

Department of Information Science and Engineering, SDMCET, Dharwad.

PERFORMANCE ANALYSIS REPORT

YEAR: 2017-18

PROGRAMME OUTCOME

YEAR [2017-18]

Semester	Attainment of Programme Outcome expressed in %													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1/2	73.16	73.8	60.66	—	—	60.3	59.5	—	—	—	—	73	73.16	73.8
3	71.69	70.58	66.7	65.85	—	—	—	—	—	—	—	58.6	68.55	53
4	84.45	80.14	78.29	80.09	86.75								80.8	
5	83.74	78.36	72.6	71.2	83.5	—	—	94.7	82.4	86.8	50.75	—	72.58	81.45
6	79.03	79.61	78.74	80	86.15	—	—	—	—	75.6	80	75.6	79.82	79.53
7	78.8	80.25	93.38	86.55	76.46	—	—	—	—	—	—	—	85.33	85
8	81.92	86.63	84	90.35	85.7	—	—	—	91	83	91	75	82.03	91
Average	78.97	78.48	76.34	79.01	83.71	60.30	59.50	94.70	86.70	81.80	73.92	70.55	77.47	77.30

3rd Semester POs attainment summary and Inference

SUMMARY OF COURSE OUTCOME ATTAINMENT

Semester: 3

YEAR [2017-18]

Continuous Internal Evaluation

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %				
			CO-1	CO-2	CO-3	CO-4	CO-5
1	15UMAC300	Engineering Mathematics-III	53.33	65.33	70.67	92	89.33
2	15UISC300	Data Structures	50.7	50	50	48	0
3	15UISC301	Digital Circuits	48.7	48	49.3	49.3	49.3
4	15UISC302	Discrete Mathematical & Graphical Structures	43.3	45.3	41.3	42.0	44.7
5	15UISC303	Computer Organization	40.8	45.4	41.4	42.1	43.4
6	15UISL304	Digital Circuits Lab	43	37	0	0	0
7	15UISL305	Data Structures Lab	34	30	26	0	0
8	15UISL306	Unix / Linux Lab	47	47	47	47	47

Semester End Exam

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %									
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6	CO-7	CO-8	CO-9	CO-10
1	15UMAC300	Engineering Mathematics	53.33	65.33	70.67	92	89.33					
2	15UISC300	Data Structures	45.3	44.7	46.7	44.7	0	0				
3	15UISC301	Digital Circuits	33.3	24.0	27.3	38.0	18.7	0				
4	15UISC302	Discrete Mathematical & Graphical Structures	40.7	40.0	30.7	19.3	6.7					
5	15UISC303	Computer Organization	9.9	10.5	17.1	20.4	19.1					
6	15UISL304	Digital Circuits Lab	43	33	0	0	0	0				
7	15UISL305	Data Structures Lab	25	25	25	0	0	0				
8	15UISL306	Unix / Linux Lab	19	19	19	19	19	0				

FINAL

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %										
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6	CO-7	CO-8	CO-9	CO-10	
1	15UMAC300	Engineering Mathematics	53.33	65.33	70.67	92	89.33						
2	15UISC300	Data Structures	95.4	94.1	96.5	92.4	9.0	9.7					
3	15UISC301	Digital Circuits	82.0	72.0	76.7	87.3	68.0	0					
4	15UISC302	Discrete Mathematical & Graphical Structures	75.6	76.8	64.8	55.2	46.2	0					
5	15UISC303	Computer Organization	50.7	55.9	58.6	62.5	62.5	0					
6	15UISL304	Digital Circuits Lab	69	56	0	0	0	0					
7	15UISL305	Data Structures Lab	59	55	51	0	0	0					
8	15UISL306	Unix / Linux Lab	72	72	72	72	72	20					

COURSE LEVEL PROGRAMME OUTCOME ATTAINMENT AND ACTION PLAN

Semester: 3

YEAR [2017-18]

Sl. No	Course Title	Name of the course teacher	Signature of the course teacher	Attainment of Programme Outcome expressed in %														
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	
1	Engineering Mathematics	Sri Basavaraj		90.67	69.67													
2	Data Structures	Dr.J.D.Pujari		94.7	94.5											94.4		
3	Digital Circuits	Ms. Deepa B		77.6	78.0	76.9	75.7											
4	Discrete Mathematical & Graphical Structures	Shri. Tanveer Ahmed		65.4	62.4												66.2	
5	Computer Organization	Ms.Arati Nayak		57.2	62.5	55.9										58.6	58.6	
6	Digital Circuits Lab	Sri. S.S Joshi/ Ms. Deepa B		61		62	56											
7	Data Structures Lab	Ms.Arati Nayak/ Ms. Anita Dixit		55	55												55	53
8	Unix / Linux Lab	Sri Tanveer Ahmed/ Ms.Varsha Jadhav		72	72	72												
AVERAGE				71.69	70.58	66.7	65.85									58.6	68.55	53

4th Semester POs attainment summary and Inference

SUMMARY OF COURSE OUTCOME ATTAINMENT

Semester: 4

YEAR [2017-18]

Continuous Internal Evaluation

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	15UMAC400	Engineering Mathematics IV	85.86	86.28	90.28	89.98	90.5	
2	15UISC400	Object Oriented Programming	49.3	47.9	48.6	49.3		
3	15UISC401	Analysis and Design of Algorithms	43.3	39.3	44.0	44.7	40.7	0
4	15UISC402	Data Communication	47.3	46.7	43.3	0	0	0
5	15UISC403	Microcontroller 8051	49.3	48.6	48.6	48.6	0	0
6	15UISC404	Finite Automata & Formal Language	38.8	30.3	34.9	47.4	0	0
7	15UISL405	Microcontroller Laboratory	41	43	44	0	0	0
8	15UISL406	Object Oriented Programming Laboratory	47	47	47	47	47	0

Semester End Exam

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	15UMAC400	Engineering Mathematics IV	85.86	86.28	90.28	89.98	90.5	
2	15UISC400	Object Oriented Programming	45.7	43.6	45.0	42.9		
3	15UISC401	Analysis and Design of Algorithms	31.3	41.3	41.3	41.3	27.3	0
4	15UISC402	Data Communication	34.0	16.7	34.7	0	0	0
5	15UISC403	Microcontroller 8051	43.2	44.6	32.4	41.9	0	0
6	15UISC404	Finite Automata & Formal Language	28.3	41.4	17.1	15.8	0	0
7	15UISL405	Microcontroller Laboratory	43	43	43	0	0	0
8	15UISL406	Object Oriented Programming Laboratory	47	47	47	47	47	0

FINAL

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	15UMAC400	Engineering Mathematics IV	85.86	86.28	90.28	89.98	90.5	
2	15UISC400	Object Oriented Programming	94.3	91	92.8	91.6		
3	15UISC401	Analysis and Design of Algorithms	77.2	082.4	86.6	87.2	70.2	0
4	15UISC402	Data Communication	81.3	63.3	78.0	0	0	0
5	15UISC403	Microcontroller 8051	92.3	92.8	82.5	81.5	0	0
6	15UISC404	Finite Automata & Formal Language	69.4	73.4	56.3	65.8	9.0	9.7
7	15UISL405	Microcontroller Laboratory	81	83	83	0	0	0
8	15UISL406	Object Oriented Programming Laboratory	93	94	94	94	94	0

5th Semester POs attainment summary and Inference

SUMMARY OF COURSE OUTCOME ATTAINMENT

Semester: 5

YEAR [2017-18]

Continuous Internal Evaluation

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	11UISC500	Management Entrepreneurship and Protection of Intellectual Property(MEPIP)	49.3	49.3	49.3	49.3	0	0
2	11UISC501	Operating System	50	50	50	0	0	0
3	11UISC502	Database Management System	44.7	44.0	40.7	43.3	44.7	44.7
4	11UISC503	System Software	100	94.7	88.2	92.1	0	0
5	11UISL504	Programming in Java	44.5	33.6	42.1	38.2	0	0
6	11UISL505	Database Management System Lab	49	49	49	49	49	0
7	11UISL506	Java Lab	47	47	47	47	47	47
8	11UISL507	Mini Project – I	47	47	48	47	48	0

Semester End Exam

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	11UISC500	Management Entrepreneurship and Protection of Intellectual Property(MEPIP)	42.1	37.5	13.2	48.7	0	0
2	11UISC501	Operating System	21.7	47.4	0	0	0	0
3	11UISC502	Database Management System	42.0	34.7	28.7	28.7	34.7	26.7
4	11UISC503	System Software	38.2	2.0	31.6	31.6	0	0
5	11UISL504	Programming in Java	23.0	34.9	16.4	34.2	0	0
6	11UISL505	Database Management System Lab	44	36	44	36	36	0
7	11UISL506	Java Lab	42	42	42	42	42	42
8	11UISL507	Mini Project – I	50	50	50	50	50	0

FINAL

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	11UISC500	Management Entrepreneurship and Protection of Intellectual Property(MEPIP)	91.4	86.8	62.5	98.0	0	0
2	11UISC501	Operating System	73.5	96.5	54.5	9.0	9.0	9.7
3	11UISC502	Database Management System	87.1	77.7	69.9	72.9	78.3	69.5
4	11UISC503	System Software	88.3	53.3	77.6	78.9	9.0	9.7
5	11UISL504	Programming in Java	68.4	68.4	58.6	72.4	0	0
6	11UISL505	Database Management System Lab	93.2	85	93	84	84	0
7	11UISL506	Java Lab	88	88	89	89	89	89
8	11UISL507	Mini Project – I	78	78	78	78	78	0

COURSE LEVEL PROGRAMME OUTCOME ATTAINMENT AND ACTION PLAN

Semester: 5

YEAR [2017-18]

