राजकीय पॉलिटेक्निक नैनीताल

नैनीताल की प्रतिष्ठित तकनीकी शिक्षा संस्था : वर्तमान में 7 विभिन्न पाठ्यक्रमों का संचालन

संस्था का इतिहास और विस्तार

स्थापना वर्ष
1957, ओवर सियर्स स्कूल के रूप में

प्रारंभिक पाठ्यक्रम
सिविल इंजीनियरिंग, 40 छात्र

नाम परिवर्तन
1962 में नैनीताल पॉलिटेक्निक

प्रांतीयकरण
1987, उत्तर प्रदेश शासन द्वारा अधिग्रहण

राजकीय पॉलिटेक्निक नैनीताल

भौगोलिक विवरण	समुद्र तल से उच्चाई	7021 फ़ीट
	उपलब्ध भूमि	9.36 एकड़
तकनीकी विवरण	ई मेल आई डी	govtpoly_ntl@rediffmail.com
	वेबसाइट	https://www.gpnainital.org
संचालित योजनाएँ	1. एन0 सी0 सी0 (आर्मी) → 01 यूनिट 2. एन0 सी0 सी0 (नेवल) → 01 यूनिट 3. एन0 एस0 एस0 → 03 यूनिट 4. सामुदायिक विकास योजना थ्रू पॉलिटेक्निक (सी0 डी0 टी0 पी0)	

संचालित पाठ्यक्रम एवं छात्र संख्या :

कुल प्रवेशित छात्र-छात्राएं (सत्र - 2024-25) → 681 / 813 (छात्र: 536 छात्राएं: 145)

पाठ्यक्रम	प्रारंभ वर्ष	छात्र क्षमता	छात्र संख्या (2024-25)	छात्र + छात्राएं	श्रेणीवार (General + OBC + SC + ST + EWS + TFW + LE)
सिविल इंजीनियरिंग	1957	42	41	33+8	23 + 05 + 07 + 02 + 02 + 02 + 00
		50 (42+08)	49	38+11	21 + 04 + 08 + 02 + 03 + 03 + 08
		50 (42+08)	45	36+9	16 + 06 + 09 + 02 + 03 + 04 + 05
विद्युत् इंजीनियरिंग	1962	42	41	34+7	24+5+6+1+3+2
		50 (42+08)	47	38+9	21++5+6+1+4+2+8
		50 (42+08)	42	35+7	21+3+7+0+1+2+8
यांत्रिकी इंजीनियरिंग	1962	42	41	32+9	22+4+9+4+0+2+0
		50 (42+08)	48	43+5	23+5+6+1+4+1+8
		50 (42+08)	48	45+3	21+6+7+2+5+2+5

संचालित पाठ्यक्रम एवं छात्र संख्या

कुल प्रवेशित छात्र-छात्राएं (सत्र - 2024-25) → 681 / 813 (छात्र: 536 छात्राएं: 145)

पाठ्यक्रम	प्रारंभ वर्ष	छात्र क्षमता	छात्र संख्या (2024-25)	छात्र + छात्राएं	श्रेणीवार (General + OBC + SC + ST + EWS + TFW + LE
मॉम एंड सेक्रेटेरियल प्रैक्टिस	1972	30	06	1+5	23 + 05 + 07 + 02 + 02 + 02 + 00
		30	04	1+3	21 + 04 + 08 + 02 + 03 + 03 + 08
इलेक्ट्रॉनिक्स इंजीनियरिंग	1975	43	38	35+3	28+2+5+0+1+2
		51 (43+08)	31	26+5	15+4+7+0+3+0+2
		51 (43+08)	29	27+2	15+2+4+0+0+2+6
फार्मेसी	1989	40	37	18+19	12+8+12+2+3+0
		40	35	12+23	12+7+11+2+3+0
इनफार्मेशन टेक्नोलॉजी	2001	32	31	24+7	13+5+7+1+3+2
		35 (32+03)	34	26+8	19+2+5+0+3+2+3
		35 (32+03)	34	26+8	17+4+5+1+2+2+3

राजकीय पॉलिटेक्निक नैनीताल – स्वीकृत, भरे एवं रिक्त पदों का विवरण समूह - "क"

क्र.सं.	पदनाम	स्वीकृत	नियमित	आउटसोर्स	रिक्त
1	प्रधानाचार्य	1	1	0	0
2	अध्यक्ष बेसिक साइंस	1	1	0	0
3	अध्यक्ष फार्मेसी	1	1	0	0
4	अध्यक्ष सिविल इंजी0	1	1	0	0
5	अध्यक्ष इलैक्ट्रोनिक्स	1	1	0	0
6	अध्यक्ष एम.ओ.एम. एण्ड एस.पी.	1	1	0	0
7	अध्यक्ष मैकेनिकल इंजी0	1	1	0	0
8	अध्यक्षा आई0 टी0	1	1	0	0
9	अध्यक्ष इलै ैक्ट्रिकल	1	1	0	0
10	अध्यक्ष पी0जी0डी0सी0ए0	1	0	0	1
	योग (Total - Group “क”):	10	9	0	1

योग (Total - Group “क”): स्वीकृत: 10 | नियमित: 9 | आउटसोर्स: 0 | रिक्त: 1

राजकीय पॉलिटेक्निक नैनीताल – स्वीकृत, भरे एवं रिक्त पदों का विवरण समूह - "ख"

क्र.सं.	पदनाम	स्वीकृत	नियमित	आउटसोर्स	रिक्त
11	व्याख्याता फार्मेसी	4	3	0	1
12	व्याख्याता आई0टी0	3	2	1	1
13	व्याख्याता सिविल	3	1	1	2
14	व्याख्याता भौतिकी	1	1	0	0
15	व्याख्याता अग्रेजी	1	0	0	1
16	व्याख्याता रसायन	1	0	0	1
17	व्याख्याता गणित	1	0	0	1
18	व्याख्याता मैकेनिकल	3	1	1	2
19	व्याख्याता इलैक्ट्रनिकस	3	2	1	1
20	व्याख्याता इलैक्ट्रिकल	3	0	2	3
21	व्याख्याता MOM & SP	2	0	0	2
22	व्याख्याता PGDCA	3	0	0	3
23	कर्मशाला अधीक्षक	1	1	0	0
	योग समूह-ख	29	11	6	18

राजकीय पॉलिटेक्निक नैनीताल – स्वीकृत, भरे एवं रिक्त पदों का विवरण : समूह - "ग"

क्र0 सं0	पदनाम	स्वीकृत	भरे		रिक्त (04–05)
			नियमित	आउटसोर्स	
24	मुख्य वैयक्तिक अधिकारी	1	1	0	0
25	मख्य प्रशासनिक अधिकारी	1	0	0	1
26	वरिष्ठ प्रशासनिक अधिकारी	1	0	0	1
27	कर्मशाला अनुदेशक	9	9	0	0
28	अनुदेशक एम.ओ.एम. एण्ड एस.पी.	2	0	0	2
29	कला अनुदेशक	1	0	0	1
30	प्रशासनिक अधिकारी	1	0	0	1
31	प्रधान सहायक	1	0	0	1
32	वरिष्ठ सहायक	2	0	0	2
33	कनिष्ठ सहायक	1	1	0	0
34	पुस्तकालयाध्यक्ष	1	1	0	0
35	कम्पयूटर प्रोग्रामर	2	0	0	2
36	कनिष्ठ सहायक /कम्पयूटर आपरेटर	1	0	1	1
37	लब टैक्नीशियन फार्मेसी	1	1	2	0
	योग समूह–"ग"	**25**	**13**	**3**	**12**

राजकीय पॉलिटेक्निक नैनीताल – स्वीकृत, भरे एवं रिक्त पदों का विवरण : समूह - "घ"

क्र0 सं0	पदनाम	स्वीकृत	भरे		रिक्त (04–05)
			नियमित	आउटसोर्स	
35	दफ्तरी	1	0	0	1
36	चपरासी	4	1	2	3
37	चौकीदार	5	0	0	5
38	पुस्तकाल अनुचर	1	0	0	1
39	माली	1	0	1	1
40	जमादार (स्वच्छक)	2	0	2	2
41	लैब अनुचर	22	4	0	18
	योग समूह–'घ'	**36**	**5**	**5**	**31**

कुल योग ("क", "ख", "ग", "घ"): स्वीकृत: **100** | नियमित: **38** | आउटसोर्स: **14** | रिक्त: **62**

