## **ACADEMIC CURRICULA**

# UNDERGRADUATE INTEGRATED POST GRADUATE DEGREE PROGRAMMES

(With exit option of Diploma)

(Choice Based Flexible Credit System)

Regulations 2021

Volume - 1

(Revised on July 2024)



#### SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

(Deemed to be University u/s 3 of UGC Act, 1956)
Kattankulathur, Chengalpattu District 603203,
Tamil Nadu, India



## SRM INSTITUTE OF SCIENCE AND TECHNOLOGY Kattankulathur, Chengalpattu District 603203, Tamil Nadu, India

#### 28. B.Tech. in Computer Science and Engineering with Specialization in Internet of Things

#### 28. (a) Mission of the Department

Mission Stmt – 1	To impart knowledge in cutting edge Computer Science and Engineering technologies in par with industrial standards.
Mission Stmt – 2	To collaborate with renowned academic institutions to uplift innovative research and development in Computer Science and Engineering and its allied fields to serve the needs of society
Mission Stmt – 3	To demonstrate strong communication skills and possess the ability to design computing systems individually as well as part of a multidisciplinary teams.
Mission Stmt – 4	To instill societal, safety, cultural, environmental, and ethical responsibilities in all professional activities
Mission Stmt – 5	To produce successful skilled IoT engineers to emerge as independent entrepreneurs and future leaders.

#### 28. (b) Program Educational Objectives (PEO)

PEO – 1	Graduates will be able to perform in technical/managerial roles ranging from design, development, problem solving to production support in software industries and R&D sectors.
PEO – 2	Graduates will be able to successfully pursue higher education in reputed institutions.
PEO – 3	Graduates will have the ability to adapt, contribute and innovate new technologies and systems in the key domains of Computer Science and Engineering.
PEO – 4	Graduates will be ethically, eco-friendly and socially responsible solution providers in Computer Science and other engineering disciplines.
PEO – 5	Graduates will be able to demonstrate their leadership abilities with IoT skills while addressing various social issues in an industrial, entrepreneurial, and research setting.

28. (c) Mission of the Department to Program Educational Objectives (PEO) Mapping

	Mission Stmt 1	Mission Stmt 2	Mission Stmt 3	Mission Stmt 4	Mission Stmt 5
PEO - 1	3			A second	1
PEO - 2	E7707	3	河西一十四年美國	15年74 · 1	
PEO - 3	3	100 m - 100 m	3	1 342 - 37	
P <mark>EO</mark> - 4	- 11/1/2	2		3	
PEO - 5		The state of the s	Laf W	3	3

<sup>3 –</sup> High Correlation, 2 – Medium Correlation, 1 – Low Correlation

#### 28. (d) Mapping Program Educational Objectives (PEO) to Program Outcomes (PO)

			\	Program Outcomes (PO)											ecific PSO)
	1	2	- 3	4	5	6	7	- 8	9	10	11	12		7 3	
	Engin <del>eering</del> Knowledge	Problem Analysis	Design/development of solutions	Conduct investigations of	T <sub>0</sub> C	The engineer and society	Environment & Sustainability	Ethics	Individual & Team Work	Communication	Project Mgt. & Finance	Life Long Learning	PSO-1	Z-0Sd	8-OSA
PEO - 1	3			1	-	2	-	3	2	3			-	-	-
PEO - 2	1	2	2		3	-	3	2	-				2	-	-
PEO - 3	1	3	3	2	·	-	-	-		2	_	3	-	2	-
PEO - 4	-	2	3		-	3	2		2	_	2	2	-	2	3
PEO - 5	-	-	-	-	-	3	-	-	3	3	3	3	-	-	3

<sup>3 –</sup> High Correlation, 2 – Medium Correlation, 1 – Low Correlation

#### PSO - Program Specific Outcomes (PSO)

	tum opeeme cateomes (200)
P30 - I	To understand, analyze, design, and develop computing solutions by applying fundamental concepts of computer science and engineering.
PSO - 2	To apply computing principles, skills and practices to develop solutions using logical and reasoning skills, for real life problems.
PSO - 3	To utilize cutting-edge techniques in IoT concepts for societal needs with promoting lifelong learning & research for a forward-thinking profession.

