



Empowering Education

Laboratory Furniture

www.labkafe.com

Lab Bench

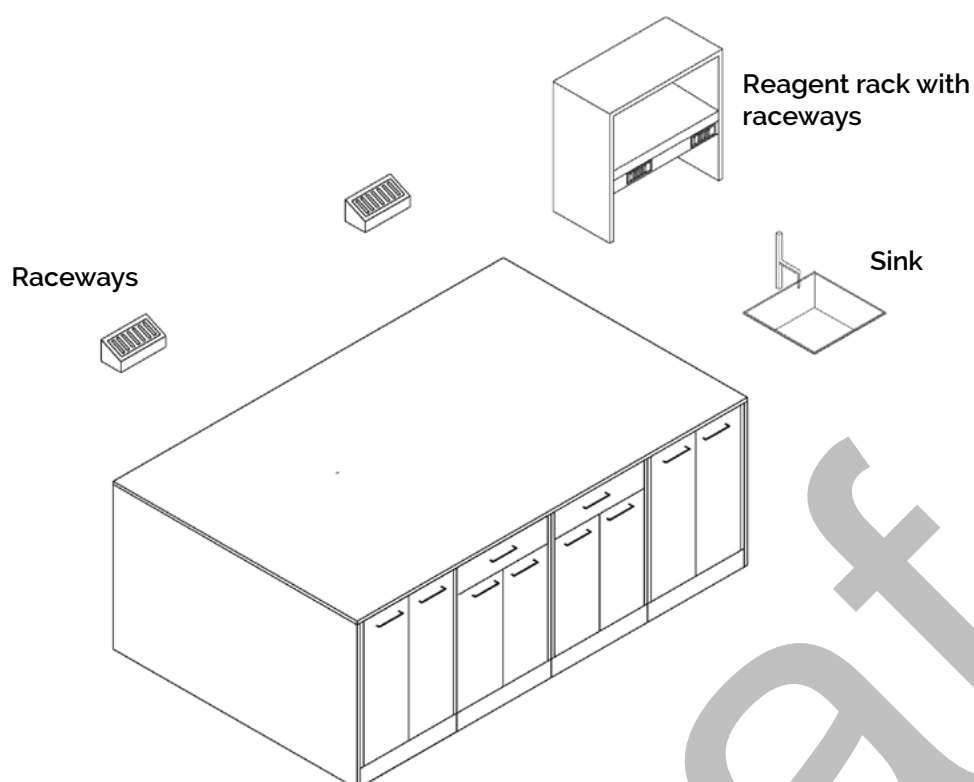
A lab bench is the backbone of a laboratory. All the equipment, glassware, chemicals etc are kept on top of it and experiments are performed on it.

We provide Cold Rolled Close Annealed (CRCA) and Medium Density Fiberboard (MDF) made modular lab benches with customisation options depending upon lab requirement, room constraints etc.