प्लेसमेंट

Dana Anand India Private Limited, Pantnagar

Dana Anand India Private Limited, Pantnagar

Muskan Diesel Power Solution

प्लेसमेंट

Mahindra and Mahindra limited Rudrapur

Bajaj Auto Ltd Pantnagar

Century Pulp and Paper

प्लेसमेंट विवरण - सत्र 2024-25

Branch	Total Students	Placed Students	Key Recruiters (Top Packages)
Mechanical	48	64*	Maruti Suzuki (₹4.75L), Polyplex (₹3L), Suzuki (₹3.24L)
Electrical	42	58*	Maruti Suzuki (₹4.75L), ATL Battery (₹2.65L), Spark Minda (₹2.4L)
Electronics	29	28	Dixon Tech (₹3.24L), Bajaj Auto (₹1.7L)
IT	34	28	**Thoughtworks (₹8L)**, Dixon Tech (₹3.24L)
Civil	45	17	Techinterio (₹2.16L)
MOM & SP	5	0	—
🏆 **Highest Package:** ₹8L (IT, Thoughtworks).			
🔥 **Top Recruiters:** Maruti Suzuki, Dixon Tech, Bajaj Auto.			
Multiple offers per student (placements > total students in some branches).			

प्लेसमेंट विवरण - सत्र 2023-24

Branch	Total Students	Placed Students	Placement %	Top Recruiters (Highest Package)
Mechanical	48	42	87.50%	Maruti Suzuki (₹4.5L), Vincular (₹3.6L), Suzuki (₹3L)
Electrical	44	32	72.70%	Maruti Suzuki (₹4.5L), Vincular (₹3.6L), Escot Kubota (₹2.52L)
Electronics	32	15	46.90%	Interface Microsystem (₹3.06L), Vincular (₹3.6L)
IT	22	8	36.40%	Vincular (₹3.6L), Affixious (₹3L)
Civil	48	5	10.40%	Vincular (₹3.6L), L&T (₹2.88L)
MOM & SP	12	7	58.30%	DS Group (₹2.8L)

🏆 Highest Package: ₹4.5L (Mechanical/Electrical, Maruti Suzuki).
🔥 Top Recruiter: Vincular (₹3.6L across 4 branches).
📊 Best Placement Rate: Mechanical (87.5%).

प्लेसमेंट विवरण - सत्र 2022-23

Branch	Total Students	Placed Students	Placement %	Top Recruiters (Highest Package)
Mechanical	54	42	77.80%	Hitachi Astemo (₹2.5L), Suzuki (₹3L), L&T (₹2.88L)
Electrical	48	33	68.80%	Sterling Gtake (₹3.06L), Suzuki (₹3L), Ahresty (₹3.84L)
Electronics	23	16	69.60%	Sterling Gtake (₹3.06L), Malale Anand (₹3.84L)
IT	33	23	69.70%	Suzuki (₹3L), Smart Brains (₹1.68L)
MOM & SP	18	12	66.70%	Sheer Bulls (₹2.5L), Smart Brains (₹1.68L)
Civil	48	3	6.30%	L&T (₹2.88L)

🏆 Highest Package: ₹3.84L (Electrical, Ahresty).
🔥 Top Recruiters: Suzuki (₹3L), L&T (₹2.88L), Hitachi Astemo (₹2.5L).
📊 Best Placement Rate: IT & Electronics (~69-70%).

प्लेसमेंट विवरण - सत्र 2021-22

Branch	Total Students	Placed Students	Placement %	Top Recruiters (Highest Package)
Mechanical	63	99*	~157%*	Hero MotoCorp (₹3.84L), L&T (₹3.6L), Ahresty (₹1.92L)
Electrical	60	42	70%	Hero MotoCorp (₹3.84L), L&T (₹3.6L), Hitachi Astimo (₹1.92L)
Electronics	31	35*	~113%*	Ericsson (₹3.84L), Hitachi Astimo (₹1.92L), Tech Mahindra (₹1.8L)
IT	34	6	17.60%	Ericsson (₹3.84L), Wipro (₹2.28L)
Civil	42	7	16.70%	L&T (₹3.6L), Cadd Center (₹96k)
MOM & SP	19	7	36.80%	Tata Motors (₹1.56L), Smart Brain (₹1.44L)

🏆 Highest Package: ₹3.84L (Mechanical/Electrical/IT, Hero MotoCorp/Ericsson).

🔥 Top Recruiters: L&T (₹3.6L), Hitachi Astimo (₹1.92L), Ericsson (₹3.84L).

📊 Best Placement Rate: Mechanical (~157%* due to multiple offers).

प्लेसमेंट विवरण - सत्र 2020-21

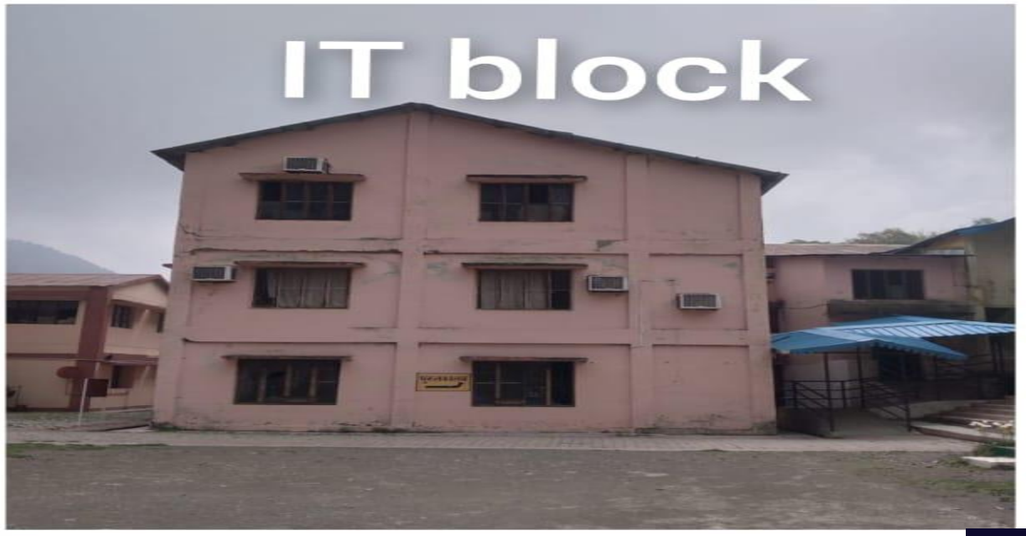
Branch	Total Students	Placed Students	Placement %	Top Recruiters (Highest Package)
Mechanical	72	40	55.60%	Hero (₹3.65L), Suzuki (₹2.51L), JSHL (₹2.28L)
Electrical	69	26	37.70%	Suzuki (₹2.51L), Ahresty (₹1.8L), Hitachi (₹1.72L)
Electronics	25	10	40%	Ahresty (₹1.8L), Hitachi (₹1.72L), Escort (₹1.44L)
IT	26	1	3.80%	Wipro (₹2.28L)
Civil	44	6	13.60%	L&T (₹1.5L), Cadd Center (₹96k)
MOM & SP	21	5	23.80%	Tata (₹1.5L)

🏆 Highest Package: ₹3.65L (Mechanical, Hero).

🔥 Top Recruiters: Suzuki (₹2.51L), Ahresty (₹1.8L), Wipro (₹2.28L).

📊 Best Placement Rate: Mechanical (55.6%).