Sl. No	Course Title	Name of the course teacher	Signature of the course teacher	Attainment of Programme Outcome expressed in %														
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	
1	Management Entrepreneurship and Protection of Intellectual Property(MEPIP)	Vandana S S Bhat		91.4								94.7	86.8	86.8	62.5			
2	Operating System	Shri Vasudev K P		79.3	75.5	54.5										54.5		
3	Database Management System	Ms. Leena I Sakri		87.1	77.7	78.0	69.5									71.7	69.9	
4	System Software	Pushpalatha S Nikkam			81.6	53.3	53.3									53.3		
5	Programming in Java	Naveen Mirajkar		68.4	68.4	68.4												
6	Database Management System Lab	Ms. Leena I Sakri		93		87	84									89	89	
7	Java Lab	Naveen Mirajkar		89	89	89		89								89	89	
8	Mini Project – I	Ms. Anita Dixit		78	78	78	78	78				78	0	39		78	78	
AVERAGE				83.74	78.36	72.6	71.2	83.5				94.7	82.4	86.8	50.75		72.58	81.47

6th Semester POs attainment summary and Inference

SUMMARY OF COURSE OUTCOME ATTAINMENT

Semester: 6

YEAR [2017-18]

Continuous Internal Evaluation

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	15UISC600	Web Technology	40.3	44.8	47.4	0	0	0
2	15UISE601	File Structures	45.5	47.4	48.7	48.7	49.4	0
3	11UISC602	Software Engineering	50	50	50	50	0	0
4	15UISC603	Computer Networks	42.9	46.8	20.8	39.0	32.5	0
5	15UISE624	Advanced Database Management System	50	49.2	50	50	50	0
6	15UISL605	Mini Project II	50	50	50	50	0	0
7	15UISE623	Computer Graphics	50	50	50	50	0	0
8	15UISE620	Unix System Programming	34.9	37.5	44.7	46.7	0	0
9	15UISL604	Web Technology Lab	48	48	48			

Semester End Exam

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	15UISC600	Web Technology	29.2	22.7	44.2	0	0	0
2	15UISE601	File Structures	19.5	3.2	29.9	34.4	11.0	0
3	11UISC602	Software Engineering	34.7	34.7	17.4	25.0	0	0
4	15UISC603	Computer Networks	37.0	36.4	27.3	37.0	40.3	0
5	15UISE624	Advanced Database Management System	46.9	33.1	24.6	25.4	36.2	0
6	15UISL605	Mini Project II	50	50	50	50	0	0
7	15UISE623	Computer Graphics	46.2	46.2	46.2	42.3	0	0
8	15UISE620	Unix System Programming	11.2	13.8	0	42.1	0	0
9	15UISL604	Web Technology Lab	48	48	48			

FINAL

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	15UISC600	Web Technology	70.3	67.6	90.9	0	0	0
2	15UISE601	File Structures	67.4	54.5	80.2	83.8	63.4	0
3	11UISC602	Software Engineering	84.7	84.7	67.4	75.0	0	0
4	15UISC603	Computer Networks	79.9	83.1	48.1	76.0	72.7	0
5	15UISE624	Advanced Database Management System	96.2	83.0	76.7	76.8	86.5	0
6	15UISL605	Mini Project II	80	80	80	80	0	0
7	15UISE623	Computer Graphics	96.2	96.2	96.2	92.3	0	0
8	15UISE620	Unix System Programming	46.1	51.3	44.7	88.8	0.0	0
9	15UISL604	Web Technology Lab	96	96	96			

COURSE LEVEL PROGRAMME OUTCOME ATTAINMENT AND ACTION PLAN

Semester: 6

YEAR [2017-18]

Sl. No	Course Title	Name of the course teacher	Signature of the course teacher	Attainment of Programme Outcome expressed in %														
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	
1	Web Technology	Ms. Pratibha Badiger		77.0	76.3	75.4											79.2	79.2
2	File Structures	Dr. J D Pujari		69.7	69.6												69.6	63.4
3	Software Engineering	Tanweer Ahmed		78.5	76.6	77.0							71.2		71.2			
4	Computer Networks	Prof S S Joshi		72.7	74.4												70.8	
5	Advanced Database Management System	Leena I Sakri		81.5	83.0	83.7												
6	Mini Project II	Ms.Anita Dixit					80	80					80	80	80	80		
7	Computer Graphics	Arati S Nayak		95.6	94.2			92.3									94.2	
8	Unix System Programming	Varsha S Jadav		61.3	66.8	61.6											69.0	
9	Web Technology Lab	Naveen Mirajkar		96	96	96											96	96
AVERAGE				79.03	79.61	78.74	80	86.15					75.6	80	75.6	79.82	79.53	

7th Semester POs attainment summary and Inference

SUMMARY OF COURSE OUTCOME ATTAINMENT

Semester: 7

YEAR [2017-18]

Continuous Internal Evaluation

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	11UISC701	Network Security and Cryptography	47.8	47.8	47.1	47.1	41.2	0
2	11UISE760	Mobile Computing	47.8	47.8	49.3	0	0	0
3	11UISL704	Computer Networks Lab	50	18	45	0	0	0
4	15UISE752	Software Testing	43.0	47.7	48.8	47.7	0	0
5	11UISE702	Data Mining	43.4	47.8	47.1	45.6	41.9	0
6	11UISL703	Project Phase I	50	50	50	50	50	50
7	11UISL705	Data mining and Machine learning tools	49	49				
8	11UISE751	Information Storage Management	35.2	40.7	38.9	46.3	46.3	44.4

Semester End Exam

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	11UISC701	Network Security and Cryptography	39.0	50	0	33.1	50	0
2	11UISE760	Mobile Computing	40.4	37.5	40.4	0	0	0
3	11UISL704	Computer Networks Lab	33	42	50	0	0	0
4	15UISE752	Software Testing	46.5	10.5	38.4	36.0	0	0
5	11UISE702	Data Mining	35.3	28.7	46.3	47.1	22.8	0
6	11UISL703	Project Phase I	38	38	38	38	38	38
7	11UISL705	Data mining and Machine learning tools	33	42				
8	11UISE751	Information Storage Management	24.1	35.2	9.3	37.0	18.5	25.9

FINAL

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	11UISC701	Network Security and Cryptography	88.1	97.9	52.4	82.1	82.1	0
2	11UISE760	Mobile Computing	88.2	84.6	89.7	0	0	0
3	11UISL704	Computer Networks Lab	83	60	94	0	0	0
4	15UISE752	Software Testing	80.6	52.3	78.5	75.3	0	0
5	11UISE702	Data Mining	78.7	76.5	93.4	92.6	64.7	0
6	11UISL703	Project Phase I	91	91	91	91	91	91
7	11UISL705	Data mining and Machine learning tools	81	91				
8	11UISE751	Information Storage Management	59.3	75.9	48.1	83.3	64.8	70.4

COURSE LEVEL PROGRAMME OUTCOME ATTAINMENT AND ACTION PLAN

Semester: 7

YEAR [2017-18]

Sl. No	Course Title	Name of the course teacher	Signature of the course teacher	Attainment of Programme Outcome expressed in %													
				1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Network Security and Cryptography	Dr. Rajashekarappa			88.1	97.9	82.1	52.4									
2	Mobile Computing	Shri. S S Joshi		87.4													
3	Computer Networks Lab	Dr. Rajashekarappa			79	94										79	79
4	Software Testing	Tanweer Ahmed		72.7	79.5												
5	Data Mining	Prof Leena I Sakri		72.9	93.0	93.0											
6	Project Phase I	Varsha Jadhav		91	91	91	91	91				91	91	91		91	91
7	Data mining and Machine learning tools	Naveen Mirajkar		91	86	91		86								86	
8	Information Storage Management	VARSHA J		57.8	45.2												
AVERAGE				78.8	80.25	93.38	86.55	76.46								85.33	85

8th Semester POs attainment summary
and Inference (EVEN)

SUMMARY OF COURSE OUTCOME ATTAINMENT

Semester: 8

YEAR [2017-18]

Continuous Internal Evaluation

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	11UISE800	Big Data Analytics	48.6	48.6	47.8	48.6	48.6	0
2	11UISE860	Software Architecture	47.5	47.5	50	50	0	0
3	11UISE852	Internet Of Things	48.5	48.5	48.5	48.5	0	0
4	11UIL802	Seminars	49	49	0	0	0	0
5	11UISE862	Wireless and Sensor Networks	46.9	49.0	50	0	0	0
6	11UISL801	Project Phase II	50	50	50	50	50	50

Semester End Exam

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	11UISE800	Big Data Analytics	46.4	46.4	42.8	23.9	10.9	0
2	11UISE860	Software Architecture	32.5	22.5	30	20	0	0
3	11UISE852	Internet Of Things	49.3	40.4	43.4	41.2	0	0
4	11UIL802	Seminars	0	0	0	0	0	0
5	11UISE862	Wireless and Sensor Networks	28.1	41.7	45.8	0	0	0
6	11UISL801	Project Phase II	38	38	38	38	38	38

FINAL

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	11UISE800	Big Data Analytics	94.9	94.9	90.6	72.5	59.4	0
2	11UISE860	Software Architecture	72.0	63.0	72.0	63.0	0	0
3	11UISE852	Internet Of Things	97.8	89.0	91.9	89.7	0	0
4	11UIL802	Seminars	75	75	50	50	50	50
5	11UISE862	Wireless and Sensor Networks	75	90.6	95.8	0	0	0
6	11UISL801	Project Phase II	91	91	91	91	91	91

COURSE LEVEL PROGRAMME OUTCOME ATTAINMENT AND ACTION PLAN

Semester: 8

YEAR [2017-18]

