

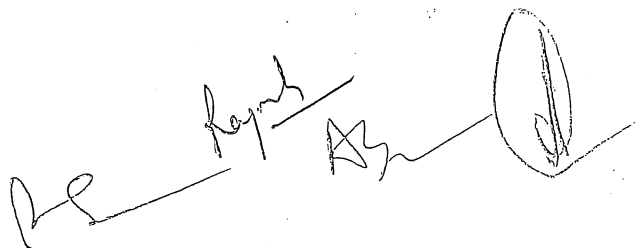
SEMESTER- I

Sr.No	Course Code	Courses	L-T-P	Credits	
1	EC537	Embedded Systems Concepts and Design	3-1-0	C1	4
2	CS523	Advanced Computer Architecture	3-1-0	C2	4
3	EC539	Advanced Digital Signal Processing	3-1-0	C3	4
4	CS527	Research Techniques in ICT	3-1-0	SEC1	4
5		Open Elective-I	3-0-0	OE1	3
6	EC589	Advanced Digital Signal Processing Lab	0-0-3	C4	2
7	EC587	Embedded System Lab	0-0-3	C5	2
8	GP	General Proficiency	---	Non Credit	
Total Credits					23
Total Contact Hours			15-4-6		25

1. Open Electives-I
Electives from other school

SEMESTER- II

Sr. No.	Course Code	Courses	L-T-P	Credits	
1	MA402	Generic Elective	3-1-0	GE1	4
2	EC560	VLSI Architecture	3-0-0	C6	3
3	EC564	Software for Embedded Systems	3-0-0	C7	3
4	EC566	Real Time Systems	3-0-0	C8	3
5		Elective-I	3-0-0	DSE1	3
6	EC586	VLSI Architecture Lab	0-0-3	C9	2
7	EC592	Major Project	0-0-10	DP1	5
8	GP	General Proficiency		Non Credit	
Total Credits					23
Total Contact Hours			15-1-13		29

Report


Electives (1)

Sr.No	Course Code	Courses
1	EC538	Analog IC design
2	EC552	CMOS Digital IC Design
3	EC554	Embedded Systems for Wireless and Mobile Communication
4	EC556	VLSI Technology
5	EC558	Embedded C
6	EC570	System Specifications and Modeling
7	EC572	Elements of System Reliability
8	EC598	Embedded Linux
9	EC548	System on Chip

Generic Elective (GE1)

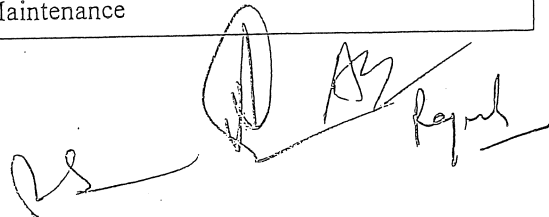
1. MA 402 Modeling and Simulation
2. MA416 Probability and Stochastic Process

SEMESTER – III

Sr. No.	Course Code	Courses	L-T-P	Credits
1	EC661	FPGA Architecture and Applications	3-0-0	C10 3
2	EC663	Hardware Software Co design	3-0-0	C11 3
3		Elective-2	3-0-0	DSE2 3
4		Elective-3	3-0-0	DSE3 3
5	EC685	Hardware Software Co Design Lab	0-0-3	C12 2
7	EC691	Dissertation Part-I	0-0-14	DP2 7
8.	GP	General Proficiency		Non Credit
		Total	12-0-17	21
		Total Contact Hours		29

Electives (2 & 3)

Sr.No	Course Code	Courses
1	EC653	Network for Embedded Systems
2	EC655	Sensor and Actuator
3	EC657 ✓	Microelectronics
4	EC659	Microcontrollers for Embedded System Design
5	EC669 ✓	Algorithm for VLSI design Automation
6	EC671	Microcontroller Based System Design
7	CS699	Robotics
8	CS661	Expert Systems Design
9	CS679	Fuzzy Set Theory
10	CS647	Software Maintenance



SEMESTER - IV

Sr. No.	Subject Code	Courses	ETP	Credits
1	EC690	Dissertation Phase-II	---	DP3 23
2	GP	General Proficiency	---	Non Credit 0
Total			---	23

Grand Total Credits = 90

A large, thin, curved line is drawn across the page, starting from the top left and extending towards the bottom right. Below this line, there are several handwritten signatures and initials. One signature is clearly visible, appearing to be 'AS' followed by a flourish. Another signature is partially visible below it. There are also some other scribbles and marks.