

**SEMESTER III: COMPUTER ENGINEERING**
**w.e.f. 2012-13**

Course Code	Course Name	Teaching Scheme				Examination Scheme					
		L	T	P	C	Hours		Component Weightage			
						Mid Sem Exam (MSE)	Sem End Exam (SEE)	Mid Sem Exam (MSE)	Sem End Exam (SEE)	Term Assign Ment (TA)	Lab Project Work (LPW)
<b>2MA210</b>	<b>Applied Mathematics (w.e.f 2011-12)</b>	<b>3</b>	<b>1</b>	<b>-</b>	<b>4</b>	<b>1.50</b>	<b>3.00</b>	<b>0.30</b>	<b>0.50</b>	<b>0.20</b>	<b>-</b>
<b>2CE226</b>	<b>Mathematical Foundation of Computer Science (w.e.f 2012-13)</b>	<b>3</b>	<b>1</b>	<b>-</b>	<b>4</b>	<b>1.50</b>	<b>3.00</b>	<b>0.30</b>	<b>0.50</b>	<b>0.20</b>	<b>-</b>
2EC221	Fundamentals for Digital Electronics	3	-	2	4	1.50	3.00	0.25	0.40	0.15	0.20
2EC222	Electronics Circuits	3	-	2	4	1.50	3.00	0.25	0.40	0.15	0.20
2CE221	Database Management Systems	3	-	2	4	1.50	3.00	0.25	0.40	0.15	0.20
2CE222	Data Structure & Algorithms	4	-	2	5	1.50	3.00	0.25	0.40	0.15	0.20
	<b>Total</b>	<b>19</b>	<b>2</b>	<b>8</b>	<b>25</b>						

**NotificationNo : 51/30-04-2012**
**SEMESTER IV: COMPUTER ENGINEERING**
**w.e.f. 2011-12**

Course Code	Course Name	Teaching Scheme				Examination Scheme					
		L	T	P	C	Hours		Component Weightage			
						Mid Sem Exam (MSE)	Sem End Exam (SEE)	Mid Sem Exam (MSE)	Sem End Exam (SEE)	Term Assign Ment (TA)	Lab Project Work (LPW)
<b>2HM203*</b>	<b>Engineering Economics &amp; Business Management (w.e.f 2011-12)</b>	<b>2</b>	<b>1</b>	<b>-</b>	<b>3</b>	<b>1.50</b>	<b>3.00</b>	<b>0.30</b>	<b>0.50</b>	<b>0.20</b>	<b>-</b>
2MA207	Probability Statistics & Numerical Analysis	3	-	2	4	1.50	3.00	0.25	0.40	0.15	0.20
2CE223	Data Communication	3	-	2	4	1.50	3.00	0.25	0.40	0.15	0.20
2CE201	Microprocessor, Architecture & Interfacing	4	-	2	5	1.50	3.00	0.25	0.40	0.15	0.20
2CE224	Operating Systems	3	-	2	4	1.50	3.00	0.25	0.40	0.15	0.20
2CE225	Computer Architecture & Peripherals	3	-	2	4	1.50	3.00	0.25	0.40	0.15	0.20
	<b>Total</b>	<b>18</b>	<b>1</b>	<b>10</b>	<b>24</b>						

**SEMESTER V: COMPUTER ENGINEERING**

w.e.f. 2011-12

Course Code	Course Name	Teaching Scheme				Examination Scheme					
		L	T	P	C	Hours		Component Weightage			
						Mid Sem Exam (MSE)	Sem End Exam (SEE)	Mid Sem Exam (MSE)	Sem End Exam (SEE)	Term Assign Ment (TA)	Lab Project Work (LPW)
2CE309	Object Oriented Programming	2	-	2	3	1.50	3.00	0.25	0.40	0.15	0.20
2CE302	Internet and Web Development	3	-	2	4	1.50	3.00	0.25	0.40	0.15	0.20
2CE304	Advanced Microprocessors	3	-	2	4	1.50	3.00	0.25	0.40	0.15	0.20
2CE321	Computer Graphics	3	-	2	4	1.50	3.00	0.25	0.40	0.15	0.20
2CE306	Theory of Computation	3	1	-	4	1.50	3.00	0.30	0.50	0.20	-
2IT321 <sup>1</sup>	Computer Networks	3	-	2	4	1.50	3.00	0.25	0.40	0.15	0.20
2CE305	Seminar	-	-	2	1	-	-	-	-	-	1.00
	<b>Total</b>	<b>17</b>	<b>1</b>	<b>12</b>	<b>24</b>						