Sl. No	Course Title	Name of the course teacher	Signature of the course teacher	Attainment of Programme Outcome expressed in %													
				1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Big Data Analytics	Vanmdana S Bhat		83.4	92.0			74.2									
2	Software Architecture	Tanweer Ahmed		67.9	70.2	72.0										64.5	
3	Internet Of Things	S R Biradar			97.8	89.0	89.7	91.9									
4	Seminars	Tanweer Ahmed			75								75		75		
5	Wireless and Sensor Networks	S S Joshi		85.4	93.8											90.6	
6	Project Phase II	Varsha Jadav		91	91	91	91	91				91	91	91		91	91
AVERAGE				81.92	86.63	84	90.35	85.7				91	83	91	75	82.0	91

2018-19

3rd Semester POs attainment summary and Inference

SUMMARY OF COURSE OUTCOME ATTAINMENT

Semester: 3

YEAR [2020-21]

Continuous Internal Evaluation

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %				
			CO-1	CO-2	CO-3	CO-4	CO-5
1	15UMAC300	Engineering Mathematics-III	53.33	65.33	70.67	92	89.33
2	15UISC300	Data Structures	46.4	47.1	45.7	---	---
3	15UISC301	Digital Circuits	48.6	47.9	46.4	47.9	---
4	15UISC302	Discrete Mathematical & Graphical Structures	46.5	45.8	45.1	47.9	49.3
5	15UISC303	Computer Organization	37.9	43.6	43.6	32.9	46.4
6	15UISL304	Digital Circuits Lab	48	36	30	---	---
7	15UISL305	Data Structures Lab	29	37	24	---	---
8	15UISL306	Unix / Linux Lab	42	42	42	42	42

Semester End Exam

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %				
			CO-1	CO-2	CO-3	CO-4	CO-5
1	15UMAC300	Engineering Mathematics-III	53.33	65.33	70.67	92	89.33
2	15UISC300	Data Structures	17.1	22.9	34.3	---	---
3	15UISC301	Digital Circuits	37.9	27.1	42.1	23.6	---
4	15UISC302	Discrete Mathematical & Graphical Structures	23.2	33.8	26.1	16.9	11.3
5	15UISC303	Computer Organization	21.4	29.3	20.0	32.1	35.0
6	15UISL304	Digital Circuits Lab	31	33	39	---	---
7	15UISL305	Data Structures Lab	23	23	23	---	---
8	15UISL306	Unix / Linux Lab	20	20	20	20	20

FINAL

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %				
			CO-1	CO-2	CO-3	CO-4	CO-5
1	15UMAC300	Engineering Mathematics-III	53.33	65.33	70.67	92	89.33
2	15UISC300	Data Structures	66.2	71.9	81.5		
3	15UISC301	Digital Circuits	86.8	77.0	89.1	73.3	
4	15UISC302	Discrete Mathematical & Graphical Structures	69.7	79.6	71.1	64.8	60.6
5	15UISC303	Computer Organization	60.6	71.6	63.2	65.7	78.5
6	15UISL304	Digital Circuits Lab	83	74	76		
7	15UISL305	Data Structures Lab	56	64	52		
8	15UISL306	Unix / Linux Lab	53.33	65.33	70.67	92	89.33

COURSE LEVEL PROGRAMME OUTCOME ATTAINMENT AND ACTION PLAN

Semester: 3

YEAR [2020-21]

Sl. No	Course Title	Name of the course teacher	Signature of the course teacher	Attainment of Programme Outcome expressed in %													
				1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Engineering Mathematics	Sri Prakash Badiger		90.67	69.67												
2	Data Structures	Dr.J.D. Pujari		70.4	76.7											75.2	
3	Digital Circuit	Ms. Deepa B		83.2	81.5	74.2	73.3										
4	Discrete Mathematical & Graphical Structures	Chetana Shetty			67.6												
5	Computer Organization	Ms.Arati Nayak		63.2	74.2	71.6									63.2	63.2	
6	Digital Circuits Lab	Sri. S.S Joshi/ Ms. Deepa B		78		79	74	76									
7	Data Structures Lab	Ms.Arati Nayak/ Ms. Anita Dixit		57	57										52	57	54
8	Unix / Linux Lab	Sri Tanveer Ahmed/ Ms.Varsha Jadhav		70	70	70											
AVERAGE				73.21	61	73.7	73.65	76							57.6	65.1	54

5th Semester POs attainment summary and Inference

SUMMARY OF COURSE OUTCOME ATTAINMENT

Semester: 5

YEAR [2018-19]

Continuous Internal Evaluation

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	11UISC500	Management Entrepreneurship and Protection of Intellectual Property(MEPIP)	50.0	50.0	50.0	50.0	---	---
2	11UISC501	Operating System	49.3	49.3	49.3	---	---	---
3	11UISC502	Database Management System	47.9	47.9	45.9	50.0	46.6	46.6
4	11UISC503	System Software	41.1	41.8	39.7	39.7	---	---
5	11UISL504	Programming in Java	43.8	41.8	47.9	44.5	44.5	40.4
6	11UISL505	Database Management System Lab	48	48	48	48	48	---
7	11UISL506	Java Lab	45	45	45	45	44	47
8	11UISL507	Mini Project – I	49	49	49	49	49	49

Semester End Exam

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	11UISC500	Management Entrepreneurship and Protection of Intellectual Property(MEPIP)	47.3	46.6	38.4	30.8	---	---
2	11UISC501	Operating System	42.6	46.6	12.2	---	---	---
3	11UISC502	Database Management System	31.5	36.3	27.4	26.7	34.9	32.2
4	11UISC503	System Software	47.9	36.3	40.4	45.9	---	---
5	11UISL504	Programming in Java	39.7	42.5	39.7	28.1	29.5	15.1
6	11UISL505	Database Management System Lab	46	38	46	38	38	---
7	11UISL506	Java Lab	39	39	39	39	39	39
8	11UISL507	Mini Project – I	33	42	50	28	20	44

FINAL

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	11UISC500	Management Entrepreneurship and Protection of Intellectual Property(MEPIP)	96.0	95.5	86.0	76.7	---	---
2	11UISC501	Operating System	91.7	95.3	64.8	9.0	9.0	9.7
3	11UISC502	Database Management System	79.1	81.8	71.3	74.4	78.5	75.8
4	11UISC503	System Software	89.1	79.2	81.6	86.1	---	---
5	11UISL504	Programming in Java	83.1	83.9	87.0	72.8	74.1	57.1
6	11UISL505	Database Management System Lab	94	86	94	86	86	---
7	11UISL506	Java Lab	83	83	83	83	82	85
8	11UISL507	Mini Project – I	82	91	99	77	69	93

COURSE LEVEL PROGRAMME OUTCOME ATTAINMENT AND ACTION PLAN

Semester: 5

YEAR [2018-19]

Sl. No	Course Title	Name of the course teacher	Signature of the course teacher	Attainment of Programme Outcome expressed in %													
				1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Management Entrepreneurship and Protection of Intellectual Property(MEPIP)	Shri. Tanveer Ahmed		86.0	---	---	---	---	-	-	89.4	---	95.5	---	76.7	---	---
2	Operating System	Shri Vasudev P		92.6	80.0	64.8	---	---	-	-	---	---	---	---	---	64.8	---
3	Database Management System	Ms. Leena Sakri		79.1	81.8	79.8	75.8	---	-	-	---	---	---	---	---	73.2	71.3
4	System Software	Ms. Anita Dixit			85.6	79.2	79.2	---	-	-	---	---	---	---	---	79.2	
5	Programming in Java	Ms. Pratibha Badiger		75.7	75.9	77.0		57.1	-	-	---	---	---	---	---	85.5	72.5
6	Database Management System Lab	Ms. Leena Sakri		94	---	89	---	---	-	-	---	---	---	---	---	90	90
7	Java Lab	Ms. Pratibha Badiger		84	83	83	---	85	-	-	---	---	---	---	---	83	83
8	Mini Project – I	Dr. Rajashekar appa		86	90	91	96	77	-	-	---	69	93	81		89	86
AVERAGE				85.34	82.71	80.54	83.66	73.03	-	-	89.4	69	94.25	81	76.7	80.67	80.56

6th Semester POs attainment summary and Inference

SUMMARY OF COURSE OUTCOME ATTAINMENT

Semester: 6

YEAR [2018-19]

Continuous Internal Evaluation

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	11UISC600	Web Technology	38.4	37.7	43.2	---	---	---
2	11UISC601	File Structures	46.6	49.3	49.3	49.3	49.3	---
3	11UISC602	Software Engineering	46.6	50.0	26.7	49.3	---	---
4	11UISC603	Computer Networks	48.6	48.6	49.3	49.3	49.3	---
5	11UISL604	Web Technology Lab	49	49	47	---	---	---
6	11UISL605	Mini Project – II	50	50	49	50	---	---
7	11UISC620	Unix System Programming	50.0	45.0	45.0	45.0	---	---
8	11UISC622	Advanced Data Structures & Algorithms	42.6	44.4	50.0	---	---	---
9	11UISC623	Advanced Database Management System	47.9	50.0	50.0	42.5	---	---

Semester End Exam

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	11UISC600	Web Technology	39.0	24.0	43.2	---	---	---
2	11UISC601	File Structures	24.3	4.1	26.4	36.5	32.4	---
3	11UISC602	Software Engineering	49.3	47.9	49.3	48.6	---	---
4	11UISC603	Computer Networks	44.6	37.2	19.6	40.5	37.8	---
5	11UISL604	Web Technology Lab	38	38	38	---	---	---
6	11UISL605	Mini Project – II	33	42	50	28	---	---
7	11UISC620	Unix System Programming	20.0	40.0	35.0	32.5	---	---
8	11UISC622	Advanced Data Structures & Algorithms	48.1	45.4	40.7	---	---	---
9	11UISC623	Advanced Database Management System	41.1	26.7	36.3	28.1	---	---

