## KIT's College of Engineering (Autonomous), Kolhapur Department of Computer Science & Engineering





Proposed Curriculum Structure for Computer Science & Engineering

AY-2022-23

SEMESTER-III

		SEMESTER-III  Teaching Scheme Evaluation Scheme									eme
Sr.No	Course Code	Course Name	Curriculum Component	L	Т	P	Contact Hours	Credits	Component	Max Marks	Min marks for Passing
									ISE1	10	20
		Computational	20				_		MSE	30	
1	UCSC0301	Mathematics	BS	3	1		4	4	ISE2	10	
									ESE	50	20
									ISE1	10	
		Discrete					4	,	MSE	30	20
2	UCSC0302	Mathematical	PC	3	1			4	ISE2	10	
		Structure							ESE	50	20
									ISE1	10	
									MSE	30	20
3	UCSC0303	Data Structures	PC	3			3	3	ISE2	10	]
									ESE	50	20
		Digital Logic Design & Microprocessors							ISE1	10	
	UCSC0304								MSE	30	20
4			PC	3			3	3	ISE2	10	1
		a majoprocessors							ESE	50	20
								iii ii	ISE1	10	
	UCSC0305	Computer Networks	PC					No.	MSE	30	20
5				3			3	3	ISE2	10	1
									ESE	50	20
		Data Structures						18%	ISE	25	10
6	UCSC0306	Lab	PC			1	2	1	ESE (POE)	50	20
		Digital Lagia Dasign							ISE	25	10
7	UCSC0307	Digital Logic Design & Microprocessors Lab	PC			1	2	1	ESE (OE)	25	10
8	UCSC0308	Computer	PC			1	2	1	ISE	25	10
ð	003008	Networks Lab	PC						ESE (POE)	50	20
0	HCCCOSOO	Fundamentals of	DC.	1		1	3	2	ISE1	25	20
9	UCSC0309	Web	PC				3	2	ISE2	25	20
10	UCSA0301	Constitution of India (Audit Course -I)	AU	2			2	0	ESE	100	40
		Total		18	2	4	28	22		750	

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**SEMESTER-IV** 

				SEM					F 1.	ation Sch	eme		
				Teaching Scheme						Evaluation Scheme			
Sr.No	Course Code	Course Name	Curriculum Component	L	т	P	Contact Hours	Credits	Component	Max Marks	Min marks for Passing		
									ISE1	10			
		Computer					_	١.,	MSE	30	20		
1	UCSC0401	Algorithms	PC	3	1		4	4	ISE2	10			
		Algoritanis							ESE	50	20		
									ISE1	10			
						l l	4	4	MSE	30	20		
2	UCSC0402	Automata Theory	PC	3	1				ISE2	10			
		~ V					1		ESE	50	20		
		6.5							ISE1	10			
		Computer Graphics							MSE	30	20		
3	UCSC0403		PC	3			3	3	ISE2	10			
									ESE	50	20		
									ISE1	10	_		
1		Computer Organization and Architecture							MSE	30	20		
4	UCSC0404		PC	3			3	3	ISE2	10			
				1					ESE	50	20		
				3	71		3		ISE1	10	20		
		Software						3	MSE	30			
5	UCSC0405	Engineering	PC						ISE2	10			
									ESE	50	20		
		Computer Graphics				1	2	1	ISE	50	20		
6	UCSC0406	Lab	PC			1	2		ESE (POE)	50	20		
		Object Oriented	D.C.	2		1	4	3	ISE	50	20		
7	UCSC0407	Programming	PC	2					ESE (POE)	50	20		
			DIA			1	2	1	ISE1	25	20		
8	UCSC0408	Mini Project -l	PW						ISE2	25	20		
9	UCSA0401	Environmental Studies (Audit Course -II)	AU	2			2		ESE	100	40		
		Total		19	2	3	27	22		750			

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**SEMESTER-V** 

	Т			<u> </u>	To		a Cabana		Evalu	iation Sch	ome	
				Teaching Scheme					Evaluation Scheme			
Sr.No	Course Code	Course Name	Curriculum Component	L	Т	P	Contact Hours	Credits	Component	Max Marks	Min marks for Passing	
									ISE1	10		
		Database	20						MSE	30	20	
1	UCSC0501	Engineering	PC	3			3	3	ISE2	10		
									ESE	50	20	
							3		ISE1	10		
	1100000000		DC	,				3	MSE	30	20	
2	UCSC0502	Machine Learning	PC	3					ISE2	10		
									ESE	50	20	
								4	ISE1	10		
)	LICCOTOR	Project Management	HS	3	,		4		MSE	30	20	
12	UCSC0503		нэ	3	1		4		ISE2	10		
									ESE	50	20	
									ISE1	10	]	
4	LICSEDED*	Program Elective - I	PE	3			3	3	MSE	30	20	
•	0032030	Togram Elective - 1	"	3			3	3	ISE2	10		
		, i '						-	ESE	50	20	
		Open Elective-I						1	ISE1	10	20	
5	UCS0050*		OE	3			3	3	MSE	30		
	0030030		02						ISE2	10		
				ļ					ESE	50	20	
6	UCSC0504	Database	PC			1	2	1	ISE	25	10	
		Engineering Lab		<u> </u>	- 1			1	ESE (POE)	50	20	
7	UCSC0505	Machine Learning	PC			1	2	1	ISE	25	10	
	0 000000	Lab							ESE (OE)	25	10	
8	UCSC0506	Advanced	PC	2		1	2	3	ISE	25	10	
		Programming				<u> </u>	1		ESE (POE)	50	20	
9	UCSC0507	Mini Project -II	PW			1	2	1	ISE1	25	20	
						Ļ		<u> </u>	ISE2	25	20	
10	UCSA0501	(Audit Course-III)	AU	2			2		ISE	50	20	
		Total		19	1	4	26	22		750		

