

Walchand College of Engineering

(Government Aided Autonomous Institute)

Vishrambag, Sangli. 416415



1947

**Credit System for
S.Y. M.Tech. (Heat Power Engineering)**

Sem-III and IV

2023-24



Walchand College of Engineering, Sangli
(Government Aided Autonomous Institute)

Credit System for S.Y. M.Tech. (Heat Power 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	6HP645	Dissertation Phase-I	0	0	6	0	6	3	100	0	0		
2	PR	6HP646	Dissertation Phase-II	0	0	6	0	6	3	0	100	0		
3	PR	6HP647	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					

PG Coordinator

HoD

17/2/2023

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Date:



Walchand College of Engineering, Sangli

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

Sr.No.	Track	Course Code	Course Name
Professional Elective 5			
1	Energy Engineering	6HP611	Design of Solar and Wind System
2	Mathematical Modelling	6HP612	Advance Mathematical Methods in Engineering
3	Food Preservation	6HP613	Food Preservation and Cold Chain Management

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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Date:



Walchand College of Engineering, Sangli

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Credit System for S.Y. M.Tech. (Heat Power 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	6HP691	Dissertation Phase-IV	0	0	10	0	10	5	100	0	0		
2	PR	6HP692	Dissertation Phase-V	0	0	10	0	10	5	0	100	0		
3	PR	6HP693	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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