Walchand College of Engineering

(Government Aided Autonomous Institute)

Vishrambag, Sangli. 416415

*** Platinum Jubilee Year ***

Credit System for
S.Y. M.Tech. (Computer Science and Information Technology)
Sem-III and IV

2021-22

Walchand College of Engineering, Sangli

(Government Aided Autonomous Institute)

Credit System for S.Y. M.Tech. (CS and IT) Sem-III AY 2021-22

Sr.No.	Category	Course Code	Course Name	L	T	P	I	Hrs	Cr	T1/LA1	T2/LA2	ESE
			Professional Core (Theory)									
1	PC	5IT601	Legal, Financial aspects of Industrial Project	2	0	0	0	2	2	20	20	60
			Professional Core (Lab)									
2	PR	5IT690	Dissertation Phase 1	0	0	20	0	20	10	30	30	40
3	PC	5IT602	Industry Orientation Course	0	0	0	1	1	1	30	30	40
			Professional Elective (Theory)									
4	PE	Refer list	Elective 5	2	0	0	0	2	2	20	20	60
			Professional Elective (Lab)									
5	PR	Refer list	Activity Based Lab for Elective 5	0	0	2	0	2	1	30	30	40
			Value Added Professional Courses #									
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			Value Added Life-Skill Courses #									
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			Total	4	0	22	1	27	16			

Walchand College of Engineering, Sangli
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Elective Course List for S.Y. M.Tech. (CS and IT) Sem-III AY 2021-22

Sr.No.	Track	Course Code	Course Name
Activity Based Lab for Elective 5			
1	Distributed Systems	5IT651	Parallel Algorithms Lab
2	Programming and Internet Technology	5IT652	Software Reliability and Testing Lab
3	Data Science	5IT653	Visual Computing Lab
Elective 5			
1	Distributed Systems	5IT611	Parallel Algorithms
2	Programming and Internet Technology	5IT612	Software Reliability and Testing
3	Data Science	5IT613	Visual Computing

Notes:

For Lab courses: There shall be only internal continuous assessment (LA1, LA2, ESE). LA1 and LA2 together shall be Lab ISE. The ESE is a separate head of passing.
For Theory courses: There shall be two tests (T1 and T2) and one ESE. The ESE is a separate head of passing.

\# The Value Added Courses are Optional Courses. The mode of teaching (LTPI) is decided by the resource person.
  The credits earned from these courses will be shown on grade card. For SGPA and CGPA calculation, these courses will be excluded.
  The list of Value added courses will be updated from time to time. The courses may be on paid basis. These courses will be offered as per availability of faculty.

The contact hours of each dissertation with the guide (research supervisor) shall be of one hour per week.

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

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Credit System for S.Y. M.Tech. (CS and IT) Sem-IV AY 2021-22

Sr.No.	Category	Course Code	Course Name	L	T	P	I	Hrs	Cr	T1/LA1	T2/LA2	ESE
Professional Core (Theory)												
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Professional Core (Lab)												
1	PR	5IT691	Dissertation Phase 2	0	0	24	0	24	12	30	30	40
2	PR	5IT671	Techno-Socio Activity	0	0	0	1	1	1	30	30	40
Professional Elective (Theory)												
3	PE	Refer list	Elective 6	3	0	0	0	3	3	20	20	60
Value Added Professional Courses #												
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Value Added Life-Skill Courses #												
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			Total	3	0	24	1	28	16			

Elective Course List for S.Y. M.Tech. (CS and IT) Sem-IV AY 2021-22

Sr.No.	Track	Course Code	Course Name
Elective 6			
1	Distributed Systems	5IT621	Modern Data Centre
2	Programming and Internet Technology	5IT622	Advanced Internet Programming
3	Data Science	5IT623	Social Media analytics

Notes:

For Lab courses: There shall be only internal continuous assessment (LA1, LA2, ESE). LA1 and LA2 together shall be Lab ISE. The ESE is a separate head of passing.

For Theory courses: There shall be two tests (T1 and T2) and one ESE. The ESE is a separate head of passing.

\# The Value Added Courses are Optional Courses. The mode of teaching (LTPI) is decided by the resource person.

The credits earned from these courses will be shown on grade card. For SGPA and CGPA calculation, these courses will be excluded.

The list of Value added courses will be updated from time to time. The courses may be on paid basis. These courses will be offered as per availability of faculty.

@ Minimum two AICTE mandatory courses need to be completed for award of degree.

The contact hours of each dissertation with the guide (research supervisor) shall be of one hour per week.

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