

Walchand College of Engineering

(Government Aided Autonomous Institute)

Vishrambag, Sangli. 416415



**Credit System for
S.Y. M.Tech. (Design Engineering)
Sem-III and IV**

2023-24



Walchand College of Engineering, Sangli

(Government Aided Autonomous Institute)

Credit System for S.Y. M.Tech. (Design Engineering) Sem-III AY 2023-24

Sr.No.	Category	Course Code	Course Name	L	T	P	I	Hrs	Cr	MSE/LA1	ISE/LA2	ESE	Remark	
Professional Core (Lab)														
1	PR	6DE645	Dissertation Phase-I	0	0	6	0	6	3	100	0	0		
2	PR	6DE646	Dissertation Phase-II	0	0	6	0	6	3	0	100	0		
3	PR	6DE647	Dissertation Phase-III	0	0	8	0	8	4	0	0	100	OE	
Professional Elective (Theory)														
4	PE	Refer list	Professional Elective 5	3	0	0	0	3	3	30	20	50		
AICTE Mandatory Courses														
5	MC	6IC602	Constitution of India	2	0	0	0	2	0	30	20	50		
Total				5	0	20	0	25	13					

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Date:



Walchand College of Engineering, Sangli

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Professional Elective Course List for S.Y. M.Tech. (Design Engineering) Sem-III AY 2023-24

Sr.No.	Track	Course Code	Course Name
Professional Elective 5			
1	Stress Analysis	6DE611	Advanced Finite Element Method
2	Design of Machines and Products	6DE612	Multi-body Dynamics
3	Stress Analysis	6DE613	Experimental Stress Analysis
4	Design of Machines and Products	6DE614	Product life Cycle Management (PLM)

Notes:

For Theory courses: There shall be MSE, ISE and ESE. The ESE is a separate head of passing.

For Lab courses: There shall be continuous assessment (LA1, LA2, ESE). The ESE is a separate head of passing. The Y in the PoE indicates external component for ESE. Minimum two AICTE mandatory courses need to be completed for award of degree.

For further details, refer to Academic and Examination rules and regulations.

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Walchand College of Engineering, Sangli

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Credit System for S.Y. M.Tech. (Design Engineering) Sem-IV AY 2023-24

Sr.No.	Category	Course Code	Course Name	L	T	P	I	Hrs	Cr	MSE/LA1	ISE/LA2	ESE	Remark	
Professional Core (Lab)														
1	PR	6DE691	Dissertation Phase-IV	0	0	10	0	10	5	100	0	0		
2	PR	6DE692	Dissertation Phase-V	0	0	10	0	10	5	0	100	0		
3	PR	6DE693	Dissertation Phase-VI	0	0	12	0	12	6	0	0	100	OE	
AICTE Mandatory Courses														
4	MC	6IC601	Value Education	2	0	0	0	2	0	30	20	50		
Total				2	0	32	0	34	16					

Notes:

For Theory courses: There shall be MSE, ISE and ESE. The ESE is a separate head of passing.

For Lab courses: There shall be continuous assessment (LA1, LA2, ESE). The ESE is a separate head of passing. The Y in the PoE indicates external component for ESE. Minimum two AICTE mandatory courses need to be completed for award of degree.

For further details, refer to Academic and Examination rules and regulations.


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