Infrastructure Details

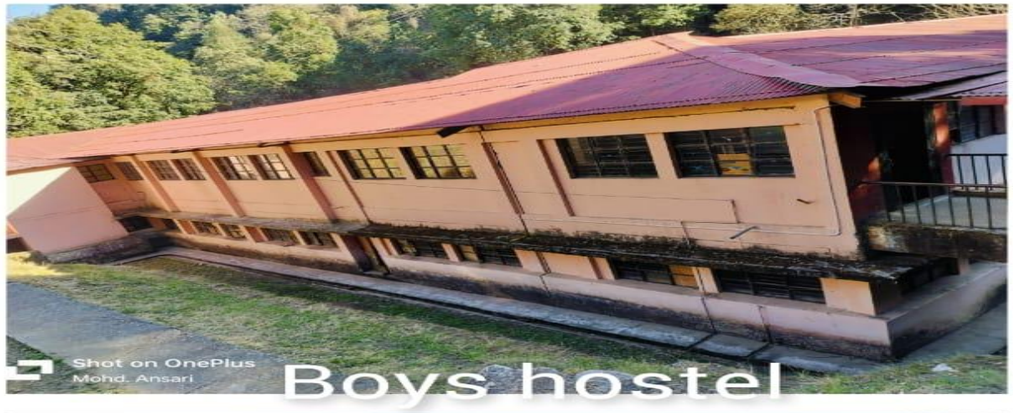


Infrastructure Details

Infrastructure Details

Infrastructure Details

Infrastructure Details



Infrastructure Details

🏫 Institutional Profile

- **Name:** Government Polytechnic Nainital
- **Running Branches:** Civil, Mechanical, IT, Electrical, Electronics, Pharmacy, Mom & SP
- **Proposed Branches:** None
- **Total Blocks:** 7 (Administrative, Academic, Residential, Amenities)

🏗️ Physical Infrastructure

- **Total Constructed Area:** 3,506.47 sqm across 3 floors
- **Boundary Wall:**
  - Existing: Yes
  - Additional Requirement: 257 running meters

Detailed Report is available at given link :
https://drive.google.com/drive/folders/1UGqp1tzfYn_Qrb9SebGXVG38GYq6zHLv?usp=sharing

Infrastructure Details (Non-residential)

Category	Available	Required (AICTE Norms)	Gap Analysis
Total Blocks	7	-	-
Constructed Area	3,506.47 sqm	-	-
Classrooms	6 (364.61 sqm)	10 (660 sqm)	❗ 4 rooms short (295.38 sqm needed)
Laboratories	14 (1,275.82 sqm)	31 (2,046 sqm)	❗ 17 labs short (770.18 sqm needed)
Workshops	4 (286.46 sqm)	4 (200 sqm)	-

Detailed Report is available at given link :
https://drive.google.com/drive/folders/1UGqp1tzfYn_Qrb9SebGXVG38GYq6zHLv?usp=sharing

Infrastructure Details (Non-residential)

Branch-Wise Facility Status (2024-25)

Branch	Classrooms	Labs	Workshops	Special Rooms	Gaps
Civil	1 shared	3	1	Drawing Hall (186 sqm)	Workshop space short by 86.46 sqm
Mechanical	1 shared	4	3	Workshop (286 sqm)	Needs 1 more workshop
Electrical	1 shared	3	-	-	Lab equipment space insufficient
Electronics	2 dedicated	3	-	Language Lab (53 sqm)	Digital lab undersized
IT	2 dedicated	3	-	Computer Centre (Missing)	No dedicated computer lab

Detailed Report is available at given link :
https://drive.google.com/drive/folders/1UGqp1tzfYn_Qrb9SebGXVG38GYq6zHLv?usp=sharing

Infrastructure Details (Non-residential)

Floor-Wise Facility Status (2024-25)

Floor	Existing Facilities	Area Status	Critical Gaps
Ground	- 8 Labs (Civil/Mechanical/Electrical)	Labs: 62% of requirement	-
	- 4 Workshops		
	- Library (333 sqm)		- Library needs 67 sqm expansion
First	- 6 Labs (Electronics/IT)		-
	- Language Lab	ECS Lab: 53.4/66 sqm (81%)	
Second	- 6 Classrooms	Classrooms: 55% of requirement	- 4 classrooms short
	- Seminar Hall (86.6 sqm)		- Seminar Hall needs 45.4 sqm expansion

Infrastructure Details (Non-residential)

Pharmacy Department (2024-25)

Facility	Available	Required	Gap
Classrooms	1 (75 sqm)	1 (75 sqm)	-
Laboratories	4 + 1 machine room	5	1 lab short (75 sqm)
Seminar Hall	1 (86.6 sqm)	1 (132 sqm)	45.4 sqm deficit
Computer Centre	None	1 (150 sqm)	Not available

Detailed Report is available at given link :
https://drive.google.com/drive/folders/1UGqp1tzfYn_Qrb9SebGXVG38GYq6zHLv?usp=sharing

Infrastructure Details (Non-residential)

Pharmacy Department (2024-25)

Floor	Facilities	Status
Ground	Classroom, 4 Labs, Library	Labs 380/450 sqm (84%)
First	1 Lab, Seminar Hall	Seminar Hall 65% capacity

Detailed Report is available at given link :
https://drive.google.com/drive/folders/1UGqp1tzfYn_Qrb9SebGXVG38GYq6zHLv?usp=sharing

Infrastructure Details (Non-residential)

Support Facility Status (2024-25)

Facility	Available	Required	Gap
Computer Centre	None	1 (150 sqm)	❗ Not available
Seminar Hall	1 (86.6 sqm)	1 (132 sqm)	45.4 sqm deficit
Library	1 (333 sqm)	1 (400 sqm)	67 sqm short
Faculty Rooms	16 (149.12 sqm)	24 (120 sqm)	8 rooms short
Placement Office	1 (11.22 sqm)	1 (30 sqm)	63% space deficit
Toilets	1 (102.85 sqm)	1 (350 sqm)	247.15 sqm short

Detailed Report is available at given link :
https://drive.google.com/drive/folders/1UGqp1tzfYn_Qrb9SebGXVG38GYq6zHLv?usp=sharing

Infrastructure Details (Residential)

Hostel Facility Status (2024-25)

Category	Boys Hostel	Girls Hostel
Availability	Yes	Yes
Seating Capacity	60 students	40 students
Constructed Rooms	20	13
Running Status	Functional	Functional
Additional Rooms Required	None	Approx. 20 rooms
Required Area	-	350SQM (G+1)
Common Room Area	83.8/100 sqm	192.99/100 sqm

Detailed Report is available at given link :
https://drive.google.com/drive/folders/1UGqp1tzfYn_Qrb9SebGXVG38GYq6zHLv?usp=sharing

Infrastructure Details (Residential)

Staff quarters Facility Status (2024-25)

Type 4: NA

Type 3: 16 units (10 occupied), including Principal

Type 2: NA

Type 1: 5 units (2 occupied)

Principal's Quarter: 1 (139/150 sqm)

Detailed Report is available at given link :
https://drive.google.com/drive/folders/1UGqp1tzfYn_Qrb9SebGXVG38GYq6zHLv?usp=sharing

इंफ्रास्ट्रक्चर - कक्षाएं और प्रयोगशालाएं
IT LABS

इंफ्रास्ट्रक्चर - कक्षाएं और प्रयोगशालाएं
IT LABS : Hardware Details

Lab Name	Functional Items	Non-Functional Items	Key Issues
Smart Class	- Interactive flat panel display (2022)	- Laptops, Wipro PCs, UPS, Projectors (2011–2013)	Outdated, repair attempts failed, write-off requests submitted (April 2023).
	- TFT Samsung (2011)	- Apple devices (2013)	
	- Digital Camera Sony (2014)		
PGDCA	- Lenovo CPUs, Monitors (2014–2016)	- Plotter, Digitizer, Servers (1998–2008)	Obsolete, repair impossible, write-off initiated (April 2023).
		- UPS, Printers (1998–2015)	
I.T. Lab	- Lenovo Desktops (2014)	- IBM PCs, UPS, Scanners (2004–2015)	Non-functional for 6+ years, write-off recommended.
	- HP Printer, Webcam (2019)	- HCL Server (2004)	
Language Lab	- HP Desktops, Headphones, K-YAN (2015)	-	Fully functional but outdated (2015).
B.Pharma Lab	- HP Monitors, Projector, Laptop, Smart TV (2019)	-	All equipment functional and recent (2019).

Detailed Report is available at given link :
https://drive.google.com/drive/folders/1UGqp1tzfYn_Qrb9SebGXVG38GYq6zHLv?usp=sharing

इंफ्रास्ट्रक्चर - कक्षाएं और प्रयोगशालाएं
IT LABS : Software Details

Category	Current Availability	Requirements	Remarks
Generic Software	NIL	- Open Source Tools:	**Cost**: Free (Lifetime validity).
		- Turbo C, Eclipse, Python, Arduino, Linux, VS Code, JDK, Android Studio, etc.	
		- Cost: Free (Lifetime validity).	
Proprietary Software	NIL	- Essential Paid Software:	**Not Available.** **Need to purchase**
		- Windows 11 (30 licenses)	
		- MS Office 365	
		- Antivirus	
		- Adobe Suite	
		- MySQL, Visual Studio, SQL Server.	
		- Cost: High (Annual/Perpetual licenses).	

