

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

Attainment Calculation Methodology With Sample Calculation

B.Tech CSE - 2018-2022 (Batch)

		And and an			Bat	ch: 2018-2	022								_		
	-		Program	Level Co	urse-PO/P	SO matrix	to identify	Curricula	m Gap			-					
	Course- Code	Course Name	POI	PO2	PO3	PO4	POS	P06	PO7	POS	PO9	PO10	PO11	PO12	PSO 1	PSO 2	PSO
	1 FY2-01	ENGINEERING MATHEMATICS-I	3	3									-			-	
2	1FY2/2FY2-	Engineering Physics	3														
		Engineering Chemistry	3		3			3				3					
		COMMUNICATION SKILLS						and a state				3					
		Human Values						3	3	2	3						
		Programming for Problem Solving	2	2	1	2	2				3		1	1	3	2	
		Basic Mechanical Engineering	3														
		Basic Electrical Engineering	3	3	3	3											
		Basic Civil Engineering	3	3				2	2	2	2			3			
		ENGINEERING MATHEMATICS-II	3	3													-
11	1FY2/2FY2-	Engineering Physics Lab	3					- All			2	3		-			-
12	1FY2/2FY2-	Engineering Chemistry Lab Language Lab	3								2	3					-
						-					2	3					+
		Human Values Activities Computer Programming Lab			t			3	3	2	3						+
		Manufacturing Practices Workshop	2	2	1	2	3				3		1	1	3	2	-
		Basic Electrical Engineering Lab	3				3				3						-
		Basic Civil Engineering Lab	3	3	3	3	3				-						+
10	1F13/2F13-	Computer Aided Engineering Lab	3	- 3			3	3	2		in the second						-
		Computer Aided Engineering Lab	3				3					3			-		
		SODECA	3				3		-	-		3	-	1		-	-
	2FY8-00	SODECA					+			3	3	3	3				+
	3CS2-01	Advanced Engineering Mathematics	2	2		1	1			3	3	3	2	+			+
	3CS1-02	Technical Communication	2			1	1					1 2	2	1	+		
	3CS3-04	Digital Electronics	2	3	3	2	3					1 2		3	1		+
	3CS4-05	Data Structures and Algorithms	2	2	2	2	3		3	2	3	2	2	2	3	3	+
	3CS4-06	Object Oriented Programming	2	2			2						1-2-	1 2	2	2	+
	3CS4-07	Software Engineering	2	3	2	2	2		3	2	3	3	3	3	3	3	
	3CS4-21	Data Structures and Algorithms Lab	2	3	2	3	1		1			1-3-	1 ,	3	3	1-3-	+
	3CS4-22	Object Oriented Programming Lab	2	2	1-		2			-	-	2	1	1 '	2	2	13
	3CS4-23	Software Engineering Lab	2	2	2	2	3		3	3	-	3	3	3	1 -	3	1
32	3CS4-24	Digital Electronics Lab	2	2	2	2	1				3	3		2			+
33	3CS7-30	Industrial Training	2	3	3	2	3		2	3	3	3		3	3	3	1
34	3CS8-00	Social Outreach, Discipline & Extra Curricular		1	1	-				3	3	3	3				+
		Discrete Mathematics Structure	3	3	1	2	2						2				+
																	+-
36	4CS2-03	Managerial Economics and Financial Accounting				1		1.					3	4	1	1.20	
37	4CS2-04	Microprocessor & Interfaces	2	3	2	1	3	2				1		2	1 2	1 2	
