ACADEMIC CURRICULA

UNDERGRADUATE DEGREE PROGRAMMES

Bachelor of Technology

(B.Tech. - Four Years)

(New Programmes)

Regulations 2018

Volume - 4(10)

(Revised in March 2019)



SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

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

Kattankulathur, Kancheepuram District 603203, Tamil Nadu, India



4. <u>B.Tech. in Computer Science and Engineering with</u> <u>Specialization in Gaming Technology</u>

4. (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
IVIISSION SUM - 2	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
	To produce successful Computer Science and Engineering graduates with personal and professional responsibilities and commitment to lifelong learning

4. (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
FEO - 3	Engineering.
PEO - 4	Graduates will be ethically and socially responsible solution providers and entrepreneurs in Computer Science and other engineering disciplines.
PEO - 5	Graduates will be able to explore recent technological developments related to Systems Engineering.
PEO - 6	Graduates will have the ability to explore research areas and produce outstanding contribution in various areas of Systems Engineering.

4. (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	H	H	H	H	Н
PEO - 2	L	Н	Н	Н	Н
PEO - 3	Н	Н	М	L	Н
PEO - 4	M	Н	M	H	Н
PEO - 4 PEO - 5	Н	H	M	M	Н
PEO - 6	M	Н	Н	Н	Н

H – High Correlation, M – Medium Correlation, L – Low Correlation

4. (d) Mapping Program Educational Objectives (PEO) to Program Learning Outcomes (PLO)

					ſ	rograr	n Lear	ning Ou	ıtcome	s (PLO)				
		1			Gr	aduate At	tributes (0	GA)			W	7		gra <mark>m S</mark> pe comes (P	
	Engineering Knowledge	Problem Analysis	Design & Development	Analysis, Design, Research	Modern Tool Usage	Society & Culture	Environment & Sustainability	Ethics	Individual & Team Work	Communication	Project Mgt. & Finance	Life Long Learning	PSO - 1	PSO - 2	PSO - 3
PEO - 1	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н
PEO - 2	Н	Н	Н	Н	Н	L	L	Н	L	Н	L	Н	Н	Н	Н
PEO - 3	Н	Н	Н	Н	Н	L	L	L	L	L	Н	Н	Н	Н	Н
PEO - 4	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н
PEO - 5	Н	L	L	Н	Н	L	L	L	L	L	Н	Н	Н	Н	Н
PEO - 6	L	Н	Н	Н	Н	Н	Н	L	L	L	L	L	Н	Н	L

H – High Correlation, M – Medium Correlation, L – Low Correlation

PSO – Program Specific Outcomes (PSO)

PSO - 1	Ability to apply the techniques and tools of Gaming Technology
PSO - 2	Create new Algorithms and techniques with Gaming concepts
PSO - 3	Ability to Develop systems involving Gaming fundamentals

4. (e) Program Structure:B.Tech. in Computer Science and Engineering with Specialization in Gaming Technology