FINAL

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	11UISC600	Web Technology	78.2	62.5	86.3	---	---	---
2	11UISC601	File Structures	72.9	56.9	77.6	86.2	83.1	---
3	11UISC602	Software Engineering	95.6	96.6	77.1	96.6	---	---
4	11UISC603	Computer Networks	92.9	86.1	71.5	89.9	87.4	---
5	11UISL604	Web Technology Lab	87	85	85	---	---	---
6	11UISL605	Mini Project – II	83	92	98	78	---	---
7	11UISC620	Unix System Programming	70.0	85.0	80.0	77.5	---	---
8	11UISC622	Advanced Data Structures & Algorithms	90.7	89.7	91.2	---	---	---
9	11UISC623	Advanced Database Management System	86.8	76.0	84.4	70.5	---	---

COURSE LEVEL PROGRAMME OUTCOME ATTAINMENT AND ACTION PLAN

Semester: **6**

YEAR [2018-19]

Sl. No	Course Title	Name of the course teacher	Signature of the course teacher	Attainment of Programme Outcome expressed in %													
				1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Web Technology	Ms. Pratibha Badiger		75.3	75.6	76.0	---	---	---	---	---	---	---	---	---	74.4	74.4
2	File Structures	Dr. J D Pujari		74.0	75.8	---	---	---	---	---	---	---	---	---	---	75.8	83.1
3	Software Engineering	Dr. Vandana S Bhat		96.1	96.6	---	96.6	---	---	---	---	---	86.8	---	86.8	---	---
4	Computer Networks	Vasudev Parvati		86.2	88.7	---	---	---	---	---	---	---	---	---	---	84.7	---
5	Web Technology Lab	Ms. Pratibha Badiger		86	86	86	---	---	---	---	---	---	---	---	---	85	85
6	Mini Project – II	Dr. Anita Dixit		---	---	---	83	83	---	---	---	---	83	98	92	78	---
7	Unix System Programming	Varsha S Jadhav		76.9	78.8	80.8	---	---	---	---	---	---	---	---	---	80.4	---
8	Advanced Data Structures & Algorithms	Dr. Anita Dixit		---	91.2	90.4	---	---	---	---	---	---	---	---	---	90.6	---
9	Advanced Database Management System	Ms. Leena Sakri		82.5	78.8	---	---	70.5	---	---	---	---	---	---	---	70.5	70.5

AVERAGE	82.42	83.93	83.3	89. 8	76.75	---	---	---	---	---	---	---	79.92	78.25
---------	-------	-------	------	----------	-------	-----	-----	-----	-----	-----	-----	-----	-------	-------

7th Semester POs attainment summary and Inference

SUMMARY OF COURSE OUTCOME ATTAINMENT

Semester: 7

YEAR [2018-19]

Continuous Internal Evaluation

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	15UISC700	User Interface Design	46.1	50.0	46.1	47.4	---	---
2	15UISC701	Big Data Analytics	50.0	50.0	50.0	50.0	50.0	---
3	15UISC702	Data Mining	49.4	46.1	44.2	49.4	49.4	---
4	15UISL703	Project Phase – I	50	50	50	50	50	50
5	15UISL704	Computer Networks Lab	50	50	---	---	---	---
6	15UISL705	Data Analytics Lab	39	49	50	11	---	---
7	15UISE751	Object Oriented Modeling and Design	48.7	49.3	48.0	---	---	---
8	15UISE760	Mobile Computing	50.0	45.0	22.5	---	---	---
9	15UISE760	Internet of Things	50.0	50.0	50.0	50.0	---	---

Semester End Exam

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	15UISC700	User Interface Design	46.7	34.9	40.1	30.3	---	---
2	15UISC701	Big Data Analytics	40.1	23.7	16.4	44.7	41.4	---
3	15UISC702	Data Mining	47.4	26.0	19.5	33.1	48.7	---
4	15UISL703	Project Phase – I	39	39	39	39	39	39
5	15UISL704	Computer Networks Lab	45	45	---	---	---	---
6	15UISL705	Data Analytics Lab	46	46	46	46	---	---
7	15UISE751	Object Oriented Modeling and Design	24.3	3.3	34.2	---	---	---
8	15UISE760	Mobile Computing	30.0	32.5	27.5	---	---	---
9	15UISE762	Internet of Things	50.0	50.0	50.0	49.1	---	---

FINAL

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	15UISC700	User Interface Design	90.2	83.2	84.2	76.9	---	---
2	15UISC701	Big Data Analytics	91.1	76.3	68.8	95.3	92.3	---
3	15UISC702	Data Mining	96.8	74.4	66.5	83.5	97.2	---
4	15UISL703	Project Phase – I	91	91	91	91	91	91
5	15UISL704	Computer Networks Lab	95	95	---	---	---	---
6	15UISL705	Data Analytics Lab	86	95	95	52	---	---
7	11UISE751	Object Oriented Modeling and Design	73.0	52.6	82.2	---	---	---
8	15UISE760	Mobile Computing	81.0	78.3	52.5	---	---	---
9	15UISE762	Internet of Things	99.5	99.4	99.4	98.7	---	---

COURSE LEVEL PROGRAMME OUTCOME ATTAINMENT AND ACTION PLAN

Semester: 7

YEAR [2018-19]

Sl. No	Course Title	Name of the course teacher	Signature of the course teacher	Attainment of Programme Outcome expressed in %													
				1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	User Interface Design	Dr. Vandana Bhat		87.2	83.2	79.8	---	---	---	---	---	---	---	---	76.9	---	---
2	Big Data Analytics	Dr. Rajashekarappa		88.2	71.3	---	---	85.5	---	---	---	---	---	---	---	---	---
3	Data Mining	Ms. Sharada H N		96.8	70.4	74.8	---	97.2	---	---	---	---	---	---	96.8	74.8	82.4
4	Project Phase – I	Varsha Jadhav		91	91	91	91	91	---	---	---	91	91	91	---	91	91
5	Computer Networks Lab	Shri. S S Joshi		---	---	95	---	95	---	---	---	---	---	---	---	95	---
6	Data Analytics Lab	Ms. Sharada H N		82	80	80	---	52	---	---	52	---	73	---	92	---	---
7	Object Oriented Modeling and Design	Varsha Jadhav		73.0	52.6	82.2	---	82.2	---	---	---	---	---	---	---	32.9	82.2
8	Mobile Computing	Mr. S S Joshi		68.5	---	---	---	---	---	---	---	---	---	---	---	---	---
9	Internet of Things	Dr. S R Biradar		---	99.5	99.4	98.7	99.4	---	---	---	---	---	---	---	---	---
AVERAGE				83.81	78.28	86.02	94.85	86.04	---	---	52	91	82	91	88.56	73.42	85.2

8th Semester POs attainment summary
and Inference (EVEN)

SUMMARY OF COURSE OUTCOME ATTAINMENT

Semester: 8

YEAR [2018-19]

Continuous Internal Evaluation

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	15UISC800	Machine Learning	48.7	44.7	48.0	49.3	44.1	---
2	15UISL801	Project Phase II	49	49	49	49	49	49
3	15UISL802	Seminars	49	49	---	---	---	---
4	15UISL803	Machine Learning Lab	43	36	---	---	---	---
5	15UISE850	Network Security and Cryptography	25.9	25.9	25.9	25.9	---	---
6	11UISE852	Project Management	40.2	49.2	49.2	49.2	---	---
7	11UISE860	Wireless and Sensor Networks	50.0	48.7	---	---	---	---

Semester End Exam

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	11UISC800	Machine Learning	23.0	2.6	31.6	20.4	40.1	---
2	11UISL801	Project Phase II	34	34	34	34	34	34
3	11UISL802	Seminar	49	49	---	---	---	---
4	15UISL803	Machine Learning Lab	34	34	---	---	---	---
5	15UISE850	Network Security and Cryptography	22.2	25.9	20.4	22.2	---	---
6	11UISE852	Project Management	49.2	50.0	47.5	46.7	---	---
7	11UISE860	Wireless and Sensor Networks	25.0	42.1	---	---	---	---

FINAL

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	11UISC800	Machine Learning	72.8	50.6	79.4	71.8	83.9	---
2	11UISL801	Project Phase II	86	86	86	86	86	86
3	11UISL802	Seminar	99	99	---	---	---	---
4	15UISL803	Machine Learning Lab	77	69	---	---	---	---
5	15UISE850	Network Security and Cryptography	53.3	56.6	51.7	53.3	---	---
6	11UISE852	Project Management	89.4	98.2	96.5	95.3	---	---
7	11UISE860	Wireless and Sensor Networks	77.1	91.5	---	---	---	---

COURSE LEVEL PROGRAMME OUTCOME ATTAINMENT AND ACTION PLAN

Semester: 8

YEAR [2018-19]

Sl. No	Course Title	Name of the course teacher	Signature of the course teacher	Attainment of Programme Outcome expressed in %													
				1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Machine Learning	Ms. Arati S Nayak		77.8	59.5	---	---	---	---	---	---	---	---	---	71.8	79.4	---
2	Project Phase II	Varsha S Jadhav		86	86	86	86	86	---	---	---	86	86	86	---	86	86
3	Seminar	Shri Tanweer Ahmed		---	99	---	---	---	---	---	---	---	99	---	99	---	---
4	Machine Learning Lab	Ms. Arati S Nayak		73	72	73	---	73	---	---	---	---	---	---	73	73	69
5	Network Security and Cryptography	Dr. Rajashekara ppa		53.3	53.9	---	---	---	---	---	---	---	---	---	---	---	---
6	Project Management	Dr. Vandana S Bhat		89.4	98.2	---	---	---	---	---	---	---	---	96.1	---	---	---
7	Wireless and Sensor Networks	Shri S S Joshi		77.1	91.5	---	---	---	---	---	---	---	---	---	---	---	---
AVERAGE				76.1	80.01	79.5	86	79.5	---	---	---	86	92.5	91.05	81.26	79.46	77.5