# 28. (e) Program Structure: B.Tech. in Computer Science and Engineering with Specialization in Internet of Things

	Humanities & Social Sciences						Basic Science Courses (B)				
	including Management Courses (H)					Course	Course	H			
Course	Course		ours			Course	Title		Weel		
Code	Title	٧	Veel					L	T	Р	С
		L	T	P	С		Semiconductor Physics and	3	1	2	5
	Communicative English	2	1	0	3		Computational Methods			_	_
21LEH102T							Chemistry	3	1	2	5
21LEH103T							Calculus and Linear Algebra	3	1	0	4
21LEH104T		2	1	0	3		Advanced Calculus and Complex Analysis	3	1	0	4
21LEH105T 21LEH106T		2	1	0	3		Numerical Methods and Analysis	3	1	0	4
							Probability and Queuing Theory	3	1	0	4
21LEH107T 21LEH108T							Discrete Mathematics	3	1	0	4
	Philosophy of Engineering	1	0	2	2		Introduction to Computational Biology	2	0	0	2
	Social Engineering	2	0	0	2	210101021	milioduction to computational biology	Total	-	-	
	Behavioral Psychology	2	1	0	3			TOLAI	CIEC	JILS	32
2101114011		otal (		-			Professional Core Courses (C)				
		Jlai	CIE	uits	13	Course	Course	H	lours	: /	
	Engineering Science Courses (S)					Code	Title	Week			
Course	Course		ours			Code		L	Τ	Р	С
Code	Title	V	Veel			21CSC101T	Object Oriented Design and	2	1	0	3
		L	Τ	Р	С		Programming		'		
21CSS101J	Programming for Problem Solving	3	0	2	4	21CSC201J	Data Structures and Algorithms	3	0	2	4
	Basic civil and Mechanical Workshop	0	0	4	2	21CSC202J	Operating Systems	3	0	2	4
	Engineering Graphics and Design	0	0	4	2	21CSC203P 1		3	1	0	4
	Electrical and Electronics Engineering	3	1	0	4	21CSC204J	Design and Analysis of Algorithms	3	0	2	4
	Computer Organization and Architecture	3	1	0	4	21CSC205P 1		3	1	0	4
	Design Thinking and Methodology	1	2	0	3	21CSC206T	Artificial Intelligence	2	1	0	3
21CSS303T	Data Science	2	0	0	2	21CSC301T	Formal Language and Automata	3	0	0	3
	Te	otal (	Cred	dits	21	21CSC302J	Computer Networks	3	0	2	4
					à	21CSC303J	Software Engineering and Project Management	2	0	2	3
	Non Credit Courses (M)					21CSC315J	Fog Computing	2	0	2	3
Course	Course		ours			21CSC313J	Cloud Computing for IoT	2	0	2	3
Code	Title	_ \	Vee					Total	Cred	dits	42
	Duefe estated Chille and Duestine	L	Τ	Р	С						
21PDM101L 1		0	0	2			Open Elective Courses (O)				
21PDM102L 1		0	0	2			(Any 3 courses)		1	,	_
21PDM201L 1		0	0	2	0	Course	Course		lours Weel		
21PDM202L 1		0		2		Code	Title	1	T	P	С
	Analytical and Logical Thinking Skills	0	0	2		210002517	Web Programming	2	1	0	3
21CYM101T	Employability Skills and Practices Environmental Science	1	0	0	0		Web Programming Python Programming	2	1	0	3
	Constitution of India	1	0	0	0		Mobile Application Development	2	1	0	3
	Universal Human Values – Introduction	1		0		210303331	Data Analytics	2			
	Professional Ethics	1	0	0	0	210003041		Total			
ZILEWIZUII	Universal Human Values-II:	T	U	U	U		***************************************	TOTAL	OIE	aito	UJ
21LEM202T 1		2	1	0	3	Project Wor	rk, Seminar, Internship in Industry / Hi Institutions (P)	igher <sup>*</sup>	Tech	nic	al
21LFM301T 1	Indian Art Form	1	0	0	0	0		Но	urs /		
	Indian Traditional Knowledge	1	0	0	0	Code	Course		eek		
	Physical and Mental Health using Yoga	Ė	Ť	Ĭ	Ŭ	Code	Title			Р	С
	National Service Scheme	١.				21GNP301L		0		2	1
	National Cadet Corps	0	0	2	0	21CSP302L		0	0	6	2
	National Sports Organization					21CSP303T	1 MOOC	3	0	0	3
		otal	Cre	dits	03	21CSP401L		0	0 3	30	15
						21CSP402L	. Major Project	0	0 2	20	10
						21CSP403L				_	5
								Total (	Cred	its	19
						l .					