	4CS2-05	Database Management System	2	3	2	3	3			2	2	3	3	3	2	2	+
	4CS2-06	Theory of Computation	2	I	2	1	3				4	3	- 3	1 3	2	- 3	+
	4CS2-07	Data Communication and Computer Networks	2	2	1	2	2	3				2	2	2	3	2	+
41	4CS4-21	Microprocessor & Interfaces Lab	2	2	2	2	3				3	2	4	- 2	2	2	+
42	4CS4-22	Database Management System Lab	2	3	1	2	2			-		1 I		11	2		+
	4CS4-23	Network Programming Lab	1	2	1	2	2		1	1		2		2	3	1	+
	4CS4-24	Linux Shell Programming Lab	2	3	2	3	3					-	1	2	3		+
	4CS4-25	Java Lab	2	1	1	1	2			1		1	1	1-	3	2	+
	4CS8-00	Social Outreach, Discipline & Extra Curricular							1	3	3	3	3	-			+
	5CS3-01	Information Theory & Coding	3	3	2	1		3				1		2			+
	5CS4-02	Compiler Design	2	3	2	3	2				120			3	3		1
	5CS4-03	Operating System	2	2		3	3		3					3	3	3	1
	5CS4-04	Computer Graphics & Multimedia	2	1	1				-	100				1	2		1
	5CS4-05	Analysis of Algorithms	3	2	2		3			1			10		3		1
	5CS4-11	Wireless Communication	3	2	2	2	2	2	2	2	1	3	1	2	2	2	
	5CS4-21	Computer Graphics & Multimedia Lab	2	1	1		2								2	1	+
	5CS4-22	Compiler Design Lab	2	2	1		3					1		3	3		1
	5CS4-23	Analysis of Algorithms Lab	3	2	2	2	2	2	1		2	2		3	3	1	+
	5CS4-24	Advance Java Lab	2	2			3					1	0.2	3	2	1	+
		Industrial Training	2	3	3	2	3		2	3	3	3		3	3	3	+
		Social Outreach, Discipline & Extracurricular Activ	vities							3	3	3	3	1			+
10000	6CS3-01	Digital Image Processing	3	2	2	3	3	3	3					3	3	1	+
	6CS4-02	Machine Learning	3	3	3	3		2		3			3	3	3	1	+
61	6CS4-03 6CS4-04	Information Security System	3	3	3	2				2				2	3	1	+
		Computer Architecture and Organization	3	2	1	1		2						2	1	1	+
	6CS4-05	Artificial Intelligence	3	2	2	2	3.	2	2			2		3	ti	1	+
	6CS4-06	Cloud Computing	2				2	3		2				1	2	2	+
	6CS5-11	Distributed System	2	3		2								3	2	-	+
	6CS4-21	Digital Image Processing Lab	3	2		2	3	3	2		3			3	2	3	+
	6CS4-22	Machine Learning Lab	2	2	2	2					2	1	3	2	1	1	+
	6CS4-23	Python Lab	2	3	2	3	3		1					3	3		+
	6CS4-24 6CS8-00	Mobile Application Development Lab	2	2	1	2	2					1			3	3	+
		Social Outreach, Discipline & Extra Curricular Act		-					1	3	3	3	3				+
	7CS4-01	Internet of Things	2	3	3	2	3		2	3		3		3	3	2	+
	7AG6-60.2	Environmental Engineering & Disaster Managemen		1	1			3	3	1				-	1		+
	7CS4-21	Internet of Things Lab	3	3	2	2					2		2	3	3	3	+
	7CS4-22	Cyber Security Lab	2	3	2	1	3				1		-	3	3		+
	7CS7-30	Industrial Training	2	3	3	2	3		2	3	3	3	1	3	3	3	+
	7CS7-40	Seminar	2	3	3	2	3		2	3	1	3	1	3	3	2	+
