



**DEENBANDHU CHHOTU RAM UNIVERSITY OF SCIENCE & TECHNOLOGY, MURTHAL,
SONEPAT, HARYANA-131039**

**APPARATUS / SOFTWARES FOR M. Tech. in Computer Science and Engineering
(2 Years)**

	INFRASTRUCTURE	REQUIRED	AVAILABLE	DEFICIENCY
List of Labs / Equipments / Softwares				
S. No.	Name of Equipments / Softwares	Quantity		
1st Year Labs: Software Verification, Validation & Testing lab, Advanced Data Structures and algorithms lab, Mobile Computing Networks lab, Advances in Database Technology lab.				
Name of the lab: CSE-521B: Software Verification, Validation & Testing				
1.	Desktop Computers	18		
2.	Rational Seed for quality	For 18 user		
3.	Turbo C/GCC Compiler	18 user license		
Name of the lab: CSE-523B: Advanced Algorithms labs				
4.	Desktop Computers	18		
5.	Turbo C/GCC Compiler	18 user license		
Name of the lab: CSE-524B: COMPUTATIONAL INTELLIGENCE LAB				
6.	Desktop Computers	18		
7.	MATLAB	For 18 user		
Name of the lab: CSE-572B: Software Design & Construction lab*				
8.	Desktop Computers	18		
9.	Turbo C/GCC Compiler	18 user license		
Name of the lab: CSE-574B: Mobile Computing Lab*				
10.	Desktop Computers	18		
11.	Network Simulator (either open source like NS2, Glomosim, or any licensed one, later on hardware equipments like sensor nodes may also be added)			
12.	Wi-Fi network of the institute may also be utilized for the same			
Name of the lab: CSE-576B: DIGITAL IMAGE ANALYSIS LAB*				
13.	Desktop Computers	18		
14.	MATLAB	For 18 user		
Name of the lab: CSE-578B: ADVANCED DATABASE MANAGEMENT SYSTEMS LAB*				
15.	Desktop Computers	18		
16.	DBMS Software (MySQL/Oracle/SQL Server)	18 user license		
2nd Year Labs: Seminar Room, Dissertation Phase-I lab, Dissertation lab				
Name of the lab: CSE671B: SOFTWARE PROJECT MANAGEMENT LAB**				
17.	Desktop Computers	18		
18.	Rational Rose	For 18 user		
Name of the lab: CSE673B AD HOC AND SENSOR NETWORKS LAB**				
19.	Desktop Computers	18		
20.	Network Simulator (either open source like NS2, Glomosim, or any licensed one, later on hardware equipments like sensor nodes may also be added)			
21.	Wi-Fi network of the institute may also be utilized for the same			
Name of the lab: CSE675B DATA MINING LAB**				
22.	Desktop Computers	18		
23.	WEKA/RAPIDMINER/SAS etc.	For 18 user		
Name of the lab: CSE677B CRYPTOGRAPHY AND NETWORK SECURITY LAB**				
24.	Desktop Computers	18		
25.	MATLAB	For 18 user		
Name of the lab: CSE679B DATA ANALYTICS AND APPLICATIONS LAB**				
26.	Desktop Computers	18		
27.	WEKA/RAPIDMINER/SRS etc.	For 18 user		
Name of the lab / Seminar: CSE635B SEMINAR				
28.	Desktop Computers	01		
29.	Latest multimedia equipment (LCD Projector, mike, etc.)	01 set		
Name of the lab: CSE633B DISSERTATION PHASE – I				
30.	Desktop Computers	18		

31.	Open source software (as per the requirements of the students)			
Name of the lab: CSE602B DISSERTATION				
32.	Desktop Computers	18		
33.	Open source software (as per the requirements of the students)			

Note: -1.* and ** are optional subjects lab. The Requirement may vary as per the actual number of students opt the subjects.

2. Dissertation Phase-I and Detestation Labs may be kept in the same space (being in different semesters)

Certified by the Director-Principal

No change is required