



**List of Courses focuses on Professional Ethics, Gender, Human Values, Environment & Sustainability and other value framework**

**Department : *Electronics & Communication Engineering***

**Programme Name : *B.Tech.***

**Academic Year : 2020-21**

**Courses which focuses on Professional Ethics, Gender, Human Values, Environment & Sustainability and other value framework:**

Sr. No.	Course Code	Name of the Course
01.	EN201THS01	English Communication
02.	LW202TMC01	Indian Constitution



## Scheme and Syllabus

**SCHOOL OF STUDIES OF ENGINEERING & TECHNOLOGY**  
**GURU GHASIDAS VISHWAVIDYALAYA (A CENTRAL UNIVERSITY)**  
**CBCS-NEW, STUDY & EVALUATION SCHEME**  
**PROPOSED W.E.F. SESSION 2020-2021**  
**B.Tech. I Year (SEMESTER I)**  
**(Common for CSE, ECE and IT)**

SN	Course No.	SUBJECT	PERIODS			EVALUATION SCHEME			CREDITS
			L	T	P	IA	ESE	SUB-TOTAL	
1.	MA201TBS01	MATHEMATICS-I	3	1	-	30	70	100	4
2.	PH201TBS02	PHYSICS	3	1	-	30	70	100	4
3.	EC201TES01	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	3	1	-	30	70	100	4
4.	IT201TES02	INTRODUCTION TO INFORMATION TECHNOLOGIES	2	0	0	30	70	100	2
5.	EN201THS01	ENGLISH COMMUNICATION	3	0	-	30	70	100	3
<b>Total</b>			<b>14</b>	<b>3</b>	<b>0</b>	<b>150</b>	<b>350</b>	<b>500</b>	<b>17</b>
<b>PRACTICALS</b>									
1.	PH201PBS01	PHYSICS LAB	-	-	2	30	20	50	1
2.	ME201PES01	ENGINEERING GRAPHICS	1	-	3	30	20	50	3
3.	ME201PES02	WORKSHOP TECHNOLOGY & PRACTICES	1	-	2	30	20	50	1
4.	EC201PES03	BASIC ELECTRICAL ENGINEERING LAB	-	-	2	30	20	50	1
<b>Total</b>			<b>2</b>	<b>-</b>	<b>9</b>	<b>120</b>	<b>80</b>	<b>200</b>	<b>7</b>
<b>GRAND TOTAL</b>			<b>16</b>	<b>3</b>	<b>9</b>	<b>270</b>	<b>430</b>	<b>700</b>	<b>24</b>

Total Credits : 24  
Total Contact Hour : 28  
Total Marks : 700

\*INTERNAL ASSESSMENT- Two Class Test of 15 Marks each will be conducted.  
L-LECTURE, T-TUTORIAL, P-PRACTICAL, ESE –END SEMESTER EXAMINATION



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**CBCS-NEW, STUDY & EVALUATION SCHEME**  
**PROPOSED W.E.F. SESSION 2020-2021**  
**B.Tech. I Year (SEMESTER II)**  
**(Common for CSE, ECE and IT)**

SN	Course No.	SUBJECT	PERIODS			EVALUATION SCHEME			CREDITS
			L	T	P	IA	ESE	SUB-TOTAL	
1.	MA202TBS03	MATHEMATICS-II	3	1	-	30	70	100	4
2.	CY202TBS04	CHEMISTRY	3	1	-	30	70	100	4
3.	CE202TES03	ENGINEERING MECHANICS	3	1	-	30	70	100	4
4.	CS202TES04	COMPUTER PROGRAMMING	3	0	-	30	70	100	3
5.	CM202TES05	BASIC CIVIL & MECHANICAL ENGINEERING	3	0	0	30	70	100	3
6.	LW202TMC01	INDIAN CONSTITUTION	2	0	0	-	-	-	-
<b>Total</b>			<b>17</b>	<b>3</b>	<b>0</b>	<b>150</b>	<b>350</b>	<b>500</b>	<b>18</b>
<b>PRACTICALS</b>									
1.	CY202PBS02	CHEMISTRY LAB	-	-	2	30	20	50	1
2.	CE202PES04	ENGINEERING MECHANICS LAB	-	-	2	30	20	50	1
3.	CS202PES05	COMPUTER PROGRAMMING LAB	-	-	2	30	20	50	1
<b>Total</b>			<b>-</b>	<b>-</b>	<b>6</b>	<b>90</b>	<b>60</b>	<b>150</b>	<b>3</b>
<b>GRAND TOTAL</b>			<b>17</b>	<b>3</b>	<b>6</b>	<b>240</b>	<b>410</b>	<b>650</b>	<b>21</b>

