PG Diploma (Specialization offered in Data Science and Cyber Security & Forensics)

Sem	Subject 1	Subject 2	Subject 3	Subject 4	Subject 5	Subject 6	L	T	P	Weekly Contact Hours	Credits
I	CSL501 Mathematical Foundations of Computer Science 3-0-0 (3)	CSL535 Advanced Data Structure 3-0-2 (4)	PE-1 2-0-4 (4)	PE-2 2-0-4 (4)	CSC501 Seminar 0-0-4 (2)	CSS501 Community Service (CS)	10	0	14	24	17
II	CSL502 Advanced Algorithms 3-0-2 (4)	CSL515 Soft Computing 3-0-2 (4)	PE-3 2-0-4 (4)	PE-4 2-0-4 (4)	CSD501 Minor Project (5)	CSS502 Community Service (CS) (140Hrs** 2 Credits)	10	0	22	12	23
Summer	Skill based course (3)	Industrial Internship (7)					0	0	0	0	10
EXIT OPTION: PG DIPLOMA; CREDITS = 50											50

*PE – Programme Elective * OE – Open Elective
**Students can utilize the summer/winter break period to complete the remaining 140 Community Service hours every year

M.Tech. Computer Science and Engineering (Full Time)
(Specialization offered in Data Science and Cyber Security and Forensics)

Sem	Subject 1	Subject 2	Subject 3	Subject 4	Subject 5	Subject 6	L	T	P	Weekly Contact Hours	Credits
I	CSL501 Mathematical Foundations of Computer Science 3-0-0 (3)	CSL535 Advanced Data Structure 3-0-2 (4)	PE-1 2-0-4 (4)	PE-2 2-0-4 (4)	CSC501 Seminar 0-0-4 (2)	CSS501 Community Service (CS)	10	0	14	24	17
II	CSL502 Advanced Algorithms 3-0-2 (4)	CSL515 Soft Computing 3-0-2 (4)	PE-3 2-0-4 (4)	PE-4 2-0-4 (4)	CSD501 Minor Project (5)	CSS502 Community Service (CS) (140Hrs** 2 Credits)	10	0	22	12	23
III	OE 2-0-2 (3)	MAL616 Research Methodology 2-1-0 (3)	PE-5 2-0-4 (4)	CSD601 Dissertation-I 0-0-12 (6)		CSS601 Community Service (CS)	6	1	18	6	16
IV	CSD602 Dissertation-II 0-0-24 (12)		-	-	-	CSS602 Community Service (CS) (2)	0	0	24	--	14
TOTAL CREDITS OF THE M.TECH DEGREE PROGRAMME =											70

*PE – Programme Elective * OE – Open Elective

**Students can utilize the summer/winter break period to complete the remaining 140 Community Service hours every year

M.Tech. Computer Science and Engineering (Part-Time)
(Specialization offered in Data Science and Cyber Security and Forensics)

Sem	Subject 1	Subject 2	Subject 3	Subject 4	L	T	P	Weekly Contact Hours	Credits
I	CSL501 Mathematical Foundations of Computer Science 3-0-0 (3)	CSL535 Advanced Data Structure 3-0-2 (4)	PE-1 2-0-4 (4)	CSS501 Community Service (CS)	8	0	6	14	11
II	CSL502 Advanced Algorithms 3-0-2 (4)	CSL515 Soft Computing 3-0-2 (4)	PE-2 2-0-4 (4)	CSS502 Community Service (CS) (140Hrs 2 Credits)	8	0	8	16	14
III	OE 2-0-2 (3)	MAL616 Research Methodology 2-1-0 (3)	PE-3 2-0-4 (4)	CSS601 Community Service (CS)	6	1	6	07	10
IV	PE-4 2-0-4 (4)	PE-5 2-0-4 (4)	CSD501 Minor Project (5)	CSS602 Community Service (CS) (140Hrs 2 Credits)	4	0	8	12	15
V	CSD601 Dissertation-I 0-0-12 (6)	CSC501 Seminar 0-0-4 (2)			0	0	16	--	8
VI	CSD602 Dissertation-II 0-0-24 (12)				0	0	24	--	12
TOTAL CREDITS OF THE M.TECH DEGREE PROGRAMME =									70

*PE – Programme Elective * OE – Open Elective
**Students can utilize the summer/winter break period to complete the remaining 140 Community Service hours every year