	Professional Elective Courses (E) (Any 8 Courses)						Professional Elective Courses (E)					
Course Code	Course Title	Week		Week			Course Code	Course Title		ours Vee	k	
		L	1	Р	С	0.4.0.0=0=0.4		L	1	P	C	
711 5 - 7641	Introduction to IoT: Sensors, Actuators	2	1	0	3				0	2	3	
	and Microcontrollers	Week   L   T   P   C     ators   2   1   0   3     mming   3   0   0   3     d   3   0   0   3     2   1   0   3	Ů			2	0	2	3			
21CSE265T	Introduction to Embedded Programming	Hours / Week	2 0 0	2	21CSE467T	Advanced Database Systems	2	1	0	3		
2103L2031	and Embedded OS		Edge Computing	2	1	0	3					
21CSE266T	Internet of Things Architecture and	2	٥	0	2	21CSE469T	Energy Management for IoT devices	2	1	0	3	
2103E2001	Protocols	Hours / Week L T P P P P P P P P P P P P P P P P P P	3 0 0		3	040054707	Applied Software Techniques in IoT	^	,	^	_	
21CSE365T	Machine Learning for IoT	2	1	0	3	21CSE4701	1 ' '		7	U	3	
771 SH 3661	Introduction to Cloud Application	2	1	0	3	21CSE471T	Fundamentals of Cyber security	2	1	0	3	
21C3L3001	Development for IoT		'	O	J	21CSE472J	Full Stack Development for IoT	2	0	2	3	
21CSE367T	IoT Forensics	2	1	0	3	21CSE473T	Deep Learning for IoT	2	1	0	3	
21CSE368J	Network Programming for IoT	2	0	2	3			2	1	0	3	
21CSE369J	Introduction to Security of Internet of Things and Cyber-Physical Systems	2	0	Course	Cre	dits	24					



## 28. (f) Programme Articulation: B.Tech. in Computer Science and Engineering with Specialization in Internet of Things

					F	rogra	ım Ou	tcome	s (PO	))					PSO	
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3
Course Code	Course Name	Engineering Knowledge	Problem Analysis	Design/development of solutions	Conduct investigations of complex problems	Modern Tool Usage	The engineer and society	Environment & Sustainability	Ethics	Individual & Team Work	Communication	Project Mgt. & Finance	Life Long Learning	PSO-1	PSO-2	PSO-3
	Programming for Problem Solving	2	3	-	-	-	-	•	-	-	-	-	2	-	3	-
	Data Science	-	-	-	-	-	-	-		-	-	-	-	1	1	-
	Computer Organization and Architecture	3	2	-	-	-	-	-	-		-	1	-	1	2	1
	Data Structures and Algorithms	2	3	3	1	-	-	-	-	-	-	-	-	1	1	2
	Object Oriented Design and Programming	-	2	_2	7-1	2	7-	4		-	<b>.</b> -	٠.	3	-	2	2
	Design and Analysis of Algorithms	2	1	2	1	-	14-2	4-	4	-	3	-	3	3	1	-
	Operating Systems	3	3	3	2	_	-	4.	-/		-	-	3	2	-	-
21CSC303J	Software Engineering and Project  Management	-	3	2	-	-	-		-4	2	A.	2		3	-	-
21CSC203P	Advanced Programming Practice	3	2	2	1	2	-	-	h-	1	~	h	-	2	-	-
	Formal Language and Automata	2	2	2	7-16		-	-	-	-	٠.,	F-1	-	1	3	-
	Computer Networks	3		6 - 1	2	- 3	-	-	•	-	Н		-	1	-	-
	Database Management Systems	3	2	2		7	7	-	-	•		-	-	2	1	-
	Artificial Intelligence	1	2	3	- 27		-	-	-	-	١	\ <u>-</u>	-	1	2	-
2 <mark>1CSC315</mark> J	Fog Computing	70	200	-3	2	2	10							1	2	3
	Cloud Computing for IoT	и .	2			3		9				7			3	3
21CSE264T	Introduction to IoT: Sensors, Actuators and Microcontrollers		7,7	3	2				8.3	25	}		Z	2	2	
21CSE265T	Introduction to Embedded Programming and Embedded OS	ď.		3	2	Ľ	, 10 (12)	140	4	1	7			3	3	
21CSE266T	Internet of Things Architecture and Protocols		3	3		Т.		10	63					2	2	
21CSE365T	Machine Learning for IoT		2	1	TE	3									3	3
21CSE366T	Introduction to Cloud Application Development for IoT			3	2	E	133								3	3
21CSE367T	IoT Forensics		3	3										2	2	
	Network Programming for IoT			2		3						-			3	3
210052601	Introduction to Security of Internet of Things and Cyber-Physical Systems			3	2	U					7		7		3	3
	Data Visualization for IoT		3	3	2	2					_	7	-	2	2	
	IoT Techniques, Tools, and its application	-	J	2		3				-	-				3	3
	Advanced Database Systems			2	3	-					ŧ¢			2	3	J
	Edge Computing	1.	_	3	2							7		3	3	
21CSE469T	Energy Management for IoT devices		3	بتا	2	P	_	I	1	T	1			2	3	
2103E4701	Applied Software Techniques in IoT Engineering			2	3				ar k	, N	ر لا			2	3	
	Fund <mark>amentals of Cyb</mark> er security			3	2						1				3	2
	Full Stac <mark>k Development for</mark> IoT			3		2					_ =				3	3
	Deep Learni <mark>ng for IoT</mark>		3			3									3	3
21CSE474T	IoT Privacy			3					2						3	2
21CSP302L		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21CSP303T		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Major Project	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Major Project	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
21CSP403L		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Program Average	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

