



Vivekanand Education Society's
Institute of Technology

(Autonomous)

Approved by AICTE, Affiliated to University of Mumbai

Department of
Electronics and Computer Science

Syllabus Scheme - NEP

SEM - V

A.Y. 2025-26



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Semester V Teaching Scheme								
Course Code	Course Name	Teaching Scheme (Contact hours)			Credits Assigned			
		TH	PR	TUT	TH	PR	TUT	TOTAL
NECPC51	Digital VLSI	3	2	---	3	1	---	4
NECPC52	Digital Signal Processing	3	---	1	3	---	---	3
NECPC53	Software Engineering	2	2	---	2	1	---	3
NECPE15X	Program Elective 1*	3	2	---	3	1	---	4
NECMM 53	Internet of Things	3	2	---	3	1	---	4
NOE5XX	Open Elective **	3	---	1	3	---	1	4
Total Credits								22

Semester V Marks Scheme							
Course Code	Course Name	TH	MT	CA	TW	PR/OR	Total
NECPC51	Digital VLSI	60	20	20	25	25	150
NECPC52	Digital Signal Processing	60	20	20	25	---	125
NECPC53	Software Engineering	60	20	20	25	25	150
NECPE15X	Program Elective 1*	60	20	20	25	25	150
NECMM 53	Internet of Things	60	20	20	25	25	150
NOE5XX	Open Elective **	60	20	20	---	---	100
Total Marks							825

*Program Electives (PEC 1)	**Open Electives (OE)
NECPE151: Statistics for Engineers	NOE501: AI for Healthcare
NECPE152: Design and Analysis of Algorithms	NOE502: Geographical Information Systems
NECPE153: Communication System	NOE503: Cyber Laws and Digital Forensics
	NOE504: Social Media Analytics
	NOE505: Mobile App Development