

# Walchand College of Engineering

*(Government Aided Autonomous Institute)*

Vishrambag, Sangli-416415



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

**Effective From AY 2024-25**



# Walchand College of Engineering, Wanganli

(Government Aided Autonomous Institute)

## Credit System for S. Y. M. Tech. (Design Engineering) Sem-III Effective from AY 2024-25

Sr. No.	Category	Course Code	Course Name	L	T	P	Hrs.	Cr	MSE/LA1	ISE/LA2	ESE	Remark	
<b>Professional Core</b>													
1	PR	7DE691	Dissertation Phase-I	0	0	24	24	12	30	30	40	POE	
2	PE	Refer List	Online/NPTEL/Swayam Course 1	3	0	0	3	3	0	25	75		
3	PE	Refer List	Online/NPTEL/Swayam Course 2	3	0	0	3	3	0	25	75		
<b>Total</b>				<b>6</b>	<b>0</b>	<b>24*</b>	<b>30*</b>	<b>18</b>					

## Credit System for S. Y. M. Tech. (Design Engineering) Sem-IV Effective from AY 2024-25

Sr. No.	Category	Course Code	Course Name	L	T	P	Hrs.	Cr	MSE/LA1	ISE/LA2	ESE	Remark	
<b>Professional Core (Lab)</b>													
1	PR	7DE692	Dissertation Phase-II	0	0	34	34	17	30	30	40	POE	
2	PC	7DE645	Internship	0	0	4	4	2	0	0	100		
3	PC	7DE646	Techno-Socio Activity	0	0	2	1	1	0	0	100		
<b>Total</b>				<b>0</b>	<b>0</b>	<b>40</b>	<b>39</b>	<b>20</b>					



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## NPTEL/SWAYAM Course List

Sr. No.	Code	Course Name	Link
1	7DE611	Experimental Stress Analysis	<a href="https://nptel.ac.in/courses/112106068">https://nptel.ac.in/courses/112106068</a> <a href="https://onlinecourses.nptel.ac.in/noc21_me02/preview">https://onlinecourses.nptel.ac.in/noc21_me02/preview</a>
2	7DE612	Experimental Modal Analysis	<a href="https://onlinecourses.nptel.ac.in/noc24_me143/preview">https://onlinecourses.nptel.ac.in/noc24_me143/preview</a>
3	7DE613	Nonlinear Vibration	<a href="https://nptel.ac.in/courses/112103300">https://nptel.ac.in/courses/112103300</a> <a href="https://onlinecourses.nptel.ac.in/noc22_me48/preview#">https://onlinecourses.nptel.ac.in/noc22_me48/preview#</a>
4	7DE614	Noise Management & Control	<a href="https://nptel.ac.in/courses/112104227">https://nptel.ac.in/courses/112104227</a> <a href="https://onlinecourses.nptel.ac.in/noc22_me52/preview#">https://onlinecourses.nptel.ac.in/noc22_me52/preview#</a>
5	7DE615	Industrial Robotics: Theories for Implementation	<a href="https://onlinecourses.nptel.ac.in/noc24_me117/preview">https://onlinecourses.nptel.ac.in/noc24_me117/preview</a>
6	7DE616	Introduction to Composites	<a href="https://onlinecourses.nptel.ac.in/noc24_me129/preview">https://onlinecourses.nptel.ac.in/noc24_me129/preview</a>
7	7DE617	Applied Ergonomics	<a href="https://nptel.ac.in/courses/112104222">https://nptel.ac.in/courses/112104222</a> <a href="https://onlinecourses.nptel.ac.in/noc20_me11/preview">https://onlinecourses.nptel.ac.in/noc20_me11/preview</a>
8	7DE618	Data-Enabled Tribological Engineering: From Experiments to Predictive Models	<a href="https://nptel.ac.in/courses/112102428">https://nptel.ac.in/courses/112102428</a> <a href="https://onlinecourses.nptel.ac.in/noc24_me75/preview#">https://onlinecourses.nptel.ac.in/noc24_me75/preview#</a>



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I/C Dean Academics