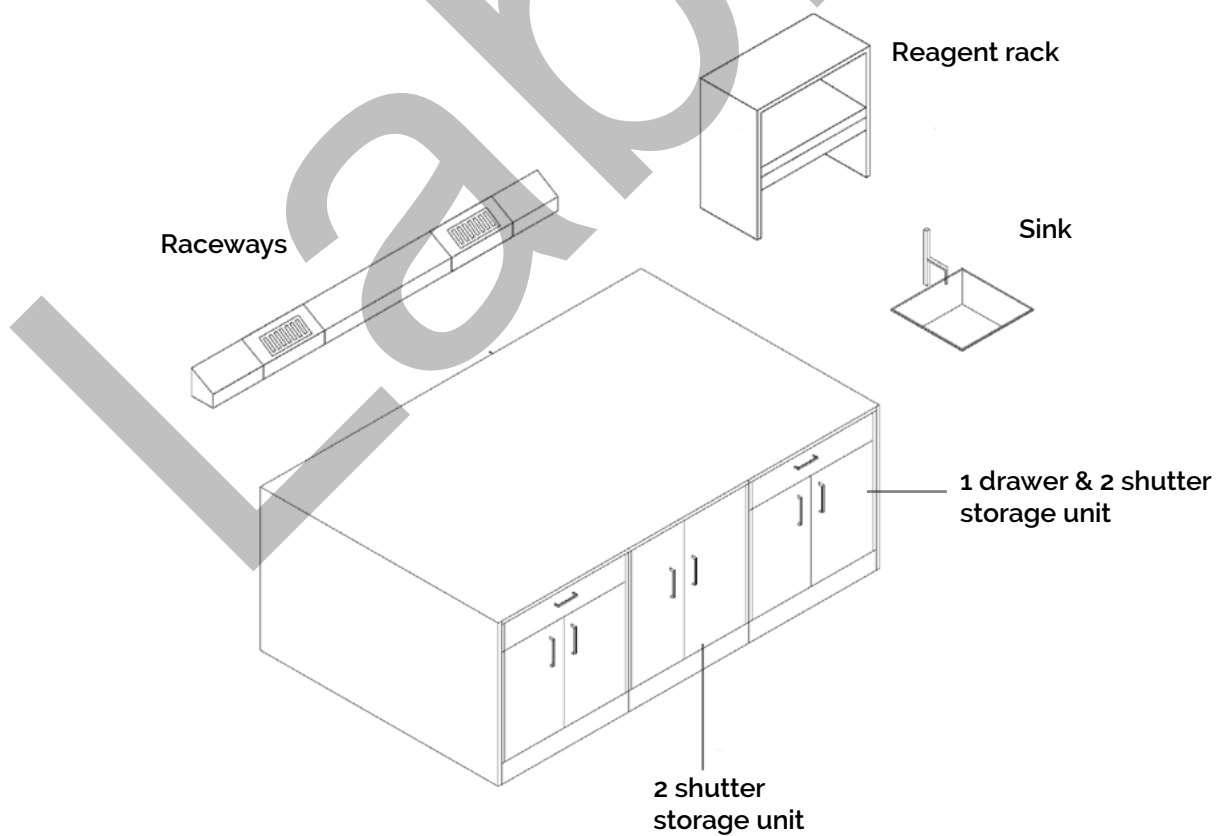
Depending on types of experiments to be done, labs are categorised as dry labs and wet labs. For example Chemistry and Biology labs are considered wet labs as experiments performed here deals with high temperature, corrosive chemicals and wet conditions. So it is considered as wet lab. However in Physics lab, no chemicals or water based experiments are performed so it is considered as dry lab.



Customisation options for CRCA lab benches



Customisation options for MDF lab benches



CRCA lab bench options



MDF lab bench options



CRCA island lab bench for wet labs



LCWI1W

Customisation Options	
Standard Dimension	2400*1500*900mm
Custom Dimension	Length starts from 2400mm. Depth from 1200mm to 1500mm. Height from 750mm to 900mm.
Table Top	Granite
Base Cabinet No	8, 6, 4, 2 or 0
Base Cabinet type	Combination of 1 drawer 2 shutter & only 2 shutter
Reagent Rack No	1
Reagent Rack type	With 4 numbers of 16/6 Amp electrical switches & sockets
Sink No	2 or 1
Sink Type	Polypropylene
Faucet Type	Brass



8 base cabinet - 1 Sink
LCWI1W-8/1S



8 base cabinet - 2 Sink
LCWI1W-8/2S



6 base cabinet - 1 Sink
LCWI1W-6/1S



6 base cabinet - 2 Sink
LCWI1W-6/2S



4 base cabinet - 1 Sink
LCWI1W-4/1S



4 base cabinet - 2 Sink
LCWI1W-4/2S



2 base cabinet - 1 Sink
LCWI1W-2/1S



2 base cabinet - 2 Sink
LCWI1W-2/2S



No base cabinet - 1 Sink
LCWI1W-N/1S



No base cabinet - 2 Sink
LCWI1W-N/2S

CRCA island lab bench for dry labs



LCWI1D

Customisation Options	
Standard Dimension	2400*1500*900mm
Custom Dimension	Length starts from 2400mm. Depth from 1200mm to 1500mm. Height from 750mm to 900mm.
Table Top	Granite
Base Cabinet No	8, 6, 4, 2 or 0
Base Cabinet type	Combination of 1 drawer 2 shutter & only 2 shutter
Electrical Raceway No	2
Electrical Raceway type	With 2 numbers of 16/6 Amp electrical switches & sockets

8 base cabinet
LCWI1D-86 base cabinet
LCWI1D-64 base cabinet
LCWI1D-42 base cabinet
LCWI1D-2No base cabinet
LCWI1D-N

