

## Department of Electronics & Telecommunication Engineering

### Lists of Open Electives Courses

Course Code	Course	Semester
ET3031	Introduction to Image Processing 3-0-0	Even
ET3032	Multimedia Forensic 3-0-0	Even
ET3033	Consumer Electronics 3-0-0	Odd
ET3034	Microcontroller Applications 3-0-0	Odd
ET3035	Industrial Automation Applications 3-0-0	Odd
ET3036	Introduction to Signals and Systems 3-0-0	Even
ET3037	Introduction to MEMS 3-0-0	Even

### List of Humanity Courses

Course Code	Course	Semester
HS 2002	Foreign Language	Even

**Humanity Course**

<b>HS2002</b>	<b>Foreign Language</b>
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<b>HS2002: Foreign Language</b>	
<b>Teaching Scheme</b> Lectures : 2 Hrs/week Total credits : 02	<b>Examination Scheme</b> Class Test 1 : 10 Marks Teachers' Assessments : 10 Marks End Semester Exam : 30 Marks

**Prerequisites: Nil**

**Course description:** The course is designed to give the basic communication skill in the German language. The course deals with Self introduction, Grammar topics like Verb forms, Question-Answers etc. Elaboration of family, hobbies, profession etc is also covered.

**Course objectives:** The course has the following objectives:

- To introduce a foreign language.
- To give basic ideas of Grammar for German language
- To make the students express about themselves, family, profession etc

**Course Outcomes:** After completing the course, the students will able to:

CO1	Use German vocabulary	K1
CO2	To introduce themselves in German language	K2
CO3	Exhibit the conversational skills	K2

**Detailed Syllabus:**

<b>Unit</b>	<b>Content</b>
Unit-I	Conversation skills <ul style="list-style-type: none"> <li>– Self-Introduction</li> <li>– Nos. upto 10,000</li> <li>– Weekdays, Months</li> <li>– Date and Time</li> <li>– Greetings</li> </ul>
Unit-II	Vocabulary related to following Themes: <ul style="list-style-type: none"> <li>– My house</li> <li>– My family</li> <li>– Daily routine</li> <li>– Hobbys</li> <li>– Food</li> <li>– Professions</li> </ul>

Unit-III	Grammar <ul style="list-style-type: none"> <li>– Verbforms (Present Tense)</li> <li>– Articles</li> <li>– Possessivpronouns</li> <li>– Auxiliary verbs</li> <li>– Wh-Questions / Yes-No Questions</li> <li>– Past-Tense of haben and sein</li> </ul>
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<b>Text and Reference Books</b>

**Mapping of course outcome with program outcomes:**

Program outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Course outcome												
CO1										<b>3</b>		
CO2										<b>3</b>		
CO3										<b>3</b>		

**1-High 2-Medium 3-Low**

**Teachers' Assessment:** Teachers Assessments of 10 marks is based on one of the/or combination of few of the following

1. Simulation
2. Power point presentation of case studies
3. Question and Answer/Numerical solution
4. Study of processes in Industry/Forensic Lab and its presentation

**Assessment Pattern**

Assessment Pattern Level No.	Knowledge Level	Test 1	Teachers' Assessment/ Assignment	End Semester Examination
K1	Remember	05	00	10
K2	Understand	05	10	20
K3	Apply	00	00	00
K4	Analyze	00	00	00
K5	Evaluate	00	00	00
K6	Create	00	00	00
<b>Total Marks (50)</b>		10	10	30

**Assessment Table**

Assessment Tool	K1	K2	K2
	CO1	CO2	CO3
Class Test 1 (10 marks)	02	05	03

Teachers' Assessment (10 marks)	00	05	05
ESE Assessment (30 marks)	05	15	10