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इंफ्रास्ट्रक्चर - कक्षाएं और प्रयोगशालाएं

CIVIL LABS

Detailed Report is available at given link :
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इंफ्रास्ट्रक्चर - कक्षाएं और प्रयोगशालाएं

CIVIL LABS : **Existing Equipment Status (Key Labs)**

Lab Name	Functional Equipment	Non-Functional/Issues	Remarks
Construction & Materials Lab	- Compression Testing Machine (2024) - Curing Tank (2024) - UTM (2024)	- Vicat's Apparatus (1/5 working) - Le Chatelier's Apparatus (1 broken) - Impact Tester (1/2 unserviceable)	60% equipment outdated (purchased 2000–2014).
Surveying & Drawing Lab	- Total Station (2024) - Auto Level (2024) - Digital Theodolite (2024)	- Dumpy Levels (12/20 faulty) - Prismatic Compass (13/30 damaged) - Leveling Staves (15/20 unserviceable)	Legacy equipment (1988–2008) needs replacement.
Geotechnical Engg. Lab	- CBR Apparatus (2024) - Direct Shear Test (2004)	- Liquid Limit Apparatus (3/5 faulty) - Pycnometer (1/8 broken)	New CBR machine functional; older devices need repair/replacement.
Environmental Engg. Lab	- Digital Turbidity Meter (2024) - Jar Test Apparatus (2024)	- Water Bath (not working) - Wind Speed Recorder (faulty)	Recent purchases (2024) in good condition.

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इंफ्रास्ट्रक्चर - कक्षाएं और प्रयोगशालाएं

CIVIL LABS : **Equipment Demand (2024-25)**

Lab Name	Requested Equipment	Purpose	Quantity
Construction & Materials	Bulk Density Apparatus	Aggregate density measurement	1
	Wire Basket	Specific gravity tests	1
Surveying & Drawing	Electronic Distance Measurer (EDM)	Precision distance measurement	1

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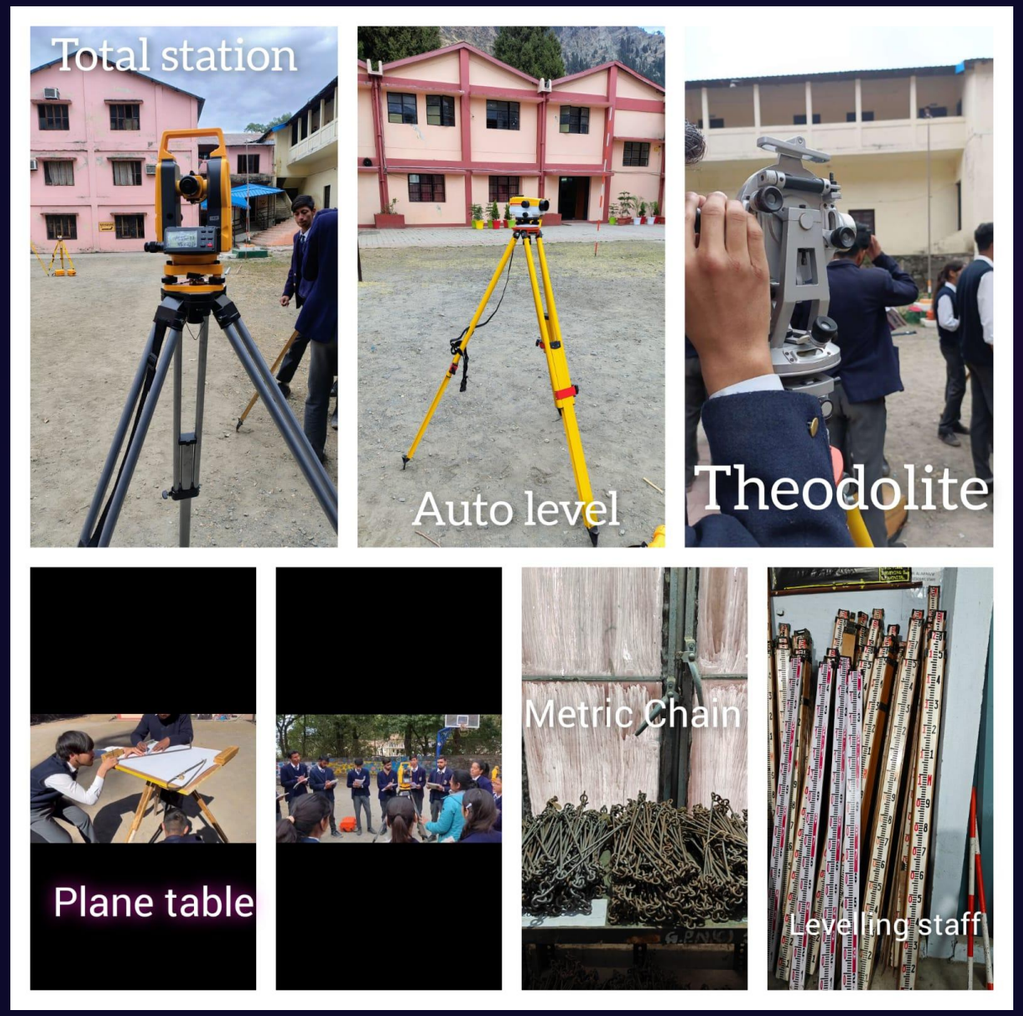
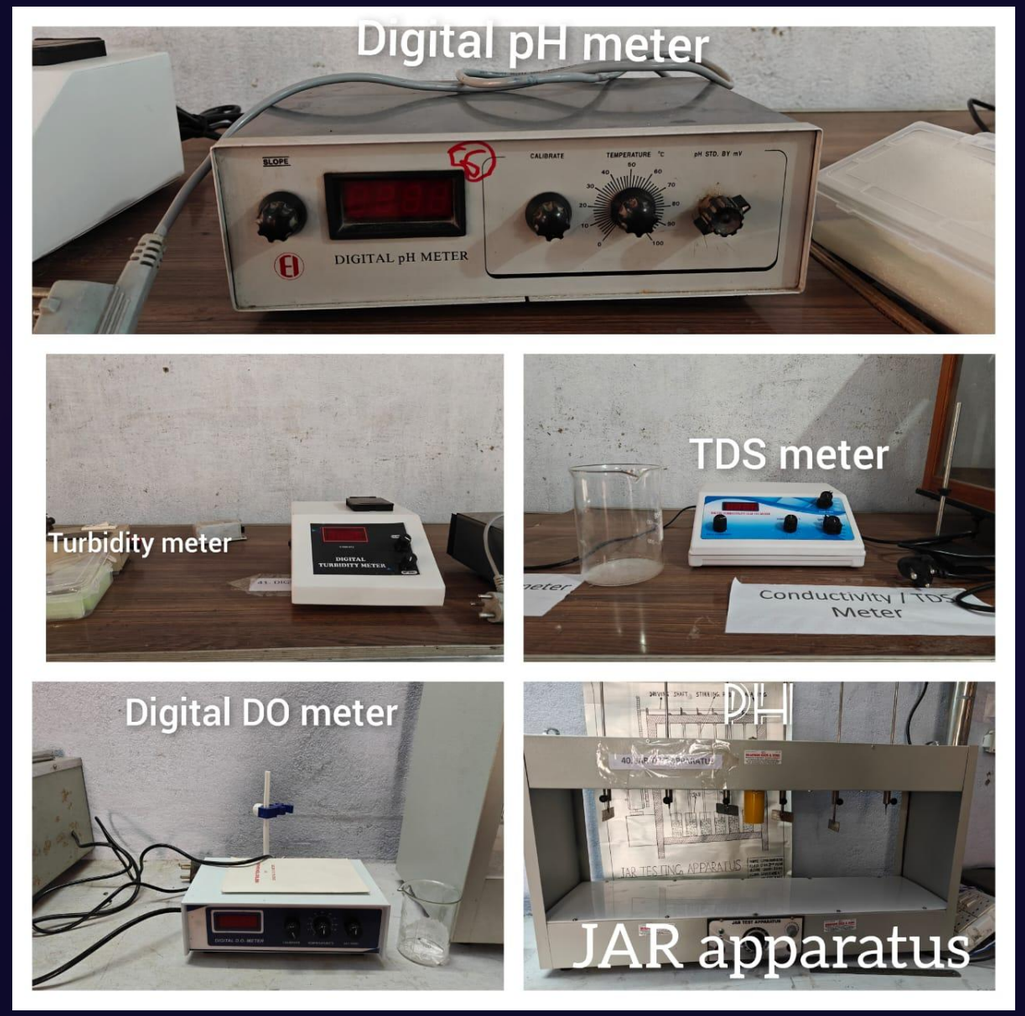
इंफ्रास्ट्रक्चर - कक्षाएं और प्रयोगशालाएं

