

<b>Course Title:</b>	<b>Fiber Optics Communication</b>		
<b>Course Code:</b>	<b>MTDC-301</b>		
<b>Program:</b>	<b>M.Tech. (DC)</b>		<b>Semester III</b>
<b>Credits:</b>	<b>T 04</b>	<b>P-Nil</b>	<b>Total 04</b>
<b>Course Outcome</b>			
<b>1</b>	<b>To understand the concept of fiber optics and its phenomenon.</b>		
<b>2</b>	<b>To know how to do the modeling of optical cables.</b>		
<b>3</b>	<b>Able to know about different optical sources available.</b>		
<b>4</b>	<b>To understand the concept of optical switches.</b>		
<b>5</b>	<b>To know about optical link and EDFA.</b>		

<b>Course Title:</b>	<b>Information Theory &amp; Coding</b>		
<b>Course Code:</b>	<b>MTDC-302</b>		
<b>Program:</b>	<b>M.Tech. (DC)</b>		<b>Semester: III</b>
<b>Credits:</b>	<b>T-4</b>	<b>P-Nil</b>	<b>Total-4</b>
<b>Course Outcome</b>			
<b>1</b>	<b>To be able to understand about information, entropy &amp; coding.</b>		
<b>2</b>	<b>To understand about different types of channels and channel capacity.</b>		
<b>3</b>	<b>To understand the concept of galois field, error detection &amp; error correction.</b>		
<b>4</b>	<b>To understand about cyclic codes &amp; its properties.</b>		
<b>5</b>	<b>To get to know about BCH code &amp; viterbi algorithm.</b>		

<b>Course Title:</b>	<b>System Programming</b>		
<b>Course Code:</b>	<b>MTDC-303</b>		
<b>Program:</b>	<b>M.Tech. (DC)</b>		<b>Semester - III</b>
<b>Credits:</b>	<b>T - 04</b>	<b>P - 00</b>	<b>Total - 04</b>
<b>Course Outcome</b>			
<b>1</b>	<b>Basic knowledge of flow chart and textual representation.</b>		
<b>2</b>	<b>Able to understand data structure array-various operations with array.</b>		
<b>3</b>	<b>Able to understand tree &amp; array.</b>		
<b>4</b>	<b>Able to learn Searching and sorting.</b>		
<b>5</b>	<b>Able to study Overview of system programs.</b>		

<b>Course Title:</b>	<b>Satellite Communication</b>		
<b>Course Code:</b>	<b>MTDC-3101</b>		
<b>Program:</b>	<b>M.Tech. (DC)</b>		<b>Semester : III</b>
<b>Credits:</b>	<b>T-4</b>	<b>P-Nil</b>	<b>Total-4</b>
<b>Course Outcome</b>			
<b>1</b>	<b>To be able to understand the overview of satellite systems.</b>		
<b>2</b>	<b>To understand the geo stationary orbit, polarization &amp; de-polarization.</b>		
<b>3</b>	<b>To get to know about space segment &amp; earth segment.</b>		
<b>4</b>	<b>To be able to understand about space link &amp; link design.</b>		
<b>5</b>	<b>To be able to understand about satellite services.</b>		

<b>Course Title:</b>	<b>Speech Processing</b>		
<b>Course Code:</b>	<b>MTDC-3102</b>		
<b>Program:</b>	<b>M.Tech. (DC)</b>	<b>Semester-III</b>	
<b>Credits:</b>	<b>T-04</b>	<b>P-Nil</b>	<b>Total-04</b>
<b>Course Outcome</b>			
<b>1</b>	<b>To get to know about the Speech production and acoustic phonetics.</b>		
<b>2</b>	<b>To be able to understand the Speech Enhancement.</b>		
<b>3</b>	<b>To understand the Speech Recognition.</b>		
<b>4</b>	<b>To understand the current speech recognition design Speech synthesis.</b>		
<b>5</b>	<b>To get to know about Applications of speech processing.</b>		
<b>Course Title: Artificial Intelligence</b>			
<b>Course Code: MTDC-3103</b>			
<b>Program: M.Tech. (DC)</b>		<b>Semester-III</b>	
<b>Credits:</b>	<b>T-04</b>	<b>P-Nil</b>	<b>Total-04</b>
<b>Course Outcome</b>			
<b>1</b>	<b>To get to know about Introduction &amp; problem characteristics in artificial intelligence.</b>		
<b>2</b>	<b>To understand the Game-playing.</b>		
<b>3</b>	<b>To be able to understand the Knowledge representation.</b>		
<b>4</b>	<b>To understand the Expert System.</b>		
<b>5</b>	<b>To be able to understand the Introduction to artificial neural network.</b>		
<b>Course Title: Microwave Circuits</b>			
<b>Course Code: MTDC-3201</b>			
<b>Program: M.Tech. (DC)</b>		<b>Semester-III</b>	
<b>Credits:</b>	<b>T-04</b>	<b>P-Nil</b>	<b>Total-04</b>
<b>Course Outcome</b>			
<b>1</b>	<b>To understand the Conceptual understanding of wave propagation in the guided media.</b>		
<b>2</b>	<b>To get to know about Pointing and vector theorems and Maxwell's theorem.</b>		
<b>3</b>	<b>To be able to understand the RF and Microwave analysis.</b>		
<b>4</b>	<b>To understand the Microwave components.</b>		
<b>5</b>	<b>To get to know about Microwave devices &amp; circuits.</b>		

<b>Course Title:</b>			
<b>Course Code:</b>	<b>MTDC-3202</b>		
<b>Program:</b>	<b>M.Tech. (DC)</b>	<b>Semester - III</b>	
<b>Credits:</b>	<b>T - 04</b>	<b>P - Nil</b>	<b>Total - 04</b>
<b>Course Outcome</b>			
<b>1</b>	<b>To understand the Embedded Micro controller Cores.</b>		
<b>2</b>	<b>To get to know about Embedded System Design Aspects.</b>		
<b>3</b>	<b>To be able to understand the Software aspects of Embedded Systems.</b>		
<b>4</b>	<b>To understand the Serial Communication Interface.</b>		
<b>5</b>	<b>To be able to understand the Case study of Embedded Applications.</b>		

<b>Course Title:</b>	<b>Microelectronics Chip Fabrication</b>		
<b>Course Code:</b>	<b>MTDC-3203</b>		
<b>Program:</b>	<b>M.Tech. (DC)</b>	<b>Semester -III</b>	
<b>Credits:</b>	<b>T-04</b>	<b>P-Nil</b>	<b>Total-04</b>
<b>Course Outcome</b>			
<b>1</b>	<b>To understand the Environment for VLSI Technology.</b>		
<b>2</b>	<b>To be able to understand about impurity incorporation.</b>		
<b>3</b>	<b>To understand the oxidation.</b>		
<b>4</b>	<b>To get to know about lithography.</b>		
<b>5</b>	<b>To understand about metal film deposition.</b>		