	ning Technology						
	Humanities & Social Sciences including Management Courses (H)					2. Basic Science Courses (B)	
Course	Course	Но	urs/	Weel	k	Course Course Hours/ We	eek
Code	Title	L	T	Р	С		P (
18LEH101J	English	2	0	2	3	18PYB103J Physics: Semiconductor Physics 3 1	2 5
18LEH102J	Chinese					18CYB101J Chemistry 3 1	2 5
18LEH103J	French	Ī		Î		18MAB101T Calculus and Linear Algebra 3 1	0 4
18LEH104J	German	2	0	2	3		0 4
18LEH105J	Japanese						0 4
18LEH106J						18MAB204T Probability and Queueing Theory 3 1	0 4
18PDH101T		0	0	2	1	18MAB302T Discrete Mathematics for Engineers 3 1	0 4
18PDH102T	Management Principles for Engineers	2				18BTB101T Biology 2 0	0 2
18PDH103T	Social Engineering	2				Total Learning Credits	3
18PDH201T		0	0	2	1	4 D (10 0 (0)	
	Total Learning Credits	3			12	4. Professional Core Courses (C)	
	2 Engineering Science Courses (S)					Course Course Hours/ We	eek
	3. Engineering Science Courses (S)					Code Title L T	P (
Course	Course	Ц۰	uro/	Weel	L I		2 4
	Title	ПО					2 4
Code							2 4
18MES101L	Pagis Floatrical and Floatrica Francis	1					2
10EES 101J	Basic Electrical and Electronics Engineering	3					2
		1					2
18CSS101J		3					2
	Analog and Digital Electronics	3			4		0
18CSS202J	Computer Communications	2	0	2	_		2
	Total Learning Credits	3			23		2
							2
	5. Professional Elective Courses (E)						2
	(Any 6 Elective Courses)						_
			Нои	rs/			2
Course	Course		We				
Code	Title	L	T		С		2
	Design Thinking for Game Development	3					2
18CSF3371	Game Design, Prototyping and Development	2				Total Learning Credits	5
18CSF3381	Computer Graphics	2					
	Multimedia Tools and Applications	2				6. Open Elective Courses (O)	
	Graphical Processing Unit Programming	2				0	
	Gaming Studio for Business	3				Course Course Hours/We	
	Virtual Reality and Augmented Reality	2	0			Code Title L T	
	Computer Animation and Simulation	2				3	0
	Mobile Game Development	2				The state of the s	0
	Psychology and Economy of Games	3				3	0 .
	Total Learning Credits		1 -	-	18	18CSO104T Free and Open Source Softwares 3 0	0
							0
		_				18CSO105T Android Development 3 0	
	8. Mandatory Courses (M)	, ,	т	D		·	0
Code	8. Mandatory Courses (M) Course Title	L	T	P 2	C	18CSO106T Data Analysis using Open Source Tool 3 0	0
Code 8PDM101L F	8. Mandatory Courses (M)	L 0	T 0	2	0	18CSO106T Data Analysis using Open Source Tool 3 0	
Code 8PDM101L F 8PDM201L C 8PDM203L E	8. Mandatory Courses (M) Course Title Professional Skills and Practices Competencies in Social Skills Entrepreneurial Skill Development	L	T 0			18CSO106T Data Analysis using Open Source Tool 3 0 18CSO107T IOS Development 3 0 Total Learning Credits	0
Code BPDM101L F BPDM201L C BPDM203L E BPDM202L C	8. Mandatory Courses (M) Course Title Professional Skills and Practices Competencies in Social Skills Entrepreneurial Skill Development Critical and Creative Thinking Skills	L 0	0	2	0	18CSO106T Data Analysis using Open Source Tool 3 0 18CSO107T IOS Development 3 0 Total Learning Credits 7. Project Work, Seminar, Internship In	0
Code BPDM101L F BPDM201L C BPDM203L E BPDM202L C BPDM204L E	8. Mandatory Courses (M) Course Title Professional Skills and Practices Competencies in Social Skills Entrepreneurial Skill Development Critical and Creative Thinking Skills Business Basics for Entrepreneurs	L 0		2	0	18CSO106T Data Analysis using Open Source Tool 3 0 18CSO107T IOS Development 3 0 Total Learning Credits 7. Project Work, Seminar, Internship In Industry/ Higher Technical Institutions (P)	0
Code BPDM101L F BPDM201L C BPDM203L E BPDM202L C BPDM204L E BPDM301L A	8. Mandatory Courses (M) Course Title Professional Skills and Practices Competencies in Social Skills Entrepreneurial Skill Development Critical and Creative Thinking Skills Business Basics for Entrepreneurs Analytical and Logical Thinking Skills	L 0 0	0	2 2	0 0 0	18CSO106T Data Analysis using Open Source Tool 3 0 18CSO107T IOS Development 3 0 1 Total Learning Credits 7. Project Work, Seminar, Internship In Industry/ Higher Technical Institutions (P) Course Course Hours/ We	0 (
Code BPDM101L F BPDM201L G BPDM203L E BPDM202L G BPDM204L E BPDM301L A BPDM302L E	8. Mandatory Courses (M) Course Title Professional Skills and Practices Competencies in Social Skills Entrepreneurial Skill Development Critical and Creative Thinking Skills Business Basics for Entrepreneurs Analytical and Logical Thinking Skills Entrepreneurship Management	L 0	0 0 0	2 2 2	0 0 0 0	18CSO106T	0
Code PPDM101L F PPDM201L C PPDM203L E PPDM202L C PPDM204L E PPDM301L A PPDM302L E PPDM301L A	8. Mandatory Courses (M) Course Title Professional Skills and Practices Competencies in Social Skills Intrepreneurial Skill Development Critical and Creative Thinking Skills Business Basics for Entrepreneurs Analytical and Logical Thinking Skills Entrepreneurship Management Constitution of India	L 0 0 0	0 0 0	2 2 2 2 0	0 0 0 0	18CSO106T	0 (eek
Code BPDM101L F BPDM201L C BPDM203L E BPDM202L C BPDM301L A BPDM301L A BPDM301L A BPDM301L B BLEM101T C BLEM102J V	8. Mandatory Courses (M) Course Title Professional Skills and Practices Competencies in Social Skills Entrepreneurial Skill Development Critical and Creative Thinking Skills Business Basics for Entrepreneurs Analytical and Logical Thinking Skills Entrepreneurship Management Constitution of India	L 0 0 0	0 0 0 0	2 2 2 2 0 1	0 0 0 0 0	18CSO106T Data Analysis using Open Source Tool 3 0 18CSO107T IOS Development 3 0 Total Learning Credits	0 (eek
Code BPDM101L F BPDM201L C BPDM203L E BPDM202L C BPDM301L A BPDM301L A BPDM301L A BPDM301L B BLEM101T C BLEM102J V	8. Mandatory Courses (M) Course Title Professional Skills and Practices Competencies in Social Skills Intrepreneurial Skill Development Critical and Creative Thinking Skills Business Basics for Entrepreneurs Analytical and Logical Thinking Skills Entrepreneurship Management Constitution of India	L 0 0 0	0 0 0	2 2 2 2 0	0 0 0 0	18CSO106T Data Analysis using Open Source Tool 3 0 18CSO107T IOS Development 3 0 18CSD107T IOS Development Total Learning Credits	0 (eek
Code RPDM101L F RPDM201L C RPDM203L E RPDM202L C RPDM301L A RPDM301L A RPDM301L A RPDM301L A RPDM302L E REM101T C RLEM102J V	8. Mandatory Courses (M) Course Title Professional Skills and Practices Competencies in Social Skills Entrepreneurial Skill Development Critical and Creative Thinking Skills Business Basics for Entrepreneurs Analytical and Logical Thinking Skills Entrepreneurship Management Constitution of India	L 0 0 0	0 0 0 0	2 2 2 2 0 1	0 0 0 0 0	18CSO106T	0 (eek P
Code RPDM101L F RPDM201L C RPDM203L E RPDM202L C RPDM301L A RPDM301L A RPDM301L A RPDM301L A RPDM302L E REM101T C RLEM102J V	8. Mandatory Courses (M) Course Title Professional Skills and Practices Competencies in Social Skills Entrepreneurial Skill Development Critical and Creative Thinking Skills Business Basics for Entrepreneurs Analytical and Logical Thinking Skills Entrepreneurship Management Constitution of India	L 0 0 0	0 0 0 0	2 2 2 2 0 1	0 0 0 0 0	18CSO106T	0 (eek P