CRCA wall facing lab bench for wet labs



LCWW1W

Customisation Options	
Standard Dimension	2400*750*900mm
Custom Dimension	Length: Starts from 2400mm Depth: 600mm to 750mm Height: 750mm to 900mm
Table Top	Granite
Base Cabinet No	4, 3, 2, 1 or 0
Base Cabinet type	Combination of 1 drawer 2 shutter & only 2 shutter
Reagent Rack No	1
Reagent Rack type	With 2 numbers of 16/6 Amp electrical switches & sockets
Sink No	1
Sink Type	Polypropylene
Faucet Type	Brass



4 base cabinet - 1 Sink
LCWW1W-4/1S



3 base cabinet - 1 Sink
LCWW1W-3/1S



2 base cabinet - 1 Sink
LCWW1W-3/1S



1 base cabinet - 1 Sink
LCWW1W-1/1S



No base cabinet - 1 Sink
LCWW1W-N/1S

CRCA wall facing lab bench for dry labs



LCWW1D

Customisation Options	
Standard Dimension	2400*600*900mm
Custom Dimension	Length: Starts from 2400mm Depth: 600mm to 750mm Height: 750mm to 900mm
Table Top	Granite
Base Cabinet No	4, 3, 2, 1 or 0
Base Cabinet type	Combination of 1 drawer 2 shutter & only 2 shutter
Electrical Raceway No	2
Electrical Raceway type	With one 16/6 Amp electrical switches & sockets

4 base cabinet
LCWW1D-43 base cabinet
LCWW1D-32 base cabinet
LCWW1D-21 base cabinet
LCWW1D-1N base cabinet
LCWW1D-N

MDF island lab bench for wet labs



LMWI1W

Customisation Options	
Standard Dimension	2400*1200*900mm
Custom Dimension	Height: 750mm to 900mm
Table Top	Granite
Base Cabinet No	6, 4, 2 or 0
Base Cabinet type	Combination of 1 drawer 2 shutter & only 2 shutter
Reagent Rack No	1
Reagent Rack type	Without electrical raceways
Sink No	2 or 1
Sink Type	Stainless Steel
Faucet Type	Stainless Steel



6 base cabinet - 2 R.Rack -
2 Sink
LMWI1W-6/2R/2S



6 base cabinet - 2 R.Rack -
1 Sink
LMWI1W-6/2R/1S



6 base cabinet - 1 R.Rack -
2 Sink
LMWI1W-6/1R/2S



6 base cabinet - 1 R.Rack -
1 Sink
LMWI1W-6/1R/1S



4 base cabinet - 2 R.Rack -
2 Sink
LMWI1W-4/2R/2S



4 base cabinet - 2 R.Rack -
1 Sink
LMWI1W-4/2R/1S



4 base cabinet - 1 R.Rack -
2 Sink
LMWI1W-4/1R/2S



4 base cabinet - 1 R.Rack -
1 Sink
LMWI1W-4/1R/1S



2 base cabinet - 2 R.Rack -
2 Sink
LMWI1W-2/2R/2S



2 base cabinet - 2 R.Rack -
1 Sink
LMWI1W-2/2R/1S



2 base cabinet - 1 R.Rack -
2 Sink
LMWI1W-2/1R/2S



2 base cabinet - 1 R.Rack -
1 Sink
LMWI1W-2/1R/1S



No base cabinet - 2 R.Rack
- 2 Sink
LMWI1W-N/2R/2S



No base cabinet - 2 R.Rack
- 1 Sink
LMWI1W-N/2R/1S



No base cabinet - 1 R.Rack
- 2 Sink
LMWI1W-N/1R/2S



No base cabinet - 1 R.Rack
- 1 Sink
LMWI1W-N/1R/1S

MDF island lab bench for dry labs



LMWI1D

Customisation Options	
Standard Dimension	2400*1200*900mm
Custom Dimension	Height: 750mm to 900mm
Table Top	MDF
Base Cabinet No	6, 4, 2 or 0
Base Cabinet type	Combination of 1 drawer 2 shutter & only 2 shutter
Electrical Raceway No	2
Electrical Raceway type	With 2 numbers of 16/6 Amp electrical switches & sockets

6 base cabinet
LMWI1D-64 base cabinet
LMWI1D-42 base cabinet
LMWI1D-2No base cabinet
LMWI1D-N

