



Walchand College of Engineering, Sangli

(Government Aided Autonomous Institute)

Credit System for S.Y. M.Tech. (Mechanical Heat Power Engineering) Sem-III AY 2020-21

Sr.No.	Category	Course Code	Course Name	L	T	P	Hrs	Credits	ISE-1	MSE*	ISE-2	ESE	
Professional Core (Lab)													
1	PC	3HP690	Dissertation Phase-I	0	0	8	\$8	4		100			
2	PC	3HP691	Dissertation Phase-II	0	0	12	\$12	2			100		
3	PC	3HP692	Dissertation Phase-II					4				100	
Professional Elective (Theory)													
3	PE	Refer list	Professional Elective 5	3	0	0	3	3	10	30	10	50	
Mandatory Non Credit Courses													
4	MC	Refer list	Mandatory Non Credit Course	2	0	0	2	0	35	30	35		
Value Added Professional Courses #													
No Course Offered													
Value Added Life-Skill Courses #													
No Course Offered													
Total				5	0	20	25	13					

Notes:

The Value Added Courses are Optional Courses. The mode of teaching (LTPI) is decided by the resource person. The list of Value added courses will be updated from time to time. The course may be on paid basis. The credits earned from these courses will be shown on grade card. For SPI and CPI calculation, these courses will be excluded.

@ Minimum 2 mandatory life skill courses are to be completed for award of degree.

\$ Contact hours of each M. Tech. Dissertation with the guide shall be 1 hour/week

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



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Sr.No.	Course Code	Course Name
Professional Elective 5		
1	3HP611	Design of solar and wind systems
2	3HP612	Advance mathematical methods in engineering
3	3HP613	Food preservation and cold chain management
4	3HP614	Design of thermal systems
Mandatory Non Credit Course		
1	3IC601	Constitution of India
2	3IC602	Pedagogy of Studies
3	3IC603	Disaster Management
4	3IC604	Value Education



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Credit System for S.Y. M.Tech. (Mechanical Heat Power Engineering) Sem-IV AY 2020-21

Sr.No.	Category	Course Code	Course Name	L	T	P	Hrs	Credits	ISE-1	MSE*	ISE-2	ESE
Professional Core (Lab)												
1	PC	3HP693	Dissertation Phase-III	0	0	8	\$8	4		100		
2	PC	3HP694	Dissertation Phase-IV	0	0	24	\$24	4			100	
3	PC	3HP695	Dissertation Phase-IV					8			100	
Mandatory Non Credit Courses												
4	MC	Refer list	Mandatory Non Credit Course	2	0	0	2	0	35	30	35	
Value Added Professional Courses #												
No Course Offered												
Value Added Life-Skill Courses #												
No Course Offered												
Total				2	0	32	34	16				

Notes:

The Value Added Courses are Optional Courses. The mode of teaching (LTPI) is decided by the resource person. The list of Value added courses will be updated from time to time. The course may be on paid basis. The credits earned from these courses will be shown on grade card. For SPI and CPI calculation, these courses will be excluded.

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Course List for S. Y. M. Tech. (Mechanical Heat Power Engineering) Sem-IV AY 2020-21

Mandatory Non Credit Course		
1	3IC601	Constitution of India
2	3IC602	Pedagogy of Studies
3	3IC603	Disaster Management
4	3IC604	Value Education