	7CS8-00	Social Outreach, Discipline & Extra Curricular Act	ivities					1	1	3	3	3	3				-
	8CS4-01	Big Data Analytics		2		3	3	3	3	3	3	1	3	3	3	3	+
	8AG6-60.1	Energy Management	2					3	3	1	1	1				- 3	+
	8CS4-21	Big Data Analytics Lab	2	1	1	2	3	1	1	1	1	1			3	1 2	+
	8CS4-22	Software Testing and Validation Lab	3	3	2	2	1		1	1	2		-3	3		2	+
	8CS7-50	Project		3	2	3	2		2	2	2	2	3	2	3	3	+
83	8CS8-00	Social Outreach, Discipline & Extra Curricular Act	ivities	-		1	1-	1	1-2	3	3	3	3	2	2	2	+
		Grand Total	159	141	93	98	122	50	53	69	87	100	64	100	100	-	+
and the loss	110.01	Course Contributing to PO Curricular Sufficiency	67	59	48	46	46	19	22	27	33	41	25	106		70	+
			2.37	2.39	1.94	2.13	2.65	2.63	2.41			4 141					1

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				Swami Keshvanand Institute of Tech ODD SEM. 2018-2022, C	omputer	Science	& Engi	ineering			1.1			10.00	
	T	1	T		A	tainme	nt of Co	urse Ou	tcomes	(Theor	1				
Sr. No	S.No	Semester	Subject Code	Subject Name	COI	CO2	CO3	604	COL	606	Attain ment Level (Inter nal Exam Questi	Attain ment Level (Assig nment s/ Unit-	ment Level (Aver age Intern	Result of Exter nal exam	Attai men Leve
1	1	1&11	1 FY2-01		COI	102	COS	CO4	CO5	CO6	yuesu 3	Unit-	al		
2	2	1&11		ENGINEERING MATHEMATICS-1	1							3	3.00	3.00	3.00
1			1FY2/2FY2-01	Engineering Physics	155.5		en el el el el el	C. March	(1) (1) (1)	1000	3	3	3.00	3.00	3.00
3	3	1&11	1FY2/2FY2-03	Engineering Chemistry	Sec. 1		S LANA	and the second		and states	3	3	3.00	3.00	3.00
4	4	1&11	1FY1/2FY1-04	COMMUNICATION SKILLS					1	-	3	3	3.00	3.00	3.00
5	5	1&11	1FY1/2FY1-05	Human Values					1223		3	3	3.00	3.00	3.00
6	6	1&11	1FY3/2FY3-06	Programming for Problem Solving							3	3	3.00	3.00	3.00
7	7	1&11	1FY3/2FY3-07	Basic Mechanical Engineering							3	3	3.00	3.00	3.00
8	8	1&11	1FY3/2FY3-08	Basic Electrical Engineering	1000 210					Star St	2	3	2.25	3.00	2.85
9	9	1&11	1FY3/2FY3-09	Basic Civil Engineering							3		3.00	3.00	3.00
10	10	п	2FY2-01	ENGINEERING MATHEMATICS-II							3	3	3.00	3.00	3.00
11	11	ш	3CS2-01	Advanced Engineering Mathematics	1							3	1.50		2.70
12	12	ш	3CS1-02	Technical Communication	1	1	1	2	1		1	3	3.00	3.00	1 200
13	13	m	3CS3-04		3	3	2	3	2	-	3	3		3.00	1
		1		Digital Electronics	3	3	2	2	2		3	3	3.00	3.00	
14	14	III	3CS4-05	Data Structures and Algorithms	2	2	2	2	2	-	2	3	2.25	3.00	2.85
15	15	ш	3CS4-06	Object Oriented Programming	3	3	3	3	2		3	3	3.00	3.00	3.00
16	16	ш	3CS4-07	Software Engineering	3	2	2	2	-1		2	3	2.25	3.00	2.85