MDF wall facing lab bench for wet labs



LMWW1W

Customisation Options	
Standard Dimension	2400*600*900mm
Custom Dimension	Height: 750mm to 900mm
Table Top	Granite
Base Cabinet No	3, 2, 1 or 0
Base Cabinet type	Combination of 1 drawer 2 shutter & only 2 shutter
Reagent Rack No	1
Reagent Rack type	Without electrical raceways
Sink No	1
Sink Type	Stainless Steel
Faucet Type	Stainless Steel

3 base cabinet
LMWW1W-32 base cabinet
LMWW1W-21 base cabinet
LMWW1W-1No base cabinet
LMWW1W-N

MDF wall facing lab bench for dry labs



LMWW1D

Customisation Options	
Standard Dimension	2400*600*900mm
Custom Dimension	Height: 750mm to 900mm
Table Top	MDF
Base Cabinet No	3, 2, 1 or 0
Base Cabinet type	Combination of 1 drawer 2 shutter & only 2 shutter
Electrical Raceway No	2
Electrical Raceway type	With one 16/6 Amp electrical switches & sockets



3 base cabinet
LMWW1D-3



2 base cabinet
LMWW1D-2



1 base cabinet
LMWW1D-1



No base cabinet
LMWW1D-N

MDF island lab bench for wet labs



LMWI2W

Customisation Options	
Dimension	3000*1200*900mm
Table Top	Granite
Base Cabinet	6
Reagent rack with raceway	1
Sink No	2
Sink Type	Stainless Steel
Faucet Type	Stainless Steel

MDF island lab bench for Geography lab



LMWI3D

Customisation Options	
Dimension	2400*1200*900mm
Table Top	MDF
Base Cabinet	0
Raceway Points	0
Drawers	6

MDF wall facing lab bench for Geography lab



LMWW3D

Customisation Options	
Dimension	2400*600*900mm
Table Top	MDF
Base Cabinet	0
Raceway Points	0
Drawers	3

Table top options



Granite tops



MDF tops



Epoxy tops

Base unit colour options



Pedestal assembly



Drawer glide:
Telescopic smooth
functioning



Levelling bolt: For
accurate levelling



PP handle: Chemical
resistant, rust proof



Hinge: Sturdy &
ease for multiple
operations

Skirting assembly



C-frame assembly



Installations



Botany Laboratory,
Sido Kanhu Murmu University, Dumka

 **Labkafe**



Institute of Bioresource & Sustainable Development, Shillong

 **Labkafe**



Biochemistry Laboratory,
State Autonomous Medical College, Shahjahanpur

 Labkafe



National Institute of Pharmaceutical Education and Research, Kolkata

 Labkafe

Anti Vibration Table

Vibrations limit the performance of sensitive instruments in numerous applications. Thus the need to remove vibrations to optimize performance has become crucial. This is where **Anti Vibration Table** comes in handy.



LCTAV1

- Dimension: 750*750*950mm
- Custom designed rubber pads are provided below the granite & at the bottom of the table to absorb the vibrations
- 18 to 20 mm thick black granite table top
- Complete structure is finally powder coated with 80 microns thickness
- 2Hz natural frequency built-in air isolators
- Active self leveling and passive pump up versions
- Highly rigid laminated construction with damping core
- Low cost, easy to install and free from maintenance

Fume Hoods

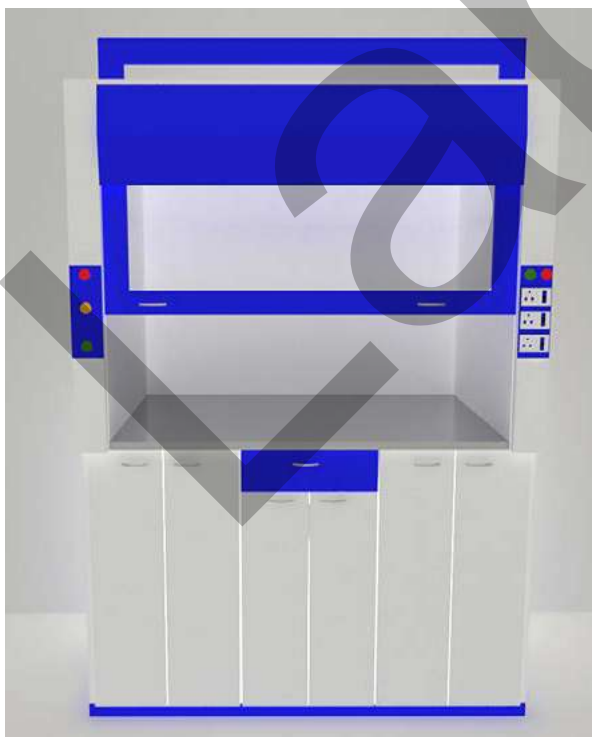
Fume hoods are designed to provide personnel protection from toxic or volatile chemicals by continuously delivering airflow away from the user to the work area. Air is then filtered and/or treated by the building's exhaust system before exiting the facility. It is an essential component in the laboratories.

