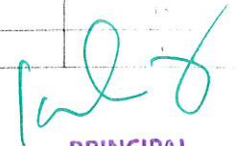


**G Narayanamma Institute of Technology and Science (for women),
ECE Department**

BTech CO Direct Attainment for 2015-19 Batch


Subject Code for NBA	Subject Name	Internal Examination						Overall Attainment (X)	External Examination Attainment (Y)	Direct Attainment (0.25 * X + 0.75 * Y)
		CO1	CO2	CO3	CO4	CO5	CO6			
1st Year										
C101	English	3	2	2	1	1	2	2	2	2
C102	Mathematics-I	1	2	2	0	0	0	1	1	1
C103	Computer Programming	1	2	0	1	1	1	1	1	1
C104	Engineering Physics	3	1	0	0	2	1	1	1	1
C105	Engineering Drawing	3	3	3	3	3	2	3	3	3
C106	Computer Programming Lab							3	3	3
C107	English Lab							3	3	3
C108	Engineering Physics Lab							3	3	3
C109	Mathematics-II	3	2	2	3	1	3	3	3	3
C110	Mathematics-III	3	0	1	0	1	1	1	1	1
C111	Electrical Circuits	3	3	2	3	1	1	2	2	2
C112	Engineering Chemistry	3	2	2	1	0	2	2	2	2
C113	Data Structures	3	2	0	1	2	2	2	2	2
C114	Engineering Chemistry Lab							3	3	3
C115	Electrical Circuits Lab							3	3	3
C116	Data Structures Lab							3	3	3
2nd Year										
C201	Mathematics-III							2	2	2
C202	Probability Theory & Stochastic Processes	3	2	3	2			3	2	2.25
C203	Switching Theory & Logic Design	3	2	3	2			3	0	0.75
C204	Electrical Circuits	2	3	0	0			1	1	1
C205	Electronic Devices & Circuits	2	1	0	2	1		1	1	1
C206	Signals & Systems	3	1	3	1	0	2	2	2	2
C207	Electronic Devices & Circuits Lab							3	3	3
C208	Basic Simulation Lab							3	3	3
C209	Principles of Electrical Engineering	3	3	1	2			3	1	1.5
C210	Electronic Circuits Analysis	3	3	1	2			3	1	1.5
C211	Pulse and Digital Circuits	3	0	3	0			1	1	1
C212	Environmental Studies	2	3	2	3	2	1	2	2	2
C213	Electromagnetic Theory and Transmission Lines	3	3	3	3			3	0	0.75
C214	Digital Design using VHDL	2	3	3	3			3	0	0.75
C215	Electrical Technology Lab							3	3	3
C216	Electronics circuits and Pulse Circuits Lab							3	3	3
3rd Year										
C301	Control Systems Engineering	3	3	2	2	3		3	1	1.5
C302	Computer Organization and Operating Systems	2	3	2	3	2	1	2	0	0.5
C303	Antennas & Wave Propagation	0	1	1	3	0		1	1	1
C304	Electronic Measurements and Instrumentation	2	2	2	3			2	0	0.5
C305	Analog Communications	3	3	0	1			2	0	0.5
C306	Linear and Digital IC Applications	3	3	3	2			3	1	1.5
C307	Analog Communications Lab	0	0	0	2			0	3	3



PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104.

C308	IC Applications and HDL Simulation Lab	0	0	0	0	0	0	0	0	0	0	0
C309	Managerial Economics and Financial Analysis	3	2	0	3	2	3	3	3	3	3	3
C311	Disaster Management	3	1	1	0	3	3	3	3	3	3	3
C313	Digital Communications	3	3	3	3			3	3	0	0	0.75
C314	VLSI Design	3	3	2	3			3	3	0	0	0.75
C315	Microprocessors and Microcontrollers	2	2	3	3			3	3	2	2	2.25
C316	Digital Signal Processing	3	3	1	3			3	3	4	4	3
C317	Microprocessors and Microcontrollers Lab	0	2	2	3			2	2	0	0	0.5
C318	Digital Signal Processing Lab	0	0	0	0	0	1	0	0	3	3	3
4 th Year												
C401	Management Science	3	2	3				3	3	3	3	3
C402	Microwave Engineering	3	3	1	3	2	2	3	3	3	3	3
C403	Computer Networks	3	0	1	2	3		2	2	0	0	0.5
C404	Cellular And Mobile Communications	3	3	3	3			3	3	1	1	1.5
C405	Digital Image Processing	3	1	3	2			2	2	3	3	2.75
C407	OOPS through Java	3	3	1	3	0	2	2	2	3	3	2.75
C410	Embedded Systems Design	3	3	0	3	3	3	3	3	1	1	1.5
C411	Advanced English Communication Skills Lab	3	3	3	3	3	3	3	3	3	3	3
C412	Microwave Engineering and Digital Communications Lab	1	3	3	2			2	2	1	1	1.25
C413	Satellite Communications	3	2	1	3			2	2	1	1	1.25
C415	Artificial Neural Networks	3	2	3	0	3	3	3	3	3	3	3
C417	Radar Systems	3	3	3	0	0	2	2	2	2	2	2
C419	Wireless Communications and Networks	2	3	0	0	0	3	1	1	3	3	2.5
C420	Digital Signal Processors and Architectures	2	3	2	1	1	3	2	2	3	3	2.75
C422	Industry Oriented Mini Project							3	3	3	3	3
C423	Seminar	0	0	3	3			3	3	3	3	3
C424	Major Project	1	1	1	2	2		1	1	3	3	2.5
C425	Comprehensive Viva							2	2	2	2	2

Dr B Venkateshulu,
HOD ECE


PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104.