**SEMESTER VI: COMPUTER ENGINEERING**

w.e.f. 2011-2012

Course Code	Course Name	Teaching Scheme				Examination Scheme					
		L	T	P	C	Hours		Component Weightage			
						Mid Sem Exam (MSE)	Sem End Exam (SEE)	Mid Sem Exam (MSE)	Sem End Exam (SEE)	Term Assign Ment (TA)	Lab Project Work (LPW)
2IT322	Design of Operating System	3	-	2	4	1.50	3.00	0.25	0.40	0.15	0.20
2CE323	Object Oriented Software Engineering	4	-	2	5	1.50	3.00	0.25	0.40	0.15	0.20
2CE303	System Programming	3	-	2	4	1.50	3.00	0.25	0.40	0.15	0.20
2CE308	Seminar	-	-	2	1	-	-	-	-	-	1.00
2CE3E9	Elective I*	3	-	2	4	1.50	3.00	0.25	0.40	0.15	0.20
2CE4E5	Elective II*	3	-	2	4	1.50	3.00	0.25	0.40	0.15	0.20
-	Institute Elective I	3	-	-	3	1.50	3.00	0.30	0.50	0.20	-
	<b>Total</b>	<b>19</b>	<b>-</b>	<b>12</b>	<b>25</b>						
Supplementary Course											
<b>2SP315</b>	<b>Essentials of Computer Engineering</b> <small>(w.e.f 2011-12)</small>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1.00</b>	<b>-</b>

**\* Elective –I (2CE3E9)**

2CE319	Parallel Computing
2CE329	Database Design and Administration
2CE339	Analysis and Design of Algorithms
2CE349	Advanced Java Programming

**\* Elective II:(2CE4E5)**

2CE415.	Mobile Computing
2CE425.	Advanced Computer Architecture
2IT414. <sup>2</sup>	Distributed Systems
<b>2CE435.</b>	<b>Principles of Programming Languages</b>

**SEMESTER VII: COMPUTER ENGINEERING**
**w.e.f. 2011-12**

Course Code	Course Name	Teaching Scheme				Examination Scheme					
		L	T	P	C	Hours		Component Weightage			
						Mid Sem Exam (MSE)	Sem End Exam (SEE)	Mid Sem Exam (MSE)	Sem End Exam (SEE)	Term Assign Ment (TA)	Lab Project Work (LPW)
2IT421	Artificial Intelligence and Expert Systems	3	-	2	4	1.50	3.00	0.25	0.40	0.15	0.20
2CE401	Principles of Compiler Design	3	-	2	4	1.50	3.00	0.25	0.40	0.15	0.20
2CE307	Data Compression and Encryption	3	-	2	4	1.50	3.00	0.25	0.40	0.15	0.20
2CE4E3	Elective III	3	-	2	4	1.50	3.00	0.25	0.40	0.15	0.20
2CE4E4	Elective IV	3	-	-	3	1.50	3.00	0.30	0.50	0.20	-
-	Institute Elective – II	3	-	-	3	1.50	3.00	0.30	0.50	0.20	-
2CE402	Software Project Lab.	-	-	2	6	-	-	-	-	-	1.00
<b>Total</b>		<b>18</b>	<b>-</b>	<b>10</b>	<b>28</b>						

**Elective-III:(2CE4E3)**

 2CE413.<sup>4</sup> Advance Operating System

2CE423. Data Warehousing and Mining

2CE433. Image Processing and Pattern Recognition

 2CE443. **Advanced Computer networks (w.e.f 2011-12) ( Noti : 124/25-10-2010)**
**Elective-IV:(2CE4E4)**

 2CE414.<sup>3</sup> Simulation & Modeling

2CE424. Information Theory and Coding

(common with V-IT)

2IT423. ERP, SCM &amp; CRM

(common with V-IT)

**SEMESTER VIII: COMPUTER ENGINEERING**
**w.e.f. 2011-12**

Course Code	Course Name	Teaching Scheme				Examination Scheme					
		L	T	P	C	Hours		Component Weightage			
						Mid Sem Exam (MSE)	Sem End Exam (SEE)	Mid Sem Exam (MSE)	Sem End Exam (SEE)	Term Assign Ment (TA)	Lab Project Work (LPW)
2CE406	Project (Full semester)	-	-	-	15	-	-	-	-	-	1.0
<b>Total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>15</b>						

<sup>1</sup> Syllabus Revised wide Notification No: 38/14-05-2011 w.e.f 2011-12

<sup>2,3,4</sup> Syllabus revised wide Notification No 123/20-10-2010 w.e.f 2011-12