28. (g) Implementation Plan: B.Tech. in Computer Science and Engineering with Specialization in Internet of Things

	• • •										
11	Semester – I	ш	ours				Samastar II				
Course	Course		ours Vee				Semester – II	Н	ours	. /	
Code	Title	V	T	P	_	Course	Course	l	Vee		
21LEH101T	Communicative English	2	1	0	3 3	Code	Title	1	T	_	С
21MAB101T	Calculus and Linear Algebra	3	1	0	4	21LEH102T	Chinese	_	<u> </u>		U
	Semiconductor Physics and		-			21LEH103T	French				
21PYB102J	Computational Methods	3	1	2	5	21LEH104T	German				
21MES102L	,	0	0	4	2	21LEH105T	Japanese	2	1	0	3
21EES101T	Electrical and Electronics Engineering	3	1	0	4	21LEH106T		-	l '		J
21CSS101J	Programming for Problem Solving	3	0	2	4	21LEH107T					
21CYM101T		1	0	0	0	21LEH108T	Russian	=			
21PDM101L1		0	0	2	0	21GNH101J		1	0	2	2
21LEM101T		1	0	0	0		Advanced Coloulus and Compley				
		otal	-	-		21MAB102T	Analysis	3	1	0	4
						21CYB101J		3	1	2	5
<u> </u>	Semester – III					21BTB102T		2	0	0	2
Course	Course		our				Object Oriented Design and	^	,	^	_
Code	Title	٠,	Vee			21CSC101T	Programming	2	1	0	3
OALAA DOOGT	N	L	T	Р	С	21MES101L	Basic Civil and Mechanical Workshop	0	0	4	2
21MAB2061	Numerical Methods and Analysis  Design Thinking and Methodology	3	2	0	3	21PDM102L	General Aptitude*	0	0	2	0
	Design Thinking and Methodology	1		0			Physical and Mental Health using Yoga				
	Computer Organization and Architecture	3	1	0	4	21GNM102L		0	^	2	0
	Data Structures and Algorithms	3	0	2	4		National Cadet Corps	0	0	2	0
	Operating Systems		1	0	4	21GNM104L	National Sports Organization				
	Advanced Programming Practice	3	0	-	0		То	tal	Cre	dits	21
	Professional Ethic Verbal Reasoning		0	0	0		Composton IV				
Z IPDMZ01L 1	U	0		2	-		Semester – IV	ш	our	. /	1
		otal	Cre	aits	23	Course	Course		ours Vee		
	Semester – V					Code	Title	-	T	Р	_
0	0	Н	ours	s /		2414402047	Probability and Queueing Theory	3	1	0	<u>C</u>
Course	Course Title		Nee					3	0	2	4
Code	ııtıe	L	Τ	Р	С		Design and Analysis of Algorithms		1	0	4
21MAB302T	Discrete Mathematics	3	1	0	4		Database Management Systems Artificial Intelligence	2	1	0	3
21CSC301T	Formal Language and Automata	3	0	0	3		Professional Elective-I	2	1	U	3
21CSC302J	Computer Networks	3	0	2	4		Social Engineering	2	0	0	2
21CSC313J	Cloud Computing for IoT	2	0	2	3		Critical and Creative Thinking Skills	0	0	2	0
Ε	Professional Elective – II				3		Universal Human Values-II:	U	U		U
0	Open Elective – I				3		Understanding Harmony and Ethical	2	1	0	3
21GNP301L 1	Community Connect	0	0	2	1	ZILLIVIZUZI	Human Conduct		l '	U	3
21PDM301L 1	Analytical and Logical Thinking Skills										22
	Arialytical and Logical Triiriking Skills	0	0	2	0		Tr	ntal	Cred	dite	
21LEM301T 1	Indian Art Form	1	0	0	0		To	otal	Cre	dits	23
21LEM301T <sup>1</sup>	Indian Art Form	0 1 otal	0	0	0		Semester – VI	otal	Cre	dits	23
21LEM301T 1	Indian Art Form T	1	0	0	0		Semester – VI		Cred		23
21LEM301T 1	Indian Art Form	1 otal	0 Cre	0 dits	0	Course	Semester – VI  Course	Н		s / k	23
	Indian Art Form  T  Semester – VII	1 otal	0 Cre	dits	0	Course Code	Semester – VI  Course Title	H \ L	ours Veel	k P	С
