



SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY NANDED
SUB-CENTRE LATUR
SCHOOL OF TECHNOLOGY

Course Structure: M.Sc. Computer Science

Duration: 02 Years

Semester	Course Code	Theory / Lab Papers	Credits
First Year			
First Semester	CS1 -1	1) Introduction to Information Technology	4
	CS1-2	2) Network Essentials	4
	CS1-3	3) Software Engineering	4
	CS1-4	4) Computational Mathematics	4
	CS1-5	5) Lab- 1	4
	CS1-6	6) Lab-2	4
			24
Second Semester	CS2-1	7) Advances in DBMS	4
	CS2-2	8) Data Structure, Analysis of Algorithms	4
	CS2-3	9) Internet and Web Development Technologies – I(Development using Internet Platforms , Java)	4
	CS2-4	10) Artificial Intelligence	4
	CS2-5	11) Lab – 3	4
	CS2-6	12) Lab -4	4
			24
Second Year			
	CS3-1	13) Distributed Computing and Web Commerce	4

	CS3-2	14) Internet and Web Development Technologies – II (Development using Internet Platforms , Java bins , Servlets)	4
Third Semester	CS3-3	15) GIS – I	4
	CS3-4	16) RS-I	4
	CS3-5	17) Lab – 5	4
	CS3-6	18) Lab -6	4
			24
Fourth Semester	CS4-1	Developments	4
	CS4-2	20) RS- II	4
	CS4-3	21) GIS- II	4
	CS4-4	22) Elective : a) Data warehousing and Data Mining b) Wireless and Mobile Computing c) Soft Computing	4
	CS4-5	23) Lab -7	4
	CS4-6	24) Lab -8 (Seminar and Dissertation)	8
			28

Total Credits Semester 1 + Semester 2 + Semester 3 + Semester 4 = 100

* STUDENTS ARE SUPPOSED TO CONDUCT EXPERIMENTAL OR COMPUTER BASED PROJECT WORK AT DIFFERENT INSTITUTES UNDER EXTERNAL AS WELL AS INTERNAL SUPERVISORS.