

S.No.	Name of the Laboratory	No. of Systems	Name of the Important equipment	Weekly utilization status (all the courses for which the lab is utilized)	Area in Sq.mts
1.	Data Science Laboratory (Room No.: A-102)	36	<p>Configuration: Intel Core i7-10700@2.9GHz, DDR4 RAM 8GB, HDD SATA 1TB. Softwares: Windows 10 Prof, Python, MS Office, Weka Server Configuration: Intel Xeon Hexa Core @1.5GHz, HDD SATA 2TB HDD. Softwares: Windows 2012 Server, Moodles. (Utilized to Conduct examinations, Assignment tests through Moodle.)</p>	8 sessions @ 3 hrs Each Courses: Machine Learning Using Python Lab Course Based Projects	116.36Sq.mts
2.	Object Oriented Programming Laboratory (Room No.: A-108)	36	<p>Configuration: Intel Core i7-8700@3.20.GHz, DDR4 RAM 8GB, HDD SATA 1TB. Softwares: Windows 10 Prof, Code blocks, Dev C++, Turbo C++, JDK.</p>	8 sessions @ 3 hrs Each Courses: OOP through C++ Lab Java Programming Lab Course Based Projects	66Sq.mts

3.	Data Base Management Systems Laboratory (Room No.: A-109)	36	<p>Configuration: Intel Core i7/i5 - 8700@3.20.GHz, DDR4 RAM 8GB, HDD SATA 1TB.</p> <p>Softwares: Windows 10 Prof, Oracle 11g, MySQL.</p> <p>Server Configuration: Intel Xeon OctaCore@1.7GHz,16GB DDR4 RAM, HDD SATA 1TB.</p> <p>Softwares: Windows Server 2019 Standard, Oracle 11g (Utilized to conduct academic lab DBMS.)</p>	8 sessions @ 3 hrs Each Courses: DBMS Lab Course Based Projects	66Sq.mts
4.	Data mining & analytics Laboratory (Room No.: A-110)	36	<p>Configuration: Intel Core i7 8700@3.20GHz/10700@2.9GHz, DDR4 RAM 8GB, HDD SATA 1TB.</p> <p>Softwares: Windows 10 Prof, Oracle11g, MySQL, Weka, Python, JDK</p>	8 sessions @ 3 hrs Each Courses: Data Mining Lab Course Based Projects	66 Sq.mts
5.	Python Programming Laboratory (Room No.: B-314)	36	<p>Configuration: Intel Core i3-7100@3.9.GHz, DDR4 RAM 8GB, HDD SATA 1TB.</p> <p>Softwares: Windows 10 Prof, Python, JDK.</p> <p>GPU Configuration: Intel Core i7 9700, 16GB DDR4 RAM, nVIDIA 2060 Super Graphics Card, 240 GB SSD,1TB SATA HDD,</p> <p>Softwares: Windows 10 Prof, Cuda Support</p>	8 sessions @ 3 hrs Each Courses: Python Programming lab Course Based Projects	72.71 Sq.mts
6.	Big Data Analytics Laboratory (Room No.:	36	<p>Configuration: Intel Core i3-7100@3.9.GHz, DDR4 RAM 8GB, HDD SATA 1TB.</p>	4 sessions @ 3 hrs Each Courses:	72.71 Sq.mts

	B-315)		Softwares: Windows 10 Prof, Cloudera(Cent OS), Hadoop, Pig, Hive, Sqoop.	Big Data Analytics Lab Course Based Projects	
7.	Web Technologies Laboratory (Room No.: B-316)	36	Configuration: Intel Core i3-7100@3.9.GHz, DDR4 RAM 8GB, HDD SATA 1TB. Softwares: Windows 10 Prof, Apache Tomcat, java, HTML, XML	6 sessions @ 3 hrs Each Courses: Web Technologies Lab Course Based Projects	72.71 Sq.mts
8.	Network Security Laboratory (Room No.: B-317)	36	Configuration: Intel Core i3-7100@3.9.GHz, DDR4 RAM 8GB, HDD SATA 1TB. Softwares: Windows 10 Prof, Turbo C++, Code blocks, NS3	4 sessions @ 3 hrs Each Courses: Computer Networks Lab Course Based Projects	72.71 Sq.mts
9.	Basic Programming and Data Structures Laboratory (Room No.: P-403)	36	Configuration: Intel Core i7-10700@2.9GHz, DDR4 RAM 8GB, HDD SATA 1TB. Softwares: Windows 10 Prof, JDK, Turbo C++, Code blocks.	8 sessions @ 3 hrs Each Courses: C Programming Lab Data Structures Lab Course Based Projects	76.9 Sq.mts
10.	Operating Systems Laboratory (Room No.: P-404)	36	Configuration: Intel Core i7-10700@2.9GHz, DDR4 RAM 8GB, HDD SATA 1TB. Softwares: Windows 10 Prof, Ubuntu, NS3 Tool, Code blocks, Turbo C++.	8 sessions @ 3 hrs Each Courses: Operating System Lab Course Based	76.9Sq.mts

