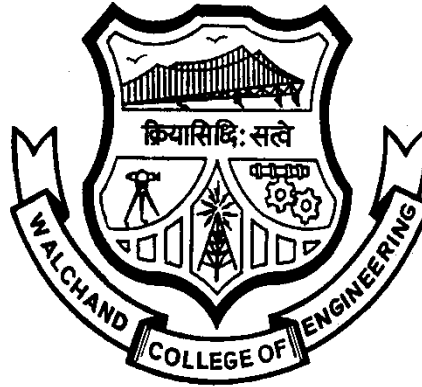


Walchand College of Engineering, Sangli.

(An Autonomous Institute)



Curriculum (Structures)

for

M.Tech. Programme in

Computer Science and Engineering

Academic Year 2016-17



Walchand College of Engineering, Sangli

(An Autonomous Institute)

Teaching and Evaluation Scheme Effective from 2016-17
M.Tech. Programme in Computer Science and Engineering
 Semester I

Course Code	Course	Teaching Scheme				Evaluation Scheme			
		L	T	P	Credits	Component	Marks		
							Max	Min for Passing	
2IC501 (2IC601)	Research Methodology	2	-	-	2	ISE 1	10	20	40
						MSE	30		
						ISE 2	10		
						ESE	50		
2IE5** (2CS6**)	Institute Elective I	3	-	-	3	ISE 1	10	20	40
						MSE	30		
						ISE 2	10		
						ESE	50		
2CO5** (2CS6**)	Professional Elective I	3	1	-	4	ISE 1	10	20	40
						MSE	30		
						ISE 2	10		
						ESE	50		
2CO501 (2CS601)	Computational Mathematics	3	1	-	4	ISE1	10	20	40
						MSE	30		
						ISE 2	10		
						ESE	50		
2CO502 (2CS602)	Design of Database System	3	-	-	3	ISE 1	10	20	40
						MSE	30		
						ISE 2	10		
						ESE	50		
2CO503 (2CS603)	Advanced Computer Networks	3	-	-	3	ISE 1	10	20	40
						MSE	30		
						ISE 2	10		
						ESE	50		
2CO551 (2CS652)	Design of Database System Lab	-	-	2	1	ISE	50	20	20
2CO552 (2CS653)	Advanced Computer Networks Lab	-	-	2	1	ISE	50	20	20
2CO541 (2CS654)	Seminar	-	-	2	1	ISE	100		40
Total		17	2	6	22	Total Credits: 22 Total Contact Hours: 25 hrs			

2CO5**: Professional Elective I	
Course Code	Course Name
2CO511 (2CS607)	Advanced Software Engineering
2CO512 (2CS608)	Advanced Data Structures and Algorithms

Note: Course code in the bracket indicates pre-revised code



Walchand College of Engineering, Sangli

(An Autonomous Institute)

Teaching and Evaluation Scheme Effective from 2015-16
M.Tech. Programme in Computer Science and Engineering
 Semester II

Course Code	Course	Teaching Scheme				Evaluation Scheme			
		L	T	P	Credits	Component	Marks		
							Max	Min for Passing	
2IC502 (2IC602)	Project Management	2	-	-	2	ISE 1	10	20	40
						MSE	30		
						ISE 2	10		
						ESE	50		
2IE5** (2CS6**)	Institute Elective II	3	-	-	3	ISE 1	10	20	40
						MSE	30		
						ISE 2	10		
						ESE	50		
2CO5** (2CS6**)	Professional Elective II	3	1	-	4	ISE 1	10	20	40
						MSE	30		
						ISE 2	10		
						ESE	50		
2CO521 (2CS611)	Modern Operating System	3	-	-	3	ISE 1	10	20	40
						MSE	30		
						ISE 2	10		
						ESE	50		
2CO522 (2CS612)	Parallel Computing	3	-	-	3	ISE 1	10	20	40
						MSE	30		
						ISE 2	10		
						ESE	50		
2CO571 (2CS661)	Modern Operating System Lab	-	-	2	1	ISE	50	20	
						ESE (POE)	50	20	
2CO572 (2CS662)	Parallel Computing Lab	-	-	2	1	ISE	50	20	
						ESE (POE)	50	20	
2CO573 (2CS663)	Special Topics in CSE	2	-	2	3	ISE	50	20	
						ESE (POE)	50	20	
2CO542 (2CS664)	Pre dissertation Seminar	-	-	2	1	ISE	100	40	
Total		16	1	8	21	Total Credits: 21 Total Contact Hours: 25 hrs			

2CO5** : Professional Elective II	
Course Code	Course Name
2CO531 (2CS616)	Mobile & Pervasive Computing
2CO532 (2CS617)	Data Mining

Note: Course code in the bracket indicates pre-revised code



Walchand College of Engineering, Sangli
(An Autonomous Institute)
Teaching and Evaluation Scheme for Year 2016-17
M.Tech. Program in Computer Science and Engineering

Semester III

Course Code	Course	Teaching Scheme			Evaluation Scheme			
		L	T	P	Component	Credits	Practical (Marks)	
							Max	Min for Passing
2CO691 (2CS691)	Dissertation Phase 1 ISE	-	-	5	ISE	4	100	40
2CO692 (2CS692)	Dissertation Phase 2 ISE	-	-		ISE	2	100	40
2CO693 (2CS692)	Dissertation Phase 2 ESE	-	-		ESE	4	100	40
Total		--	-	5	Total Credit: 10 Average Contact hours/week/student: 5 Hrs			

Semester IV

Course Code	Course	Teaching Scheme			Evaluation Scheme			
		L	T	P	Scheme	Credits	Practical (Marks)	
							Max	Min for Passing
2CO694 (2CS693)	Dissertation Phase 3 ISE	-	-	5	ISE	5	100	40
2CO695 (2CS694)	Dissertation Phase 4 ISE	-	-		ISE	5	100	40
2CO696 (2CS694)	Dissertation Phase 4 ESE	-	-		ESE	10	100	40
Total		--	-	5	Total Credit: 20 Average Contact hours/week/student: 5 Hrs			

Note: Course code in the bracket indicates pre-revised code