7. Programme Structure- B.Sc in Defense and Strategic Studies

1. Professional Core Courses (C)
(24 Courses)

Course Code	Course Title	L	T	P	C
USA20101J	Programming for Problem Solving	4	0	4	6
USA20102J	Digital Logic Fundamentals	4	0	2	5
USA20201J	Object Oriented Programming	4	0	4	6
USA20202J	Data Structures and Algorithms	4	0	2	5
USA20301J	Programming in Java	4	0	4	6
USA20302J	Operating Systems	4	0	4	6
UCA20401J	Windows Programming using VB.NET	4	0	4	6
USA20401J	Database Systems	4	0	4	6
UMS20402T	Resource Management Techniques	4	0	0	4
USA20501J	Web Programming	4	0	4	6
USA20502J	Computer Networks	4	0	2	5
USA20503J	Software Engineering and Testing	4	0	2	5
USA20601J	Python Programming	4	0	4	6
Total Learning Credits					**72**

2. Discipline Specific Elective Courses (D)
(5 Courses)

Course Code	Course Title	L	T	P	C
UCA20D01J	Web development using Node JS and Mongo	4	0	4	6
UCA20D02J	Web development using React JS and Mongo				
UCA20D03J	Web development using Angular JS and Mongo				
UCA20D04J	Multimedia and Animation	4	0	4	6
UCA20D05J	Data Analysis using R				
UCA20D06J	Artificial Intelligence				
UCA20D07J	Multimedia Design Principles and Applications	4	0	4	6
UCA20D08J	Object Oriented Analysis and Design				
UCA20D09J	Internet of Things				
UCA20D10J	Project Work	0	2	12	6
Total Learning Credits					**24**

3. Generic Elective Courses (G)
(5 Courses)

Course Code	Course Title	L	T	P	C
ULT20G01J	Tamil-I				
ULH20G01J	Hindi-I	2	0	2	3
ULF20G01J	French-I				
ULT20G01J	Tamil-II				
ULH20G01J	Hindi-II	2	0	2	3
ULF20G01J	French –II				
UMS20G01T	Discrete Mathematical Structures	3	1	0	4
UMS20G02T	Mathematical Foundation	3	1	0	4
UMS20G03T	Statistical Methods	3	1	0	4
Total Learning Credits					**18**

4. Ability Enhancement Courses (AE)
(3 Courses)

Course Code	Course Title	L	T	P	C
ULE20AE1T	English	4	0	0	4
UES20AE1T	Environmental Studies	3	0	0	3
Total Learning Credits					**7**

6. Extension Activity (NS/NC/NO/YG)
(Any 1 Course)

Course Code	Course Title	L	T	P	C
UNS20201L	NSS				
UNC20201L	NCC	0	0	0	0
UNO20201L	NSO				
UYG20201L	YOGA				
Total Learning Credits					**0**

5. Skill Enhancement Courses(S)
(6 Courses+ My India Project)

Course Code	Course Title	L	T	P	C
UCA20S01T	Introduction to IT	2	0	0	2
UCA20S02J	Go Programming	1	0	1	2
UCA20S03L	Lua Programming	0	0	2	1
UCA20S04L	Statistical Package for Social Sciences	0	0	2	1
UMI20S01L	My India Project	0	0	0	1
UCD20S01L	Soft Skills	0	0	2	1
UCD20S02L	Quantitative Aptitude and Reasoning	0	0	2	1
Total Learning Credits					**15**

7. Life Skill Courses (JK)
(4 Courses)

Course Code	Course Title	L	T	P	C
UJK20201L	Communication Skills	0	0	4	2
UJK20301T	Universal Human Values	2	0	0	2
UJK20401T	Professional Skills	2	0	0	2
UJK20501T	Leadership and Management Skills	2	0	0	2
Total Learning Credits					**8**

Total Learning Credits : 138

As SRMIST strongly encourages the use of SWAYAM (Study Web of Active Learning by Learning by Young and Aspiring Minds) platform, the students are encouraged to choose at least one core/ elective course from SWAYAM on the recommendation of the faculty advisor and the credits will be transferred