2019-20

3rd Semester POs attainment summary and Inference

SUMMARY OF COURSE OUTCOME ATTAINMENT

Semester: **3YEAR [2019-20]**

Continuous Internal Evaluation

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %				
			CO-1	CO-2	CO-3	CO-4	CO-5
1	18UMAC300	Engineering Mathematics-III	93	66		89	87
2	18UISC300	Data Structures	100	100	100	100	100
3	18UISC301	Logic Design	97.1	95.7	92.9	95.7	
4	18UISC302	Discrete Mathematical & Graphical Structures	78.9	85.9	73.2	78.9	90.1
5	18UISC303	Unix and Shell Programming	98.5	100	100	98.5	
6	18UISC304	Computer Organization and Architecture	72.2	86.1	90.3	91.7	90.3
7	18UISL305	Data Structures Laboratory	62	53	71		
8	18UISL306	Logic Design Laboratory	84	82	87		

Semester End Exam

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %				
			CO-1	CO-2	CO-3	CO-4	CO-5
1	18UMAC300	Engineering Mathematics-III	76	87	93	93	88
2	18UISC300	Data Structures	68	0			
3	18UISC301	Logic Design	75.7	54.3	84.3	47.1	
4	18UISC302	Discrete Mathematical & Graphical Structures	53.5	50.7	77.5	47.9	63.4
5	18UISC303	Unix and Shell Programming	88.1	82.1	44.8	37.3	
6	18UISC304	Computer Organization and Architecture	70.8	47.2	69.4	62.5	13.9
7	18UISL305	Data Structures Laboratory	60	60	60		
8	18UISL306	Logic Design Laboratory	73	73	73		

FINAL

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	Co-6
1	18UMAC300	Engineering Mathematics-III	88	84	92	96	93	
2	18UISC300	Data Structures	100	99	99	100	81	72
3	18UISC301	Logic Design	86.8	77	89.1	73.3		
4	18UISC302	Discrete Mathematical & Graphical Structures	69.3	71	77.4	66.1	78.2	
5	18UISC303	Unix and Shell Programming	93.1	91.9	74.2	69.3		
6	18UISC304	Computer Organization and Architecture	71.6	66	77.9	76.6	52.1	
7	18UISL305	Data Structures Laboratory	65	60	68			
8	18UISL306	Logic Design Laboratory	83	82	84			

4th Semester POs attainment summary and Inference

SUMMARY OF COURSE OUTCOME ATTAINMENT

Semester: **4YEAR [2019-20]**

Continuous Internal Evaluation

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	18UMAC400	Engineering Mathematics IV	93	66		89	87	
2	18UISC400	Object Oriented Programming	100	100	100			
3	18UISC403	Analysis and Design of Algorithms	100	100	100			
4	18UISC404	Operating System	100	100	100			
5	18UISC401	Microcontroller 8051	100	100	100	100	100	100
6	18UISC402	Finite Automata & Formal Language	100	100	100	100	100	100
7	18UISL406	Microcontroller Laboratory	100	100	100			
8	18UISL405	Object Oriented Programming Laboratory	100	100	100	100		

Semester End Exam

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	18UMAC400	Engineering Mathematics IV	76	87	93	93	88	
2	18UISC400	Object Oriented Programming	100	100	100			
3	18UISC403	Analysis and Design of Algorithms	100	100	100			
4	18UISC404	Operating System	100	100	100			
5	18UISC401	Microcontroller 8051	98.5	98.5	98.5	98.5	98.5	98.5
6	18UISC402	Finite Automata & Formal Language	99	99	99	99	99	
7	18UISL406	Microcontroller Laboratory	100	100	100			
8	18UISL405	Object Oriented Programming Laboratory	100	100	100	100		

FINAL

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	18UMAC400	Engineering Mathematics IV	88	84	92	96	93	
2	18UISC400	Object Oriented Programming	100	100	100			
3	18UISC403	Analysis and Design of Algorithms	100	100	100			
4	18UISC404	Operating System	100	100	100			
5	18UISC401	Microcontroller 8051	98.5	98.5	98.5	98.5	98.5	98.5
6	18UISC402	Finite Automata & Formal Language	99	99	99	99	99	
7	18UISL406	Microcontroller Laboratory	100	100	100	100		
8	18UISL405	Object Oriented Programming Laboratory	100	100	100	100		

5th Semester POs attainment summary and Inference

SUMMARY OF COURSE OUTCOME ATTAINMENT

Semester: 5

YEAR [2019-20]

Continuous Internal Evaluation

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	15UISC500	Management Entrepreneurship and Protection of Intellectual Property(MEPIP)	100	98.4	98.4	98.4		
2	15UISC501	Operating System	98.6	98.6	98.6			
3	15UISC502	Database Management System	100	100	96.9	98.4	100	100
4	15UISC503	System Software	62.5	73.4	100	100		
5	15UISC504	Programming in Java	76.6	85.9	76.6	95.3	84.4	90.6
6	15UISL505	Database Management System Lab	97	97	97	97	97	
7	15UISL506	Java Lab	78	78	73	75	73	75
8	15UISL507	Mini Project – I	100	100	97	38	84	97

Semester End Exam

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	15UISC500	Management Entrepreneurship and Protection of Intellectual Property(MEPIP)	100	100	98.4	96.9		
2	15UISC501	Operating System	85.1	93.2	24.3			
3	15UISC502	Database Management System	85.9	85.9	81.3	76.6	78.1	56.3
4	15UISC503	System Software	26.6	23.4	62.5	46.9		
5	15UISC504	Programming in Java	45.3	50.0	57.8	60.9	78.1	89.1
6	15UISL505	Database Management System Lab	92	77	92	77	77	
7	15UISL506	Java Lab	84	84	84	84	84	84
8	15UISL507	Mini Project – I	100	100	100	100	0	0

FINAL

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	15UISC500	Management Entrepreneurship and Protection of Intellectual Property(MEPIP)	99.2	98.1	98.1	97.4		
2	15UISC501	Operating System	91.7	95.3	64.8			
3	15UISC502	Database Management System	93.2	93.2	89.7	88.3	89.7	79.8
4	15UISC503	System Software	49.2	52.4	82.6	75.6		
5	15UISC504	Programming in Java	64.8	71.2	70.3	80.3	83.1	90.9
6	15UISL505	Database Management System Lab	93	88	95	88	88	
7	15UISL506	Java Lab	83	83	81	82	81	82
8	15UISL507	Mini Project – I	100	100	98	69	42	48

7	Java Lab	Ms. Pratibha Badiger		82	82	82		82							82	82
8	Mini Project – I	Dr. Rajashekarappa		100	99	100	99	69				42	48	45	99	89
AVERAGE																

6th Semester POs attainment summary and Inference

SUMMARY OF COURSE OUTCOME ATTAINMENT

Semester: 6

YEAR [2019-20]

Continuous Internal Evaluation

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	15UISC600	Web Technology	100	100	100			
2	15UISC601	File Structures	100	100	100	100	100	
3	15UISC602	Software Engineering	100	100	100	100		
4	15UISC603	Computer Networks	100	100	100	100	100	
5	15UISL604	Web Technology Lab	100	100	100			
6	15UISL605	Mini Project – II	100	100	100	100		
7	15UISE620	Unix System Programming	100	100	100	100		
8	15UISE622	Advanced Data Structures & Algorithms	100	100	100			
9	15UISE624	Advanced Database Management System	100	100	100	100		
10	15UISE623	Computer Graphics	100	100	100	100		

Semester End Exam

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	15UISC600	Web Technology	100	100	100			
2	15UISC601	File Structures	100	100	100	100	100	
3	15UISC602	Software Engineering	100	100	100	100		
4	15UISC603	Computer Networks	100	100	100	100	100	
5	15UISL604	Web Technology Lab	100	100	100			
6	15UISL605	Mini Project – II	100	100	100	100		
7	15UISE620	Unix System Programming	100	100	100	100		
8	15UISE622	Advanced Data Structures & Algorithms	100	100	100			
9	15UISE624	Advanced Database Management System	100	100	100	100		
10	15UISE623	Computer Graphics	100	100	100	100		

FINAL

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	15UISC600	Web Technology	100	100	100			
2	15UISC601	File Structures	100	100	100	100	100	
3	15UISC602	Software Engineering	100	100	100	100		
4	15UISC603	Computer Networks	100	100	100	100	100	100
5	15UISL604	Web Technology Lab	100	100	100			
6	15UISL605	Mini Project – II	100	100	100	100		
7	15UISE620	Unix System Programming	100	100	100	100		
8	15UISE622	Advanced Data Structures & Algorithms	100	100	100			
9	15UISE624	Advanced Database Management System	100	100	100	100		
10	15UISE623	Computer Graphics	100	100	100	100		

7th Semester POs attainment summary and Inference

SUMMARY OF COURSE OUTCOME ATTAINMENT

Semester: 7

YEAR [2019-20]

Continuous Internal Evaluation

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	15UISC700	User Interface Design	94.6	94.6	93.2	89.2		
2	15UISC701	Big Data Analytics	100	98.6	98.6	97.3	100	
3	15UISC702	Data Mining	98.6	97.3	94.5	100	100	
4	15UISL703	Project Phase – I	100	100	100	100	100	
5	15UISL704	Computer Networks Lab	97	95				
6	15UISL705	Data Analytics Lab	100	99	100	100		
7	15UISE750	Cloud Computing	100	100	100	98.6	100	
8	15UISE761	Information Storage management	100	97	90	96	98	

Semester End Exam

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	15UISC700	User Interface Design	98.6	98.6	97.3	98.6		
2	15UISC701	Big Data Analytics	87.8	59.5	86.5	77.0	94.6	
3	15UISC702	Data Mining	74.0	86.3	68.5	95.9	83.6	
4	15UISL703	Project Phase – I	100	100	100	100	100	
5	15UISL704	Computer Networks Lab	99	99				
6	15UISL705	Data Analytics Lab	65	84	99	56		
7	15UISE750	Cloud Computing	94.6	83.8	95.9	95.9	94.6	
8	15UISE761	Information Storage management	99	99	64	97	95	