				Projects	
11.	Software Engineering Laboratory (Room No.: P-410)	36	<p>Configuration: Intel Core i7-10700@2.9GHz, DDR4 RAM 8GB, HDD SATA 1TB.</p> <p>Softwares: Windows 10 Prof, IBM RASD, Oracle 11g, Code blocks, Turbo++.</p> <p>Server Configuration: Intel Xeon Octa Core E2378G@2.80GHz, 32GB DDR4 RAM, SATA 4TB HDD.</p> <p>Softwares: Windows 2012 Standard Server (RSAD Software Sharing Server , utilize to conduct academic lab Software Engineering)</p>	8 sessions @ 3 hrs Each Courses: Software Engineering Lab Course Based Projects	139.54Sq.mts
12.	Artificial Intelligence Laboratory (Room No.: A-111)	36	<p>Configuration: Intel Core i7-8700@3.2GHz/i5-6400@2.7GHz, DDR4 RAM 8GB, HDD SATA 1TB.</p> <p>Softwares: Windows 10 Prof, Python, Turbo C++, Code blocks, Dev C++.</p> <p>GPU Configuration: Intel Core i7 9700, 16GB DDR4 RAM, nVIDIA 2060 Super Graphics Card, 240 GB SSD,1TB SATA HDD,</p> <p>Softwares: Windows 10 Prof, Cuda Support</p>	4 sessions @ 3 hrs Each Courses: Artificial Intelligence Lab	66Sq.mts
13.	Software Design with UML Laboratory (Room No.: A-112)	36	<p>Configuration: Intel Core i7-8700@3.2 GHz, DDR4 RAM 8GB, HDD SATA 1TB.</p> <p>Softwares: Windows 10 Prof, RSAD, Python, Weka, Selenium, Bolt, V-Rep Edu, R-Studio, JDK, HTML, CSS.</p>	4 sessions @ 3 hrs Each Object Oriented Analysis and Design lab Course Based Projects	66Sq.mts

14.	Linux Programming Laboratory (Room No.: A-113)	36	<p>Configuration: Intel Core i7-8700@3.2GHz, DDR4 RAM 8GB, HDD SATA 1TB.</p> <p>Softwares: Windows 10 Prof/Ubuntu, Oracle 11g, Weka, Code blocks, Python, Cloud era (Cent OS, Hadoop, Pig, Hive, Sqoop).</p> <p>Server Configuration: Intel Xeon Octa Core E2378G@2.80GHz, 32GB DDR4 RAM, SATA 4TB HDD.</p> <p>Softwares: RedHat Enterprise Linux Server, ftp server.</p>	8 sessions @ 3 hrs Each Courses: Linux Programming Lab Course Based Projects	66 Sq.mts
15.	Compiler Design Laboratory (Room No.: A-114)	36	<p>Configuration: Intel Core i7-8700@3.2GHz, DDR4 RAM-8GB, HDD SATA 1TB.</p> <p>Softwares: Windows 10 Prof, Code blocks, TC++ 4.0, Visual Studio Code, PHP, MySQL.</p> <p>Server Configuration: Intel Xeon Octa Core@ 1.7GHz,16GB DDR4 RAM, HDD SATA 1TB.</p> <p>Softwares: RedHat Enterprise Linux Server, lex, flex, gcc.</p>	8 sessions @ 3 hrs Each Courses: Compiler Design Lab Course Based Projects	66 Sq.mts
16.	Software Testing Laboratory (Room No.: P-007)	23	<p>Configuration: Intel Core i5-6400@2.70GHz, DDR4 RAM 8GB, HDD SATA 1TB.</p> <p>Softwares: Windows 10 Prof, R-Studio, Selenium, IDE Eclipse, JDK, HTML</p>	4 sessions @ 3 hrs Each Courses: Software Quality Assurance Testing Lab Course Based Projects	66 Sq.mts
17.	Machine Learning	20	<p>Configuration: Intel Core i5-</p>	6 sessions @ 3 hrs	57Sq.mts

	Laboratory (Room No.: P-004)		6400@2.70GHz, DDR4 RAM 8GB, HDD SATA 1TB. Softwares: Windows 10 Prof, R-Studio, JDK, Cloudera(CentOS, Pig Hadoop, Hive, Sqoop)	Each Machine Learning Lab Course Based Projects	
--	--	--	--	---	--