LABS

Statement about the lab, their importance, need and advantages.

1. Name of different labs.
2. Table of labs with the relevant, details, semester-wise (odd/even).
3. Details of Lab staff is also included with in the lab hyperlink.

A prototype of the same is given as:

Sr. No	Name of the Laboratory	Number of students per set up(Batch Size)	Name of the Important Equipment	Weekly utilization status(all the courses for which the lab is utilized)	Technical Manpower Support		
					Name of the Technical staff	Designation	Qualification
1	DS/OS Lab (1st Floor)	30	Desktop Computer Systems, Projector	12 Hrs.	Mr. Mayank Chaurasia	Technical Support	BCA
2	Project (1st Floor)	60	Desktop Computer Systems, Projector	18 Hrs.	Mr. Suryakant Yadav	Technical Support	PGDCA
3	Discrete Structure/Python Language (Ground Floor)	30	Desktop Computer Systems, Projector	12 Hrs.	Mr. Suryakant Yadav	Technical Support	PGDCA
4	DBMS/CN Lab (1st Floor)	60	Desktop Computer Systems, Projector	6 Hrs.	Mr. Ashok Yadav	Technical Support	MCA
5	Computer Organization &Microprocessor Lab (2nd Floor)	30	Trainer Kit, IC, Breadboard	12 Hrs.	Mrs. Sunila Singh/ Mr. Sanjay Srivastava	Technical Support	B.Com, Diploma (Electronics)/ Diploma (Electronics)
6	Algo/Compiler Lab (3rd Floor)	30	Desktop Computer Systems, Projector	12 Hrs.	Mr. Mayank Chaurasia	Technical Support	BCA
7	Web Technologies/DMW lab (1st Floor)	30	Desktop Computer Systems, Projector	12 Hrs.	Mr. Rajat Pandey	Technical Support	BCA
8	C Lab (1st Floor)	30	Desktop Computer Systems, Projector	8 Hrs	Mr. Ashok Yadav	Technical Support	MCA
9	Software Engg. Lab/Data Analysis Lab	60	Desktop Computer Systems, Projector	6 Hrs.	Mr. Rajat Pandey	Technical Support	BCA

List of Labs in Department of Computer Science & Engineering, UIT

The department has project laboratories having 60 desktop systems. The students are allowed to make use of the available facilities even after their laboratories hours. Following software and simulator are available in labs:

1. Java SE Development Kit

2. Eclipse, Net beans

3. Apache Tomcat

4. My Sql

5. Android Studio

6. CloudSim

7. NS2

8. Octave

9. Virtual Box

10. Weka

11. Code blocks

12. J-Flap

13. Omnet + +

14. Peersim

15. Oversim

16. NS3

17. Visual StudioCode

18. Oracle

19. Maple

The above lab is effectively utilized by faculty and students.