Code RPDM101L F RPDM201L C RPDM203L E RPDM202L C RPDM301L A RPDM301L A RPDM301L A RPDM301L A RPDM302L E REM101T C RLEM102J V	8. Mandatory Courses (M) Course Title Professional Skills and Practices Competencies in Social Skills Entrepreneurial Skill Development Critical and Creative Thinking Skills Business Basics for Entrepreneurs Analytical and Logical Thinking Skills Entrepreneurship Management Constitution of India	L 0 0 0	0 0 0 0	2 2 2 2 0 1	0 0 0 0 0	18CSO106T	0 (eek P
Code PDM101L P PDM201L C PDM203L E PDM202L C PDM204L E PDM301L A PDM301L A PDM301L A PDM302L E BLEM101T C BLEM102J V	8. Mandatory Courses (M) Course Title Professional Skills and Practices Competencies in Social Skills Entrepreneurial Skill Development Critical and Creative Thinking Skills Business Basics for Entrepreneurs Analytical and Logical Thinking Skills Entrepreneurship Management Constitution of India	L 0 0 0	0 0 0 0	2 2 2 2 0 1	0 0 0 0 0	18CSO106T	eek P 2
Code PDM101L F PDM201L C PDM203L E PDM202L C PDM204L E PDM301L A PDM301L A PDM301L A PLEM101T C	8. Mandatory Courses (M) Course Title Professional Skills and Practices Competencies in Social Skills Entrepreneurial Skill Development Critical and Creative Thinking Skills Business Basics for Entrepreneurs Analytical and Logical Thinking Skills Entrepreneurship Management Constitution of India	L 0 0 0	0 0 0 0	2 2 2 2 0 1	0 0 0 0 0	Total Learning Credits	eek P 2
Code PDM101L F PDM201L C PDM203L E PDM202L C PDM204L E PDM301L A PDM301L A PDM301L A PLEM101T C LEM102J V	8. Mandatory Courses (M) Course Title Professional Skills and Practices Competencies in Social Skills Entrepreneurial Skill Development Critical and Creative Thinking Skills Business Basics for Entrepreneurs Analytical and Logical Thinking Skills Entrepreneurship Management Constitution of India	L 0 0 0	0 0 0 0	2 2 2 2 0 1	0 0 0 0 0	Total Learning Credits	0 P P 2 2
Code PDM101L P PDM201L C PDM203L E PDM202L C PDM204L E PDM301L A PDM302L E LEM101T C LEM102J V	8. Mandatory Courses (M) Course Title Professional Skills and Practices Competencies in Social Skills Entrepreneurial Skill Development Critical and Creative Thinking Skills Business Basics for Entrepreneurs Analytical and Logical Thinking Skills Entrepreneurship Management Constitution of India	L 0 0 0	0 0 0 0	2 2 2 2 0 1	0 0 0 0 0	Total Learning Credits	0 P 2 2 2 6
Code BPDM101L F BPDM201L C BPDM203L E BPDM202L C BPDM301L A BPDM301L A BPDM301L A BPDM301L B BLEM101T C BLEM102J V	8. Mandatory Courses (M) Course Title Professional Skills and Practices Competencies in Social Skills Entrepreneurial Skill Development Critical and Creative Thinking Skills Business Basics for Entrepreneurs Analytical and Logical Thinking Skills Entrepreneurship Management Constitution of India	L 0 0 0	0 0 0 0	2 2 2 2 0 1	0 0 0 0 0	Total Learning Credits	0 (1) (1) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4
Code BPDM101L F BPDM201L C BPDM203L E BPDM202L C BPDM204L E BPDM301L A BPDM301L A BPDM301L B BRDM301L B BRDM302L E BLEM101T C BLEM102J V	8. Mandatory Courses (M) Course Title Professional Skills and Practices Competencies in Social Skills Entrepreneurial Skill Development Critical and Creative Thinking Skills Business Basics for Entrepreneurs Analytical and Logical Thinking Skills Entrepreneurship Management Constitution of India	L 0 0 0	0 0 0 0	2 2 2 2 0 1	0 0 0 0 0	Total Learning Credits	0 (1) (1) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4
Code RPDM101L F RPDM201L C RPDM203L E RPDM202L C RPDM301L A RPDM301L A RPDM301L A RPDM301L A RPDM302L E REM101T C RLEM102J V	8. Mandatory Courses (M) Course Title Professional Skills and Practices Competencies in Social Skills Entrepreneurial Skill Development Critical and Creative Thinking Skills Business Basics for Entrepreneurs Analytical and Logical Thinking Skills Entrepreneurship Management Constitution of India	L 0 0 0	0 0 0 0	2 2 2 2 0 1	0 0 0 0 0	Total Learning Credits	0 (1) (1) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4
Code BPDM101L F BPDM201L C BPDM203L E BPDM202L C BPDM204L E BPDM301L A BPDM301L A BPDM301L B BRDM301L B BRDM302L E BLEM101T C BLEM102J V	8. Mandatory Courses (M) Course Title Professional Skills and Practices Competencies in Social Skills Entrepreneurial Skill Development Critical and Creative Thinking Skills Business Basics for Entrepreneurs Analytical and Logical Thinking Skills Entrepreneurship Management Constitution of India	L 0 0 0	0 0 0 0	2 2 2 2 0 1	0 0 0 0 0	Total Learning Credits	0 (1) (1) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4
Code BPDM101L F BPDM201L C BPDM203L E BPDM202L C BPDM204L E BPDM301L A BPDM301L A BPDM301L B BLEM101T C BLEM102J V	8. Mandatory Courses (M) Course Title Professional Skills and Practices Competencies in Social Skills Entrepreneurial Skill Development Critical and Creative Thinking Skills Business Basics for Entrepreneurs Analytical and Logical Thinking Skills Entrepreneurship Management Constitution of India	L 0 0 0	0 0 0 0	2 2 2 2 0 1	0 0 0 0 0	Total Learning Credits	0 (1) (1) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4
Code BPDM101L F BPDM201L C BPDM203L E BPDM202L C BPDM204L E BPDM301L A BPDM301L A BPDM301L B BLEM101T C BLEM102J V	8. Mandatory Courses (M) Course Title Professional Skills and Practices Competencies in Social Skills Entrepreneurial Skill Development Critical and Creative Thinking Skills Business Basics for Entrepreneurs Analytical and Logical Thinking Skills Entrepreneurship Management Constitution of India	L 0 0 0	0 0 0 0	2 2 2 2 0 1	0 0 0 0 0	Total Learning Credits	0 ((
Code BPDM101L F BPDM201L C BPDM203L E BPDM202L C BPDM204L E BPDM301L A BPDM301L A BPDM301L B BRDM301L B BRDM302L E BLEM101T C BLEM102J V	8. Mandatory Courses (M) Course Title Professional Skills and Practices Competencies in Social Skills Entrepreneurial Skill Development Critical and Creative Thinking Skills Business Basics for Entrepreneurs Analytical and Logical Thinking Skills Entrepreneurship Management Constitution of India	L 0 0 0	0 0 0 0	2 2 2 2 0 1	0 0 0 0 0	Total Learning Credits	0
Code BPDM101L F BPDM201L C BPDM203L E BPDM202L C BPDM301L A BPDM301L A BPDM301L A BPDM301L B BLEM101T C BLEM102J V	8. Mandatory Courses (M) Course Title Professional Skills and Practices Competencies in Social Skills Entrepreneurial Skill Development Critical and Creative Thinking Skills Business Basics for Entrepreneurs Analytical and Logical Thinking Skills Entrepreneurship Management Constitution of India	L 0 0 0	0 0 0 0	2 2 2 2 0 1	0 0 0 0 0	Total Learning Credits	0
Code RPDM101L F RPDM201L C RPDM203L E RPDM202L C RPDM301L A RPDM301L A RPDM301L A RPDM301L A RPDM302L E REM101T C RLEM102J V	8. Mandatory Courses (M) Course Title Professional Skills and Practices Competencies in Social Skills Entrepreneurial Skill Development Critical and Creative Thinking Skills Business Basics for Entrepreneurs Analytical and Logical Thinking Skills Entrepreneurship Management Constitution of India	L 0 0 0	0 0 0 0	2 2 2 2 0 1	0 0 0 0 0	Total Learning Credits	0

