Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

Name : RITESH RANJAN   Register Number : 21MVD0040

CREDIT INFO		
S.no	**Catagory**	**Credits**
1	Programme Core	19
2	Programme Elective	18
3	University Core	27
4	University Elective	6
Total Credits		70

Programme Core									
sl.no	**Course Code**	**Course Title**	**Course Type**	**Version**	**L**	**T**	**P**	**J**	**Credits**
1	ECE5014	ASIC Design	Embedded Theory and Lab	1.1	3	0	2	0	4
2	ECE5015	Digital IC Design	Embedded Theory and Project	1	3	0	0	4	4
3	ECE5016	Analog IC Design	Embedded Theory and Lab	1	3	0	2	0	4
4	ECE5017	Digital Design with FPGA	Embedded Theory, Lab and Project	1	2	0	2	4	4
5	ECE5018	Physics of VLSI Devices	Theory Only	1.1	3	0	0	0	3

Programme Elective									
sl.no	**Course Code**	**Course Title**	**Course Type**	**Version**	**L**	**T**	**P**	**J**	**Credits**
1	ECE5019	Computer Aided Design for VLSI	Theory Only	1	3	0	0	0	3
2	ECE5020	DSP Architectures	Embedded Theory and Project	1	2	0	0	4	3
3	ECE5022	VLSI Digital Signal Processing	Theory Only	1.1	3	0	0	0	3
4	ECE5023	Memory Design and Testing	Theory Only	1.1	3	0	0	0	3
5	ECE5024	IC Technology	Theory Only	1.1	3	0	0	0	3
6	ECE5025	System-on-Chip Design	Theory Only	1	3	0	0	0	3
7	ECE5026	System Design with FPGA	Embedded Theory and Project	1	2	0	0	4	3
8	ECE5029	VLSI Testing and Testability	Theory Only	1.1	3	0	0	0	3
9	ECE5030	Scripting Languages for VLSI Design Automation	Embedded Theory and Lab	1	2	0	2	0	3
10	ECE6024	VLSI Verification Methodologies	Embedded Theory and Project	1	2	0	0	4	3

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			Programme Elective							
11	ECE6025	Low Power IC Design	Embedded Theory and Project	1	2	0	0	4	3
12	ECE6026	Mixed Signal IC Design	Embedded Theory and Project	1	2	0	0	4	3
13	ECE6027	RFIC Design	Embedded Theory and Project	1	2	0	0	4	3
14	ECE6028	Nanoscale Devices and Circuit Design	Embedded Theory and Project	1	2	0	0	4	3

			University Core						
sl.no	Course Code	Course Title	Course Type	Version	L	T	P	J	Credits
1	ECE6099	Masters Thesis	Project	1	0	0	0	0	16
2	EFL5097	English and Foreign Language	Basket	1	0	0	0	0	2
3	MAT5009	Advanced Computer Arithmetic	Theory Only	1.1	2	1	0	0	3
4	SET5001	Science, Engineering and Technology Project - I	Project	1	0	0	0	0	2
5	SET5002	Science, Engineering and Technology Project - II	Project	1	0	0	0	0	2
6	STS6777	Soft Skills M.Tech.	Basket	1	0	0	0	0	2