17	17	IV	4CS2-01	Discrete Mathematics Structure	3	3	3	3	3		3	. 3	3.00	3.00	3.00
18	18	IV	4CS2-03	Managerial Economics and Financial Accounting	3	3	3	3	3		3	3	3.00	3.00	3.00
19	19	IV	4CS2-04	Microprocessor & Interfaces	3	3	3	3	3		3	3	3.00	3.00	3.00
20	20	IV	4CS2-05	Database Management System	3	3	3	3	3		3	3	3.00	3.00	1 100
21	21	IV	4CS2-06	Theory of Computation	3	3	3	3	3		3	2	3.00	3.00	2.00
22	22	IV	4CS2-07	Data Communication and Computer Networks	3	3	3	3	3			3	3.00		200
23	23	v	5CS3-01	Information Theory &Coding	3						3	3	3.00	3.00	200
24	24	v	5CS4-02	Compiler Design		3	3	3	3		3	3	3.00	3.00	1 200
25	25	v	5CS4-02		3	3	3	3	3		3	3		3.00	
		v		Operating System	3	3	3	3	3	-	3	3	3.00	3.00	
26	26		5CS4-04	Computer Graphics & Multimedia	3	3	3	3	3		3	3	3.00	3.00	3.00
27	27	V	5CS4-05	Analysis of Algorithms	3	3	3	3	3		3	3	3.00	3.00	3.00
28	28	v	5CS4-11	Wireless Communication	3	3	3	3	3	_	3	3	3.00	3.00	3.00
29	29	VI	6CS3-01	Digital Image Processing	3	3	3	3	3		3	3	3.00	3.00	3.00
30	30	VI	6CS4-02	Machine Learning	3	3	3	3	3		3	3	3.00	3.00	3.00
31	31	VI	6CS4-03	Information Security System	3	3	3	3	3		3	3	3.00	3.00	200
32	32	VI	6CS4-04	Computer Architecture and Organization	3	3	3	3	3		3	3	3.00	3.00	2.00
33	33	VI	6CS4-05	Artificial Intelligence	3	3	3	3	3		3	3	3.00		2 00
34	34	vī	6CS4-06	Cloud Computing	3	3					3	3	3.00	3.00	200
35	35	VI	6CS5-11	Distributed System			3	3	3		3	3	3.00	3.00	2.00
36	36	VII	7CS4-01		3	3	3	3	3	-	3	3		3.00	
				Internet of Things	3						3	3	3.00	3.00	
37	37	VII	7AG6-60.2	Environmental Engineering & Disaster Management		3	3	3	3	-	3	3	3.00	3.00	
38	38	VIII	8CS4-01	Big Data Analytics	3	3	3	3	3		3	-	3.00	3.00	3.00

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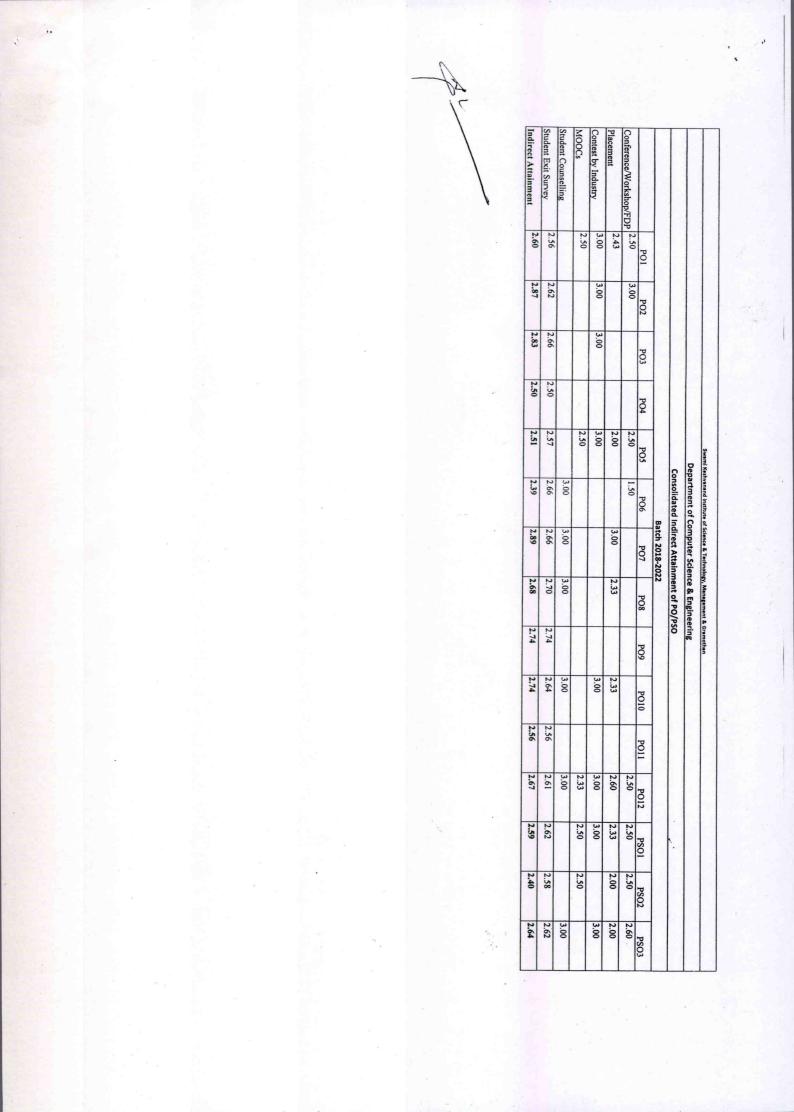
			ODD SEM. 2018-2022, Computer Science & Engineerin Attainment of Course Outco	mes (Practical)	_	
						T
C . N.			1	5 - 5 0		
Sr. No	Semester	Subject Code	Subject Name	IN	EX	Total
	1&11	1FY2/2FY2-20	Engineering Physics Lab	3.00	3.00	3.00
2	1&11	1FY2/2FY2-21	Engineering Chemistry Lab	3.00	3.00	3.00
3	1&11	1FY1/2FY1-22	Language Lab	3.00	2.00	2.60
4	1&11	1FY1/2FY1-23	Human Values Activities	3.00	3.00	3.00
5	1&11	1FY3/2FY3-24	Computer Programming Lab	3.00	3.00	3.00
6	1&11	IFY3/2FY3-25	Manufacturing Practices Workshop	3.00	3.00	3.00
7	1&11	1FY3/2FY3-26	Basic Electrical Engineering Lab	3.00	3.00	3.00
8	1&11	1FY3/2FY3-26	Basic Civil Engineering Lab	3.00	3.00	3.00
9	1&11	IFY3/2FY3-28	Computer Aided Engineering Lab	3.00	2.00	2.60