4. (f) Program Articulation: B.Tech. in Computer Science and Engineering with Specialization in Gaming Technology

				F	rog	ram	ı Le	arni	ng (Outo	com	es (PLC))		
						Grad	luate	Attrib	outes						PSO	1
Course Code	Course Name	Engineering Knowledge	Problem Analysis	Design & Development	Analysis, Design, Research	Modern Tool Usage	Society & Culture	Environment & Sustainability	Ethics	Individual & Team Work	Communication	Project Mgt. & Finance	Life Long Learning	PSO - 1	PSO - 2	PSO - 3
18CSS101J	Programming for Problem Solving	Н	Н	М	М	Н	Ĺ	L	М	Н	М	L	Н	L	Н	Н
18CSC201J	Data Structures and Algorithms	Н	Н	Н	Н	М	L	L	М	Н	М	М	Н	L	Н	Н
18CSC202J	Object Oriented Design and Programming	Н	Н	Н	Н	Н	М	L	М	Н	Н	М	Н	L	Н	Н
18CSC203J	Computer Organization and Architecture	Н	М	Н	М	L	L	L	М	L	L	L	М	Н	М	М
18CSC204J	Design and Analysis of Algorithms	Н	Н	Н	Н	М	М	L	М	М	М	М	Н	L	Н	Н
	Operating Systems	Н	Н	Н	Н	Н	М	L	М	Н	М	М	Н	Н	Н	М
18CSC206J	Software Engineering and Project Management	Н	H	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	L	Н	М
18CSC207J	Advanced Programming Practice	Н	Н	М	М	Н	L	L	М	Н	М	L	Н	L	Н	Н
18CSC301T	Formal Language and Automata	Н	Н	Н	Н	L	L	L	L	М	М	L	Н	Н	Н	Н
	Computer Networks	Н	Н	Н	Н	Н	М	L	М	Н	М	М	Н	Н	Н	М
18CSC303J	Database Management Systems	Н	Н	Н	Н	Н	М	L	М	Н	М	М	Н	Н	Н	М
18CSC304J		Н	Н	·H	Н	М	L	L	L	М	М	L	Н	Н	Н	Н
	Artificial Intelligence	Н	Н	Н	Н	М	М	L	L	М	М	L	Н	Н	Н	Н
	Competitive Professional Skills – I	Н	Н	Н	Н	Н	L	L	М	Н	Н	М	Н	Н	Н	Н
	Competitive Professional Skills - II	Н	Н	Н	Н	Н	L	L	М	Н	Н	М	Н	Н	Н	Н
18CSC307L	Competitive Professional Skills - III Design Thinking for Game Development	Н	Н	Н	Н	Н	L	L	М	Н	Н	М	Н	Н	Н	Н
		Н	Н	Н	Н	Н	М	L	М	Н	М	L	Н	L	Н	Н
18CSE337J		Н	Н	Н	М	Н	M	L	M	Н	M	L	Н	L	Н	H
18CSE338J	Computer Graphics Multimedia Tools and Applications	H	H	H	Н	H	M	L	M M	H	M	L M	H	L	H	Н
	Graphical Processing Unit Programming			Н	H		M	L	M	Н	M	M	Н	L	Н	H
	Graphical Processing Unit Programming Gaming Studio for Business	H	H	Н	Н	H	Н	L	M	Н	M	M	Н	L M	Н	Н
18CSE437T		Н	Н	Н	Н	М	М	L	M	Н	M	L	Н	M	Н	Н
18CSE4371	Computer Animation and Simulation															
		Н	Н	Н	Н	Н	М	М	Н	Н	М	М	Н	М	Н	Н
18CSE439T		Н	H	Н	Н	Н	М	L	М	Н	М	L	Н	М	Н	Н
	Psychology and Economy of Games	Н	Н	Н	Н	Н	М	L	М	Н	М	М	Н	М	Н	Н
	Massive Open Online Course - I	Н	М	М	М	М	М	М	М	Н	Н	Н	М	Н	Н	Н
18CSP102L	Industrial Training-I	Н	М	М	М	М	М	М	М	Н	Н	Н	М	Н	Н	Н
18CSP103L	Seminar - I	Н	М	М	М	М	М	М	М	Н	Н	Н	М	Н	Н	Н
18CSP104L	Massive Open Online Course - II	Н	М	М	М	М	М	М	М	Н	Н	Н	М	Н	Н	Н
18CSP105L	Industrial Training-II	Н	М	М	М	М	М	М	М	Н	Н	Н	М	Н	Н	Н
18CSP106L	Seminar - II	Н	М	М	М	М	М	М	М	Н	Н	Н	М	Н	Н	Н
18CSP107L	Minor Project	Н	Н	Н	Н	Н	М	М	Н	Н	Н	Н	Н	Н	М	М
18CSP108L	Internship (4-6 weeks)	Н	Н	Н	Н	Н	М	М	Н	Н	Н	Н	Н	Н	М	М
18CSP109L	<u>Project</u>	Н	Н	Н	Н	Н	М	М	Н	Н	Н	Н	Н	Н	М	М
18CSP110L	Semester Internship	Н	Н	Н	Н	Н	М	М	Н	Н	Н	Н	Н	Н	М	М
	Program Average	Н	Н	М	Н	М	L	М	L	М	М	М	Н	М	М	М

4. (g) Implementation Plan:B.Tech. in Computer Science and Engineering with Specialization in Gaming Technology

