



SAPTHAGIRI COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING AY: -2018-19

1.3.2.1: Number of courses that include experiential learning through project work/field work/internship/mini project

YEAR	COURSE NAME	COURSE CODE	PROJECT WORK	FIELD WORK	INTERNSHIP	MINI PROJECT
Chemistry Cycle 1 st Semester	COMPUTER AIDED ENGINEERING DRAWING	15CED14/15CED24				
	ENGINEERING CHEMISTRY	15CHE12/15CHE22				
	BASIC ELECTRONICS	15ELN15/15ELN25	√		√	
	ENGINEERING MATHS-I	15MAT11/15MAT21	√		√	
	PROGRAMMING IN C & DATA STRUCTURES	15PCD13/15PCD23	√		√	
	ELEMENTS OF CIVIL ENGG. & MECHANICS	15CIV13/15CIV23				
	CONSTITUTION OF INDIA, PROFESSIONAL ETHICS AND HUMAN RIGHTS (CPH)	15CPH18/15CPH28				
	BASIC ELECTRICAL ENGG.	15ELE15/15ELE25				
	ELEMENTS OF MECHANICAL ENGG.	15EME14/15EME24				
	ENGINEERING MATHS-I	15MAT11/15MAT21				
Physics Cycle 1 st Semester	ENGINEERING PHYSICS	15PHY12/15PHY22				
	ENGG. PHYSICS LAB	15PHY17/15PHY27				
	WORKSHOP PRACTICE	15WSL16/15WSL26				
	ENGINEERING MATHEMATICS-III	15MAT31	√		√	
	ANALOG AND DIGITAL ELECTRONICS	15CS32	√		√	
	DATA STRUCTURES AND APPLICATIONS	15CS33	√		√	
	COMPUTER ORGANIZATION	15CS34	√		√	
	UNIX AND SHELL PROGRAMMING	15CS35	√		√	
	DISCRETE MATHEMATICAL STRUCTURES	15CS36	√		√	
	ANALOG AND DIGITAL ELECTRONICS LABORATORY	15CSL37	√		√	
2 ND YEAR	DATA STRUCTURES LABORATORY	15CSL38	√		√	
	ENGINEERING MATHEMATICS-IV	15MAT41	√		√	
	SOFTWARE ENGINEERING	15CS42	√		√	
	DESIGN AND ANALYSIS OF ALGORITHMS	15CS43	√		√	
	MICROPROCESSORS AND	15CS44	√		√	

SAPTHAGIRI COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING AY: -2017-18

1.3.2.1: Number of courses that include experiential learning through project work/field work/internship/mini project

YEAR	COURSE NAME	COURSE CODE	PROJECT WORK	FIELD WORK	INTERNSHIP	MINI PROJECT
1 ST YEAR	ENGINEERING MATHEMATICS-I	14MAT11	√			
	ENGINEERING PHYSICS	14PHY12/14PHY22				
	ENGINEERING CHEMISTRY	14CHE12/ 14CHE 22				
	ELEMENTS OF CIVIL ENGINEERING & ENGINEERING MECHANICS	14CIV13/14CIV23				
	COMPUTER CONCEPTS AND C PROGRAMMING	14CCP13/14CCP23	√		√	
	ELEMENTS OF MECHANICAL ENGINEERING	14EME14 / 14EME24				
	COMPUTER AIDED ENGINEERING DRAWING	14CED14 / 14CED24				
	BASIC ELECTRICAL ENGINEERING	14ELE15/ 14ELE25	√			
	BASIC ELECTRONICS	14ELN15 / 14ELN25	√			
	WORKSHOP PRACTICE	14WSL16/ 14WSL26				
	COMPUTER PROGRAMMING LABORATORY	14CPL16 / 14CPL26	√		√	
	LABORATORY EXPERIMENTS IN ENGINEERING	14PHYL17/14PHYL27				
	ENGINEERING CHEMISTRY LABORATORY	14CHEL17/14CHEL27				
	CONSTITUTION OF INDIA AND PROFESSIONAL ENVIRONMENTAL STUDIES	14CIP18/14CIP28				
ENVIRONMENTAL STUDIES	14CIV18/14CIV28					
ENGINEERING MATHEMATICS – II	14MAT21	√				
ENGINEERING MATHEMATICS-III	10MAT31	√		√		
ELECTRONIC CIRCUITS	10CS32	√		√		
LOGIC DESIGN	10CS33	√		√		
DISCRETE MATHEMATICAL STRUCTURES	10CS34	√		√		
DATA STRUCTURES WITH C	10CS35	√		√		
OBJECT ORIENTED PROGRAMMING WITH C++	10CS36	√		√		
DATA STRUCTURES WITH C/C++ LABORATORY	10CSL37	√		√		
ELECTRONIC CIRCUITS AND LOGIC DESIGN LABORATORY	10CSL38	√		√		
ENGINEERING MATHEMATICS-IV	10MAT41	√		√		
GRAPH THEORY AND COMBINATORICS	10CS42	√		√		
DESIGN AND ANALYSIS OF ALGORITHM	10CS43	√		√		
UNIX AND SHELL PROGRAMMING	10CS44	√		√		
2 ND YEAR						