Course	Indian Art Form  T  Semester – VII  Course	1 otal	O Cre ours	dits	21	Course Code 21CSS303T	Semester – VI  Course Title  Data Science	Н	ours	s / k	
Course Code	Indian Art Form  T  Semester – VII  Course Title	1 otal H	0 Cre	dits s / k	0 21	Course Code 21CSS303T	Semester – VI  Course Title  Data Science Software Engineering and Project	H \ L	ours Veel	s / k P 0	C 2
Course Code 21GNH401T	Indian Art Form  T  Semester – VII  Course Title  Behavioral Psychology	1 otal	O Cre ours	dits	0 21 C	Course Code 21CSS303T 21CSC303J	Semester – VI  Course Title  Data Science Software Engineering and Project Management	H \ L 2	ours Veel T 0	k P 0	C 2 3
Course Code 21GNH401T E	Indian Art Form  T  Semester – VII  Course Title  Behavioral Psychology  Professional Elective – V	1 otal H	O Cre ours	dits s / k	0 21 C 3	Course Code 21CSS303T 21CSC303J 21CSC315J	Semester – VI  Course Title  Data Science Software Engineering and Project Management Fog Computing	H \ L	ours Veel T	s / k P 0	C 2 3 3
Course Code 21GNH401T E	Indian Art Form  T  Semester – VII  Course Title  Behavioral Psychology  Professional Elective – V  Professional Elective – VI	1 otal H	O Cre ours	dits s / k	0 21 C 3 3	Course Code 21CSS303T 21CSC303J 21CSC315J E	Semester – VI  Course Title  Data Science Software Engineering and Project Management Fog Computing Professional Elective – III	H \ L 2	ours Veel T 0	k P 0	C 2 3 3 3 3
Course Code 21GNH401T E E	Indian Art Form  T  Semester – VII  Course Title  Behavioral Psychology  Professional Elective – V  Professional Elective – VI  Professional Elective – VII	1 otal H	O Cre ours	dits s / k	0 21 C 3 3 3	Course Code 21CSS303T 21CSC303J 21CSC315J E E	Semester – VI  Course Title  Data Science Software Engineering and Project Management Fog Computing Professional Elective – III Professional Elective – IV	H \ L 2	ours Veel T 0	k P 0	C 2 3 3 3 3 3 3
Course Code 21GNH401T E E E	Indian Art Form  T  Semester – VII  Course Title  Behavioral Psychology  Professional Elective – V  Professional Elective – VII  Professional Elective – VIII  Professional Elective – VIII	1 otal H	O Cre ours	dits s / k	0 21 C 3 3 3 3	Course Code 21CSS303T 21CSC303J 21CSC315J E E	Semester – VI  Course Title  Data Science Software Engineering and Project Management Fog Computing Professional Elective – III Professional Elective – IV Open Elective – II	H \ \L 2 \ 2 \ 2	ours Weel T 0	8 / k P 0 2 2	C 2 3 3 3 3
Course Code 21GNH401T E E E	Indian Art Form  T  Semester – VII  Course Title  Behavioral Psychology Professional Elective – V Professional Elective – VII Professional Elective – VIII Open Elective – III	H L 2	O Cre	odits s/k P 0	0 21 C 3 3 3 3 3 3	Course Code 21CSS303T 21CSC303J 21CSC315J E E O 21CSP302L <sup>1</sup>	Semester – VI  Course Title  Data Science Software Engineering and Project Management Fog Computing Professional Elective – III Professional Elective – IV Open Elective – II Project	H \ \ \ \ L \ 2 \ 2 \ 2 \ 0 \ 0	ours Weel T 0 0	8 / k P 0 2 2 2 6	C 2 3 3 3 3 3 3