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## **SEMESTER-VI**

				Te	achir	ng Sc	heme		Evalu	uation Sch	eme
Sr.No	Course Code	Course Name	Curriculum Component	L	т	P	Contact Hours	Credits	Component	Max Marks	Min marks for Passing
				-	·	•	110415	G, Games	ISE1	10	
									MSE	30	20
1	UCSC0601	Operating System	PC	3			3	3	ISE2	10	
									ESE	50	20
									ISE1	10	
		Compiler						_	MSE	30	20
2	UCSC0602	Construction	PC	3			3	3	ISE2	10	
		Constitueion.							ESE	50	20
									ISE1	10	
		Information							MSE	30	20
3	UCSC0603	Security	PC	3			3	3	ISE2	10	
									ESE	50	20
		Program Elective-II							ISE1	10	
	UCSE060*			_					MSE	30	20
4			PE	3			3	3	ISE2	10	
					11				ESE	50	20
		- A						75	ISE1	10	
	UCS0060*	Open Elective-II		3				_	MSE	30	20
5			OË				3	3	ISE2	10	
									ESE	50	20
		Operating System	- nc			1	2	1	ISE	25	10
6	UCSC0604	Lab	PC			1	. 2	1	ESE (POE)	25	10
		Information	DC			1	2	1	ISE	25	10
7	UCSC0605	Security Lab	PC			1		1	ESE (OE)	25	10
		Mobile Application	PC	2		1	4	3	ISE	25	10
8	UCSC0606	Development	PC				4		ESE (POE)	25	10
_		Mini Daninat III	PW			1	2	1	ISE1	25	20
9	UCSC0607	Mini Project-III	PVV						ISE2	25	20
		Program Elective-II	PE			1	2	1	ISE	25	10
10	UCSE060*	Lab	76					ļ <u>'</u>	ESE (OE)	25	10
11	UCSA0601	Web Development Framework (Audit Course-IV)	AU	2			2	0	ISE	50	20
		Total		19	0	5	29	22		750	

Prof. Ajjt S. Patil Head CSE & Dean Academics

## **SEMESTER -VII**

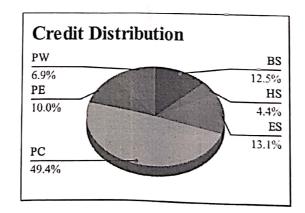
				Te	achi	ng Sc	heme		Eval	uation Sch	eme
Sr.No	Course Code	Course Name	Curriculum Component	L	т	Р	Contact Hours	Credits	Component	Max Marks	Min marks for Passing
									ISE1	10	
1	UCSC0701	Cloud Computing	PC	3			3	3	MSE	30	20
1	00300701	Cloud Computing	'`	3					ISE2	10	20
						ļ			ESE	50	20
									ISE1	10	30
2	UCSC0702	Advanced	PC	3			3	3	MSE	30	20
~	00300702	Database Systems					-		ISE2	10	20
									ESE	50	20
		Software Testing							ISE1	10	20
3	UCSC0703	_	PC	3			3	3	MSE	30 10	20
									ISE2	50	20
						-			ESE ISS1	10	20
		* Program Elective -							ISE1 MSE	30	20
4	UCSE070*		PE	3			3	3	ISE2	10	20
									ESE	50	20
		Claud Computing							ISE	25	10
4	UCSC0704	Cloud Computing Lab	PC			1	2	1	ESE (POE)	25	10
		Advanced				-			ISE	25	10
5	UCSC0705	Database Systems Lab	PC			1	2	1	ESE (POE)	50	20
	UCSC0706	Software Testing	PC		j	1	2	1	ISE	25	10
6	UCSCU706	and Quality Assurance Lab	PC			1	2		ESE (POE)	50	20
7	UCSC0707	Web Technology	PC	2		1	4	3	ISE	25	10
,			, ,				. 18		ESE (POE)	50	20
9	UCSC0708	Project Phase - I	PW			2	4	2	ISE	25	10
	2 22 20 7 00	-						-	ESE (OE)	50	20
10	UCSA0701	Software Systems (Audit Course - V)	AU			1	2	0	ISE	50	20
		Total		14	0	7	28	20		750	

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## **SEMESTER-VIII**

					achi	ng Sc	heme		Evaluation Scheme		
Sr.No	Course Code	Course Name	Curriculum Component	L	T	P	Contact Hours	Credits	Component	Max Marks	Min marks for Passing
							3		ISE1	10	
1	UCSE080*	Program Elective –	PE	3				3	MSE	30	20
-	5 55 2 5 5 5	IV	'`		1				ISE2	10	
									ESE	50	20
		Program Elective – V	PE				3		ISE1	10	20
2	UCSE080*			3				3	MSE	30	
_				3			3	3	ISE2	10	
									ESE	50	20
3	UCSC0801	Project Phase - II	PW			4	8	4	ISE	100	40
	OCSCU801 Project Phase - II PW	,			7		7	ESE	100	40	
4	UCSC0802	02 Internship	PW					2	ISE1	50	20
7	ococooz internship PW	1 00					2	ISE2	50	20	
		Total		6	0	4	14	12		500	

B.Tech CSE Total Credit Distribution						
Component	Credits					
BS	20					
HS	7					
ES	21					
PC	79					
PE	16					
OE	6					
PW	11					
Total	160					



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