	Semester - I						Semester - II				
		Hou	ırs/ V	Neek	_	₩		Hou	ırs/ V	Veek	
Code	Course Title	L	T	Р	С	Code	Course Title	L	Τ	Р	С
18LEH101J	English	2	0	2	3	18LEH10XJ	Chinese / French / German / Japanese/	2	0	2	3
18MAB101T	Calculus and Linear Algebra	3	1	0	4		NUIEdii				
	Physics: Semiconductor Physics	3	1	2	5		Advanced Calculus and Complex Analysis	3	1	0	4
	Engineering Graphics and Design	1	0	4	3	18CYB101J		3	1	2	5
	Basic Electrical and Electronics Engineering	3	1	2	5		Programming for Problem Solving	3	0	4	5
18PDM101L	Professional Skills and Practices	0	0	2	0		Civil and Mechanical Engineering Workshop	1	0		3
	Constitution of India	1	0	0	0		General Aptitude	0	0	2	1
18GNM101L	Physical and Mental Health using Yoga	0	0	2	0	18LEM102J	Value Education	1	0		0
	Total Learning Credit	S			20	18GNM10XL	NCC / NSS / NSO	0	0	2	0
							Total Learning Credit	S			21
	Semester - III						Semester - IV				
		Hou	ırs/ V	Neek	_			Hou	ırs/ V	Veek	_
Code	Course Title	L	T T	Р	С	Code	Course Title	L	T		С
18MAR201T	Transforms and Boundary Value Problems	3	1	0	4	18MAR20AT	Probability and Queueing Theory	3	1		4
18BTB101T		2	0	0	2		Computer Communications	2	0		3
		3	0	2			Design and Analysis of Algorithms	3	0		4
100002011	Analog and Digital Electronics Data Structures and Algorithms	3	0	2	4	10030204J	Operating Systems	3	0		4
							0 %	_	U	2	4
18CSC202J	Object Oriented Design and Programming	3	0	2	4	18CSC206J	Software Engineering and Project	3	0	2	4
	Computer Organization and Architecture	3	0	2	4	H	Management		_	_	
18PDH1021	Management Principles for Engineers	2	0	0	2	18CSC207J	Advanced Programming Practice	3	0		4
	Competencies in Social Skills	0	0	2	0		Competitive Professional Skills - I	0	0	2	1
18PDM203L	Entrepreneurial Skill Development		Ů	_		18PDH103T	Social Engineering	2	0	0	2
	Total Learning Credit	٥.			0.4	18PDM202L	Critical and Creative Thinking Skills	0	0	2	0
	Total Ecalling Ordan	<u> </u>			24						
	Total Edithing Ordan				24		Business Basics for Entrepreneurs	Ů			
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	2/ 8			K	24		Environmental Science Total Learning Credit	1			<i>0</i> 26
Code	Semester - V			Veek	1	18CYM101T	Environmental Science Total Learning Credit Semester - VI	1	0	0 Veek	26
Code	Semester - V Course Title	Hou	T	Р	С	18CYM101T Code	Environmental Science Total Learning Credit Semester - VI Course Title	1 Hou	0 irs/ V	0 Veek	26 C
18MAB302T	Semester - V Course Title Discrete Mathematics for Engineers	Hou L	T 1	P 0	C 4	18CYM101T Code 18CSC303J	Environmental Science Total Learning Credit Semester - VI Course Title Database Management Systems	Hou L	0 ours/ V	0 Veek P	26 C
18MAB302T 18CSC301T	Semester - V Course Title Discrete Mathematics for Engineers Formal Language and Automata	Hou L 3	T 1	P 0 0	C 4 3	18CYM101T Code 18CSC303J 18CSC304J	Environmental Science Total Learning Credit Semester - VI Course Title Database Management Systems Compiler Design	1 1 S Hou L 3 3 3	0 Irs/ V T 0 0	Veek P 2 2	C 4 4
18MAB302T 18CSC301T 18CSC302J	Semester - V Course Title Discrete Mathematics for Engineers Formal Language and Automata Computer Networks	Hou L 3 3	T 1 0	P 0 0 2	C 4 3 4	18CYM101T Code 18CSC303J 18CSC304J 18CSC305J	Environmental Science Total Learning Credit Semester - VI Course Title Database Management Systems Compiler Design Artificial Intelligence	Hou L 3 3	0 Irs/ V T 0 0	Veek P 2 2 2	C 4 4 4
18MAB302T 18CSC301T 18CSC302J 18CSC306L	Semester - V Course Title Discrete Mathematics for Engineers Formal Language and Automata Computer Networks Competitive Professional Skills - II	Hot L 3 3 3 0	T 1 0 0	P 0 0 2 2	C 4 3 4 1	18CYM101T Code 18CSC303J 18CSC304J 18CSC305J 18CSC307L	Environmental Science Total Learning Credit Semester - VI Course Title Database Management Systems Compiler Design Artificial Intelligence Competitive Professional Skills - III	Hou L 3 3 3	0 T 0 0 0	0 Veek P 2 2 2	C 4 4 4 1
18MAB302T 18CSC301T 18CSC302J 18CSC306L	Semester - V Course Title Discrete Mathematics for Engineers Formal Language and Automata Computer Networks Competitive Professional Skills - II Professional Elective – 1	Hou L 3 3 0	T 1 0 0 0	P 0 0 2 2 2 0	C 4 3 4 1 3	18CYM101T Code 18CSC303J 18CSC304J 18CSC305J 18CSC307L	Environmental Science Total Learning Credit Semester - VI Course Title Database Management Systems Compiler Design Artificial Intelligence Competitive Professional Skills - III Comprehension	Hou L 3 3 3 0	0 Irs/ V T 0 0 0	0 Veek P 2 2 2 2	C 4 4 1 1 1
18MAB302T 18CSC301T 18CSC302J 18CSC306L	Semester - V Course Title Discrete Mathematics for Engineers Formal Language and Automata Computer Networks Competitive Professional Skills - II Professional Elective – 1 Professional Elective – 2	Hou L 3 3 0 0 3 3	T 1 0 0 0 0	P 0 0 2 2	C 4 3 4 1 3 3 3	18CYM101T Code 18CSC303J 18CSC304J 18CSC305J 18CSC307L	Environmental Science Total Learning Credit Semester - VI Course Title Database Management Systems Compiler Design Artificial Intelligence Competitive Professional Skills - III Comprehension Professional Elective – 3	Hou L 3 3 0 0	0 ors/ V	0 Veek P 2 2 2 2 0 0	C 4 4 4 1 1 3
18MAB302T 18CSC301T 18CSC302J 18CSC306L	Semester - V Course Title Discrete Mathematics for Engineers Formal Language and Automata Computer Networks Competitive Professional Skills - II Professional Elective – 1 Professional Elective – 2 Open Elective – 1	Hou L 3 3 0	T 1 0 0 0	P 0 0 2 2 2 0	C 4 3 4 1 3	18CYM101T Code 18CSC303J 18CSC304J 18CSC305J 18CSC307L	Environmental Science Total Learning Credit Semester - VI Course Title Database Management Systems Compiler Design Artificial Intelligence Competitive Professional Skills - III Comprehension Professional Elective - 3 Professional Elective - 4	Hou L 3 3 3 0	0 Irs/ V T 0 0 0	0 Veek P 2 2 2 2 0 0	C 4 4 1 1 3
18MAB302T 18CSC301T 18CSC302J 18CSC306L	Semester - V Course Title Discrete Mathematics for Engineers Formal Language and Automata Computer Networks Competitive Professional Skills - II Professional Elective – 1 Professional Elective – 2 Open Elective – 1	Hou L 3 3 0 0 3 3	T 1 0 0 0 0	P 0 0 2 2 2 0 0	C 4 3 4 1 3 3 3	18CYM101T Code 18CSC303J 18CSC304J 18CSC305J 18CSC307L	Environmental Science Total Learning Credit Semester - VI Course Title Database Management Systems Compiler Design Artificial Intelligence Competitive Professional Skills - III Comprehension Professional Elective – 3	Hou L 3 3 0 0	0 ors/ V	0 Veek P 2 2 2 2 0 0	C 4 4 4 4 1 1 1 3 3 3