Course Code 21GNH401T E E E	Indian Art Form  T  Semester – VII  Course Title  Behavioral Psychology Professional Elective – V Professional Elective – VII Professional Elective – VIII Open Elective – III	H L 2	O Cre	odits s/k P 0	0 21 C 3 3 3 3 3 3	Course Code 21CSS303T 21CSC303J 21CSC315J E E O 21CSP302L <sup>1</sup> 21CSP303T <sup>1</sup>	Semester – VI  Course Title  Data Science Software Engineering and Project Management Fog Computing Professional Elective – III Professional Elective – IV Open Elective – II Project MOOC	H \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	ours Veel T 0 0 0	8 / k P 0 2 2 2 6 6 0	C 2 3 3 3 3 3 3 3 3 3
Course Code 21GNH401T E E E	Indian Art Form  T  Semester – VII  Course Title  Behavioral Psychology Professional Elective – V Professional Elective – VII Professional Elective – VIII Open Elective – III	H L 2	O Cre	odits s/k P 0	0 21 C 3 3 3 3 3 3	Course Code 21CSS303T 21CSC303J 21CSC315J E E O 21CSP302L <sup>1</sup> 21CSP303T <sup>1</sup> 21PDM302L <sup>1</sup>	Semester – VI  Course Title  Data Science Software Engineering and Project Management Fog Computing Professional Elective – III Professional Elective – IV Open Elective – II Project MOOC Employability Skills and Practices	H \ \ \ \ L \ 2 \ 2 \ 2 \ 0 \ 0	ours Weel T 0 0	6 0 2 2 2	C 2 3 3 3 3 3 3 0
Course Code 21GNH401T E E E	Indian Art Form  T  Semester – VII  Course Title  Behavioral Psychology Professional Elective – V Professional Elective – VII Professional Elective – VIII Open Elective – III	H L 2	O Cre	odits s/k P 0	0 21 C 3 3 3 3 3 3	Course Code 21CSS303T 21CSC303J 21CSC315J E E O 21CSP302L <sup>1</sup> 21CSP303T <sup>1</sup> 21PDM302L <sup>1</sup>	Semester – VI  Course Title  Data Science Software Engineering and Project Management Fog Computing Professional Elective – III Professional Elective – IV Open Elective – II Project MOOC Employability Skills and Practices Indian Traditional Knowledge	H \ \ \ \ L \ 2 \ 2 \ 2 \ \ 0 \ 3 \ 0 \ 1	ours Weel T 0 0 0	6 0 2 2 2 0	C 2 3 3 3 3 3 0 0 0
Course Code 21GNH401T E E E	Indian Art Form  T  Semester – VII  Course Title  Behavioral Psychology  Professional Elective – V  Professional Elective – VI  Professional Elective – VIII  Professional Elective – VIII  Open Elective – III  T	H L 2	O Cre	odits s/k P 0	0 21 C 3 3 3 3 3 3	Course Code 21CSS303T 21CSC303J 21CSC315J E E O 21CSP302L <sup>1</sup> 21CSP303T <sup>1</sup> 21PDM302L <sup>1</sup>	Semester – VI  Course Title  Data Science Software Engineering and Project Management Fog Computing Professional Elective – III Professional Elective – IV Open Elective – II Project MOOC Employability Skills and Practices Indian Traditional Knowledge	H \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	ours Weel T 0 0 0	6 0 2 2 2 0	C 2 3 3 3 3 3 0 0 0
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### SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

(Deemed to be University u/s 3 of UGC Act, 1956)

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