10	1&11	1FY3/2FY3-29	Computer Aided Machine Drawing	3.00	3.00	3.00
11	1	1FY8-00	SODECA	3.00	3.00	3.00
12	п	2FY8-00	SODECA	3.00	3.00	3.00
13	ш	3CS4-21	Data Structures and Algorithms Lab	2.82	3.00	2.89
14	ш	3CS4-22	Object Oriented Programming Lab	3.00	3.00	3.00
15	ш	3CS4-23	Software Engineering Lab	3.00	3.00	3.00
16	ш	3CS4-24	Digital Electronics Lab	2.82	3.00	2.89
17	ш	3CS7-30		3.00	3.00	
18	ш	3CS8-00	Industrial Training	3.00		3.00
19	IV	1	Social Outreach, Discipline & Extra Curricular Activities		3.00	3.00
		4CS4-21	Microprocessor & Interfaces Lab	2.94	3.00	2.96
20	IV	4CS4-22	Database Management System Lab	3.00	3.00	3.00
21	IV	4CS4-23	Network Programming Lab	3.00	3.00	3.00
22	IV	4CS4-24	Linux Shell Programming Lab	3.00	3.00	3.00
23	IV	4CS4-25	Java Lab	3.00	3.00	3.00
24	IV	4CS8-00	Social Outreach, Discipline & Extra Curricular Activities	3.00	3.00	3.00
25	v	5CS4-21	Computer Graphics & Multimedia Lab	3.00	3.00	3.00
26	v	5CS4-22	Compiler Design Lab	2.94	3.00	2.96
27	v	5CS4-23	Analysis of Algorithms Lab	2.88	3.00	2.93
28	v	5CS4-24	Advance Java Lab	3.00	3.00	3.00
29	v	5CS4-30	Industrial Training	3.00	3.00	3,00
30	v	5CS8-00	Social Outreach, Discipline & Extra Curricular Activities	3.00	3.00	3.00
31	VI	6CS4-21	Digital Image Processing Lab	3.00	3.00	3.00
32	VI	6CS4-22	Machine Learning Lab	2.94	3.00	2.96
33	VI	6CS4-23	Python Lab	2.88	3.00	2.93
34	VI	6CS4-24	Mobile Application Development Lab	2.94	3.00	2.96
35	VI	6CS8-00	Social Outreach, Discipline & Extra Curricular Activities	3.00	3.00	3.00
36	VII	7CS4-21	Internet of Things Lab	3.00	3.00	. 3,00
37	VII	7CS4-22	Cyber Security Lab	2.88	3.00	2.93
38	VII	7CS7-30	Industrial Training	3.00		3.00
39	VII	7CS7-40	Seminar	2.71	3.00	2.83
40	VII	7CS8-00			3.00	
41	VIII	8C34-21	Social Outreach, Discipline & Extra Curricular Activities	3.00	3.00	3.00
12	VIII		Big Data Analytics Lab	3.00	3.00	3.00
		8CS4-22	Software Testing and Validation Lab	3.00	3.00	3.00
13	VIII	8CS7-50	Project	2.94	3.00	2.96

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		Result of Implementation (Indirect Attainment of PO/PSO) Batch 2018-2022	it of Implementation (Indirect Attainment of PO/ Batch 2018-2022	tation (I Batch	ation (Indirect Att Batch 2018-2022	Attainm 22	nent of F	DS4/0							-	
Category	Activity	IOd	200	803	\$0	SO	90	20	80	60	010	ττο	210	TOS	zos	£03
	5th International Conference on "Emerging Technologies in Computer Engineering. Cognitive Computing and Intelligent IoT (ICETCE- 2022)"	н т		1	4	d ~	d	d	d	d	d	d	d o	d c	d	ia d
