7.1.10

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  ➢ **Policy Document on Code of Ethics.**   ➢ **Syllabus copy of Constitution of India, Professional Ethics and Human rights.**   ➢ **Student Attribute facilitated by the Institution**

SAPTHAGIRI COLLEGE OF ENGINEERING

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#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru– **560057**

7.1.10 POLICY DOCUMENT ON CODE OF ETHICS

Professional ethics encompass the personal and corporate standards of behavior expected by professionals. The word professionalism originally applied to vows of a religious order. By at least the year 1675, the term had seen secular application and was applied to the three learned professions: Divinity, Law, and Medicine. The term professionalism was also used for the military profession around this same time.Professionals and those working in acknowledged professions exercise specialist knowledge and skill. How the use of this knowledge should be governed when providing a service to the public can be considered a moral issue and is termed professional ethics.It is capable of making judgments, applying their skills, and reaching informed decisions in situations that the general public cannot because they have not attained the necessary knowledge and skills. One of the earliest examples of professional ethics is the Hippocratic oath to which medical doctors still adhere to this day.
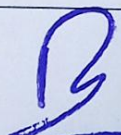
17CPH39/49 Constitution of India Professional Ethics and Human Rights subject introduced by VTU and it is common to all branch students and this subject provides following course outcome to the students

• To assimilate and get familiarized with basic information about Indian constitution and provide overall legal literacy to the young technograts to manage complex societal issues in the present scenario.

• To identify their individual roles and ethical responsibilities towards society.

• To understand engineering ethics & responsibilities, through the learning of these topics students will be able to understand human rights/ values and its implications in their life.

We are shown policy document related to code of ethics in Code of Conduct Handbook for students and Staff.

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B. E. MECHANICAL ENGINEERING			
Outcome Based Education (OBE) and Choice Based Credit System (CBCS)			
SEMESTER - III			
CONSTITUTION OF INDIA, PROFESSIONAL ETHICS AND CYBER LAW (CPC)			
Course Code	18CPC39/49	CIE Marks	40
Teaching Hours/Week (L:T:P)	(1:0:0)	SEE Marks	60
Credits	01	Exam Hours	02

Course Learning Objectives: To

- know the fundamental political codes, structure, procedures, powers, and duties of Indian government institutions, fundamental rights, directive principles, and the duties of citizens
- Understand engineering ethics and their responsibilities; identify their individual roles and ethical responsibilities towards society.
- Know about the cybercrimes and cyber laws for cyber safety measures.

Module-1

Introduction to Indian Constitution: The Necessity of the Constitution, The Societies before and after the Constitution adoption. Introduction to the Indian constitution, The Making of the Constitution, The Role of the Constituent Assembly - Preamble and Salient features of the Constitution of India. Fundamental Rights and its Restriction and limitations in different Complex Situations. Directive Principles of State Policy (DPSP) and its present relevance in our society with examples. Fundamental Duties and its Scope and significance in Nation building.

Module-2

Union Executive and State Executive: Parliamentary System, Federal System, Centre-State Relations. Union Executive – President, Prime Minister, Union Cabinet, Parliament - LS and RS, Parliamentary Committees, Important Parliamentary Terminologies. Supreme Court of India, Judicial Reviews and Judicial Activism. State Executives – Governor, Chief Minister, State Cabinet, State Legislature, High Court and Subordinate Courts, Special Provisions (Articles 370.371,371J) for some States.

Module-3

Elections, Amendments and Emergency Provisions: Elections, Electoral Process, and Election Commission of India, Election Laws. Amendments - Methods in Constitutional Amendments (How and Why) and Important Constitutional Amendments. Amendments – 7,9,10,12,42,44, 61, 73,74, ,75, 86, and 91,94,95,100,101,118 and some important Case Studies. Emergency Provisions, types of Emergencies and its consequences.
Constitutional special provisions: Special Provisions for SC and ST, OBC, Women, Children and Backward Classes.

Module-4

Professional / Engineering Ethics: Scope & Aims of Engineering & Professional Ethics - Business Ethics, Corporate Ethics, Personal Ethics. Engineering and Professionalism, Positive and Negative Faces of Engineering Ethics, Code of Ethics as defined in the website of Institution of Engineers (India): Profession, Professionalism, and Professional Responsibility. Clash of Ethics, Conflicts of Interest. Responsibilities in Engineering Responsibilities in Engineering and Engineering Standards, the impediments to Responsibility. Trust and Reliability in Engineering, IPRs (Intellectual Property Rights), Risks, Safety and liability in Engineering

Module-5

Internet Laws, Cyber Crimes and Cyber Laws: Internet and Need for Cyber Laws, Modes of Regulation of Internet, Types of cyber terror capability, Net neutrality, Types of Cyber Crimes, India and cyber law, Cyber Crimes and the information Technology Act 2000, Internet Censorship. Cybercrimes and enforcement agencies.

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Course Outcomes: On completion of this course, students will be able to,
- CO1: Have constitutional knowledge and legal literacy.
- CO2: Understand Engineering and Professional ethics and responsibilities of Engineers.
- CO3: Understand the the cybercrimes and cyber laws for cyber safety measures.

Question paper pattern for SEE and CIE:
- The SEE question paper will be set for 100 marks and the marks scored by the students will proportionately be reduced to 60. The pattern of the question paper will be objective type (MCQ).
- For the award of 40 CIE marks, refer the University regulations 2018.

Sl. No.	Title of the Book	Name of the Author/s	Name of the Publisher	Edition and Year
Textbooks				
1	Constitution of India, Professional Ethics and Human Rights	Shubham Singles, Charles E. Haries, and et al	Cengage Learning India	2018
2	Cyber Security and Cyber Laws	Alfred Basta and et al	Cengage Learning India	2018
Reference Books				
3	Introduction to the Constitution of India	Durga Das Basu	Prentice –Hall,	2008.
4	Engineering Ethics	M. Govindarajan, S. Natarajan, V. S. Senthilkumar	Prentice –Hall,	2004

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Student attributes facilitated by the institution

Student attributes facilitated by the Institution Core Values of NAAC and the College are facilitated as well as Social Sensitivity and Entrepreneurship, in the following ways:

i. Students are facilitated into becoming strong independent men/women with a deep sense of national loyalty and commitment to nation building

ii. Through our education students are facilitated and guided to enroll overseas for Higher education; and our alumnae occupy eminent positions globally.

iii. The values of respect, honesty, service to society, tolerance for all religions are woven into the fabric of our curriculum. Our motto "Creating Tomorrow" is encouraged to be put into practice by one and all.

iv. There is constant up-gradation of ICT in the college, facilitating all systems relating to students in the college, namely teaching, learning, examinations, administration and financial transactions.

v. Social Sensitivity is facilitated by encouraging students to participate in the numerous extension activities. These extension activities emerge from the core principle of service in the college (manifest in the vision, mission and goals) and are conducted along with students through: (a) NSS, (b) Women Empowerment Committee Centers in rural areas, (d) linkages with GOs, NGOs, schools, hospitals with in Bengaluru and outside Bengaluru, etc.

vi. Entrepreneurship of students is facilitated through Entrepreneurship Training and Skill-Based Education that emerges through the planning and conducting of the curriculum and extracurricular activities.

vii. We believe in constant improvement, hence Excellence is a prevailing attitude with at Sapthagiri College of Engineering.

PRINCIPAL
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Attested By

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