

<b>Course Title:</b>	Advance Communication System		
<b>Course Code:</b>	ECT-801		
<b>Program:</b>	B.Tech.		Semester: VIII
<b>Credits:</b>	T-4	P-2	Total-6
<b>Course Outcome</b>			
1	Discussion about channel coding and speech coding.		
2	Discussion about orthogonal frequency division multiplexing (OFDM).		
3	About interim standard 95 (IS-95) and code division multiple access (CDMA 2000) and Third generation (3G).		
4	About fourth generation (4G) & statistics of cellular systems.		
5	Discussion about new concept of advance communication system.		

<b>Course Title:</b>	Nano Eletronics		
<b>Course Code:</b>	ECT-8101		
<b>Program:</b>	B.Tech.		Semester: VIII
<b>Credits:</b>	T-04	P-Nil	Total-04
<b>Course Outcome</b>			
1	To get to know about the nano eletronics.		
2	To understand the tunnel junction and application of tunneling.		
3	To be able to understand about single electron transistor.		
4	To get to know about ballastic and spin transport.		
5	To understand the fabrication technology & lithographic process.		

<b>Course Title:</b>	Wireless Communication & Networks		
<b>Course Code:</b>	ECT-8102		
<b>Program:</b>	B.Tech.		Semester - VIII
<b>Credits:</b>	T - 04	P - Nil	Total - 04
<b>Course Outcome</b>			
1	To understand the applications and requirements of wireless services.		
2	To get to know about the wireless propagation channels.		
3	To be able to understand the channel models, channel sounding and antennas.		
4	To understand the transceivers and signal processing.		
5	To be able to understand the diversity and equalizers.		

<b>Course Title:</b>	Modern Display & Imaging Devices		
<b>Course Code:</b>	ECT-8103		
<b>Program:</b>	B.Tech.		Semester - VIII
<b>Credits:</b>	T - 04	P - Nil	Total - 04
<b>Course Outcome</b>			
1	To understand the Elements of Light and Solid State Physics.		
2	To get to know about the Display Devices and Lasers.		
3	To be able to understand the Optical Detection Devices.		
4	To understand the Optoelectronic Modulator.		
5	To be able to understand the Optoelectronic Integrated Circuits.		

<b>Course Title:</b>	<b>TV &amp; Radar</b>		
<b>Course Code:</b>	<b>ECT-803</b>		
<b>Program:</b>	<b>B.Tech.</b>	<b>Semester VIII</b>	
<b>Credits:</b>	<b>T-4</b>	<b>P-2</b>	<b>Total-6</b>
<b>Course Outcome</b>			
<b>1</b>	<b>To understand the working principle of basic television system.</b>		
<b>2</b>	<b>To know about the fundamental of colour television &amp; its transmission and reception.</b>		
<b>3</b>	<b>To understand about the digital television technology in details.</b>		
<b>4</b>	<b>To know about the working principle of RADAR in detail.</b>		
<b>5</b>	<b>To know about the RADAR receiver and other RADAR systems.</b>		

<b>Course Title:</b>	<b>Microcontroller &amp; Embedded System</b>		
<b>Course Code:</b>	<b>ECT - 804</b>		
<b>Program:</b>	<b>B.Tech</b>	<b>Semester - VIII</b>	
<b>Credits:</b>	<b>T-4</b>	<b>P-2</b>	<b>Total-6</b>
<b>Course Outcome</b>			
<b>1</b>	<b>Understand what is Microprocessors and Microcontroller:</b>		
<b>2</b>	<b>Explain the different Addressing Modes and their Operations.</b>		
<b>3</b>	<b>Become familiar with programming environment used to develop embedded systems.</b>		
<b>4</b>	<b>Understand key concepts of embedded systems like IO, timers, interrupts, interaction with peripheral devices.</b>		
<b>5</b>	<b>Learn debugging techniques for an Embedded System.</b>		

<b>Course Title:</b>	<b>Major Project-II</b>		
<b>Course Code:</b>	<b>ECT-806</b>		
<b>Program:</b>	<b>B.Tech.</b>	<b>Semester VIII</b>	
<b>Credits:</b>	<b>T-Nil</b>	<b>P-08</b>	<b>Total -08</b>
<b>Course Outcome</b>			
<b>1</b>	<b>Able to understand the design and concerned software and tools.</b>		
<b>2</b>	<b>A basic understanding of project layout and its applications.</b>		
<b>3</b>	<b>To get the knowledge of preparation of thesis.</b>		
<b>4</b>	<b>To get the knowledge of presentation of publications.</b>		
<b>5</b>	<b>To design to get able to know how to develop hardware design according to software/tools.</b>		

<b>Course Title:</b>	<b>Professional Ethics and Proficiency &amp; Embedded System</b>		
<b>Course Code:</b>	<b>BT - 807</b>		
<b>Program:</b>	<b>B.Tech</b>	<b>Semester - VIII</b>	
<b>Credits:</b>	<b>T - 00</b>	<b>P - 02</b>	<b>Total - 02</b>
<b>Course Outcome</b>			
<b>1</b>	<b>To Observe Business ethics &amp; Role and responsibility of engineer.</b>		
<b>2</b>	<b>To Observe Communication and personality development covering, Psychological aspects of communication</b>		
<b>3</b>	<b>To Analyze Career Oriented Communication covering, Resume and Biodata.</b>		
<b>4</b>	<b>Advanced Techniques in Technical Communication covering.</b>		
<b>5</b>	<b>Power-point presentation: structure and format.</b>		