18MAB302T 18CSC301T 18CSC302J 18CSC306L	Semester - V Course Title Discrete Mathematics for Engineers Formal Language and Automata Computer Networks Competitive Professional Skills - II Professional Elective – 1 Professional Elective – 2	Hou L 3 3 0 0 3 3	T 1 0 0 0 0	P 0 0 2 2 2 0 0	C 4 3 4 1 3 3 3	Code 18CSC303J 18CSC304J 18CSC305J 18CSC307L 18CSC350T	Environmental Science Total Learning Credit Semester - VI Course Title Database Management Systems Compiler Design Artificial Intelligence Competitive Professional Skills - III Comprehension Professional Elective – 3 Professional Elective – 4 Open Elective – 2	Hou L 3 3 3 0 0 0 3 3	0 Irs/ V T 0 0 0 0	0 Veek P 2 2 2 2 0 0	CC 44 44 11 11 33 3
18MAB302T 18CSC301T 18CSC302J 18CSC306L 18CSP101L 18CSP102L	Semester - V Course Title Discrete Mathematics for Engineers Formal Language and Automata Computer Networks Competitive Professional Skills - II Professional Elective - 1 Professional Elective - 2 Open Elective - 1 Massive Open Online Course - I Industrial Training-I	Hotel L 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	T 1 0 0 0 0 0	P 0 0 2 2 0 0	C 4 3 4 1 3 3 3 3 3 3	18CYM101T Code 18CSC303J 18CSC305J 18CSC307L 18CSC350T	Environmental Science Total Learning Credit Semester - VI Course Title Database Management Systems Compiler Design Artificial Intelligence Competitive Professional Skills - III Comprehension Professional Elective – 3 Professional Elective – 4 Open Elective – 2 Massive Open Online Course - II	Hou L 3 3 3 0 0 0 3 3 3 3	0 T 0 0 0 0 0 1 1 0 0	0 Veek P 2 2 2 2 0 0	C 4 4 4 1 1 1 3 3 3 3
18MAB302T 18CSC301T 18CSC302J 18CSC306L 18CSP101L 18CSP102L 18CSP103L	Semester - V Course Title Discrete Mathematics for Engineers Formal Language and Automata Computer Networks Competitive Professional Skills - II Professional Elective – 1 Professional Elective – 2 Open Elective – 1 Massive Open Online Course - I Industrial Training-I Seminar - I	Hot L 3 3 3 3 3 3 3 3 3 3 0 0	T 1 0 0 0 0 0 0 0 0 0 0 0	P 0 0 2 2 0 0 0	C 4 3 4 1 3 3 3 3 1	18CYM101T Code 18CSC303J 18CSC304J 18CSC307L 18CSC350T 18CSC9704L 18CSP104L 18CSP105L	Environmental Science Total Learning Credit Semester - VI Course Title Database Management Systems Compiler Design Artificial Intelligence Competitive Professional Skills - III Comprehension Professional Elective – 3 Professional Elective – 4 Open Elective – 2 Massive Open Online Course - II Industrial Training-II	Hou L 3 3 3 0 0 0 3 3	0 Irs/ V T 0 0 0 0	0 Veek P 2 2 2 2 0 0	CC 4 4 4 1 1 1 3 3 3 3 3 3
18MAB302T 18CSC301T 18CSC302J 18CSC306L 18CSP101L 18CSP101L 18CSP103L 18PDM301L	Semester - V Course Title Discrete Mathematics for Engineers Formal Language and Automata Computer Networks Competitive Professional Skills - II Professional Elective – 1 Professional Elective – 2 Open Elective – 1 Massive Open Online Course - I Industrial Training-I Seminar - I Analytical and Logical Thinking Skills	Hotel L 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	T 1 0 0 0 0 0	P 0 0 2 2 0 0	C 4 3 4 1 3 3 3 3 3 3	18CYM101T Code 18CSC303J 18CSC304J 18CSC307L 18CSC35DT 18CSP104L 18CSP105L 18CSP106L	Environmental Science Total Learning Credit Semester - VI Course Title Database Management Systems Compiler Design Artificial Intelligence Competitive Professional Skills - III Comprehension Professional Elective - 3 Professional Elective - 4 Open Elective - 2 Massive Open Online Course - II Industrial Training-II Seminar - II	Hou L 3 3 3 3 0 0 0 0 3 3 3 3 0 0 0 0 0 0 0	0 1rs/V T 0 0 0 0 0 0	0 Veek P 2 2 2 0 0 0 2	CC 44 44 11 11 33 33 31 1
18MAB302T 18CSC301T 18CSC302J 18CSC306L 18CSP101L 18CSP102L 18CSP103L 18PDM301L 18PDM302L	Semester - V Course Title Discrete Mathematics for Engineers Formal Language and Automata Computer Networks Competitive Professional Skills - II Professional Elective - 1 Professional Elective - 2 Open Elective - 1 Massive Open Online Course - I Industrial Training-I Seminar - I Analytical and Logical Thinking Skills Entrepreneurship Management	Hot L 3 3 3 3 3 3 3 3 3 3 0 0 0 0 0 0	T 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P 0 0 0 2 2 2 0 0 0 0 2 2 2 2 2 2 2 2 2	C 4 3 3 4 1 1 3 3 3 3 1 1	Code 18CSC303J 18CSC304J 18CSC305J 18CSC307L 18CSC350T 18CSP104L 18CSP106L 18CP106L	Environmental Science Total Learning Credit Semester - VI Course Title Database Management Systems Compiler Design Artificial Intelligence Competitive Professional Skills - III Comprehension Professional Elective - 3 Professional Elective - 4 Open Elective - 2 Massive Open Online Course - II Industrial Training-II Seminar - II Employability Skills and Practices	Hou L 3 3 3 3 0 0 0 0 3 3 3 3 0 0 0 0 0 0 0	0 ITS/ V T 0 0 0 0 1 0 0 0 0 0 0	0 Veek P 2 2 2 0 0 0 2 2	26 C 4 4 4 1 1 1 3 3 3 1
18MAB302T 18CSC301T 18CSC302J 18CSC306L 18CSP101L 18CSP102L 18CSP103L 18PDM301L 18PDM302L	Semester - V Course Title Discrete Mathematics for Engineers Formal Language and Automata Computer Networks Competitive Professional Skills - II Professional Elective – 1 Professional Elective – 2 Open Elective – 1 Massive Open Online Course - I Industrial Training-I Seminar - I Analytical and Logical Thinking Skills	Hou L 3 3 3 3 0 3 3 3 3 0 0	T 1 0 0 0 0 0 0 0 0 0 0 0	P 0 0 2 2 0 0 0	C 4 3 4 1 3 3 3 3 1	Code 18CSC303J 18CSC304J 18CSC305J 18CSC307L 18CSC350T 18CSP104L 18CSP106L 18CP106L	Environmental Science Total Learning Credit Semester - VI Course Title Database Management Systems Compiler Design Artificial Intelligence Competitive Professional Skills - III Comprehension Professional Elective - 3 Professional Elective - 4 Open Elective - 2 Massive Open Online Course - II Industrial Training-II Seminar - II	Hou L L 3 3 3 3 0 0 0 3 3 3 3 3 0 0 0 0 0 0 0 0	0 1rs/V T 0 0 0 0 0 0	0 Veek P 2 2 2 0 0 0 2	C 4 4 4