**LKFH01A**

1500*940*2250mm

**LKFH01B**

1200*940*2250mm

**LKFH02A**

1500*940*2250mm

**LKFH02B**

1200*940*2250mm

Fume Hood Specifications

Design Structure	Aerodynamic, Floor mounted
Airflow type	Auto by pass type (for non AC labs)
Exterior Construction	1.2 & 1.5 mm heavy duty electro galvanized CRCA (as per IS: 513) sheets with epoxy powder coating and rigid structure.
Interior Construction	Chemical and Heat resistant, Fire retardant, Smooth finish, Easily Cleanable Panels made out of durable material integral work walls, 6 mm thick.
Front Top Panel	Easily open able hinged top panel for easy access to Flow control Valve and electrical lighting fixtures for maintenance.
Airfoil	Aerodynamic design. Horizontal airfoil mounted on the worktop made of 1.6mm thick CRCA sheet.
Worktop	Chemical resistant slash and spillage proof dished Jet black granite worktop (18 to 20 mm thick).
Sash (Shutter)	Vertical rising counter-balanced sash. Toughened Float Glass sash for full work area visibility (5 mm thick). Smooth and light sash operation. Clear operable height (750 mm).
Lighting	Fluorescent light (20 watt, 1 nos.) with vapour proof housing and fitting for proper illumination.
Electrical Utilities	3 Nos. of 5/15 amp electrical points shall be provided on the right side of the fume hood with tube light switch. Pushbutton starter and electrical connector shall be fixed on the top of the fume hood with all internal connections.
Working Surface & Drip Cup	19mm thick super black granite will be provided for the table top of fume hood also PP Small drip cup for the draining of water from the fume hoods.
Utility Services	Remote operated services fitting will be provided inside the fume hood with 1 Water, 4 Nos. for Gas.
Centrifugal Blower	1500 CFM Chemical & heat resistant PP+FRP blower with aerodynamically balanced impeller, with drain plug. Conforming to fume hood face velocity as required. Electrical motor 1.5 HP, 3 phase TEFC, IP55, Class F, direct drive foot mounted motor will be provided.