	MICROPROCESSORS	10CS45	✓			✓
	COMPUTER ORGANIZATION	10CS46	✓			✓
	DESIGN AND ANALYSIS OF ALGORITHM LABORATORY	10CSL47	✓			✓
	MICROPROCESSORS LABORATORY	10CSL48	✓			✓
	SOFTWARE ENGINEERING	10IS51	✓			✓
	SYSTEMS SOFTWARE	10CS52				
	OPERATING SYSTEM	10CS53	✓			✓
	DATABASE MANAGEMENT SYSTEMS	10CS54	✓			✓
	COMPUTER NETWORKS-I	10CS55	✓			✓
	FORMAL LANGUAGES AND AUTOMATA THEORY	10CS56				
	DATABASE APPLICATIONS LABORATORY	10CSL57	✓			✓
	SYSTEMS SOFTWARE & OPERATING SYSTEM LABORATORY	10CSL58	✓			✓
	MANAGEMENT AND ENTREPRENEURSHIP	10CS61				
	UNIX SYSTEM PROGRAMMING	10CS62	✓			✓
	COMPILER DESIGN	10CS63	✓			✓
	COMPUTR NETWORKS-II	10CS64	✓			✓
	COMPUTER GRAPHICS AND VISUALIZATION	10CS65	✓			✓
	OPERATIONS RESEARCH	10CS661				
	COMPUTER GRAPHICS AND VISUALIZATION LABORATORY	10CSL67	✓			✓
	UNIX SYSTEM PROGRAMMING AND COMPILER DESIGN	10CSL68	✓			✓
	OBJECT-ORIENTED MODELING AND DESIGN	10CS71				
	EMBEDDED COMPUTING SYSTEMS	10CS72	✓			✓
	PROGRAMMING THE WEB	10CS73	✓			✓
	ADVANCED COMPUTER ARCHITECTURES	10CS74				
	JAVA ANDJ2EE	10CS753	✓			✓
	STORAGE AREA NETWORKS	10CS765				
	NETWORKS LABORATORY	10CSL77	✓			✓
	WEB PROGRAMMING LABORATORY	10CSL78	✓			✓
	SOFTWARE ARCHITECTURES	10CS81				
	SYSTEM MODELING AND SIMULATION	10CS82	✓			✓
	WIRELESS NETWORKS AND MOBILE COMPUTING	10CS831	✓			✓
3 RD YEAR						
4 TH YEAR						

AD-HOC NETWORKS	10CS841	V				
PROJECT WORK	10CS85	V				
SEMINAR	10CS86					

Mandhusha

ACADEMIC COMMITTEE CONVENER



Principal

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For HOD

Professor & Head of the Department
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 Sapthagiri College of Engineering
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SAPTHAGIRI COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING AY: -2016-17

1.3.2.1: Number of courses that include experiential learning through project work/field work/internship/mini project

YEAR	COURSE NAME	COURSE CODE	PROJECT WORK	FIELD WORK	INTERNSHIP	MINI PROJECT
1 ST YEAR	ENGINEERING MATHEMATICS-I	10MAT11	√			
	ENGINEERING PHYSICS	10PHY12/10PHY22				
	ENGINEERING CHEMISTRY	10CHE12/ 10CHE 22				
	ELEMENTS OF CIVIL ENGINEERING & ENGINEERING MECHANICS	10CIV13/10CIV23				
	COMPUTER CONCEPTS AND C PROGRAMMING	10CCP13/10CCP23	√		√	
	ELEMENTS OF MECHANICAL ENGINEERING	10EME14 / 10EME24				
	COMPUTER AIDED ENGINEERING DRAWING	10CED14 / 10CED24				
	BASIC ELECTRICAL ENGINEERING	10ELE15/ 10ELE25	√			
	BASIC ELECTRONICS	10ELN15 / 10ELN25	√			
	WORKSHOP PRACTICE	10WSL16/ 10WSL26				
	COMPUTER PROGRAMMING LABORATORY	10CPL16 / 10CPL26	√		√	
	LABORATORY EXPERIMENTS IN ENGINEERING	10PHYL17/10PHYL27				
	ENGINEERING CHEMISTRY LABORATORY	10CHEL17/10CHEL27				
	CONSTITUTION OF INDIA AND PROFESSIONAL ENVIRONMENTAL STUDIES	10CIP18/10CIP28				
	ENGINEERING MATHEMATICS – II	10MAT21	√			
	ENGINEERING MATHEMATICS-III	10MAT31	√		√	
ELECTRONIC CIRCUITS	10CS32	√		√		
LOGIC DESIGN	10CS33	√		√		
DISCRETE MATHEMATICAL STRUCTURES	10CS34	√		√		
DATA STRUCTURES WITH C	10CS35	√		√		
OBJECT ORIENTED PROGRAMMING WITH C++	10CS36	√		√		
DATA STRUCTURES WITH C/C++ LABORATORY	10CS137	√		√		
ELECTRONIC CIRCUITS AND LOGIC DESIGN LABORATORY	10CS138	√		√		
ENGINEERING MATHEMATICS-IV	10MAT41	√		√		
GRAPH THEORY AND COMBINATORICS	10CS42	√		√		
DESIGN AND ANALYSIS OF ALGORITHM	10CS43	√		√		
2 ND YEAR						