18MAB302T 18CSC301T 18CSC302J 18CSC306L 18CSP101L 18CSP102L 18CSP103L 18PDM301L 18PDM302L	Semester - V Course Title Discrete Mathematics for Engineers Formal Language and Automata Computer Networks Competitive Professional Skills - II Professional Elective - 1 Professional Elective - 2 Open Elective - 1 Massive Open Online Course - I Industrial Training-I Seminar - I Analytical and Logical Thinking Skills Entrepreneurship Management Indian Traditional Knowledge	Hot L 3 3 3 3 0 0 3 3 3 3 0 0 0 0 1 1 1 5 5	T 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P 0 0 0 2 2 2 0 0 0 0 2 2 2 2 2 2 2 2 2	C 4 3 3 4 1 1 3 3 3 3 1 1 0 0 0	Code 18CSC303J 18CSC304J 18CSC305J 18CSC307L 18CSC350T 18CSP104L 18CSP106L 18CP106L	Environmental Science Total Learning Credit Semester - VI Course Title Database Management Systems Compiler Design Artificial Intelligence Competitive Professional Skills - III Comprehension Professional Elective – 3 Professional Elective – 4 Open Elective – 2 Massive Open Online Course - II Industrial Training-II Seminar - II Employability Skills and Practices Indian Art Form	Hou L L 3 3 3 3 0 0 0 3 3 3 3 3 0 0 0 0 0 0 0 0	0 ITS/ V T 0 0 0 0 1 0 0 0 0 0 0	0 Veek P 2 2 2 0 0 0 2 2	26 C 4 4 4 1 1 1 3 3 3 3 1
18MAB302T 18CSC301T 18CSC302J 18CSC306L 18CSP101L 18CSP102L 18CSP103L 18PDM301L 18PDM302L	Semester - V Course Title Discrete Mathematics for Engineers Formal Language and Automata Computer Networks Competitive Professional Skills - II Professional Elective – 1 Professional Elective – 2 Open Elective – 1 Massive Open Online Course - I Industrial Training-I Seminar - I Analytical and Logical Thinking Skills Entrepreneurship Management Indian Traditional Knowledge Total Learning Credit	Hot L 3 3 3 3 0 0 3 3 3 3 0 0 0 0 1 1 1 5 5	T 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P 0 0 0 2 2 2 0 0 0 0 2 2 2 2 2 2 2 2 2	C 4 3 3 4 1 1 3 3 3 3 1 1 0 0 0	Code 18CSC303J 18CSC304J 18CSC305J 18CSC307L 18CSC350T 18CSP104L 18CSP106L 18CP106L	Environmental Science Total Learning Credit Semester - VI Course Title Database Management Systems Compiler Design Artificial Intelligence Competitive Professional Skills - III Comprehension Professional Elective - 3 Professional Elective - 4 Open Elective - 2 Massive Open Online Course - II Industrial Training-II Seminar - II Employability Skills and Practices Indian Art Form Total Learning Credit	Hou L L 3 3 3 3 0 0 0 3 3 3 3 3 0 0 0 0 0 0 0 0	0 ITS/ V T 0 0 0 0 1 0 0 0 0 0 0	0 Veek P 2 2 2 0 0 0 2 2	26 C 4 4 4 1 1 1 3 3 3 3 1
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18MAB302T 18CSC301T 18CSC302J 18CSC306L 18CSP101L 18CSP102L 18CSP103L 18CPM301L 18PDM301L 18PDM301L 18LEM109T	Semester - V Course Title Discrete Mathematics for Engineers Formal Language and Automata Computer Networks Competitive Professional Skills - II Professional Elective - 1 Professional Elective - 2 Open Elective - 1 Massive Open Online Course - I Industrial Training-I Seminar - I Analytical and Logical Thinking Skills Entrepreneurship Management Indian Traditional Knowledge Total Learning Credit Semester - VII Course Title	Hotel L 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	0 0 0 0 0 0 0 0	P 0 0 0 2 2 0 0 0 0 2 2 2 0 0 0 0 0 0 0	C 4 3 3 4 1 1 3 3 3 3 1 1 0 0 0 22	18CYM101T Code 18CSC303J 18CSC305J 18CSC307L 18CSC350T 18CSP104L 18CSP105L 18CSP105L 18CSP106L 18PDH201T 18LEM110L Code	Environmental Science Total Learning Credit Semester - VI Course Title Database Management Systems Compiler Design Artificial Intelligence Competitive Professional Skills - III Comprehension Professional Elective - 3 Professional Elective - 4 Open Elective - 2 Massive Open Online Course - II Industrial Training-II Seminar - II Course Title	Hou L 3 3 3 3 0 0 0 0 3 3 3 3 0 0 0 0 0 0 0	0 Irs/V T 0 0 0 0 0 0 0 0	0 Veek P 2 2 2 0 0 0 2 2 2 2 Veek	26 4 4 4 1 1 1 3 3 3 3 1
18MAB302T 18CSC301T 18CSC302J 18CSC306L 18CSP101L 18CSP102L 18CSP103L 18CSP103L 18PDM301L 18PDM301L 18LEM109T	Semester - V Course Title Discrete Mathematics for Engineers Formal Language and Automata Computer Networks Competitive Professional Skills - II Professional Elective - 1 Professional Elective - 2 Open Elective - 1 Massive Open Online Course - I Industrial Training-I Seminar - I Analytical and Logical Thinking Skills Entrepreneurship Management Indian Traditional Knowledge Total Learning Credit Semester - VII Course Title Professional Elective - 5	Hotel L 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	0 0 0 0 0 0 0 0 0	P 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C 4 4 3 4 1 1 3 3 3 3 1 1 0 0 0 22 C C 3	18CYM101T Code 18CSC303J 18CSC305J 18CSC307L 18CSC350T 18CSP106L 18CSP106L 18PDH201T 18LEM110L Code 18CSP109L	Environmental Science Total Learning Credit Semester - VI Course Title Database Management Systems Compiler Design Artificial Intelligence Competitive Professional Skills - III Comprehension Professional Elective – 3 Professional Elective – 4 Open Elective – 2 Massive Open Online Course - II Industrial Training-II Seminar - II Employability Skills and Practices Indian Art Form Total Learning Credit Semester - VIII Course Title Project	Hou	0 Irs/ V 0 0 0 0 0 0 0 0 T T T T T T T T T T T	0 Veek P 2 2 2 0 0 0 2 2 2 2 Veek	26 C 4 4 4 4 1 1 1 3 3 3 3 1 1 0 2 5
18MAB302T 18CSC301T 18CSC302J 18CSC306L 18CSP101L 18CSP102L 18CSP103L 18PDM301L 18PDM302L 18LEM109T	Semester - V Course Title Discrete Mathematics for Engineers Formal Language and Automata Computer Networks Competitive Professional Skills - II Professional Elective - 1 Professional Elective - 2 Open Elective - 1 Massive Open Online Course - I Industrial Training-I Seminar - I Analytical and Logical Thinking Skills Entrepreneurship Management Indian Traditional Knowledge Total Learning Credit Semester - VII Course Title Professional Elective - 5 Professional Elective - 6	Hot L 3 3 3 3 0 0 1 1 s s	0 0 0 0 0 0 0 0 0 0 0 0 0	P 0 0 0 2 2 2 0 0 0 0 2 2 0 0 0 0 0 0 0	C 4 4 3 4 1 1 3 3 3 3 1 1 0 0 0 22 C C 3 3 3	18CYM101T Code 18CSC303J 18CSC305J 18CSC307L 18CSC350T 18CSP104L 18CSP105L 18CSP105L 18CSP106L 18PDH201T 18LEM110L Code	Environmental Science Total Learning Credit Semester - VI Course Title Database Management Systems Compiler Design Artificial Intelligence Competitive Professional Skills - III Comprehension Professional Elective – 3 Professional Elective – 4 Open Elective – 2 Massive Open Online Course - II Industrial Training-II Seminar - II Employability Skills and Practices Indian Art Form Total Learning Credit Semester - VIII Course Title Project	Hou L 3 3 3 3 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 Irs/ V 0 0 0 0 0 0 0 0 T T T T T T T T T T T	0 Veek P 2 2 2 2 0 0 0 0 0 2 2 2	200 C 44 44 11 11 33 33 33 11 10 00 25