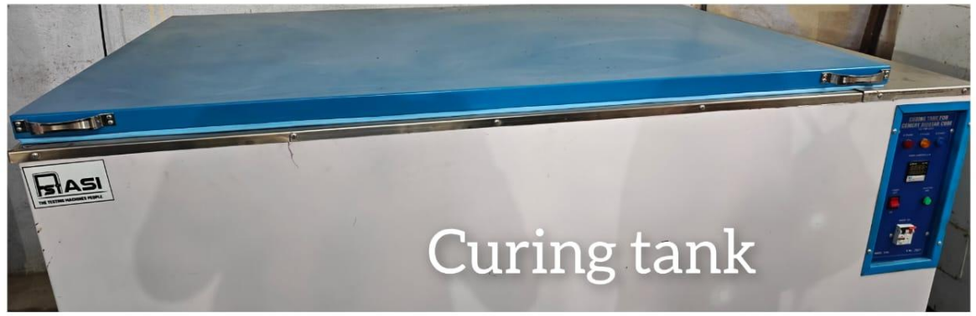
CIVIL LABS

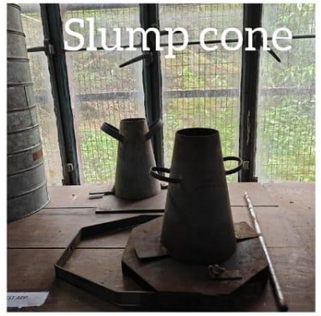




इंफ्रास्ट्रक्चर - कक्षाएं और प्रयोगशालाएं

CIVIL LABS





इंफ्रास्ट्रक्चर - कक्षाएं और प्रयोगशालाएं

ELECTRICAL LABS

Detailed Report is available at given link :
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इंफ्रास्ट्रक्चर - कक्षाएं और प्रयोगशालाएं

ELECTRICAL LABS - Existing Equipment Status (Key Labs)

Lab Name	Functional Equipment	Non-Functional/Issues	Remarks
Fundamentals & Basic Engg.	- 3-phase variable RLC load (2023-24) - Power measurement kit (2023-24)	- Rheostats (1975-76, not working) - Choke coils (1975-76, not working)	50% equipment outdated (>20 years old).
Power Systems & Machines	- DC shunt motor (2023-24) - Synchronous machine (2020-21)	- Motor-gen sets (1975-78, not working) - Transformers (1962-63, not working)	Critical need for modern AC/DC machine trainers.
Measurement & Control	- 3-phase power measurement kit (2023-24) - Digital multimeter (2006-07)	- Wattmeters (1975-76, 10/18 not working) - Energy meters (1975-76, faulty)	Analog instruments need replacement with digital counterparts.
Workshop & Projects	- Coil winding machine (2023-24) - Cable knives (1995-96)	- Washing machine (1997-98, not working) - Drill machine (1995-96, not working)	Tools from 1960s–90s require urgent upgrades.

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इंफ्रास्ट्रक्चर - कक्षाएं और प्रयोगशालाएं

ELECTRICAL LABS - Equipment Demand (2024-25)

Lab Name	Requested Equipment	Purpose	Quantity
Fundamentals & Basic Engg.	Kirchhoff's Law Experimental Board	Circuit analysis	5
	50 MHz Oscilloscope	Signal measurement	1
Power Systems & Machines	DC Series Motor (3kW)	Machine training	1
	Auto Transformer Starter	Motor control	4
Measurement & Control	Digital Energy Meter	Power monitoring	5
Workshop	Bench Drilling Machine	Fabrication	2

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इंफ्रास्ट्रक्चर - कक्षाएं और प्रयोगशालाएं

MECHANICAL LABS

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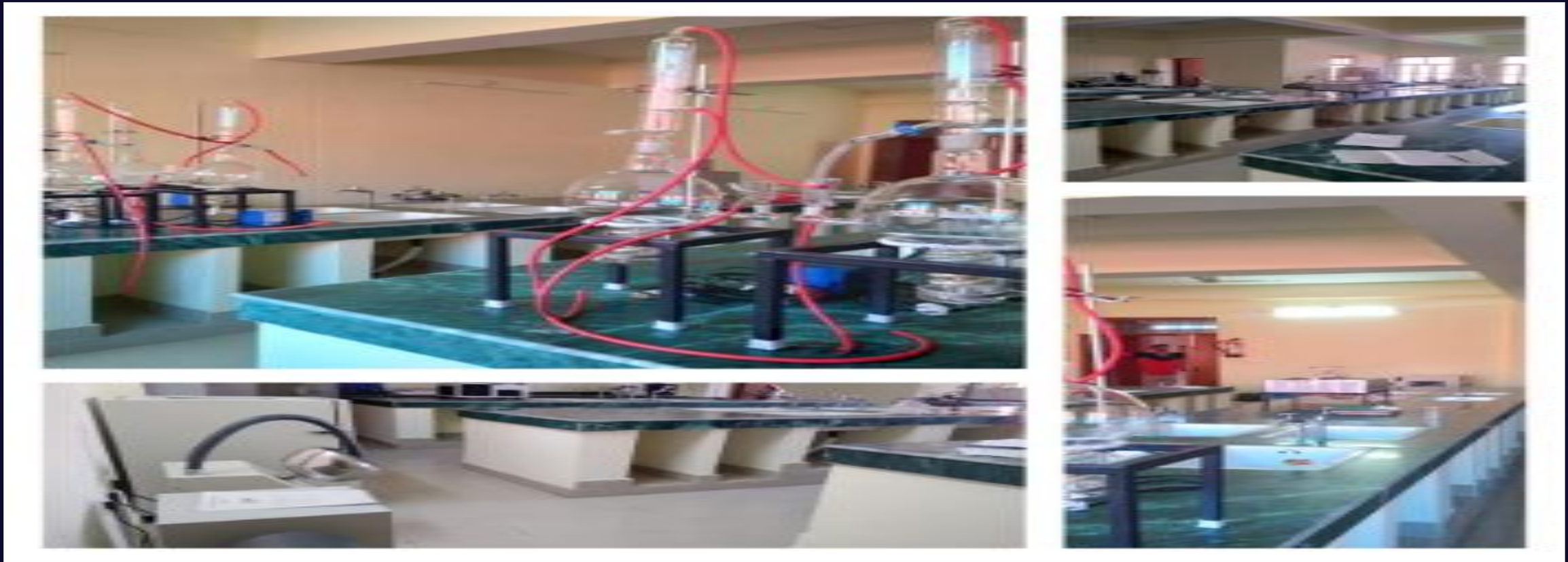
इंफ्रास्ट्रक्चर - कक्षाएं और प्रयोगशालाएं

