

NEHRU MEMORIAL COLLEGE

(An Autonomous Institution Accredited with "A" Grade by NAAC)

Puthanampatti-621007

COURSES HAVING FOCUS ON EMPLOYABILITY/

ENTREPRENEURSHIP/SKILL DEVELOPMENT

M.Sc., EMBEDDED SYSTEMS

Revised Syllabus 2019 Onwards

Sem	Sub. Code	Title of the Course	Employability	Entrepreneurship	Skill Based	
I	19PE101	Fundamental of Embedded Systems			✓	
	19PE102	Analog Interfacing Devices for Embedded Systems			✓	
	19PE103	Design of Embedded Systems with PIC Microcontroller	✓			
	19PE104L	PIC Microcontroller Programming Lab		✓		
	19PE105L	Embedded C Programming Lab		✓		
II	19PE206	Engineering Mathematics			✓	
	19PE207	Mixed Signal Processors for Embedded Systems	✓			
	19PE208	AVR Architecture and Programming	✓			
	19PE209L	Mixed Signal Processors and AVR Programming Lab		✓		
	19PE210a	Robotics			✓	
	19PE210b	Embedded Networking			✓	
	19PE210c	Hardware Software Co-Design			✓	
	19PE211CEa	The 8051 Microcontroller Architecture and Programming	✓			
	19PE211CEb	Advanced Microcontroller	✓			
	19PE211CEc	Online Courses			✓	
III	19PE312	Real Time Operating System with ARM Microcontroller	✓			
	19PE313	Programmable System on Chip	✓			
	19PE314L	ARM & PSoC Microcontroller Programming Lab		✓		
	19PE315	Internship		✓		
	19PE316L	Circuit Design And Simulation Lab	✓			
	19PE317a	Programming in JAVA			✓	
	19PE317b	Embedded Linux			✓	
	19PE317c	Soft Computing			✓	
	IV	19PE418a	Python with Raspberry Pi	✓		
		19PE418b	Wireless Sensor Networks	✓		
19PE418c		Advanced Digital Image Processing			✓	
19PE419a		Internet of Things		✓		
19PE419b		Advanced ARM Microcontroller			✓	
19PE419c		Network on Chip			✓	
19PE420MP		Project	✓			

Chairman of BOS

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