FINAL

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	15UISC700	User Interface Design	95.7	95.8	94.9	93.0		
2	15UISC701	Big Data Analytics	93.9	79.1	92.6	87.2	97.3	
3	15UISC702	Data Mining	87.2	91.8	82.9	97.7	91.9	
4	15UISL703	Project Phase – I	100	100	100	100	100	
5	15UISL704	Computer Networks Lab	98	97				
6	15UISL705	Data Analytics Lab	84	92	100	80		
7	15UISE750	Cloud Computing	97.3	91.9	98.0	97.3	97.3	
8	15UISE761	Information Storage management	99	99	64	97	95	

8th Semester POs attainment summary
and Inference (EVEN)

SUMMARY OF COURSE OUTCOME ATTAINMENT

Semester: 8

YEAR [2019-20]

Continuous Internal Evaluation

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	15UISC800	Machine Learning	101.4	101.4	101.4	101.4	101.4	
2	15UISL801	Project Phase II	100	100	100	100	100	
3	15UISL802	Seminars	100	100				
4	15UISL803	Machine Learning Lab	100	100				
5	15UISE850	Network Security and Cryptography	100	100	95.9			
6	15UISE860	Wireless and Sensor Networks	100	100				

Semester End Exam

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	15UISC800	Machine Learning	97.3	98.6	100	101.4	101.4	
2	15UISL801	Project Phase II	100	100	100	100	100	
3	15UISL802	Seminar	50	50				
4	15UISL803	Machine Learning Lab	73	73				
5	15UISE850	Network Security and Cryptography	97.3	100	100			
6	15UISE860	Wireless and Sensor Networks	100	100				

FINAL

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	15UISC800	Machine Learning	98.9	99.2	100. 1	100. 7	100. 5	
2	15UISL801	Project Phase II	100	100	100	100	100	
3	15UISL802	Seminar	50	50				
4	15UISL803	Machine Learning Lab	89	89				
5	15UISE850	Network Security and Cryptography	97.8	98.9	97.7			
6	15UISE860	Wireless and Sensor Networks	100	100				

2020-21

3rd Semester POs attainment summary and Inference

SUMMARY OF COURSE OUTCOME ATTAINMENT

Semester: **3YEAR [2020-201]**

Continuous Internal Evaluation

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %				
			CO-1	CO-2	CO-3	CO-4	CO-5
1	18UMAC300	Engineering Mathematics-III	100	100	100	100	100
2	18UISC300	Data Structures	99	92	100	100	84
3	18UISC301	Logic Design	100	100	100	100	100
4	18UISC302	Discrete Mathematical & Graphical Structures	100	100	100	100	100
5	18UISC303	Unix and Shell Programming	99	100	100	100	99
6	18UISC304	Computer Organization and Architecture	100	97	86	100	100
7	18UISL305	Data Structures Laboratory	82	84	92	80	86
8	18UISL306	Logic Design Laboratory	80	80	80	80	

Semester End Exam

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %				
			CO-1	CO-2	CO-3	CO-4	CO-5
1	18UMAC300	Engineering Mathematics-III	69	94	85	79	24
2	18UISC300	Data Structures	62	73	57	45	21
3	18UISC301	Logic Design	54	87	76	28	18
4	18UISC302	Discrete Mathematical & Graphical Structures	82	99	98	47	41
5	18UISC303	Unix and Shell Programming	27	79	70	30	23
6	18UISC304	Computer Organization and Architecture	32	84	65	26	30
7	18UISL305	Data Structures Laboratory	58	58	58	58	58
8	18UISL306	Logic Design Laboratory	98	98	98	98	

FINAL

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %				
			CO-1	CO-2	CO-3	CO-4	CO-5
1	18UMAC300	Engineering Mathematics-III	-	-	-	-	-
2	18UISC300	Data Structures	100	94	95	91	43
3	18UISC301	Logic Design	100	97	99	96	48
4	18UISC302	Discrete Mathematical & Graphical Structures	100	100	100	100	96
5	18UISC303	Unix and Shell Programming	96	96	99	91	92
6	18UISC304	Computer Organization and Architecture	100	96	83	98	97
7	18UISL305	Data Structures Laboratory	76	77	80	75	78
8	18UISL306	Logic Design Laboratory	89	89	89	89	

4th Semester POs attainment summary and Inference

SUMMARY OF COURSE OUTCOME ATTAINMENT

Semester: **4YEAR [2020-21]**

Continuous Internal Evaluation

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	18UMAC400	Engineering Mathematics IV	100	100	1000	100	100	
2	18UISC400	Object Oriented Programming	100	100	100	100	100	
3	18UISC403	Analysis and Design of Algorithms	100	100	100	100	100	100
4	18UISC404	Operating System	100	100	100	100	100	
5	18UISC401	Microcontroller 8051	100	100	100	100	100	
6	18UISC402	Finite Automata & Formal Language	100	100	100	100	100	100
7	18UISL406	Microcontroller Laboratory	100	100	100			
8	18UISL405	Object Oriented Programming Laboratory	100	100	100			

Semester End Exam

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	18UMAC400	Engineering Mathematics IV	100	100	100	100	100	
2	18UISC400	Object Oriented Programming	100	100	100	100	100	
3	18UISC403	Analysis and Design of Algorithms	100	100	100	100	100	100
4	18UISC404	Operating System	100	100	100	100	100	
5	18UISC401	Microcontroller 8051	100	100	100	100	100	
6	18UISC402	Finite Automata & Formal Language	100	100	100	100	100	100
7	18UISL406	Microcontroller Laboratory	100	100	100			
8	18UISL405	Object Oriented Programming Laboratory	100	100	100			

FINAL

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	18UMAC400	Engineering Mathematics IV	100	100	100	100	100	
2	18UISC400	Object Oriented Programming	100	100	100	100	100	
3	18UISC403	Analysis and Design of Algorithms	100	100	100	100	100	100
4	18UISC404	Operating System	100	100	100	100	100	
5	18UISC401	Microcontroller 8051	100	100	100	100	100	
6	18UISC402	Finite Automata & Formal Language	100	100	100	100	100	100
7	18UISL406	Microcontroller Laboratory	100	100	100			
8	18UISL405	Object Oriented Programming Laboratory	100	100	100			

COURSE LEVEL PROGRAMME OUTCOME ATTAINMENT AND ACTION PLAN

5th Semester POs attainment summary and Inference

SUMMARY OF COURSE OUTCOME ATTAINMENT

Semester: **5YEAR [2020-21]**

Continuous Internal Evaluation

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	18UHUC500	Management Entrepreneurship and Protection of Intellectual Property(MEPIP)	100	100	100	100	99	
2	18UISC500	Software Engineering	99	90	97	100	100	
3	18UISC501	Java and Web Technology	97	99	99	93	99	
4	18UISC502	Database Management System	100	99	100	97	97	
5	18UISC503	Computer Networks	100	100	100	100	100	
6	18UISL504	Database Management System Lab	97	97	97	97	97	
7	18UISL505	Java Lab	90	86	83			
8	18UISL506	Mini Project – I	100	100	100	100	100	97

9	18UHUL507	Soft skills/Aptitude						
10	18UISE511	System Software	100	95	100	95	100	
11	18UISE512	Advanced Data Structures	100	100	100	100	100	

Semester End Exam

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	18UHUC500	Management Entrepreneurship and Protection of Intellectual Property(MEPIP)	22	88	81	27	11	
2	18UISC500	Software Engineering		97	94	21	92	
3	18UISE501	Java and Web Technology	60	100	92	42	46	
4	18UISC502	Database Management System	30	86	87	83	61	
5	18UISC503	Computer Networks	58	94	87	37	18	
6	18UISL504	Database Management System Lab	84	84	84	84	84	
8	18UISL505	Java Lab	83	83	83			
8	18UISL506	Mini Project – I	-	-	-	-		
9	18UHUL507	Soft Skills/Aptitude						
10	18UISE511	System Software	24	76	62	19	24	

11	18UISE512	Advanced Data Structures	6	94	84	71	43	
----	-----------	--------------------------	---	----	----	----	----	--

FINAL

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	18UHUC500	Management Entrepreneurship and Protection of Intellectual Property(MEPIP)	91	89	88	81	86	
2	18UISC500	Software Engineering	95	93	93	72	93	
3	18UISC501	Java and Web Technology	96	96	91	91	93	
4	18UISC502	Database Management System	100	94	99	99	92	
5	18UISC503	Computer Networks	99	100	97	89	48	
6	18UISL504	Database Management System Lab	90	90	90	90	90	
7	18UISL505	Java Lab	88	86	8			
8	18UISL506	Mini Project – I		50	50	50	50	49
9	18UHUL507	Soft Skills/ Aptitude						
10	18UISE511	System Software	100	95	90	90	57	
11	18UISE512	Advanced Data Structures	95	96	95	95	95	

COURSE LEVEL PROGRAMME OUTCOME ATTAINMENT AND ACTION PLAN

Semester: 5YEAR [2020-21]

Sl. No	Course Title	Name of the course teacher	Signature of the course teacher	Attainment of Programme Outcome expressed in %														
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	
1	Management Entrepreneurship and Protection of Intellectual Property(MEPIP)	VSJ		92	92	91		95							92			
2	Computer Networks	Shri Vasudev P		94	86		89	89	4						99	80		
3	Database Management System	Ms. Leena Sakri		96	97	97	98	97								96	96	
4	System Software	Chetana Shetty		79	92	92	92									76		
5	Java and Web Technology	Ms. Pratibha Badiger		93	93	93		92							93	93	93	
6	Database Management System Lab	Ms. Leena Sakri/PSN		90	90	90	90	90	9	9						90	90	
7	Java Lab	Ms. Pratibha Badiger/CS		86	87			86				86				87	86	87

