



Change Summaries of M.Tech Computer Science & Engineering

REGISTRAR
KLE Technological University
HUBBALLI-580 031

Date: 16-03-2021

Change Summary Document

Change summary between 2015-16 and 2016-17 admitted batches
(i.e. 2015 to 17 batch 2016 to 18 batch)

Semester	Course Name	Total Hours	Revision Hrs	% Change	Year of Implementation
I	Data Structures and Algorithms	56	0	0%	
	Software Engineering	56	0	0%	
	Database Management System	56	0	0%	
	Operating Systems	56	0	0%	
	Elective - I				
	Compiler Design	56	56	100%	2016-2017
	Embedded Systems 16ECSE706	56	0	0%	
	Cryptography and Network Security	56	56	100%	2016-2017
	Data Structures and Algorithms Lab 16ECSP708	42	0	0%	
	DBMS with Web Technology Lab 16ECSP709	42	0	0%	
	Recent Topics on Technology Trends 16ECST710	14	0	0%	
		490	112	22.85%	
II	Distributed and Cloud Computing	56	56	100%	2017-2018
	Computer Networks	56	5	10%	2017-2018
	Software Testing	42	42	100%	2017-2018
	MTLR	42	0	0%	
	Philosophy and Practice of Engineering Education	56	0	0%	
	Elective - 2				
	Computer Graphics	56	56	100%	2017-2018
	Applied Parallel Computing	56	56	100%	2017-2018
	Internet Of Things	56	56	100%	2017-2018
	Software Testing Lab	42	42	100%	2017-2018
	Distributed and Cloud Computing Lab	42	42	100%	2017-2018
	Research papers Study & Writing	56	0	0%	
	Total		560	275	49.10%

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13 courses revised
16.03.2021 change

III	Data Mining and Business Analytics	56	56	100%	2017-2018
	Elective - 3				
	Computer Systems Performance Analysis	56	0	0%	
	Image and Video Processing	56	56	100%	2017-2018
	Wireless Networks	56	56	100%	2017-2018
	Industrial Training/ Mini Project	56	0	0%	
	Minor Project	224	0	0%	
	Total	504	168	33.33%	
IV					
	Project Work	1200	0	0%	
	Total	1200	0	0%	
	Grand Total	2754	555	20.15%	

Evidence enclosed:

Schemes of 2015-17 batch and 2016-18 batch with changes shown in different colour

Total Number of Courses	Total Number of Courses Changed	% Change
28	13	46.42 %


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Date: 16-03-2021

Change Summary Document

**Change summary between 2016-17 and 2017-18 admitted batches
(i.e. 2016 to 18 batch 2017 to 19 batch)**

Semester	Course Name	Total Hours	Revision Hrs	% Change	Year of Implementation
I	Data Structures and Algorithms	56	14	25%	2016-17
	Software Engineering	56	14	25%	2016-17
	Database Management System	56	14	25%	2016-17
	Operating Systems	56	14	25%	2016-17
	Elective - I				
	Artificial Intelligence and Machine Learning	56	70	100%	2016-17
	Embedded Systems	56	14	25%	2016-17
	Cryptography and Network Security	56	14	25%	2016-17
	Data Structures and Algorithms Lab	42	0	0%	
	Web Technology Lab	42	42	100%	2016-17
	Recent Topics on Technology Trends	14	0	0%	
		490	196	40%	
II	Distributed and Cloud Computing	56	14	25%	2017-18
	Computer Networks	56	14	25%	2017-18
	Software Testing	42	28	50%	2017-18
	Mathematics		42	100%	2017-18
	MTLR	42	0	0%	
	Philosophy and Practice of Engineering Education	56	0	0%	
	Elective - 2				
	Multimedia and Image Processing	56	70	100%	2017-18
	Applied Parallel Computing	56	14	25%	2017-18
	Internet Of Things	56	14	25%	2017-18
	Research papers Study & Writing	56	0	0%	
	Total		784	196	25%

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12 courses revised
 66.67% change

III	Big Data Analytics	56	14	25%	
	Elective - 3				
	Computer Graphics and Vision	56	70	100%	2017-18
	Mobile application Development	56	70	100%	2017-18
	Wireless Networks	56	0	0%	
	Industrial Training/ Mini Project	56	0	0%	
	Minor Project	224	0	0%	
	Total	504	154	30.55%	
IV					
	Project Work	1200	0	0%	
	Total	1200	0	0%	
	Grand Total	2978	546	18.33%	

Evidence enclosed:

Schemes of 2016-18 batch and 2017-19 batch with changes shown in different colour

Total Number of Courses	Total Number of Courses Changed	% Change
27	18	66.67 %

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Date: 16-03-2021

Change Summary Document

Change summary between 2017-18 and 2018-19 admitted batches
(i.e. 2017 to 19 batch 2018 to 20 batch)

