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
1ST YEAR	Computer Networks	12SCS11	√			
	Advances in Operating Systems	12SCS12				
	Advances in Database Management	12SCS13	√			
	Computer Systems Performance Analysis	12SCS14				
	Advances in Digital Image Processing	12SCS151	√			
	Seminar	12SCS16				
	Formal Models in Computer Science	12SCS21				
	Advanced Algorithms	12SCS22	√			
	Advances in Computer Architecture	12SCS23				
	Cloud Computing	12SCS24	√			
	Artificial Intelligence and Agent	12SCS252	√			
	Seminar	12SCS26				
2ND YEAR	Information Security	12SCS31	√			
	Advances in Storage Area Networks	12SCS322	√			
	Data Mining and Warehousing	12SCS332	√			
	Project Phase-II	12SCS34	√			
	Evaluation of Project Phase-I	12SCS35	√			
	Evaluation of Project Phase-II	12SCS41	√			
	Evaluation of Project Phase-III	12SCS42	√			
	Project work evaluation and Viva-voce	12SCS43	√			

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SAPTHAGIRI COLLEGE OF ENGINEERING

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
1ST YEAR	Advances in Operating Systems	14SCS11				
	Cloud Computing	14SCS12	√		√	
	Advances in Data Base Management	14SCS13	√		√	
	Multi Core Architecture and Programming	14SCS14				
	Advances in Storage Area Network	14SCS152				
	Advances in Operating Systems Laboratory	14SCS16				
	Seminar #	14SCS17				
	Managing Big Data	14SCS21	√		√	
	Advances in Computer Networks	14SCS22	√		√	
	Advanced Algorithms	14SCS23	√		√	
	Artificial Intelligence and Agent	14SCS24	√		√	
	Information and Network Security	14SCS252	√		√	
	Advanced Algorithms Laboratory	14SCS26	√		√	
	Seminar #	14SCS27				
2ND YEAR	Seminar / Presentation on Internship (After	14SCS31	√		√	
	Report on Internship **Evaluation and	14SCS32			√	
	Evaluation and Viva-voce	14SCS33	√			
	Machine Learning Techniques	14SCS41	√		√	
	Wireless Network and Mobile Computing	14SCS424	√		√	
	Evaluation of Project PhaseII	14SCS43	√			
	Evaluation of Project PhaseIII	14SCS44	√			
	Evaluation of Project Work and Viva-voce	14SCS45	√			

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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
1ST YEAR	Advances in Operating Systems	14SCS11				
	Cloud Computing	14SCS12	√		√	
	Advances in Data Base Management	14SCS13	√		√	
	Multi Core Architecture and Programming	14SCS14				
	Advances in Storage Area Network	14SCS152				
	Advances in Operating Systems Laboratory	14SCS16				
	Seminar #	14SCS17				
	Managing Big Data	14SCS21	√		√	
	Advances in Computer Networks	14SCS22	√		√	
	Advanced Algorithms	14SCS23	√		√	
	Artificial Intelligence and Agent	14SCS24	√		√	
	Information and Network Security	14SCS252	√		√	
	Advanced Algorithms Laboratory	14SCS26	√		√	
	Seminar #	14SCS27				
2ND YEAR	Seminar / Presentation on Internship (After	14SCS31	√		√	
	Report on Internship **Evaluation and	14SCS32			√	
	Evaluation and Viva-voce	14SCS33	√			
	Machine Learning Techniques	14SCS41	√		√	
	Wireless Network and Mobile Computing	14SCS424	√		√	
	Evaluation of Project PhaseII	14SCS43	√			
	Evaluation of Project PhaseIII	14SCS44	√			
	Evaluation of Project Work and Viva-voce	14SCS45	√			

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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
1ST YEAR	Advances in Operating Systems	16SCS11				
	Cloud Computing	16SCS12	√		√	
	Advances in Data Base Management	16SCS13	√		√	
	Probability Statistics and Queuing	16SCS16				
	Advances in Storage Area Network	16SCS153	√		√	
	Advances in Operating Systems Laboratory	16SCS16				
	Seminar #	16SCS17				
	Managing Big Data	16SCS21	√		√	
	Advances in Computer Networks	16SCS22	√		√	
	Advanced Algorithms	16SCS23	√		√	
	Internet of Things	16SCS24	√		√	
	Information and Network Security	16SCS253	√		√	
	Mini Project	16SCS26				√
	Seminar #	16SCS27	√		√	
2ND YEAR	Seminar / Presentation on Internship (After	16SCS31	√		√	
	Report on Internship **Evaluation and	16SCS32			√	
	Evaluation and Viva-voce of Internship	16SCS33			√	
	Evaluation of Project phase -1	16SCS34	√			
	Machine Learning Techniques	16SCS41	√		√	
	Wireless Network and Mobile Computing	16SCS424	√		√	
	Evaluation of Project Phase2	16SCS43	√			
	Evaluation of Project Work and Viva-voce	16SCS44	√			

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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
1ST YEAR	Advances in Operating Systems	16SCS11				
	Cloud Computing	16SCS12	√		√	
	Advances in Data Base Management	16SCS13	√		√	
	Probability Statistics and Queuing	16SCS16				
	Advances in Storage Area Network	16SCS153	√		√	
	Advances in Operating Systems Laboratory	16SCS16				
	Seminar #	16SCS17				
	Managing Big Data	16SCS21	√		√	
	Advances in Computer Networks	16SCS22	√		√	
	Advanced Algorithms	16SCS23	√		√	
	Internet of Things	16SCS24	√		√	
	Information and Network Security	16SCS253	√		√	
	Mini Project	16SCS26				√
	Seminar #	16SCS27	√		√	
2ND YEAR	Seminar / Presentation on Internship (After	16SCS31	√		√	
	Report on Internship **Evaluation and	16SCS32			√	
	Evaluation and Viva-voce of Internship	16SCS33			√	
	Evaluation of Project phase -1	16SCS34	√			
	Machine Learning Techniques	16SCS41	√		√	
	Wireless Network and Mobile Computing	16SCS424	√		√	
	Evaluation of Project Phase2	16SCS43	√			
	Evaluation of Project Work and Viva-voce	16SCS44	√			