6th Semester POs attainment summary and Inference

SUMMARY OF COURSE OUTCOME ATTAINMENT

Semester: **6YEAR [2020-21]**

Continuous Internal Evaluation

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	18UISC600	Artificial Intelligence and Machine Learning	100	100	100	100	100	
2	18UISC601	Internet of Things	100	100	100	100	100	
3	18UISL602	Computer Networks lab	100	100	100			
4	18UISL603	Web Technology Lab	100	100				
5	18UISL604	Mini Project – II	100	100	100	100	100	100
6	18UISC623	Unix System Programming	100	100	100	100	100	
7	18UISC621	Object Oriented Modeling and Design	100	100	100	100	100	
8	18UISE611	Advanced Database Management System	100	100	100	100	100	
9	18UHUL605	Soft Skills/ Aptitude	82	82	82	82		
10	18UISO633	Agile Methodologies	100	100	100	100	100	

Semester End Exam

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	18UISC600	Artificial Intelligence and Machine Learning	100	100	100	100	100	
2	18UISC601	Internet of Things	100	100	100	100	100	
3	18UISL602	Computer Networks lab	100	100	100			
4	18UISL603	Web Technology lab	100	100				
5	18UISL604	Mini Project -2	100	100	100	100	100	100
6	18UISC623	Unix System Programming	100	100	100	100	100	
7	18UISC621	Object Oriented Modeling and Design	100	100	100	100	100	
8	18UISE611	Advanced Database Management System	100	100	100	100	100	
9	18UHUL605	Soft skills/Aptitude						
10	18UIS0633	Agile Methodologies	100	100	100	100	100	

FINAL

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	18UISC600	Artificial Intelligence and Machine Learning	100	100	100	100	100	
2	18UISC601	Internet Of Things	100	100	100	100	100	1
3	18UISL602	Computer Networks lab	100	100	100			
4	18UISL603	Web Technology Lab	100	100				
5	18UISL604	Mini Project – II	100	100	100	100	100	100
6	18UISC623	Unix System Programming	100	100	100	100	100	
7	18UISC621	Object Oriented Modeling and Design	100	100	100	100	100	
8	18UISE611	Advanced Database Management System	100	100	100	100	100	
9	18UHUL605	Soft Skills/Aptitude	41	41	41	41		
10	18UISO633	Agile Methodologies	100	100	100	100	100	

COURSE LEVEL PROGRAMME OUTCOME ATTAINMENT AND ACTION PLAN

Semester: **6YEAR [2020-21]**

Sl. No	Course Title	Name of the course teacher	Signature of the course teacher	Attainment of Programme Outcome expressed in %													
				1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Artificial Intelligence and Machine Learning	Dr. Vandana S Bhat		100	100	100		100							100	100	100
2	Internet Of Things	Dr. Rajasheka ppa		100	100	100	100	100							100	100	100
3	Computer Networks lab	Shri Sachidana nd Joshi		100	100		100								100	100	
4	Web Technology Lab	Dr. Pushpalat ha S. Nikkam		100	100			100			100				100	100	100
5	Mini Project – II	Ms. Varsha Jadhav		100	100	100	100	100				100	100		100	100	100
6	Unix System Programming	Ms. Varsha S Jadhav		100	100	100		100							100	100	100
07	Object Oriented Modeling and Design	Dr. Pushpalat ha S. Nikkam		100	100	100		100							100		

7th Semester POs attainment summary and Inference

SUMMARY OF COURSE OUTCOME ATTAINMENT

Semester: **7YEAR [2020-21]**

Continuous Internal Evaluation

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	15UISC700	User Interface Design	98	98	100	100	100	
2	15UISC701	Big Data Analytics	100	100	100	100	100	
3	15UISC702	Data Mining	100	97	100	100	97	
4	15UISL703	Project Phase – I	50	50	50	50	49	49
5	15UISL704	Computer Networks Lab	49	49	48			
6	15UISL705	Data Analytics Lab	49	49	49	49		
7	15UISE751	Object Oriented Modeling and Design	100	100	100	100	100	
8	15UISE760	Mobile Computing	100	98	100	98	94	
9	15UISE752	Software Testing	88	100	100	100	100	
10	15UISE761	Information Storage Management	100	100	100	100	100	

Semester End Exam

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	15UISC700	User Interface Design		97	90	52	57	
2	15UISC701	Big Data Analytics	98	17	78	83	73	
3	15UISC702	Data Mining	45	98	79	37	42	
4	15UISL703	Project Phase – I	100	100	100	100	100	100
5	15UISL704	Computer Networks Lab	98	98				
6	15UISL705	Data Analytics Lab	98	98	98	98		
7	15UISE751	Object Oriented Modeling and Design	83	67	50			
8	15UISE760	Mobile Computing		100	100	52	44	
9	15UISE752	Software Testing	35	49	82	79	81	
10	15UISE761	Information Storage Management		100	100	36	21	

FINAL

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	15UISC700	User Interface Design	97	99	97	99	87	
2	15UISC701	Big Data Analytics	100	100	100	100	100	
3	15UISC702	Data Mining	99	90	96	98	90	
4	15UISL703	Project Phase – I	100	100	100	100	99	99
5	15UISL704	Computer Networks Lab	98	98	48			
6	15UISL705	Data Analytics Lab	98	98	98	98		
7	11UISE751	Object Oriented Modeling and Design	71	57	71	57	57	
8	15UISE760	Mobile Computing	98	98	98	90	88	
9	15UISE752	Software Testing	90	98	100	100	88	
10	15UISE761	Information Storage Management	99	99	99	99	99	

COURSE LEVEL PROGRAMME OUTCOME ATTAINMENT AND ACTION PLAN

Semester: **7YEAR [2020-21]**

Sl. No	Course Title	Name of the course teacher	Signature of the course teacher	Attainment of Programme Outcome expressed in %													
				1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	User Interface Design	Dr. Vandana Bhat		96	100	93		96							97		
2	Big Data Analytics	Dr. Rajashekhara ppa		100	100	100	100	100	100						100	100	100
3	Data Mining	Ms. Sharada H N		97	96		98	97							97	97	95
4	Project Phase – I	Varsha Jadhav		100	100	100	100	100	99	99	99	100	99	99	100	100	99
5	Computer Networks Lab	Shri. S S Joshi		98	98			73	48	48	48				73	73	60
6	Data Analytics Lab	Ms. Sharada H N		98	98	98		98	98		98		98		98		
7	Object Oriented Modeling and Design	Varsha Jadhav		88	100	70		86							90		
8	Mobile Computing	Mr. S S Joshi		94	96	98									98		
9	Software Testing	Pushpalata Nikkam		95	99			100							94		
10	Information Storage Management	Dr. Rajashekhara ppa		100	100	100	100	100							100		

8th Semester POs attainment summary
and Inference (EVEN)

SUMMARY OF COURSE OUTCOME ATTAINMENT

Semester: **8YEAR [2020-21]**

Continuous Internal Evaluation

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	15UISC800	Machine Learning	100	100	100	100	100	
2	15UISL801	Project Phase II	100	100	100	100	97	
3	15UISL802	Seminars	100	100				
4	15UISL803	Machine Learning Lab	100	100	100			
5	15UISE850	Network Security and Cryptography	100	100	100	100	100	
6	15UISE860	Wireless and Sensor Networks	100	100	100	100	100	

Semester End Exam

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	15UISC800	Machine Learning	97	100	98	2	5	
2	15UISL801	Project Phase II	98	100	100	97	97	
3	15UISL802	Seminar	50	50				
4	15UISL803	Machine Learning Lab	97	97	97			
5	15UISE850	Network Security and Cryptography	78	97	75			
6	15UISE860	Wireless and Sensor Networks	95	77	3	63	2	

FINAL

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	15UISC800	Machine Learning	99	99	99	99	99	
2	15UISL801	Project Phase II	95	96	92	91	92	
3	15UISL802	Seminar	50	50				
4	15UISL803	Machine Learning Lab	89	89	89			
5	15UISE850	Network Security and Cryptography	99	99	99	96	99	
6	15UISE860	Wireless and Sensor Networks	99	99	99	93	99	

3rd Semester POs attainment summary and Inference

SUMMARY OF COURSE OUTCOME ATTAINMENT

Semester: **3YEAR [2021-22]**

Continuous Internal Evaluation

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %				
			CO-1	CO-2	CO-3	CO-4	CO-5
1	18UMAC300	Engineering Mathematics-III	94	94	98	95	100
2	18UISC300	Data Structures	74	71	95	89	96
3	18UISC301	Logic Design	73	93	94	82	63
4	18UISC302	Discrete Mathematical & Graphical Structures	74	67	67	94	58
5	18UISC303	Unix and Shell Programming	84	86	86	76	94
6	18UISC304	Computer Organization and Architecture	98	97	98	90	97
7	18UISL305	Data Structures Laboratory	86	70	70	86	86
8	18UISL306	Logic Design Laboratory	92	92	92	92	

Semester End Exam

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %				
			CO-1	CO-2	CO-3	CO-4	CO-5
1	18UMAC300	Engineering Mathematics-III	53	67	50	58	33
2	18UISC300	Data Structures	14	45	74	84	86
3	18UISC301	Logic Design	61	76	78	86	73
4	18UISC302	Discrete Mathematical & Graphical Structures	47	73	77	77	47
5	18UISC303	Unix and Shell Programming	3	83	84	53	55
6	18UISC304	Computer Organization and Architecture	81	78	92	93	61
7	18UISL305	Data Structures Laboratory	62	62	62	62	62
8	18UISL306	Logic Design Laboratory	97	99	94	96	

FINAL

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %				
			CO-1	CO-2	CO-3	CO-4	CO-5
1	18UMAC300	Engineering Mathematics-III	91	88	91	77	94
2	18UISC300	Data Structures	57	48	95	89	85
3	18UISC301	Logic Design	68	79	86	83	67
4	18UISC302	Discrete Mathematical & Graphical Structures	61	68	70	88	52
5	18UISC303	Unix and Shell Programming	78	77	84	64	85
6	18UISC304	Computer Organization and Architecture	98	92	97	90	90
7	18UISL305	Data Structures Laboratory	76	69	68	75	74
8	18UISL306	Logic Design Laboratory	95	96	94	96	