	UNIX AND SHELL PROGRAMMING	10CS44	V			V
	MICROPROCESSORS	10CS45	V			V
	COMPUTER ORGANIZATION	10CS46	V			V
	DESIGN AND ANALYSIS OF ALGORITHM LABORATORY	10CS47	V			V
	MICROPROCESSORS LABORATORY	10CS48	V			V
	SOFTWARE ENGINEERING	10IS51	V			V
	SYSTEMS SOFTWARE	10CS52				
	OPERATING SYSTEM	10CS53	V			V
	DATABASE MANAGEMENT SYSTEMS	10CS54	V			V
	COMPUTER NETWORKS-I	10CS55	V			V
	FORMAL LANGUAGES AND AUTOMATA THEORY	10CS56				
	DATABASE APPLICATIONS LABORATORY	10CS57	V			V
	SYSTEMS SOFTWARE & OPERATING SYSTEM LABORATORY	10CS58	V			V
	MANAGEMENT AND ENTREPRENEURSHIP	10CS61				
	UNIX SYSTEM PROGRAMMING	10CS62	V			V
	COMPILER DESIGN	10CS63	V			V
	COMPUTER NETWORKS-II	10CS64	V			V
	COMPUTER GRAPHICS AND VISUALIZATION	10CS65	V			V
	OPERATIONS RESEARCH	10CS66				
	COMPUTER GRAPHICS AND VISUALIZATION LABORATORY	10CS67	V			V
	UNIX SYSTEM PROGRAMMING AND COMPILER DESIGN	10CS68	V			V
	OBJECT-ORIENTED MODELING AND DESIGN	10CS71				
	EMBEDDED COMPUTING SYSTEMS	10CS72	V			V
	PROGRAMMING THE WEB	10CS73	V			V
	ADVANCED COMPUTER ARCHITECTURES	10CS74				
	JAVA AND J2EE	10CS75	V			V
	STORAGE AREA NETWORKS	10CS76				
	NETWORKS LABORATORY	10CS77	V			V
	WEB PROGRAMMING LABORATORY	10CS78	V			V
	SOFTWARE ARCHITECTURES	10CS81				
	SYSTEM MODELING AND SIMULATION	10CS82	V			V
3 RD YEAR						
4 TH YEAR						

WIRELESS NETWORKS AND MOBILE COMPUTING	10CS831	V		V	
AD-HOC NETWORKS	10CS841	V		V	
PROJECT WORK	10CS85	V		V	
SEMINAR	10CS86				

Madhusree
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SAPTHAGIRI COLLEGE OF ENG., JEEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING AY: -2015-16

1.3.2.1: Number of courses that include experiential learning through project work/field work/internship/mini project

