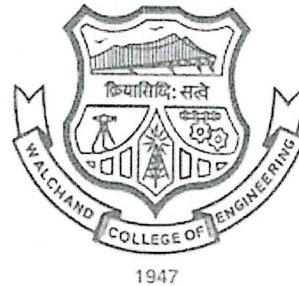


Walchand College of Engineering

(Government Aided Autonomous Institute)

Vishrambag, Sangli. 416 415



Credit System for

Second Year B.Tech. (Mechanical Engineering)

Sem.-III and IV

Applicable to AY 2024-25 and onwards




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Credit System for Second Year B.Tech. (Mechanical 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/LA 1	ISE/LA 2	ESE	Ext	
Professional Core (Theory)													
01	PC	7ME201	Thermodynamics	3	0	0	3	3	30	20	50		
02	PC	7ME202	Materials Science and Metallurgy	3	0	0	3	3	30	20	50		
03	PC	7ME203	Strength of Materials	3	0	0	3	3	30	20	50		
04	PC	7ME204	Manufacturing Processes - I	3	0	0	3	3	30	20	50		
Professional Core (Lab)													
05	PC	7ME251	Thermodynamics Lab	0	0	2	2	1	30	30	40	PO E	
06	PC	7ME252	Materials Science and Metallurgy Lab	0	0	2	2	1	30	30	40	PO E	
Mandatory Courses													
07	BSC	7MA202	Mathematics for Mechanical Engineers	3	0	0	3	3	30	20	50		
08	EEM	7EE201	Understanding Incubation and Entrepreneurship (NPTEL)	3	0	0	3	3					
09	VEC	7VE201	Value Education	2	0	0	2	2	30	30	40		
10	VSEC	7VSME251	Workshop Practice	0	0	2	2	1	30	30	40		
Total				20	0	6	26	23					


Prof. R. M. Chanmanwar
DAC/Secretary, BoS


Dr. S. U. Sapkal
Head, Mechanical Engg. Dept./
Chairman, BoS


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Sr.No	Category	Course Code	Course Name	L	T	P	Hrs	Cr	MSE/LA 1	ISE/LA 2	ESE	Ext	
Professional Core (Theory)													
01	PC	7ME221	Fluid Mechanics and Fluid Machines	3	0	0	3	3	30	20	50		
02	PC	7ME222	Kinematics and Theory of Machines	3	0	0	3	3	30	20	50		
03	PC	7ME223	Manufacturing Processes - II	3	0	0	3	3	30	20	50		
Professional Core (Lab)													
04	PC	7ME271	Fluid Mechanics and Fluid Machines Lab	0	0	2	2	1	30	30	40	PO E	
05	PC	7ME272	Kinematics and Theory of Machines Lab	0	0	2	2	1	30	30	40	PO E	
Multi-Disciplinary Minor (MDM)													
06	MDM	Refer List	MDM	3	0	0	3	3	30	20	50		
Mandatory Courses													
07	ESC	7ESME201	Numerical Methods	2	1	0	3	3	30	20	50		
08	AEC	7AE201	Employability Skills	2	0	0	2	2	30	20	50		
09	IKS	Refer List	IKS Elective	2	0	0	2	2	30	20	50		
10	VSEC	7VS271	Computer Aided Design and Drafting Lab	0	0	2	2	1	30	30	40	PO E	
11	CEP/FP	7CE271	Field Study's	0	0	2	2	1	30	30	40		
Total				18	1	6	25	23					

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