PHARMACY LABS



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ELECTRONICS LABS

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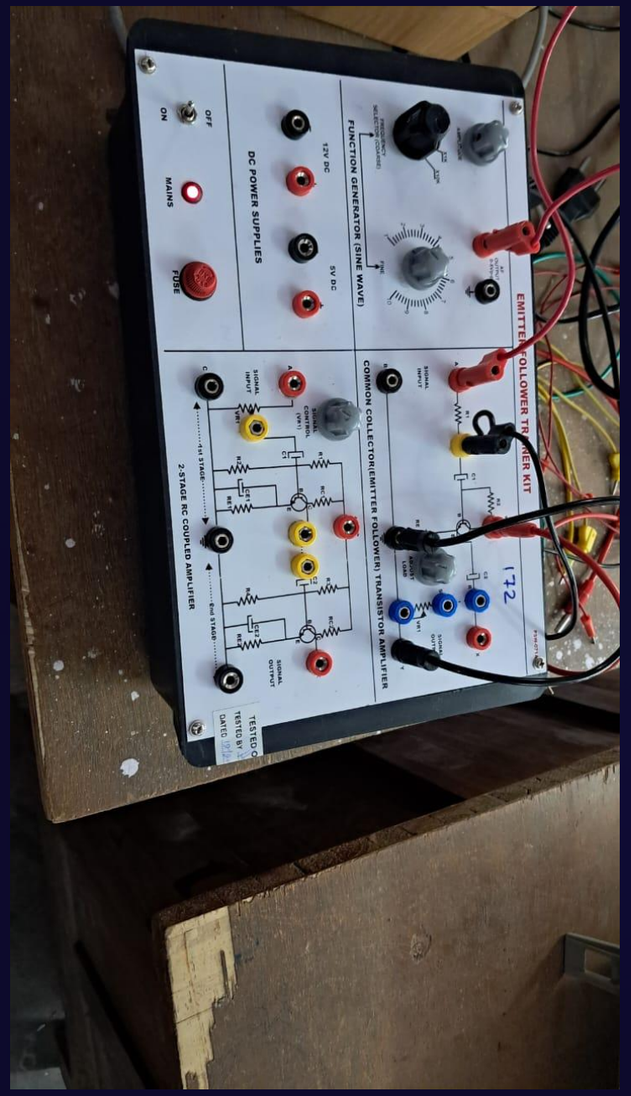
इंफ्रास्ट्रक्चर - कक्षाएं और प्रयोगशालाएं

ELECTRONICS LABS



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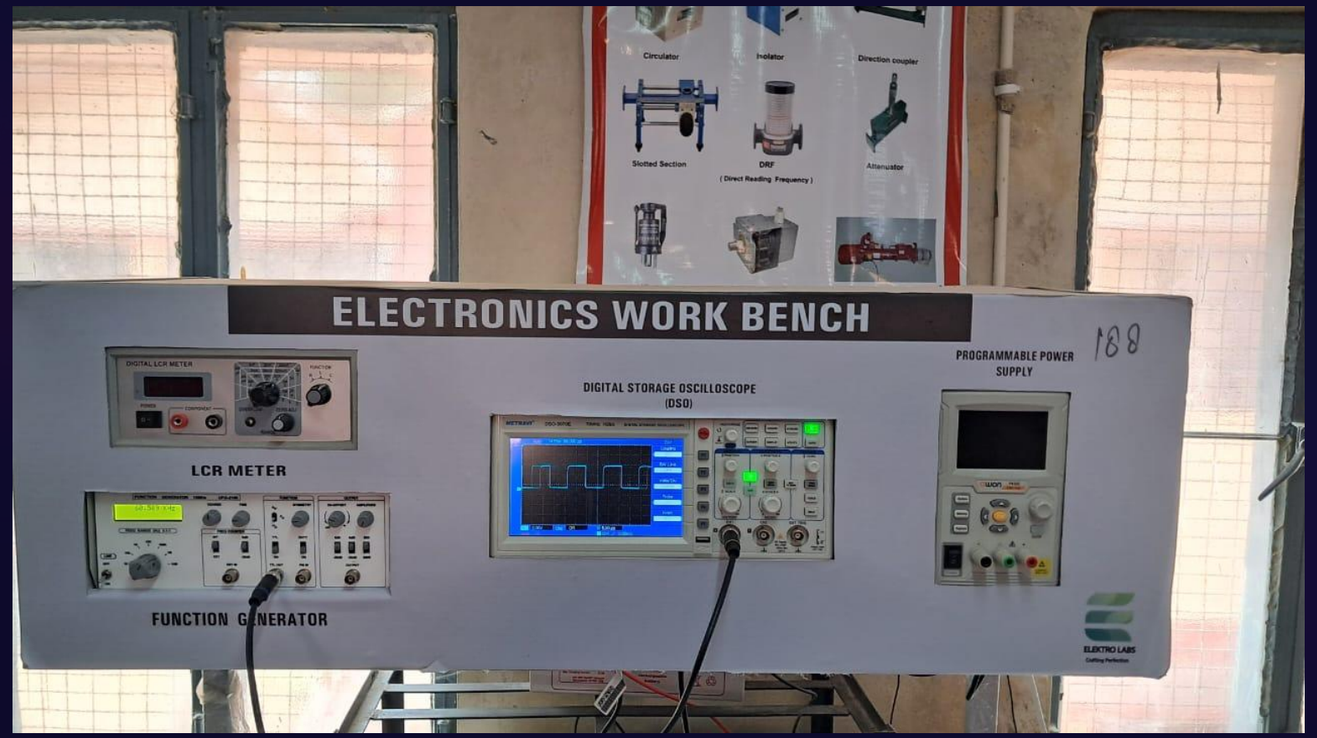
ELECTRONICS LABS



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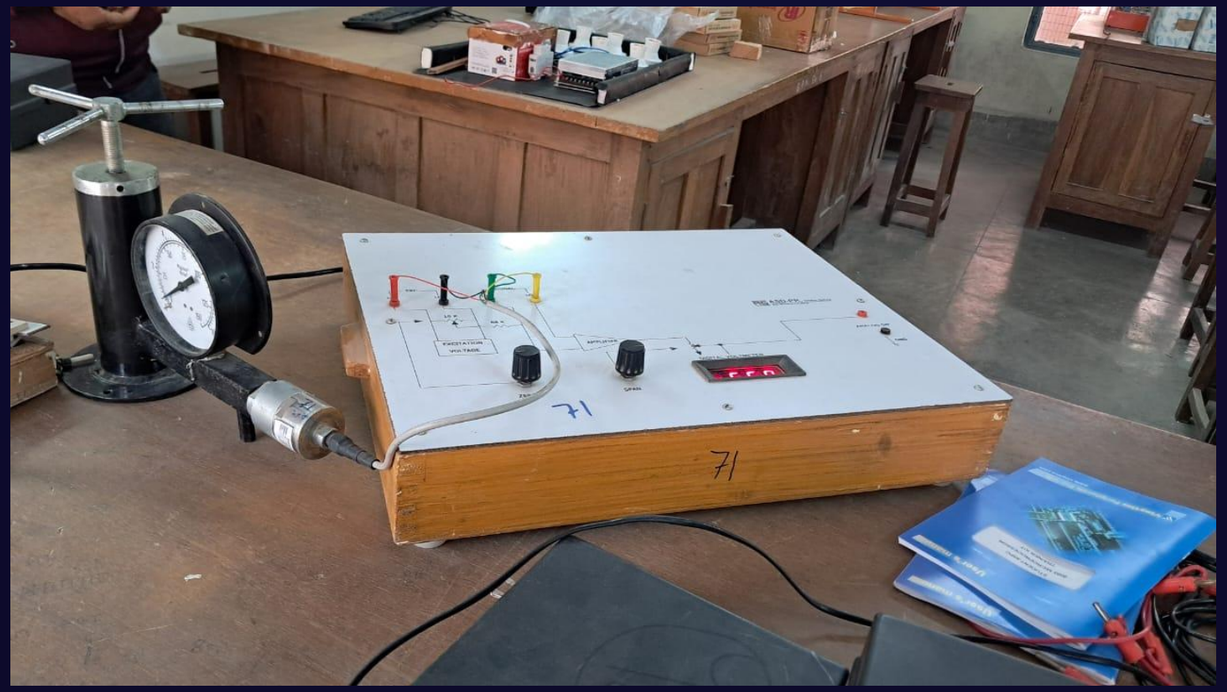
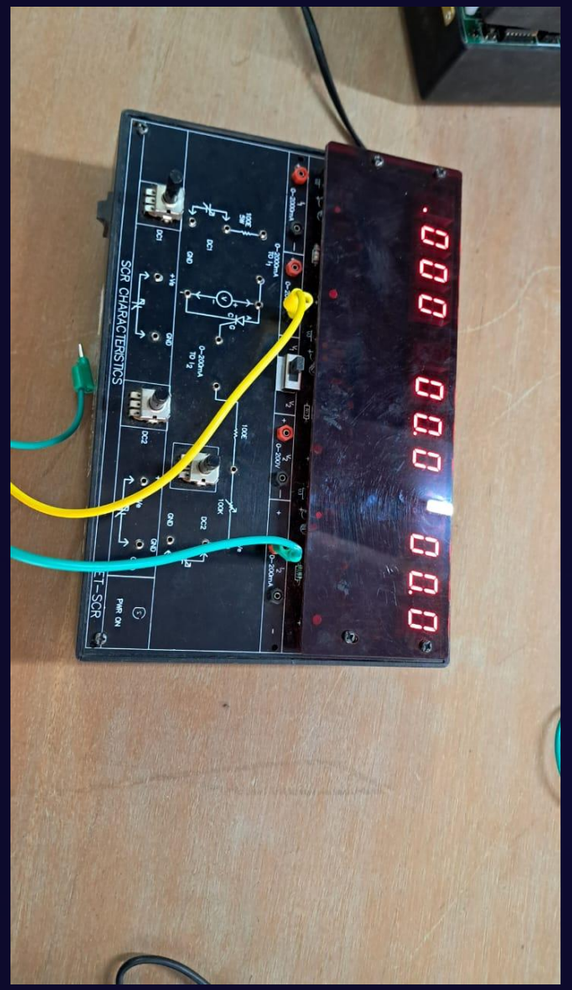
ELECTRONICS LABS