YEAR	COURSE NAME	COURSE CODE	PROJECT WORK	FIELD WORK	INTERNSHIP	MINI PROJECT
1 ST YEAR	ENGINEERING MATHEMATICS-I	10MAT11	√			
	ENGINEERING PHYSICS	10PHY12/10PHY22				
	ENGINEERING CHEMISTRY	10CHE12/ 10CHE 22				
	ELEMENTS OF CIVIL ENGINEERING &	10CIV13/10CIV23				
	ENGINEERING MECHANICS				√	
	COMPUTER CONCEPTS AND C PROGRAMMING	10CCP13/10CCP23	√			
	ELEMENTS OF MECHANICAL ENGINEERING	10EME14 / 10EME24				
	COMPUTER AIDED ENGINEERING DRAWING	10CED14 / 10CED24				
	BASIC ELECTRICAL ENGINEERING	10ELE15 / 10ELE25	√			
	BASIC ELECTRONICS	10ELN15 / 10ELN25	√			
	WORKSHOP PRACTICE	10WSL16/ 10WSL26			√	
	COMPUTER PROGRAMMING LABORATORY	10CPL16 / 10CPL26	√			
	LABORATORY EXPERIMENTS IN ENGINEERING	10PHY17/10PHY27				
	ENGINEERING CHEMISTRY LABORATORY	10CHE17/10CHE27				
2 ND YEAR	CONSTITUTION OF INDIA AND PROFESSIONAL ENVIRONMENTAL STUDIES	10CIP18/10CIP28				
	ENVIRONMENTAL STUDIES	10CIV18/10CIV28				
	ENGINEERING MATHEMATICS – II	10MAT21	√			
	ENGINEERING MATHEMATICS-III	10MAT31	√			
	ELECTRONIC CIRCUITS	10CS32	√			
	LOGIC DESIGN	10CS33	√			
	DISCRETE MATHEMATICAL STRUCTURES	10CS34	√			
	DATA STRUCTURES WITH C	10CS35	√			
	OBJECT ORIENTED PROGRAMMING WITH C++	10CS36	√			
	DATA STRUCTURES WITH C/C++ LABORATORY	10CS137	√			
	ELECTRONIC CIRCUITS AND LOGIC DESIGN LABORATORY	10CS138	√			
	ENGINEERING MATHEMATICS-IV	10MAT41	√			
	GRAPH THEORY AND COMBINATORICS	10CS42	√			
	DESIGN AND ANALYSIS OF ALGORITHM	10CS43	√			
UNIX AND SHELL PROGRAMMING	10CS44	√				

AD-HOC NETWORKS	10CS841	V			
PROJECT WORK	10CS85	V		V	
SEMINAR	10CS86				

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SAPTHAGIRI COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING AY: -2014-15

1.3.2.1: Number of courses that include experiential learning through project work/field work/internship/mini project

YEAR	COURSE NAME	COURSE CODE	PROJECT WORK	FIELD WORK	INTERNSHIP	MINI PROJECT
1 ST YEAR	ENGINEERING MATHEMATICS-I	10MAT11	V			
	ENGINEERING PHYSICS	10PHY12/10PHY22				
	ENGINEERING CHEMISTRY	10CHE12/10CHE 22				
	ELEMENTS OF CIVIL ENGINEERING & ENGINEERING MECHANICS	10CIV13/10CIV23				
	COMPUTER CONCEPTS AND C PROGRAMMING	10CCP13/10CCP23	V		V	
	ELEMENTS OF MECHANICAL ENGINEERING	10EME14 / 10EME24				
	COMPUTER AIDED ENGINEERING DRAWING	10CED14 / 10CED24				
	BASIC ELECTRICAL ENGINEERING	10ELE15 / 10ELE25	V			
	BASIC ELECTRONICS	10EIN15 / 10EIN25	V			
	WORKSHOP PRACTICE	10WSL16/ 10WSL26				
	COMPUTER PROGRAMMING LABORATORY	10CPL16 / 10CPL26	V		V	
	LABORATORY EXPERIMENTS IN ENGINEERING	10PHY117/10PHY127				
	ENGINEERING CHEMISTRY LABORATORY	10CHE117/10CHE127				
	CONSTITUTION OF INDIA AND PROFESSIONAL ENVIRONMENTAL STUDIES	10CIP18/10CIP28				
	ENGINEERING MATHEMATICS - II	10MAT21	V			
	ENGINEERING MATHEMATICS-III	10MAT31	V		V	
	ELECTRONIC CIRCUITS	10CS32	V		V	
LOGIC DESIGN	10CS33	V		V		
DISCRETE MATHEMATICAL STRUCTURES	10CS34	V		V		
DATA STRUCTURES WITH C	10CS35	V		V		
OBJECT ORIENTED PROGRAMMING WITH C++	10CS36	V		V		
DATA STRUCTURES WITH C/C++ LABORATORY	10CSL37	V		V		
ELECTRONIC CIRCUITS AND LOGIC DESIGN LABORATORY	10CSL38	V		V		
ENGINEERING MATHEMATICS-IV	10MAT41	V		V		
GRAPH THEORY AND COMBINATORICS	10CS42	V		V		
DESIGN AND ANALYSIS OF ALGORITHM	10CS43	V		V		
2 ND YEAR						

WIRELESS NETWORKS AND MOBILE COMPUTING	10CS831	V		V	
AD-HOC NETWORKS	10CS841	V		V	
PROJECT WORK	10CS85	V		V	
SEMINAR	10CS86				

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