	International Conference on Recent Advancements in Science, Engineering & Technology, and Management (ICRASETM - 2022)	æ	3			n m							0 0	n m		
Conference/Wor kshop		m	m			m		-						,		n r
	Student Workshop on "Artificial Intelligence & Machine Learning" conducted by TCS	ю							\square	-		+		n m		n m
	Student Workshop on "Android: A Practical Approach to develop Mobile Apps"	Ţ				н	н									-
	RTU (ATU) TEQIP-III Sponsored Student Workshop on "Data Science & Analytics"	2				2	~		-	-	1	-	-			-
PO Attainment		2.5	e	100		2.5	1.5	t						25	25	2 60
	Mentorship of CS Students for Placements	Э	T	t				6	6	-				2	2	2.00
	Campus Recruitment Training	3		\square			T	+	1	+	9 6	-		3	6	n m
	Toast Masters Club Activity						Η	Н	1	H	-	-			1	
Placement	IBM Academic Initiative	з			-	З		-		Η	-		3	3	m	
	TechInnova Club Activity	-		1	-	1			-	-	-			1	1	1
	Java Incory Classes	m .		+	1	1	+	-	-	-	-			3		
	I arev		1	+	+		1	+	+	-		-		1		1
	Soft Skill	0	1	1	+	~	1	+	-	1	m 1	+	+	3	1	
PO Attainment		2.43				2		3 2.	3 2.333	2.	5 2.333	2	3 2.6 2.	2.33	6	6
Contest by Industry	InfyTQ	e	m	m		m		-	-							
PO Attainment		3.00	3.00	3.00		3.00		-			3.00		0	3.00		3.00
	Spoken Tutorials initiative by IIT, Bombay	3				3		-		-				3	3	
MOOCI	Swayam / NPTEL	1			-	1		\vdash	-	-	-		1	1	1	
	Virtual Lab	3				3	+	-	+					6		
	Coursera/edx	3		F	t			-	+	+	-				~	
PO Attainment		2.5				2.5		-				2	2	2	2.5	
Student Coun	Student Counseling (Calling session with parents,						-	-								
DO Attriant	waining reliefs, short leaves)			and the second se			100	+	3	100000000000000000000000000000000000000	3		3	AND DE CONTRACTORIO DE CONTRAC		3
ro Attainment			and the second				Э Э	m	m				3			m

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Contact Contact 1 PT2-01 1 PT2-01 1 PT2-01 1 PT2-02 1 PT2-02	Course Name				I TRUTT IN THE TRUTT		regiant Level Course-FUILSO matrix to identify PU Atta	y PO Attainment		A CONTRACTOR							
		Conolidated CO	IOd	P02	PO3	PO4	POS	PO6	P07	PO8	P09	P010	POIL	P012	1 OSd	PSO 2	E USd
	ENGINEERING MATHEMATICS-I	3.0	3.0	3.0													1
	lysics	3.0	3.0														
	cmistry	3.0	3.0		3.0			3.0				3.0					
	STILL SULLES	3.0										3.0					
	r Proklem Colvina	0.6						3.0	3.0	2.0	3.0						
	al Fneinweine	2.0	10.7	7.0	1.0	2.0	2.0				3.0		1.0	1.0	3.0	. 2.0	
	Fueineering	0.0	0.0														
	interiment of the second s	0.6	0.0	3.0	3.0	3.0											
