

Walchand College of Engineering

(Government Aided Autonomous Institute)

Vishrambag, Sangli. 416 415



Credit System for

S. Y. B. Tech. (Electronics Engineering)

Sem-III and IV

Applicable to AY 2024-25 and onwards

Walchand College of Engineering


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Credit System for Second Year B. Tech. (Electronics Engineering) Sem.-III and IV

Applicable to AY 2024-25 and onwards

Sr. No.	Category	Course Code	Course Name	L	T	P	Hrs	Cr	MSE/LA1	ISE/LA2	ESE	Ext
Professional Core (Theory)												
01	PCC	7EN201	Circuit Theory	3	0	0	3	3	30	20	50	
02	PCC	7EN202	Electronic Circuit Analysis and Design	3	0	0	3	3	30	20	50	
03	PCC	7EN203	Digital System and Microprocessor	3	0	0	3	3	30	20	50	
04	PCC	7EN204	Electronic Instrumentation	2	0	0	2	2	30	20	50	
Professional Core (Lab)												
05	PCC	7EN251	Electronic Circuit Analysis and Design Lab	0	0	2	2	1	30	30	40	POE
06	PCC	7EN252	Digital System and Microprocessor Lab	0	0	2	2	1	30	30	40	POE
07	PCC	7EN253	Data Structure and Algorithm Lab	1	0	2	3	2	30	30	40	POE
Mandatory Courses												
08	BSC	7MA204	Mathematics for Electronics Engineers	3	0	0	3	3	30	20	50	
09	IKS	Refer List	IKS Elective	2	0	0	2	2	30	20	50	
10	EEM	7EE201	Understanding Incubation and Entrepreneurship (NPTEL)	3	0	0	3	3				
			Total	20	0	6	26	23				


Prof. S. K. Parchandekar
DAC/Secretary, BoS


Dr. S.D. Ruikar
Head, Electronics Engg. Dept./
Chairman, BoS


Dr. A.K. Kokane
I/c Dean Academics


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Professional Core (Theory)													
01	PCC	7EN221	Integrated Circuits and Applications	3	0	0	3	3	30	20	50		
02	PCC	7EN222	Communication Engineering	3	0	0	3	3	30	20	50		
03	PCC	7EN223	Microcontroller and Peripheral Interfacing	3	0	0	3	3	30	20	50		
Professional Core (Lab)													
04	PCC	7EN271	Integrated Circuits and Applications Lab	0	0	2	2	1	30	30	40	POE	
05	PCC	7EN272	Communication Engineering Lab	0	0	2	2	1	30	30	40	OE	
06	PCC	7EN273	Microcontroller and Peripheral Interfacing Lab	0	0	2	2	1	30	30	40	POE	
Multi-Disciplinary Minor (MDM)													
07	MDM	Refer List	MDM	3	0	0	3	3	30	20	50		
Mandatory Courses													
08	ESC	7ESEN201	Signals and Systems	3	0	0	3	3	30	20	50		
09	VSEC	7VSEN271	Python Programming	0	0	2	2	1	30	30	40		
10	AEC	7AE201	Employability Skills	2	0	0	2	2	30	20	50		
11	VEC	7VE201	Value Education	2	0	0	2	2	30	30	40		
Total				19	0	8	27	23					


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