



Government Polytechnic Lakhisarai

North of Vidyapeeth Chowk, Lakhisarai, Bihar - 811311

Department of Civil Engineering

SI NO.	Class Room	Carpet Area	Shared / Exclusive	Seating Capacity	Availability of Smart facilities	Weekly utilization
1	Room No:-118 (3rd Year)	96.21sqm	Exclusive	55	Smart Board & Marker, Green board , Chalk	6 Days
2	Room No:-117 (2rd Year)	96.68sqm	Exclusive	55	Green board , Chalk	6 Days
3	Room No:-225 (1rd Year)	92.32sqm	Exclusive	60	Green board , Chalk	6 Days
4	Conference Hall (Room No-119)	90.49sqm	Shared	50	Interactive Panel	Once in a Week
5	Departmental Library	20.24sqm	Exclusive		Notice board	6 Days
6	Faculty Room (Room No-120) (Sanjeevkumar)	10.5sqm	Exclusive	01	Notice board	6 Days
7	Faculty Room (Room No-121) (Prachigupta)	20.24sqm	Exclusive	02	Notice board	6 Days
8	Faculty Room (Room No-014) (Mithleshkumar)	20.67sqm	Shared	02	Notice board	6 Days



Government Polytechnic Lakhisarai

North of Vidyapeeth Chowk, Lakhisarai, Bihar - 811311

Department of Civil Engineering

SI NO	Location	Name of the Labs	Shared / Exclusive
1.	GROUND FLOOR (ROOM NO.006)	A. ENVIRONMENTAL ENGG. LAB S.O.M LAB	EXCLUSIVE
		B. TRANSPORTATION LAB , BCCM LAB , CONCRETE TECHNOLOGY LAB	
		C. HYDRAULIC LAB 1	
2.	GROUND FLOOR (ROOM NO.011)	A. HYDRAULIC LAB 2	EXCLUSIVE
		B. GEOTECHNICAL ENGG. LAB	
3.	GROUND FLOOR (ROOM NO.018)	S.O.M LAB	SHARED
4.	FIRST FLOOR (ROOM NO.115)	BUILDING PLANNING AND DRAWING WITH AUTOCAD LAB	EXCLUSIVE
5.	FIRST FLOOR (ROOM NO.116)	DRAWING HALL	EXCLUSIVE
6.	SECOND FLOOR (ROOM NO.214)	LANGUAGE LAB	EXCLUSIVE
7.	SECOND FLOOR (ROOM NO.221)	SURVEY LAB	EXCLUSIVE



Office of The Principal
Government Polytechnic Lakhisarai

¼North of Vidyapeeth Chowk Lakhisarai- 811311½

Email ID- gp.lakhi@gmail.com, Mob:--917974888700



बिहार सरकार

COMPUTING FACILITY

1. Institute Computing Facility

Particular		Details
Total Number of Computers	:-	232
Student Computers	:-	210
Faculty Computers	:-	19
Faculty Laptop	:-	15
Administrative Computers	:-	03
Computer Laboratories	:-	50
Licensed Software	:-	Available(MS Office, MATLAB, SolidWorks, etc.)
Internet Connectivity	:-	Broadband/Leased Line
Internet Bandwidth	:-	500 Mbps
Wi-Fi Facility	:-	Available in Academic Block & Campus
LAN Connectivity	:-	Available
Printers	:-	Available
Scanners	:-	Available
UPS Backup	:-	Available
Power Backup	:-	Generator/UPS



Office of The Principal
Government Polytechnic Lakhisarai

¼North of Vidyapeeth Chowk Lakhisarai- 811311½

Email ID- gp.lakhi@gmail.com, Mob:-+917974888700



बिहार सरकार

2. Department-wise Computing Facility

Sl No.	Laboratory	No. of Computers	Internet	Software Available
1	CAD Laboratory	30	YES	Solid Works, AutoCAD, ANSYS, CATIA.
2	Programming Laboratory	53	YES	Python, C, C++, MATLAB
3	Simulation Laboratory	03	YES	MATLAB
4	Language Lab	50	YES	English Communication Software, U Talk, Foreign Language.

3. Hardware Specification

Item	Specification
Processor	Intel Core i5/i7 (Latest Generation)
RAM	8 GB /16 GB
Storage	512 GB SSD /1 TB HDD
Monitor	21"/23" LED
Operating System	Windows 10/windows 11 Professional/Linux Ubuntu
Network	Gigabit LAN
Wi-Fi	Yes
Bluetooth Connectivity	Yes
Webcam	Yes
Chipset Series	Q670
Generation	11 th /12 th /13 th &14 th
Mouse	Yes
Keyboard	Yes
Integrated Graphics	Yes(4GB)



Office of The Principal
Government Polytechnic Lakhisarai

¼North of Vidyapeeth Chowk Lakhisarai- 811311½

Email ID- gp.lakhi@gmail.com, Mob: +917974888700



बिहार सरकार

4. Software Details (Licensed/Open Source)

Sl.No.	Software	Version	Types of Licenses	Purpose
1	AutoCAD	Latest	Open Source	Engineering Drawing
2	Solid Works	Latest	Licensed	Design
3	MATLAB	Latest	Licensed	Simulation
4	ANSYS	Latest	Open Source	Analysis
5	MS Office	Latest	Licensed	Documentation
6	Python	Latest	Open Source	Programming
7	C++	Latest	Open Source	Programming
8	GCC Compiler	Latest	Open Source	C/C++ Programming
9	Language Software (Communication Software)	Latest	Licensed	Language Lab
10	Antivirus software	Latest	Licensed	System Security

5. Internet Facility

Particulars	Deatails
ISP Name	BSNL. India
Bandwidth	500 Mbps
LAN Points	100
Wi-Fi Access Points	100
Firewall	Available
Antivirus	Available
Network Security	Firewall + Antivirus



Office of The Principal
Government Polytechnic Lakhisarai

¼North of Vidyapeeth Chowk Lakhisarai- 811311½

Email ID- gp.lakhi@gmail.com, Mob:--917974888700



6. Student Computing Ratio

Student Computer Ratio = Total Number of Students / Number of Student Computers

Example:

Total Students = 315

Student Computers = 210

Student Computer Ratio = $315 / 210 = 1.5 : 1$

7. Computing Facility Utilization

Purpose	Frequency
Regular Practical Classes	Daily
Online Assessment	As per Schedule
NPTEL/MOOCs	Throughout Semester
Project Work	Throughout Semester
Research Activities	As Required
Placement Training	Weekly

8. Maintenance Policy

- Preventive maintenance schedule followed.
- Antivirus updated regularly.
- Hardware servicing conducted periodically.
- Licensed software renewed as per validity.
- Daily data backup maintained.
- UPS and network devices checked periodically.
- Complaint register maintained for computing facilities.



Office of The Principal
Government Polytechnic Lakhisarai

¼North of Vidyapeeth Chowk Lakhisarai- 811311½

Email ID- gp.lakhi@gmail.com, Mob:-+917974888700



9. Computing Resources for Faculty

- Desktop/Laptop for each faculty member.
- High-speed Internet connectivity.
- Wi-Fi access.
- Printer and scanner access.
- Licensed software for teaching and research.
- Smart Classroom connectivity.

10. Printers and Scanners Details

Items	Total nos.
Printer for students	03
Printer for Faculty	10
Printer for Administration	06
Printer for Examination	03
Printer for Library	01
Scanner for Administration	01
Colour printer	03
Scanner	06

11. Interactive / Smart Board and Projectors Details

Items	Total nos.
Interactive Board (or) Smart Board (or) Interactive Panel	12
Projectors	03