18MAB302T 18CSC301T 18CSC302J 18CSC306L 18CSP101L 18CSP102L 18CSP103L 18PDM301L 18PDM302L 18LEM109T	Semester - V Course Title Discrete Mathematics for Engineers Formal Language and Automata Computer Networks Competitive Professional Skills - II Professional Elective - 1 Professional Elective - 2 Open Elective - 1 Massive Open Online Course - I Industrial Training-I Seminar - I Analytical and Logical Thinking Skills Entrepreneurship Management Indian Traditional Knowledge Total Learning Credit Semester - VII Course Title Professional Elective - 5 Professional Elective - 6 Open Elective - 3	Hotel L 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	0 0 0 0 0 0 0 0 0	P 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C 4 4 3 4 1 1 3 3 3 3 1 1 0 0 0 22 C C 3	18CYM101T Code 18CSC303J 18CSC305J 18CSC307L 18CSC350T 18CSP106L 18CSP106L 18PDH201T 18LEM110L Code 18CSP109L	Environmental Science Total Learning Credit Semester - VI Course Title Database Management Systems Compiler Design Artificial Intelligence Competitive Professional Skills - III Comprehension Professional Elective – 3 Professional Elective – 4 Open Elective – 2 Massive Open Online Course - II Industrial Training-II Seminar - II Employability Skills and Practices Indian Art Form Total Learning Credit Semester - VIII Course Title Project	Hou L 3 3 3 3 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	0 Veek P 2 2 2 2 0 0 0 0 0 2 2 2	CC 44 44 44 11 11 11 11 11 11 11 11 11 11
18MAB302T 18CSC301T 18CSC302J 18CSC306L 18CSP101L 18CSP102L 18CSP102L 18CSP103L 18PDM301L 18PDM301L 18PDM301L 18PDM301L	Semester - V Course Title Discrete Mathematics for Engineers Formal Language and Automata Computer Networks Competitive Professional Skills - II Professional Elective - 1 Professional Elective - 2 Open Elective - 1 Massive Open Online Course - I Industrial Training-I Seminar - I Analytical and Logical Thinking Skills Entrepreneurship Management Indian Traditional Knowledge Total Learning Credit Semester - VII Course Title Professional Elective - 5 Professional Elective - 6 Open Elective - 3 Minor Project	Hot L 3 3 3 3 0 0 1 1 s s	0 0 0 0 0 0 0 0 0 0 0 0 0	P 0 0 0 2 2 2 0 0 0 0 2 2 0 0 0 0 0 0 0	C 4 4 3 4 1 1 3 3 3 3 1 1 0 0 0 22 C C 3 3 3	18CYM101T Code 18CSC303J 18CSC305J 18CSC307L 18CSC350T 18CSP106L 18CSP106L 18PDH201T 18LEM110L Code 18CSP109L	Environmental Science Total Learning Credit Semester - VI Course Title Database Management Systems Compiler Design Artificial Intelligence Competitive Professional Skills - III Comprehension Professional Elective – 3 Professional Elective – 4 Open Elective – 2 Massive Open Online Course - II Industrial Training-II Seminar - II Employability Skills and Practices Indian Art Form Total Learning Credit Semester - VIII Course Title Project	Hou L 3 3 3 3 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	0 Veek P 2 2 2 2 0 0 0 0 0 2 2 2	20 CC 44 44 44 11 13 33 33 33 11 11 CC
18MAB302T 18CSC301T 18CSC302J 18CSC306L 18CSP101L 8CSP102L 18CSP102L 18CSP103L 18PDM301L 18PDM301L 18PDM301L 18PDM301L	Semester - V Course Title Discrete Mathematics for Engineers Formal Language and Automata Computer Networks Competitive Professional Skills - II Professional Elective - 1 Professional Elective - 2 Open Elective - 1 Massive Open Online Course - I Industrial Training-I Seminar - I Analytical and Logical Thinking Skills Entrepreneurship Management Indian Traditional Knowledge Total Learning Credit Semester - VII Course Title Professional Elective - 5 Professional Elective - 6 Open Elective - 3 Minor Project Internship (4-6 weeks)	Hot L 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C 4 3 4 4 1 1 3 3 3 3 1 1 0 0 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2	18CYM101T Code 18CSC303J 18CSC305J 18CSC307L 18CSC350T 18CSP106L 18CSP106L 18PDH201T 18LEM110L Code 18CSP109L	Environmental Science Total Learning Credit Semester - VI Course Title Database Management Systems Compiler Design Artificial Intelligence Competitive Professional Skills - III Comprehension Professional Elective – 3 Professional Elective – 4 Open Elective – 2 Massive Open Online Course - II Industrial Training-II Seminar - II Employability Skills and Practices Indian Art Form Total Learning Credit Semester - VIII Course Title Project	Hou L 3 3 3 3 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	0 Veek P 2 2 2 2 0 0 0 0 0 2 2 2	20 CC 44 44 44 11 13 33 33 33 11 11 CC
18MAB302T 18CSC301T 18CSC302J 18CSC306L 18CSP101L 8CSP102L 18CSP102L 18CSP103L 18PDM301L 18PDM301L 18PDM301L 18PDM301L	Semester - V Course Title Discrete Mathematics for Engineers Formal Language and Automata Computer Networks Competitive Professional Skills - II Professional Elective - 1 Professional Elective - 2 Open Elective - 1 Massive Open Online Course - I Industrial Training-I Seminar - I Analytical and Logical Thinking Skills Entrepreneurship Management Indian Traditional Knowledge Total Learning Credit Semester - VII Course Title Professional Elective - 5 Professional Elective - 6 Open Elective - 3 Minor Project	Hot L 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C 4 3 3 4 1 1 3 3 3 3 1 1 0 0 0 22 2 2 2 2 2 2 2 2 2 2 2 2 2	18CYM101T Code 18CSC303J 18CSC305J 18CSC307L 18CSC350T 18CSP106L 18CSP106L 18PDH201T 18LEM110L Code 18CSP109L	Environmental Science Total Learning Credit Semester - VI Course Title Database Management Systems Compiler Design Artificial Intelligence Competitive Professional Skills - III Comprehension Professional Elective – 3 Professional Elective – 4 Open Elective – 2 Massive Open Online Course - II Industrial Training-II Seminar - II Employability Skills and Practices Indian Art Form Total Learning Credit Semester - VIII Course Title Project	Hou L L 3 3 3 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	0 Veek P 2 2 2 2 0 0 0 0 0 2 2 2	20 CC 44 44 44 11 13 33 33 33 11 11 CC