

**Kolhapur Institute of Technology's  
College of Engineering (Autonomous),  
Kolhapur**



**Department of CSE (DS)**

**Syllabus for Final Year B. Tech.**

**Computer Science and Engineering (DS)**

**Scheme: 2021**

## SEM VII

SEMESTER VII								
Sr. No.	Course Code	Course Name	L	T	P	Hrs. / Week	Credits	Category
1	UDS0701	Image Processing & Video Analytics	3			3	3	PC
2	UDS0702	Big data Analytics	3			3	3	PC
3	UDS0703	Deep learning	3	1		3	3	PC
4	UDS0704	Android app development	3	0		3	3	PC
5	UDSE07**	Program Elective-III	3			3	3	PE
6	UDS0731	Mobile App Development-Lab			2	2	1	PC
6	UDS0732	Image Processing & Video Analytics Lab			2	2	1	PC
7	UDS0751	Project Phase-I			4	4	2	PW
Total:						23	20	

### Program Elective III

Sr. No.	Course Code	Course Name	L	T	P	Hrs. / Week	Credits
1	UDSE0721	Natural Language Processing	3			3	3
2	UDSE0722	Time Series Analysis	3			3	3
3	UDSE0723	Nature Inspired Computing	3			3	3
4	UDSE0724	Blockchain	3			3	3
5	UDSE0724	Basics of Network Engineering	3			3	3
Total:						15	3

# SEM VIII

SEMESTER VIII								
Sr. No.	Course Code	Course Name	L	T	P	Hrs. / Week	Credits	Category
1	UDSE08**	Program Elective-IV	3			3	3	PE
2	UDSE08**	Program Elective-IV	3			3	3	PE
3	UDSC0851	Project Phase-II			8	8	4	PW
4		Internship			4	4	2	PW
Total:						18	12	

PROGRAM ELECTIVE IV								
Sr. No.	Course Code	Course Name	L	T	P	Hrs. / Week	Credits	
1	UDSE0821	Security Scripting and Analysis	3			3	3	
2	UDSE0822	Social Media and Digital Marketing Analysis	3			3	3	
3	UDSE0823	Intelligent Transportation System	3			3	3	
4	UDSE0824	Computational Method for Image Processing	3			3	3	
5		Algorithmic Trading	3			3		
Total:						15	9	