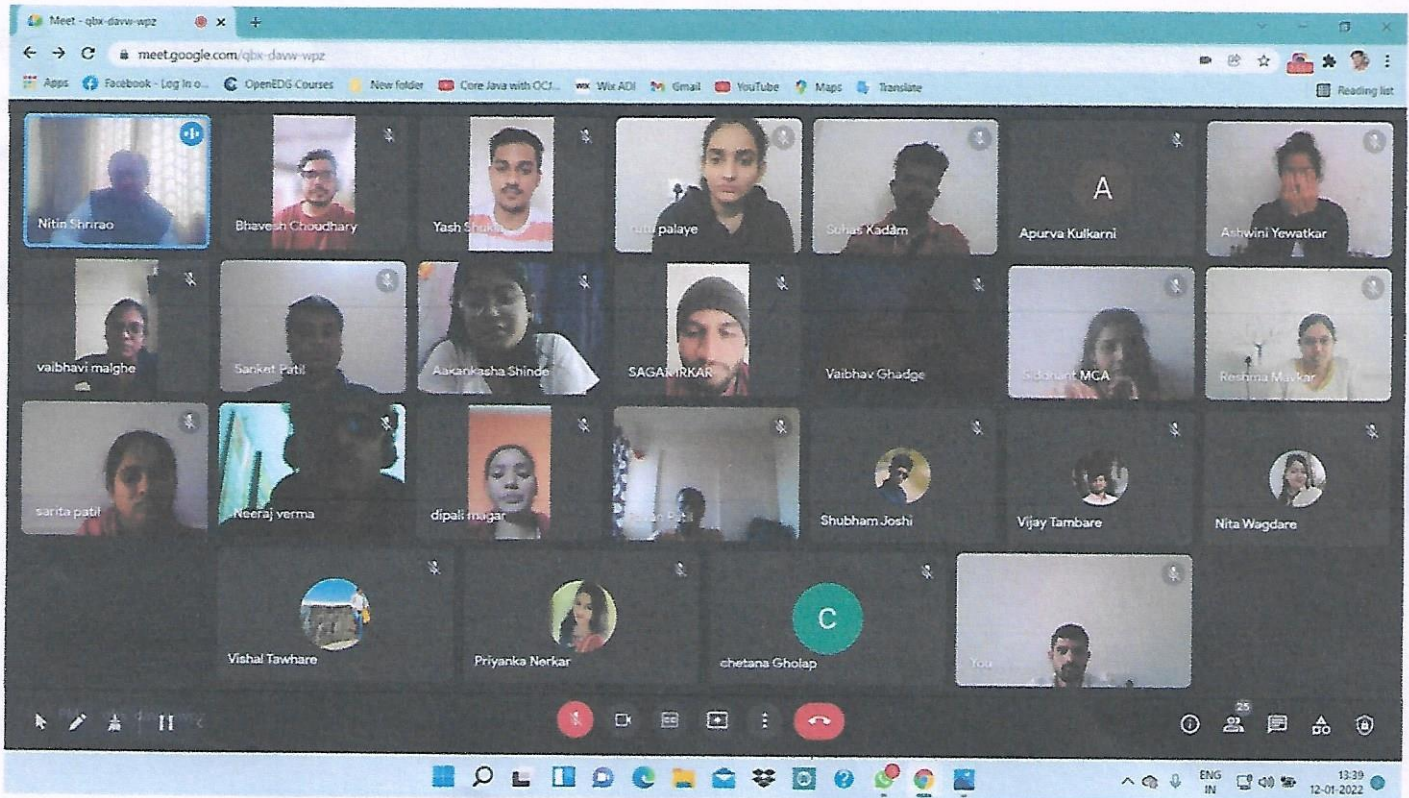
Program-MCA Semester-II
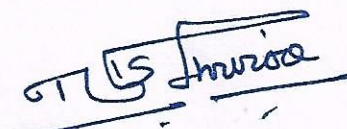
Course Name-Human Values-II

Human Values is a credit course given to students by University in the curriculum. This course is divided into 3 semesters from semester I to semester III. The syllabus is shared on the University Portal and according to that institute has imparted the knowledge of human values among the students.

Students were taught the syllabus shared on University Portal

Course Contents

- A Basic Concepts of Equality
- Concepts Significance Moral & Perspectives of Human Rights Education
- Perspective of Rights & Duties
- Guest Speaker Mr. N. S. Shrirao was conduct the lecture. The session was on online mode.

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