Semester	Course Name	Total Hours	Revision Hrs	% Change	Year of Implementation
I	Applied Mathematics	56	56	100 %	2018-19
	Internet of Things	56	42	100 %	2018-19
	Database Management System	70	0%		
	Computer Networks	56	56	100%	2018-19
	Operating Systems	70	0	0%	
	Data Structure Lab	42	84	100%	
	Python Programming Lab	42	42	100%	
	Web Technology Lab	42	0	0%	
		434	280	64.51%	
II	Design and analysis of Algorithms		84	100	
	Distributed & Cloud Computing		56	100%	
	Machine Learning		56	100%	
	Software Engineering		56	100%	
	Image and Video Processing		56	100%	
	Cryptography and Network Security-		56	100%	
	Elective - 1				
	PPEE		56	100%	
	Embedded Systems		56	100%	
	CG and Vision		56	100%	
	Minor Project			112	
	Total	784	644	82.14%	
III	Big Data Analytics	56	0	0%	
	Elective - 3				
	Parallel Computing	56	56	100 %	
	Social Network Analysis	56	56	100 %	
	Wireless and Mobile Network	56	56	100 %	

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18 courses revised
 75% change

	Industrial Training/ Mini Project	56	0	0	
	Minor Project	224	56	25%	
	Total	504	224	44.44%	
IV					
	Project Work	1200	0	0%	
	Total	1200	0	0%	
	Grand Total	2978	1568	52.65%	

Evidence enclosed:

Schemes of 2015-17 batch and 2016-18 batch with changes shown in different colour

Total Number of Courses	Total Number of Courses Changed	% Change
24	18	75%


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Date: 16-03-2021

Change Summary Document

Change summary between 2018-19 and 2019-21 admitted batches
(i.e. 2018 to 20 batch 2019 to 21 batch)

Semester	Course Name	Total Hours	Revision Hrs	% Change	Year of Implementation
I	Applied Mathematics	70	0	0%	
	Internet of Things	42	0	0%	
	Database Management System	70	0	0%	
	Computer Networks	70	0	0%	
	Operating Systems	70	0	0%	
	Data Structure Lab	84	0	0%	
	Python Programming Lab	42	0	0%	
	Web Technology Lab	42	0	0%	
	Total	490	0	0%	
II	Design and analysis of Algorithms	84	0	0%	
	Distributed & Cloud Computing	56	0	0%	
	Machine Learning	56	0	0%	
	Software Engineering	56	0	0%	
	Image and Video Processing	56	0	0%	
	Cryptography and Network Security-	56	0	0%	
	Elective - 1		0	0%	
	Embedded Systems	56	0	0%	
	CG and Vision	56	0	0%	
	Parallel Computing	56	56	100%	2020-21
	Minor Project	112			
		Total	644	56	8.69%
III	Industrial Training/ Mini Project		192	100%	2020-2021
	Project Phase - I		240	100%	
	Total	448	432	96.42	
IV	Project Work	1200	0	0%	

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03 courses revised
14.28% change

	Total	1200			
	Grand Total	2782	488	17.54%	

Evidence enclosed:

Schemes of 2018-20 batch and 2019-21 batch with changes shown in different colour

Total Number of Courses	Total Number of Courses Changed	% Change
21	03	14.28 %


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Sl. No.	First Semester	Second Semester	Third Semester	Fourth Semester
1	Applied Mathematics 18ECSC701 (3-0-1)	Design and Analysis of Algorithms 18ECSC709 (2-0-2)	Big Data Analytics 18ECSC801 (2-0-1)	Project Work 18ECSW810 (0-0-20)
2	Internet of Things 18ECSC702 (3-0-0)	Distributed & Cloud Computing 18ECSC710 (2-0-1)	Elective 2 (3 Credits) Parallel Computing 18ECSE802 (2-0-1) Social Network Analysis 18ECSE803 (2-0-1) Wireless and Mobile Network 18ECSE804 (2-0-1)	
3	Database Management System 18ECSC703 (3-0-1)	Machine Learning 18ECSC711 (2-0-1)	Elective -3 (3 Credits) Software Testing 18ECSE805 (2-0-1) Cyber Security 18ECSE806 (2-0-1) Software Defined Network 18ECSE807 (2-0-1)	
4	Computer Networks 18ECSC704 (3-0-1)	Software Engineering 18ECSC712 (2-0-1)	Minor Project 18ECSW808 (0-0-6)	
5	Operating Systems & Engineering 18ECSC705 (3-0-1)	Image and Video Processing 18ECSC713 (2-0-1)	Industrial Training/ Mini Project (18ECSW809) (0-0-2)	
6	Data Structures Laboratory 18ECSP706 (0-0-3)	Cryptography and Network Security- 18ECSC714 (2-0-1)		
7	Python Programming Laboratory 18ECSP707 (0-0-1.5)	Elective-1 (3 Credits) PPEE - 18ECRC701 (2-0-1) Embedded Systems- 18ECSE715 (2-0-1) CG and Vision- 18ECSE716 (2-0-1)		
8	Web Technology Lab 18ECSP708 (0-0-1.5)	Minor Project 18ECSW717 (0-0-4)		
9	25 (15-0-10)	26(14-0-12)	17(6-0-11)	20 (0-0-20)

Bos Meeting, SoCSE, KLETECH. 4/24/2018

2018-20



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