


M Tech CO Direct Attainment for 2019-21 Batch

Subject Code for NBA	Subject Name	Internal Examination							External Examination	Direct Attainment (0.3 * X + 0.7 * Y)
		CO1	CO2	CO3	CO4	CO5	CO6	Overall Attainment (X)	Attainment (Y)	
I Year I Sem										
PC101	Advanced Digital System Design	0	1	0	3	2	1	1	2	1.7
PC102	Wireless and Mobile Communications	3	3	0	3	2	0	2	3	2.7
PC103	VLSI Technology and Design	3	0	0	1	3	0	1	2	1.7
PC104	Advanced Computer Architecture									
PC105	System on Chip Architecture									
PC106	Advanced Digital Signal Processing									
PC107	Detection and Estimation Theory									
PC108	Coding Theory and Techniques	3	3	0	3	2	0	2	3	2.7
PC109	Advanced Digital System Design Lab	2	0	0	0	0	0	0	3	2.1
PC110	Wireless and Mobile Communications Lab	2	0	3	3	0	0	0	3	2.1
PC111	Research Methodology and IPR	0	3	3	3	3	0	2	3	2.7
PC112	English for Research Paper Writing									
PC113	Disaster Management									
PC114	Pedagogy Studies									
PC115	Personality Development through Life Enlightenment Skills									
I Year II Sem										
PC116	Microcontrollers and Programmable Digital Signal Processors	3	3	2	3	0	2	3	3	3
PC117	Advanced Communication Networks	2	3	1	3	3	3	3	2	2.3
PC118	Embedded System Design	1	2	2	0	3	0	1	3	2.4
PC119	Low Power VLSI Design									
PC120	Design of Fault Tolerant Systems									

Signature
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PC121	Digital Image and Video Processing	0	3	0	3	3	2		3	2.7
PC122	Machine Learning									
PC123	Wireless Sensor Networks	0	0	0	0	2	0	0	3	2.1
PC124	Microcontrollers and Programmable Digital Signal Processors Lab	3	1	1	1	1	3	2	3	2.7
PC125	Advanced Communication Networks Lab	1	0	0	0	0	3	0	3	2.1
PC126	MINI PROJECT with Seminar	3	3	3	3	3	3	3	3	3
PC127	Sanskrit for Technical Knowledge									
PC128	Value Education									
PC129	Constitution of India									
PC130	Stress Management by YOGA									
II Year I Sem										
PC131	MIMO Systems									
PC132	Real Time Operating Systems									
PC133	Internet of Things and Applications	3	2	0	3	2	1	2	3	2.7
PC134	Business Analytics									
PC135	Industrial Safety									
PC136	Operations Research									
PC137	Cost Management of Engineering Projects									
PC138	Composite Materials									
PC139	Energy from Waste	3	3	3	3	3	3	1	3	2.4
PC140	Power from Renewable Energy Sources									
PC141	Project Phase - 1	3	3	3	3	3	3	3	3	3
II Year II Sem										
PC142	Project Phase - 2	3	3	3	3	3	3	3	3	3


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