



# NEHRU MEMORIAL COLLEGE

(AUTONOMOUS)

(Accredited With "A" grade by NAAC)

Puthanampatti - 621 007

Tiruchirappalli District, Tamil Nadu, India

**Programme: M.Sc Embedded System**

**Percentage of programs where syllabus revision was carried out (2019-2020)**

Sem	Course	Sub. Code	Title of the Course	Whether Syllabus is Old/New	% of Modification	If is relevant to SSC/TNP SC /UPSC
I	CC-I	19PE101	Fundamental of Embedded Systems	Old	40	ALL
	CC-II	19PE102	Analog Interfacing Devices for Embedded Systems	Old	50	ALL
	CC-III	19PE103	Design of Embedded Systems with PIC Microcontroller	Old	--	ALL
	CC-IV	19PE104L	PIC Microcontroller Programming Lab	Old	10	ALL
	CC-V	19PE105L	Embedded C Programming Lab	New	100	ALL
II	CC-VI	19PE206	Engineering Mathematics	Old	0	ALL
	CC-VII	19PE207	Mixed Signal Processors for Embedded Systems	New	100	ALL
	CC-VIII	19PE208	AVR Architecture and Programming	Old	0	ALL
	CC-IX	19PE208L	Mixed Signal Processors and AVR Programming Lab	Old	50	ALL
	CEC-I	19PE209L	Robotics	Old	40	ALL
			Embedded Networking	Old	60	ALL
			Hardware Software Co- Design	Old	0	ALL
	OEC-I	19PE210	The 8051 microcontroller Architecture And Programming	Old	0	ALL
Advanced Microcontroller			New	100	ALL	
Online Course			New	100	ALL	
III	CC-X	19PE311	Real Time Operating System with ARM Microcontroller	Old	60	ALL
	CC-XI	19PE312	Programmable System on Chip	Old	0	ALL
	CC-XII	19PE313L	ARM &PSoC	Old	0	ALL

			Microcontroller Programming Lab			
	CC-XIII	19PEIS	Internship	Old	0	ALL
	CC-XIV	19PE314L	Circuit Design And Simulation Lab	New	100	ALL
	CEC- II	19PE315	Programming In Java	Old	60	ALL
Embedded Linux			Old	40	ALL	
Soft Computing			Old	25	ALL	
IV	CEC-III	19PE416	Python With Raspberry Pi	New	100	ALL
			Wireless Sensor Networks	New	0	ALL
			Advanced Digital Image Processing	New	100	ALL
	CEC-IV	19PE417	Internet Of Things	New	100	ALL
			Advanced Arm Microcontroller	New	100	ALL
			Network On Chip	New	100	ALL
CC- XV	19PE418P	Project			ALL	

71.75%

  
Coordinator

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