

# **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**  
(Government Aided Autonomous Institute)

**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	I	P	Hrs	Cr	MSE/LA1	ISE/LA2	ESE	Ext
<b>Professional Core (Theory)</b>													
01	PCC	7EN201	Circuit Theory	3	0	0	0	3	3	30	20	50	
02	PCC	7EN202	Electronic Circuit Analysis and Design	3	0	0	0	3	3	30	20	50	
03	PCC	7EN203	Digital System and Microprocessor	3	0	0	0	3	3	30	20	50	
04	PCC	7EN204	Electronic Instrumentation	2	0	0	0	2	2	30	20	50	
<b>Professional Core (Lab)</b>													
05	PCC	7EN251	Electronic Circuit Analysis and Design Lab	0	0	0	2	2	1	30	30	40	POE
06	PCC	7EN252	Digital System and Microprocessor Lab	0	0	0	2	2	1	30	30	40	POE
07	PCC	7EN253	Data Structure and Algorithm Lab	1	0	0	2	3	2	30	30	40	POE
<b>Mandatory Courses</b>													
08	BSC	7MA204	Mathematics for Electronics Engineers	3	0	0	0	3	3	30	20	50	
09	IKS	Refer List	IKS Elective	2	0	0	0	2	2	30	20	50	
10	EEM	7EE201	Understanding Incubation and Entrepreneurship (NPTEL)	3	0	0	0	3	3				
Total				20	0	0	6	26	23				

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

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

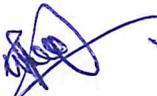
  
Dr. A.K. Kokane  
Dean Academics

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Sr. No.	Category	Course Code	Course Name	L	T	I	P	Hrs	Cr	MSE/LA1	ISE/LA2	ESE	Ext
<b>Professional Core (Theory)</b>													
01	PCC	7EN221	Integrated Circuits and Applications	3	0	0	0	3	3	30	20	50	
02	PCC	7EN222	Communication Engineering	3	0	0	0	3	3	30	20	50	
03	PCC	7EN223	Microcontroller and Peripheral Interfacing	3	0	0	0	3	3	30	20	50	
<b>Professional Core (Lab)</b>													
04	PCC	7EN271	Integrated Circuits and Applications Lab	0	0	0	2	2	1	30	30	40	POE
05	PCC	7EN272	Communication Engineering Lab	0	0	0	2	2	1	30	30	40	OE
06	PCC	7EN273	Microcontroller and Peripheral Interfacing Lab	0	0	0	2	2	1	30	30	40	POE
<b>Multi-Disciplinary Minor (MDM)</b>													
07	MDM	Refer List	MDM	2	0	1	0	3	3	30	20	50	
<b>Mandatory Courses</b>													
08	ESC	7ESEN201	Signals and Systems	3	0	0	0	3	3	30	20	50	
09	VSEC	7VSEN271	Python Programming	0	0	0	2	2	1	30	30	40	
10	AEC	7AE201	Employability Skills	2	0	0	0	2	2	30	20	50	
11	VEC	7VE201	Value Education	2	0	0	0	2	2	30	30	40	
Total				18	0	1	8	27	23				

  
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