	Xiiiiooiii	3.0	3.0	3.0				2.0	2.0	2.0	2.0			3.0			
	MATHEMATICS-II	3.0	3.0	3.0				and the second se									
	iysics Lab	3.0	3.0								2.0	3.0					
	emistry Lab	3.0	3.0								20	3.0			-		1
		2.6										0.0					
	Activities	3.0									1.1	7.0					1
	I ab	30	00	00				0.0	3.0	7.0	3.0						
	Tacticae Workshon	20	2.0	4.0	1.0	7.0	3.0				3.0		1.0	1.0	3.0	2.0	
	douter to the section	N.C.	0.6				3.0				3.0						
	cugmeeting Lab	3.0	3.0	3.0	3.0	3.0	3.0										
	neering Lab	3.0	3.0	3.0			3.0	3.0	2.0							T	
	Computer Aided Engineering Lab	2.6	2.6				2.6					36				T	
IFY3/2FY3-29 Computer Aided Machine Drawing	Machine Drawing	3.0	3.0				0.5					0.7					
		30					0.6		T			3.0					
Γ		0.0	Ī	T						3.0	3.0	3.0	3.0				
		0.6								3.0	3.0	3.0	3.0	-			
T	Advanced Engineering Mathematics	3.0	2.0	2.0		1.0			-			1.0	2.0	1.0			
	unication	3.0					-	-				2.0					2.0
JCSJ-04 Digital Electronics	8	3.0	2.0	3.0	3.0	2.0	3.0							3.0	10		
	nd Algorithms	3.0	2.0	2.0	2.0	2.0	3.0		10	00	3.0	00	00		0.0		
3CS4-06 Object Oriented Programming	Programuning	3.0	2.0	2.0			20							0.4	2.0	0.0	
3CS4-07 Software Engineering	ning	3.0	2.0	3.0	00	00	00								4.0	1.1	1
	Data Structures and Aleorithms Lab	20	10	00	01	0.4	0.7		0.0	7.0	0.6	3.0	3.0	3.0	3.0	3.0	2.0
	Protection in the second		2.1	4.7	6.1	6.7			-					2.9	2.9		1.9
	Togramming Lao	3.0	2.0	2.0		1	2.0					2.0			2.0	2.0	
	UB Tab	3.0	2.0	2.0	2.0	2.0	3.0		3.0	3.0		3.0	3.0	3.0		3.0	2.0
	s Lab	2.9	1.9	1.9	1.9	1.9					2.9	2.9		1.9	1 1 1 1 1 1		
	Industrial Training	3.0	2.0	3.0	3.0	2.0	3.0		2.0	3.0	3.0	3.0		3.0	3.0	10	
3CS8-00 Social Outreach, D	Discipline & Extra Curricular	3.0								10	30	0.5	10				
4CS2-01 Discrete Mathematics Structure	atics Structure	3.0	30	10	01	00	00			0.0	0.0	0.0	0.0	+		+	
4CS2-03 Managerial Econor	Managerial Economics and Financial Accounting	30			2	N.7	4.0		1	-			2.0	-	-		
Γ	Interfaces	0.0				t			+		1		3.0				2.0
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T	ment System	3.0	2.0	3.0	2.0	3.0	3.0			2.0	2.0	3.0	3.0	3.0	3.0	3.0	
4CS2-06 Theory of Computation	tation	3.0	2.0	1.0	2.0		3.0										
4CS2-07 Data Communicati	Data Communication and Computer Networks	3.0	00	00		00	0.0			T					2.0		1
4CS4-21 Micromoscone & Interfaces I ab	fataefacae 1 ah	0.6			0.1	0.7	4.0	0.0		T		2.0	2.0	2.0	3.0	2.0	2.0
1	11110119002 1740	0.6	2.0	0.7	2.0	2.0	3.0				3.0	2.0		-	2.0	2.0	
T	ment System Lab	3.0	2.0	3.0	1.0	2.0	2.0					1.0		1.0	2.0		