4th Semester POs attainment summary and Inference

SUMMARY OF COURSE OUTCOME ATTAINMENT

Semester: **4YEAR [2021-22]**

Continuous Internal Evaluation

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	18UMAC400	Engineering Mathematics IV	100	100	100	99	100	
2	18UISC400	Object Oriented Programming	81	96	93	99	99	
3	18UISC401	Microcontroller	97	87	88	93	78	
4	18UISC402	Finite Automata & Formal Language	100	95	87	98	100	
5	18UISC403	Design and Analysis of Algorithms	90	88	87	97	91	
6	18UISC404	Operating System	79	92	70	83	94	
7	18UISL405	Object Oriented Programming Laboratory	91	91	91			
8	18UISL406	Microcontroller Laboratory	98	98	98			
9	18UISL407	Introductory Project	100	99	100	100	100	100

Semester End Exam

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	18UMAC400	Engineering Mathematics IV	22	96	94	97	0	
2	18UISC400	Object Oriented Programming	32	71	70	75	74	
3	18UISC401	Microcontroller	62	70	77	71	68	
4	18UISC402	Finite Automata & Formal Language	59	70	67	97	97	
5	18UISC403	Design and Analysis of Algorithms	52	87	77	83	77	
6	18UISC404	Operating System	16	70	73	67	73	
7	18UISL405	Microcontroller Laboratory	93	90	91			
8	18UISL406	Object Oriented Programming Laboratory	81	81	81			
9	18UISL407	Introductory Project	--	--	--	--	--	--

FINAL

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	18UMAC400	Engineering Mathematics IV			99	100		
2	18UISC400	Object Oriented Programming	81	88	81	90	96	
3	18UISC401	Microcontroller	83	83	81	78	70	
4	18UISC402	Finite Automata & Formal Language	92	85	83	94	98	
5	18UISC403	Design and Analysis of Algorithms	95	96	97	97	97	
6	18UISC404	Operating System	55	86	77	65	90	
7	18UISL405	Microcontroller Laboratory	96	94	95			
8	18UISL406	Object Oriented Programming Laboratory	86	86	86			
9	18UISL407	Introductory Project	45	44	45	45	45	45

5th Semester POs attainment summary and Inference

SUMMARY OF COURSE OUTCOME ATTAINMENT

Semester: **5YEAR [2021-22]**

Continuous Internal Evaluation

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	18UHUC500	Management, Entrepreneurship and IPR	91	100	100	99	92	
2	18UISC500	Software Engineering	94	74	97	92	76	
3	18UISC501	Java and Web Technology	94	99	96	92	97	
4	18UISC502	Database Management system	95	94	91	92	96	
5	18UISC503	Computer Networks	99	82	94	97	99	
6	18UISE511	System Software	76	76	100	75		
7	18UISL504	Database Management System Lab	86	86	86	86	86	
8	18UISL505	Java Lab	80	68	70			
9	18UISL506	Minor Project – 1	94	94	94	94	94	

10	18UHUL507	Soft skills/Aptitude	58	58	58	58		
----	-----------	----------------------	----	----	----	----	--	--

Semester End Exam

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	18UHUC500	Management, Entrepreneurship and IPR	15	70	90	79	73	
2	18UISC500	Software Engineering	49	88	65	78	58	
3	18UISC501	Java and Web Technology	19	96	87	72	89	
4	18UISC502	Database Management system	46	75	66	66	81	
5	18UISC503	Computer Networks	52	89	47	77	81	
6	18UISE511	System Software	57	62	76	93	95	
7	18UISL504	Database Management System Lab	77	77	77	77	77	
8	18UISL505	Java Lab	77	77	77			
9	18UISL506	Minor Project – 1	--	--	--	--	--	--
10	18UHUL507	Soft skills/Aptitude						

FINAL

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	18UHUC500	Management, Entrepreneurship and IPR	92	85	97	93	81	
2	18UISC500	Software Engineering	92	87	95	82	67	
3	18UISC501	Java and Web Technology	94	99	94	88	97	
4	18UISC502	Database Management system	89	86	81	85	96	
5	18UISC503	Computer Networks	94	95	89	95	96	
6	18UISE511	System Software	77	74	99	90		
7	18UISL504	Database Management System Lab	82	82	82	82	82	
8	18UISL505	Java Lab	71	66	66			
9	18UISL506	Minor Project – 1	47	47	47	47	47	47
10	18UHUL507	Soft skills/Aptitude						

6th Semester POs attainment summary and Inference

SUMMARY OF COURSE OUTCOME ATTAINMENT

Semester: **6YEAR [2021-22]**

Continuous Internal Evaluation

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	18UISC600	Artificial Intelligence and Machine Learning	81	94	84	91	92	
2	18UISC601	Internet of Thing	92	92	97	96	99	
3	18UISE623	Unix System Programming	83	96	84	87	91	
4	18UISE612	User Interface Design	95	99	97	96	99	
5	18UISO633	Agile Methodologies	100	97	99	100	100	
6	18UISL602	Computer Network Lab	94	80	91			
7	18UISL603	Web Technology Lab	95	95				
8	18UISL604	Minor Project -2	84	84	84	84	84	84
9	18UISL605	Soft Skills/Aptitude						

Semester End Exam

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	18UISC600	Artificial Intelligence and Machine Learning	18	95	71	76	68	
2	18UISC601	Internet of Thing	65	92	92	86	94	
3	18UISE623	Unix System Programming	10	92	78	56	58	
4	18UISE612	User Interface Design	92	80	85	91	82	
5	18UISO633	Agile Methodologies	77	96	97	94	92	
6	18UISL602	Computer Network Lab	65	84	99			
7	18UISL603	Web Technology Lab	92	92				
8	18UISL604	Minor Project -2	94	94	94	94	94	94
9	18UISL605	Soft Skills/Aptitude						

FINAL

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	18UISC600	Artificial Intelligence and Machine Learning	84	97	80	84	87	
2	18UISC601	Internet of Thing	92	98	97	95	99	
3	18UISE623	Unix System Programming	81	91	81	77	78	
4	18UISE612	User Interface Design	93	94	92	95	91	
5	18UISO633	Agile Methodologies	100	100	100	99	99	
6	18UISL602	Computer Network Lab	79	82	95			
7	18UISL603	Web Technology Lab	84	84				
8	18UISL604	Minor Project -2	71	71	71	71	71	71
9	18UISL605	Soft Skills/Aptitude						

7th Semester POs attainment summary and Inference

SUMMARY OF COURSE OUTCOME ATTAINMENT

Semester:

7YEAR [2021-22]

Continuous Internal Evaluation

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	18UISC700	Big Data Analytics	96	97	92	97	92	
2	18UISC701	Storage Management	99	97	97	97	99	
3	18UISL702	Big Data Analytics Lab	98	98	98	98		
4	18UISL703	Major Project Phase -1	99	100	100	100	100	92
5	18UISL704	Internship	100	100	100	100	100	
7	18UISE712	Mobile Communication And Computing	100	92	100	100	99	
9	18UISO721	Cloud Computing	100	100	100	100	100	
10	18UISO722	Supply Chain Management	100	100	100	100	100	

Semester End Exam

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	18UISC700	Big Data Analytics	6	90	99	88	64	
2	18UISC701	Storage Management	97	90	96	92	93	
3	18UISL702	Big Data Analytics Lab	98	98	98	98		
4	18UISL703	Major Project Phase -1	99	100	100	100	100	92
5	18UISL704	Internship	100	100	100	100	100	
7	18UISE712	Mobile Communication And Computing	7	92	92	93	77	
9	18UISO721	Cloud Computing	50	90	35	98	98	
10	18UISO722	Supply Chain Management	97	97	100	100	91	

FINAL

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	18UISC700	Big Data Analytics	96	96	99	96	82	
2	18UISC701	Storage Management	97	95	95	95	94	
3	18UISL702	Big Data Analytics Lab	98	98	98	98		
4	18UISL703	Major Project Phase -1	94	95	95	94	95	87
5	18UISL704	Internship	100	100	100	100	100	
7	18UISE712	Mobile Communication And Computing	100	96	99	97	94	
9	18UISO721	Cloud Computing	100	100	100	100	100	
10	18UISO722	Supply Chain Management	100	97	100	100	100	

8th Semester POs attainment summary
and Inference (EVEN)

SUMMARY OF COURSE OUTCOME ATTAINMENT

Semester: 8

YEAR [2021-22]

Continuous Internal Evaluation

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	18UISC800	Cryptography and Cyber Security	93	97	96	89	96	
2	18UISE811	Wireless Sensor Network	94	96	93	100	94	
3	18UISO822	Data Science	100	100	100	100	100	
4	18UISL801	Technical Seminar	100	100				
5	18UISL802	Major Project Phase-2	94	100	100	100	100	

Semester End Exam

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	18UISC800	Cryptography and Cyber Security	68	94	100	92	96	
2	18UISE811	Wireless Sensor Network	4	97	93	85	76	
3	18UISO822	Data Science		94	99	94	100	
4	18UISL801	Technical Seminar	98	98				
5	18UISL802	Major Project Phase-2	50	50	50	50	50	

FINAL

Sl. No	Course code	Course Title	Attainment of Course Outcome expressed in %					
			CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
1	18UISC800	Cryptography and Cyber Security	97	98	99	97	97	
2	18UISE811	Wireless Sensor Network	93	99	97	99	92	
3	18UISO822	Data Science	99	98	99	98	100	
4	18UISL801	Technical Seminar	99	99				
5	18UISL802	Major Project Phase-2	94	96	92	92	95	

