Course Code	Course Name	Teaching Scheme (Contact Hours 30)			Credits Assigned	
		Theory	Practical	Tutorial	Theory	Total
231ENUOE14	Ethics For It Users	2	-	-	2	2

B.TECH IN ELECTRONICS AND TELECOMMUNICATION ENGINEERING — SECOND YEAR SEM- III

Evaluation Scheme					
Theory					Total
Internal Assessment (25 Marks)				ESE	
IA1	IA2	AVG. IA	MSE		
15	15	15	10	50	75

Course Objectives:
1. Ethics for IT users is designed to educate existing and future business managers and IT professionals on the tremendous impact ethical issues play in the use of information technology in the modern business world.
2. The topics covered in this course are extremely current and relevant to anyone preparing to enter the field of IT.
3. This course will give students the foundation they need to make appropriate decisions when faced with difficult situations and make a positive impact in the field of information technology.

Course Outcomes: On successful completion of course, learner/student will be able to
1. Undestand the concept of Ethics in Information Technology.
2. Learn the importance of good business Ethics.
3. learn the ethics necessary for IT Professionals and IT Users.
4. Develop awaress for internet crimes.
5. Learn about privacy protection and laws.
6. Understand the need for quality checks and other issues in software development.

Mod. No.	Contents	Hrs. (30)	CO
1.	**Introduction:** Ethics in general, Ethics in business, Ethics in information technology, Applied Ethics, Personal Ethics, Integrity, Important Test for Morals and Integrity: Truth/Lie, Forms of Lies.	04	CO1
2.	**Ethics in the Business World:** Recent Scandals in IT Companies, The Sarbanes-Oxley Act (SOX), Fostering Good Business Ethics, Gaining the Goodwill of the Community, Creating an Organization That Operates Consistently, Good Ethics Can Mean Good Business, Protecting the Corporation Its Employees from Legal Actions.	04	CO2
3.	**Ethics for IT Professionals and IT Users:** IT Professionals, Are IT Workers Professionals?, Relationships Between IT Professionals and Employers, Relationships Between IT Professionals and Clients, Legal Overview, Relationships Between IT Professionals and Suppliers, Distinguishing Between a Bribe and a Gift, Relationships b/w IT Professionals & Other Professionals, Relationships Between IT Professionals and IT Users, Relationships Between IT Professionals and Society, The Ethical Behaviour of IT Professionals, Ethical Practices of IT Users	06	CO3
4.	**Computer and Internet Crime:** IT Security Incidents: A Worsening Problem, Increasing Complexity Increases Vulnerability, Increased Reliance on Commercial Software with Known Vulnerabilities, Types of Attacks, Classifying Perpetrators, Prevention, Detection, Response,	06	CO4
5.	**Privacy:** Privacy Protection And The Law, Key Privacy And Anonymity Issues, Governmental Electronic Surveillance, Data Encryption, Identity Theft, Consumer Profiling, Treating Consumer Data Responsibly, Workplace Monitoring, Spamming, Advanced Surveillance Technology,	04	CO5
6.	**Software Development:** Impact of Quality Software, Key Issues in Software Development, Liability, Reasons for Software Defects, Quality Software, Software Development Process, Software Quality Assurance (QA), Safety-Critical Systems, Quality Management Standards, Manager's Checklist for Improving Software Quality.	06	CO6

Text Books:

1. George Reynolds, Ethics in Information Technology, Thomson Course Technology, 2007. ISBN 13: 978-1-4188-3631-3

Reference Books:

1. Richard T. DeGeorge, Business Ethics, 7th ed. , Pearson India, 2014.