4CS4-23 Network Programming Lab	ming Lab	3.0	1.0	2.0	1.0	2.0	2.0					2.0		2.0	3.0		
4CS4-24 Linux Shell Programming Lab	amming Lab	3.0	2.0	3.0	2.0	3.0	3.0							2.0	3.0		2.0
		3.0	2.0	1.0	1.0	1.0	20					10			20	110	
4CS8-00 Social Outreach, Di	Social Outreach, Discipline & Extra Curricular	3.0								30	05	00					1
5CS3-01 Information Theory & Codina	v & Cotine	10	10	00	0.					0.0	0.0	NC	0.0				
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	thms	3.0	3.0	2.0	2.0		3.0		a sub a						3.0		
	ication	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	3.0	1.0	2.0	2.0	2.0	2.0
5CS4-21 Computer Graphics & Multimedia Lab	s & Multimedia Lab	3.0	2.0	1.0	1.0		2.0								2.0		
	qe	3.0	2.0	2.0	1.0		3.0					T	1	10	10		
SCS4-23 Analysis of Algorithms Lab	thms Lab	2.9	29	00	00	00	00		0		0.0			0.0	0.0		1
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Scree on a suburger an annu g		9.0	0.7	05	3.0	2.0	3.0	-	2.0	3.0	3.0	3.0		3.0	3.0	3.0	
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3.0 3.0	1.0	2.0	2.9	3.0	3.0	3.0	3.0	2.8	3.0		3.0	2.0	2.53	2.61	2.55	10 0
30 30 20	3.0	3.0	2.9		3.0	3.0	3.0	2.8	3.0		3.0	2.0	2.51	2.69	2.54	0 46
3.0			3.0	3.0		2.0		30	3.0		3.0	3.0	2.56	2.56	2.56	0 44
	2.0		1.0	3.0	0.6		3.0	2.8	0.0			3.0	2.41	2.74	2.48	0.57
		3.0	2.0	3.0		2.0	3.0	3.0	3.0		2.0	3.0	2.62	2.74	2.64	0.36
3.0	2.0			3.0	1.0		3.0	3.0	3.0		0.6	3.0	2.55	2.68	2.57	0.43
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3.0 3.0 2.0 1.0	2.0	2.0	2.9	2.0	2.0	1.0	1.9		3.0	2.0	3.0	2 12	21.7	2 10	101	10.0
2.0 3.0 1.0	2.0	2.0	2.0	3.0	2.0	2.0	2.8			1.0	2.0	1 02	2.83	2.11	0 80	
2.0 3.0 2.0 2.0	2.0	2.0	2.9	3.0	3.0	3.0	2.8	00		3.0	3.0	2 38	2.87	2.48	0.57	
3.0	2.0	3.0	2.0	2.0	3.0	2.0	1.9		2.0	3.0		2.36	2.62	2.41	0.59	
++++	3.0	3.0	3.0			3.0		3.0	3.0	3.0	3.0			1.1		
Machine Learning Information Security System Computer Architecture and Organization Artificial Intelligence		(Lab	Mobile Application Development Lab Social Outreach, Discipline & Extra Currient	7CS4-01 Internet of Things 7AG6-60.2 Environmental Engineering & Disaster Mana			Social Outreach, Discipline & Extra Curricult			ation Lab	Project Social Outreach, Discipline & Extra Curricult	tent	nent	ent	Gap	
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6CS4-02 6CS4-04 6CS4-04 6CS4-05	6CS4-06	6CS4-21 6CS4-22 6CS4-23	6CS4-24 6CS8-00	7AG6-60	7CS4-21 7CS4-22	7CS7-30	7CS8-00	8CS4-01	8CS4-21	8CS4-22	8CS8-00					
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