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इंफ्रास्ट्रक्चर - कक्षाएं और प्रयोगशालाएं

WORKSHOP DETAILS

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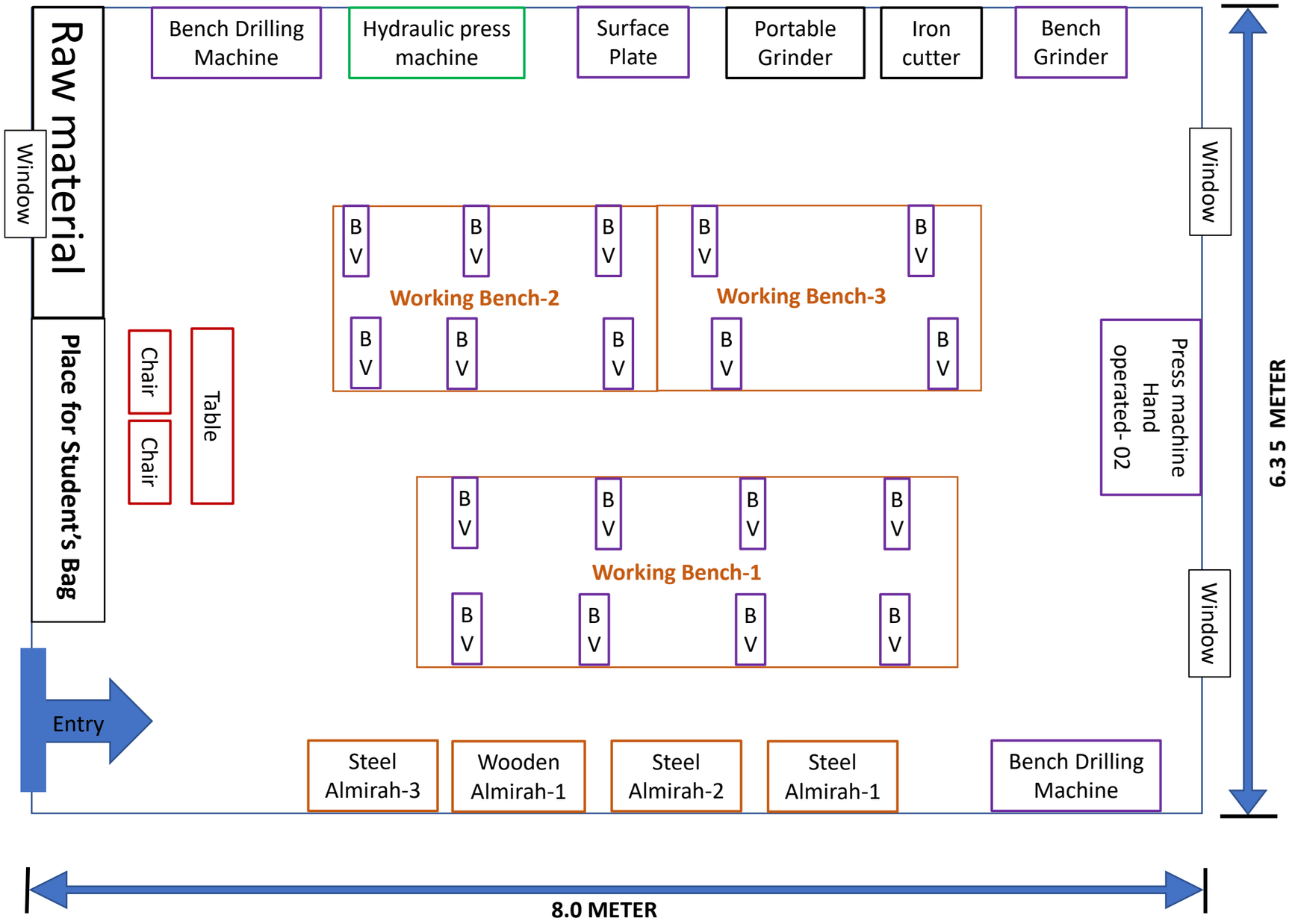
Govt. Polytechnic Nainital