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SAPTHAGIRI COLLEGE OF ENGINEERING

DEPARTMENT OF ELECTRONICS AND COMMUNICATION 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
1ST YEAR	Advanced Engineering Mathematics	16ELD11				
	Digital VLSI Design	16EVE12	√			
	Advanced Embedded system	16EVE13	√		√	
	Low power VLSI Design	16EVE14	√			
	VLSI and ES lab - 1	16EVEL16	√		√	
	Seminar	16EVE17				
	Digital System Design using Verilog	16EVE151	√			
	Design of Analog and Mixed mode VLSI	16EVE21				
	VLSI testing	16EVE22				
	Advances in VLSI design	16EVE23				
	Real time operating sytem	16EVE24				
	VLSI and ES lab - II	16EVEL26				
	Seminar	16EVE27				
	VLSI design for Signal processing	16EVE252	√		√	
2ND YEAR	Seminar / Presentation on Internship	16SEVE31	√		√	
	Report on Internship	16SEVE32	√		√	
	Evaluation and Viva-voce of Internship	16SEVE33	√		√	
	Evaluation of Project phase -1	16SEVE34	√			
	Synthesis and Optimization of Digital	16SELD41				
	Advanced in image processing	16SCS422	√		√	
	Evaluation of Project Phase2	16SEVE43	√			
	Evaluation of Project Work and Viva-voce	16SEVE44	√			

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SAPTHAGIRI COLLEGE OF ENGINEERING

DEPARTMENT OF ELECTRONICS AND COMMUNICATION 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
1ST YEAR	Advanced Engineering Mathematics	16ELD11				
	Digital VLSI Design	16EVE12	√		√	
	Advanced Embedded system	16EVE13	√			
	Low power VLSI Design	16EVE14	√		√	
	VLSI and ES lab - 1	16EVEL16	√		√	
	Seminar	16EVE17				
	Digital System Design using Verilog	16EVE151	√		√	
	Design of Analog and Mixed mode VLSI Circuits	16EVE21				
	VLSI testing	16EVE22				
	Advances in VLSI design	16EVE23				
	Real time operating system	16EVE24				
	VLSI and ES lab - II	16EVEL26				
	Seminar	16EVE27				
	VLSI design for Signal processing	16EVE252	√		√	
2ND YEAR	Seminar / Presentation on Internship	16SEVE31	√		√	
	Report on Internship	16SEVE32	√		√	
	Evaluation and Viva-voce of Internship	16SEVE33	√		√	
	Evaluation of Project phase -1	16SEVE34	√			
	Synthesis and Optimization of Digital circuits	16SELD41				
	Advanced in image processing	16SCS422	√		√	
	Evaluation of Project Phase2	16SEVE43	√			
	Evaluation of Project Work and Viva-voce	16SEVE44	√			

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION 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
1ST YEAR	Advanced Mathematics	14ELD11				
	Digital VLSI Design	14EVE12	√			
	Advanced Embedded Systems	14EVE13	√		√	
	VLSI Process technology	14EVE14				
	VLSI Design and Embedded system lab - 1	14EVE16	√		√	
	Seminar	14EVE17				
	Digital system design using verilog	14ELD151	√			
	Design of Analog and Mixed mode VLSI Circuits	14EVE21				
	Low power VLSI design	14EVE22	√		√	
	VLSI testing and Verification	14EVE23				
	Real time operating systems	14EVE24				
	VLSI and ES lab - II	14EVE26				
	Seminar	14EVE27				
	Soc Design	14EVE255				
2ND YEAR	Seminar / Presentation on Internship	14EVE31	√		√	
	Report on Internship **Evaluation and Viva	14EVE32	√		√	
	Evaluation and Viva-voce	14EVE33	√		√	
	Synthesis and optimization of digital circuits	14EVE41	√		√	
	Image and Video Processing	14ELD122	√		√	
	Evaluation of Project Phase I	14EVE43	√			
	Evaluation of Project Phase II	14EVE44	√			
	Evaluation of Project Work and Viva-voce	14EVE45	√			

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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
1ST YEAR	Advanced Mathematics	14ELD11				
	Digital VLSI Design	14EVE12	√		√	
	Advanced Embedded Systems	14EVE13	√		√	
	VLSI Process technology	14EVE14				
	VLSI Design and Embedded system lab - 1	14EVE16	√		√	
	Seminar	14EVE17				
	Digital system design using verilog	14ELD151	√		√	
	Design of Analog and Mixed mode VLSI circuits	14EVE21				
	Low power VLSI design	14EVE22	√		√	
	VLSI testing and Verification	14EVE23				
	Real time operating systems	14EVE24			√	
	VLSI and ES lab - II	14EVE26				
	Seminar	14EVE27				
	Soc Design	14EVE255			√	
2ND - YEAR	Seminar / Presentation on Internship	14EVE31	√		√	
	Report on Internship **Evaluation and Viva-	14EVE32	√		√	
	Evaluation and Viva-voce	14EVE33	√		√	
	Synthesis and optimization of digital circuits	14EVE41	√		√	
	Image and Video Processing	14ELD422	√		√	
	Evaluation of Project Phase I	14EVE43	√			
	Evaluation of Project Phase II	14EVE44	√			
	Evaluation of Project Work and Viva-voce	14EVE45	√			

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