Total Credits : 21  
Total Contact Hour : 26  
Total Marks : 650

\*INTERNAL ASSESSMENT- Two Class Test of 15 Marks each will be conducted.  
L-LECTURE,T-TUTORIAL,P-PRACTICAL, ESE –END SEMESTER EXAMINATION



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING,  
SoS, ENGINEERING & TECHNOLOGY, GGV  
B. TECH. FIRST YEAR SYLLABUS (W.E.F SESSION 2020-21)**

SYLLAUS	(SEMESTER-II)	Periods/Week			Internal Assessment (IA)			ESE	Grand Total	Credits
		L	T	P	CT-I	CT-II	TOTAL			
Subject Code:	EN202THS01							70	100	03
Subject:	ENGLISH COMMUNICATION	3	0	-	15	15	30			

**Course Learning Objectives**

- To build up word power, to brush up the knowledge of English grammar, to develop good writing and speaking skills in the students

**Course Content:**

**Unit 1: -Vocabulary Building**

The concept of Word Formation, Root words from foreign languages and their use in English, Acquaintance with prefixes and suffixes from foreign languages in English to form derivatives. Synonyms, antonyms, and standard abbreviations.

**Unit 2: -Basic Writing Skills**

Sentence Structures, Use of phrases and clauses in sentences, Importance of proper punctuation, Creating coherence, Organizing principles of paragraphs in documents, Techniques for writing precisely

**Unit 3: -Identifying Common Errors in Writing**

Subject-verb agreement, Noun-pronoun agreement, Misplaced modifiers, Articles, Prepositions, Redundancies, Clichés

**Unit 4: -Nature and Style of sensible Writing**

Describing, Defining, Classifying, Providing examples or evidence, Writing introduction and conclusion.

**Unit 5: -Writing Practices**

Comprehension, Précis Writing, Essay Writing.

**Oral Communication (This unit involves interactive practice sessions in Language Lab)**

Listening Comprehension

Pronunciation, Intonation, Stress and Rhythm

Common Everyday Situations: Conversations and Dialogues

Communication at Workplace

Interviews

Formal Presentations

**Textbooks/References:**

1. Practical English Usage. Michael Swan. OUP.1995.
2. Remedial English Grammar. F.T. Wood. Macmillan.2007 (iii) On Writing Well. William Zinsser. Harper Resource Book.2001
3. Study Writing. Liz Hamp-Lyons and Ben Heasley. Cambridge University Press.2006.
4. Communication Skills. Sanjay Kumar and Pushp Lata. Oxford University Press.2011.
5. Exercises in Spoken English. Parts. I-III. CIEFL, Hyderabad. Oxford University Press

**Course Outcome:**

At the end of the course students will be able to learn a lot of new words. They also learnt the particularities and peculiarities of English grammar. As a result, they could speak and write English with the least possible error



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SoS, ENGINEERING & TECHNOLOGY, GGV  
B. TECH. FIRST YEAR SYLLABUS (W.E.F SESSION 2020-21)**

SYLLABUS	(SEMESTER-1)	Periods/ Week			Internal Assessment ( IA)			ESE	Grand Total	Credit s
		L	T	P	CT-I	CT-II	TOTAL			
<i>Subject Code:</i>	LW201TMC01							--	--	--
<i>Subject:</i>	INDIAN CONSTITUTION	2	0	-	-	-	-			

**Course Learning Objectives:**

- To the importance of preamble of the constitution of India.
- To understand the fundamental rights and duty as a citizen of India.
- To understand the functioning of union and state government and their inter-relationship.

**Course Content:**

**UNIT 1: Introduction:** Constitution-meaning of the term, Sources and constitutional theory, Features, Citizenship. Preamble.

**UNIT 2: Fundamental Rights and Duties:** Fundamental Rights, Fundamental Duties, Directive Principles of State Policy

**UNIT 3: Union Government:** Structure of Indian Union: Federalism, Centre-State relationship President: Role. Power and position, Prime Minister and council of ministers, Cabinet and Central Secretariat, Lok Sabha. Rajya Sabha

**UNIT 4: State Government:** Governor: Role and position, Chief Minister and council of ministers, State Secretariat

**UNIT 5: Relationship between Centre and States:** Distribution of Legislative Powers, Administrative Relations, Coordination between States

**Textbooks/References:**

- Constitution of India, V.N. Shukla
- The Constitutional Law of India, J.N. Pandey
- Indian Constitutional Law. M.P. Jain

**Course Outcome:** At the end of the course students will be able to:

- Describe the salient features of the Indian Constitution
- List the Fundamental Rights and Fundamental Duties of Indian citizens
- Describe the Directive Principles of State Policy and their significance