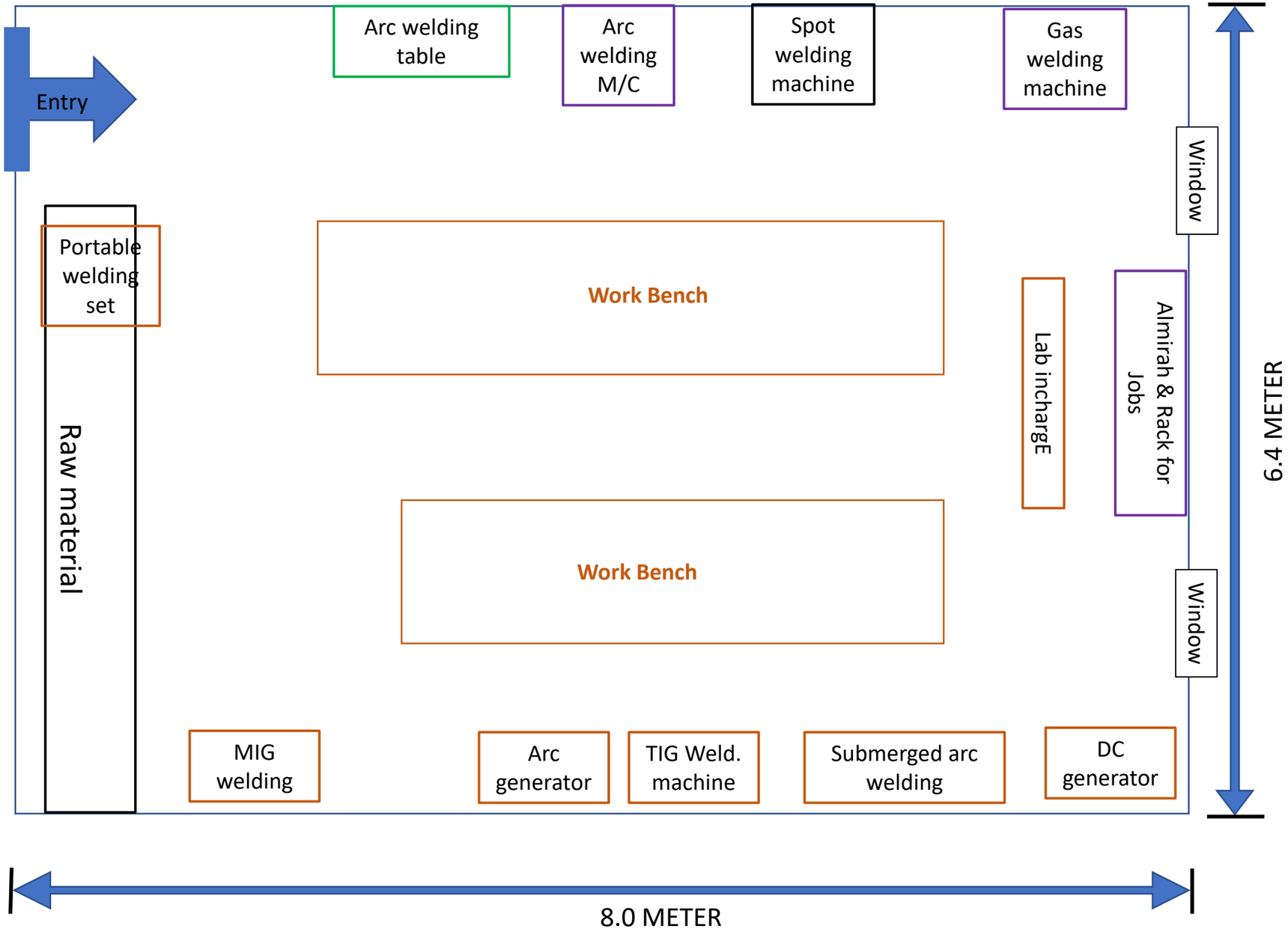
Lay out of Fitting shop



*BV- Bench Vice

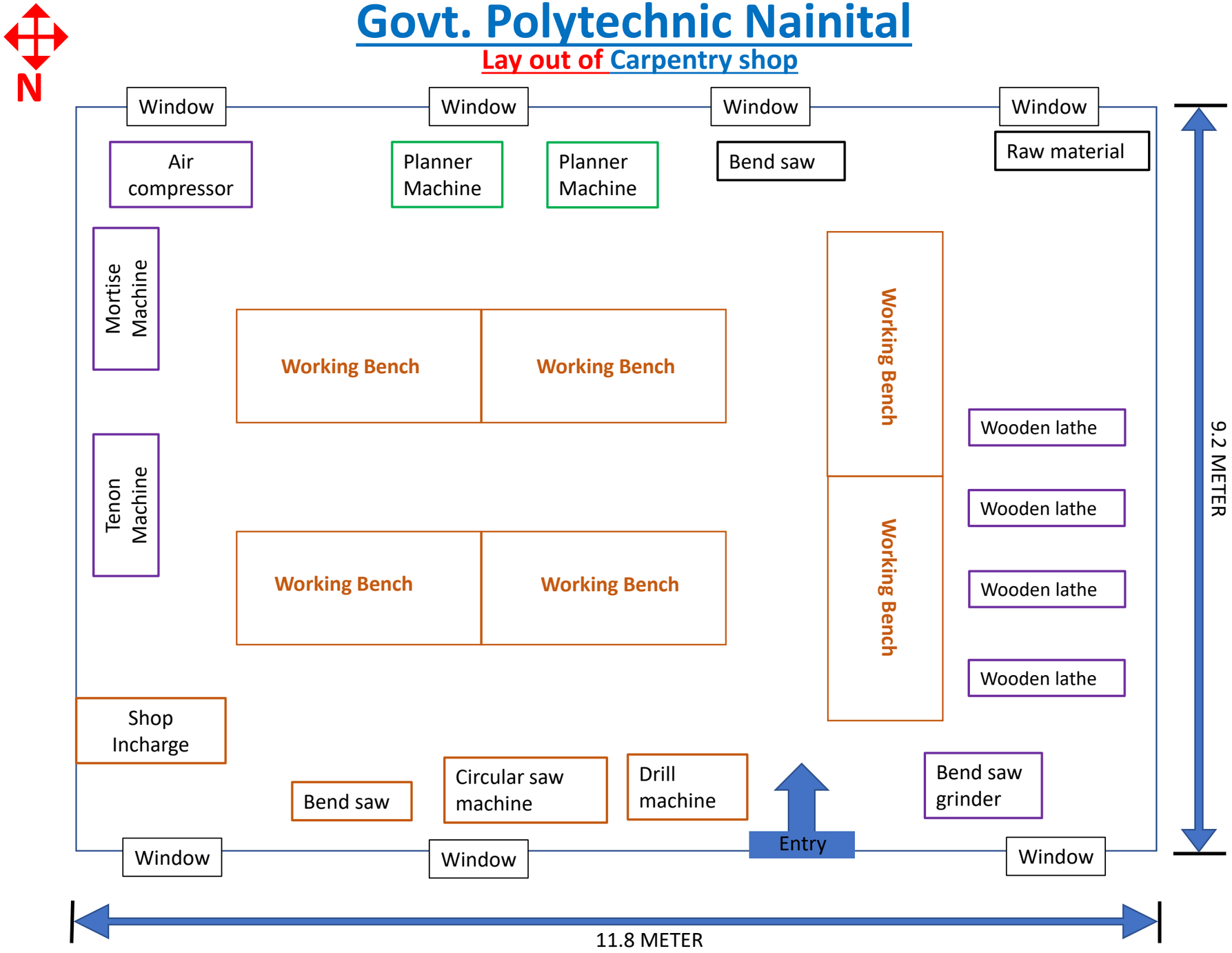
Govt. Polytechnic Nainital

Lay out of Welding shop



Govt. Polytechnic Nainital

Lay out of Carpentry shop



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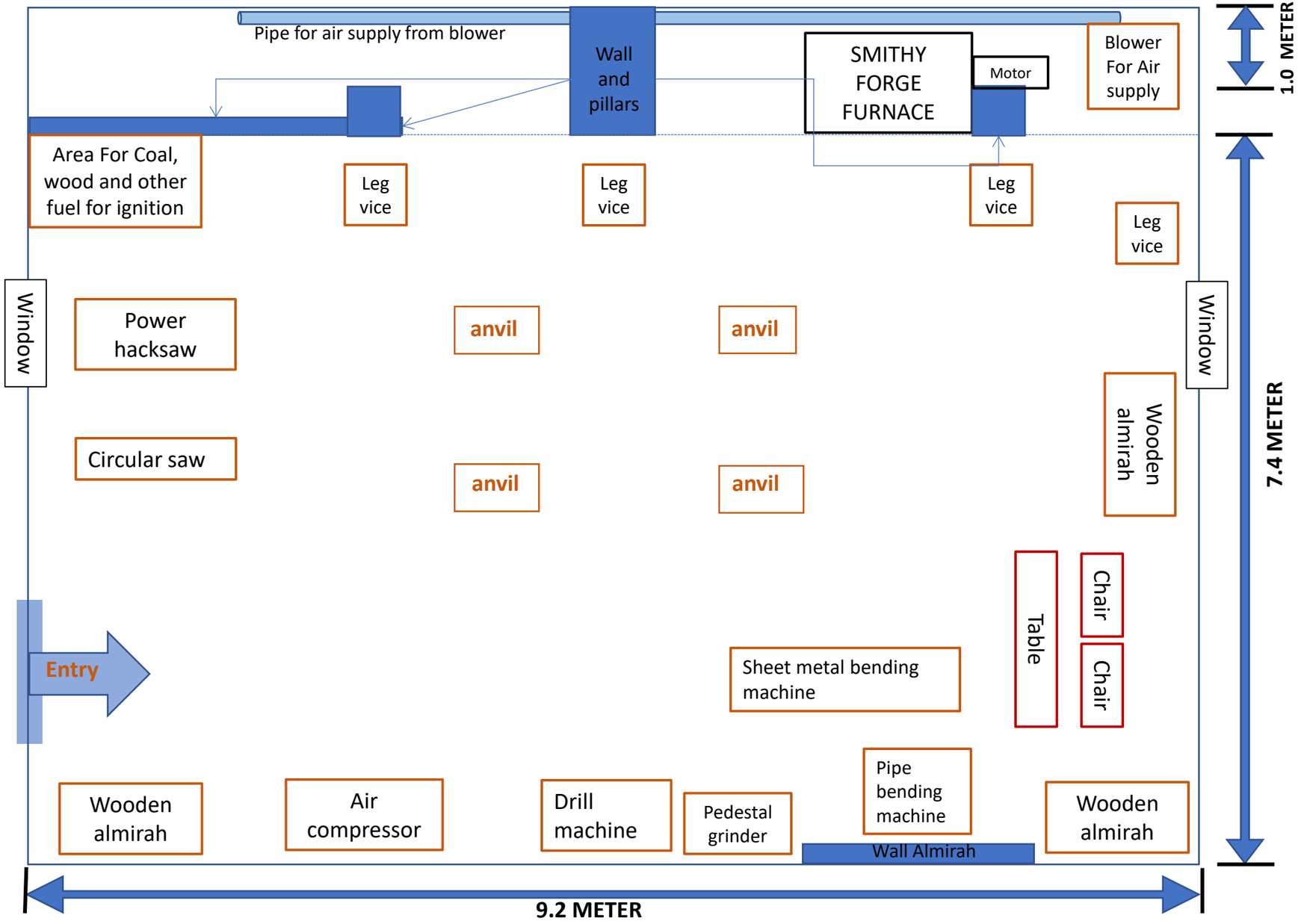
Lay out of Smithy shop