

# Advance Lab

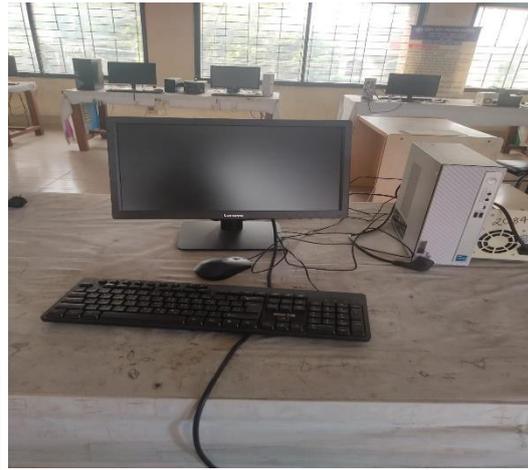
## AD LAB:

Advanced Lab is a specialized facility designed for conducting high-level research, experimentation, and testing in various scientific or engineering fields. Equipped with cutting-edge tools, technology, and instruments, it supports complex investigations that go beyond standard laboratory work. In an advanced lab, professionals and researchers explore innovative solutions, prototype new technologies, and push the boundaries of fields such as biotechnology, nanotechnology, artificial intelligence, and advanced materials. These labs play a critical role in both academic research and industrial development, fostering breakthroughs that lead to technological advancements and practical applications.





Interactive Smart Board



Desktop

## **Here are key aspects typically associated with Advance lab:**

- 1. *State-of-the-art Equipment***: Equipped with cutting-edge tools and instruments for high-level research.
- 2. *Specialized Environment***: Designed for specific fields such as biotechnology, AI, or nanotechnology.
- 3. *Research and Development***: Supports innovation and prototyping of new technologies.
- 4. *Highly Skilled Personnel***: Staffed by experts with advanced knowledge and skills in their respective fields.
- 5. *Data Analysis and Simulation Tools***: Provides powerful software for modeling, simulations, and data processing.
- 6. *Collaboration Space***: Facilitates teamwork and collaboration between researchers, scientists, and engineers.
- 7. *Safety and Compliance***: Adheres to stringent safety standards and protocols for advanced experiments.

### List of equipment in the AD Lab:

	Multiple PLC Trainer	2059	1			Active
	ব্যবহৃত মালামাল /যন্ত্রপাতি /আসবাবপত্র	ইনভেন্টরি নম্বর	পরিমাণ	ব্যবহারকারীর নাম	শাখা /সেল / প্রকল্প	মন্তব্য
	Desltop Computer with Monitor	908,915, 926,206 0	20			Active
	A/D and D/A Convertor Trainer	913	1			Active
	Power Electronics Trainer	914	1			Inactive
	UHD Interactive Flat Panel Display	2091	1			Active
	Interactive smart board	2055	1			Active
AD LAB	Multimedia Projector	926	1	Student	Govt.	Inactive
	Digital Communication Training System	913	1			Inactive
	Logic Circuit Trainer	2062	1			Active
	Multimedia Projector With Cheiling Installation	2096	4			active
	DE Humidifier	410	1			Inactive
	Logic Gate Tutor	2062	2			Inactive
	Fan		12			Active
	Light		15			Active
	Table		34			Active
	Chair		26			Active

**Name of the Craft Instructor in charge of PD Lab:**

<b>S N</b>	<b>Picture</b>	<b>Name</b>	<b>Designation</b>	<b>Mobile No</b>	<b>Email Address</b>
1		Akib Ziauddin Chowdhury	Craft Instructor (Tech/Lab) Electronics Technology (1 <sup>st</sup> Shift)	<b>01877194827</b>	akib.cvasu@gmail.com
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