Fume hood assembly details



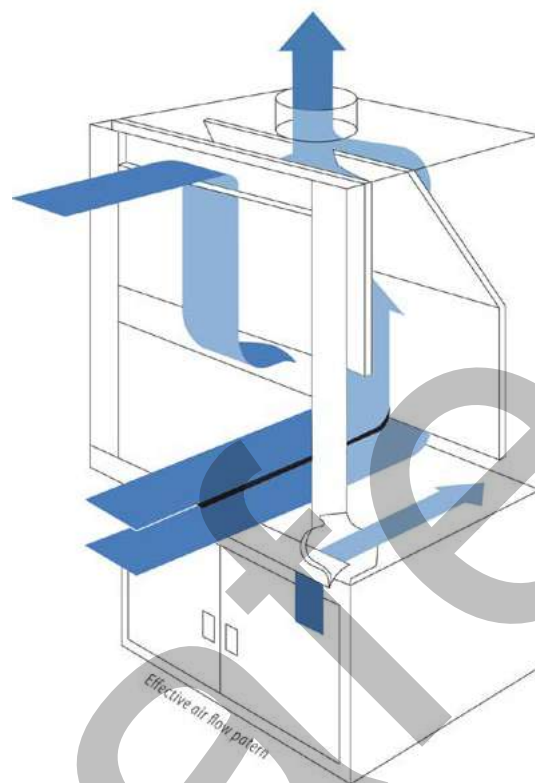
FH valve



Epoxy grid



Acid resistant linings



Organizations	Citation	Face Velocity
ACGIH	Industrial Ventilation 19th edition p.5.24	60-100 fpm
ASHRAE	1999 ASHRAE Handbook 13.5	60-175 fpm
ANSI/AIHA	ANSI/AIHA Z9.5, Sect 5.7	80-120 fpm
CALOSHA	CCR Title VIII Subchapter 7.5454.1	min 100 fpm
NRC	Prudent Practices P.187	80-100 fpm
NFPA	NFPA 45 6-4.5 & A6-1.5	80-120 fpm
NIOSH	Recommended Industrial Ventilation Guidelines p.166	100-150 fpm
NRC	NRC Guide 6.3	100 fpm
OSHA	29 CFR 1910 Appendix A Sec A.C.4.g	60-100 fpm
SEFA	SEFA 1.2 : 5.2	75-100 fpm

Fume hood performance



Ideal noise level <70 dB



Required average face velocity 0.5 m/s



Air flow monitor



Storage

**Glass Shutter Overhead Cabinet**

SKU Code	LMOCG
Dimension	600x400x600mm
Material	MDF with Glass
Shelves	1
Compartments	2

**Solid Shutter Overhead Cabinet**

SKU Code	LMOCS
Dimension	600x400x600mm
Material	MDF
Shelves	1
Compartments	2

**Glass Shutter Overhead Cabinet**

SKU Code	LCOCG
Dimension	600x400x600mm
Material	CRCA with Glass
Shelves	1
Compartments	2

**Solid Shutter Overhead Cabinet**

SKU Code	LCOCS
Dimension	600x400x600mm
Material	CRCA
Shelves	1
Compartments	2

Storage



Glass Shutter Full Height Cabinet

SKU Code	LMFCG
Dimension	900x450x1800mm
Material	MDF with Glass
Shelves	3
Compartments	4



Solid Shutter Full Height Cabinet

SKU Code	LMFCS
Dimension	900x450x1800mm
Material	MDF
Shelves	3
Compartments	4



Glass Shutter Full Height Cabinet

SKU Code	LCFCG
Dimension	900x450x1800mm
Material	CRCA with Glass
Shelves	3
Compartments	4



Solid Shutter Full Height Cabinet

SKU Code	LCFCS
Dimension	900x450x1800mm
Material	CRCA
Shelves	3
Compartments	4

Storage

**Slotted Angle Rack**

SKU Code	LCSAR
Dimension	900x450x1800mm
Material	CRCA
Shelves	3
Compartments	4

**File Cabinet**

SKU Code	LCFCD
Dimension	600x600x1500mm
Material	CRCA
Drawers	4

Seating



Low back stool

SKU Code	LMFCG
Seat Material	High-Density Foam Sponge Materials
Back Material	High-Density Foam Sponge Materials
Base	Powder coated MS
Features	Round Ring for Leg Rest, 360 Degree Revolving & Lift for Up-Down Movment.



Cushioned stool

SKU Code	LMFCG
Seat Material	High-Density Foam Sponge Materials
Seat Dia	16 inch
Base	Powder coated MS
Features	Round Ring for Leg Rest, 360 Degree Revolving & Lift for Up-Down Movment.



High back stool

SKU Code	LMFCG
Seat Material	High-Density Foam Sponge Materials
Seat Dia	16 inch
Base	Powder coated MS
Features	Round Ring for Leg Rest, 360 Degree Revolving & Lift for Up-Down Movment.



Fixed Chair

SKU Code	LC03
Seat Material	High-Density Foam Sponge Materials
Back Material	High-Density Foam Sponge Materials
Base	Powder coated MS
Features	Arm rest with cover & No Up-Down Movment facility

Seating

**Revolving Chair**

SKU Code	LC02
Seat Material	High-Density Foam Sponge Materials
Back Material	Nylon Netted Mesh
Base	Powder coated MS
Features	High Quality Fiber Arm Rest, Push Back Mechanism, Up-Down Height Adjustment, 90 Degree Tilt Lock & 360 Degree Revolving

**High Back Revolving Chair**

SKU Code	LC01
Seat Material	High-Density Foam Sponge Materials
Back Material	High-Density Foam Sponge Materials
Base	Powder coated MS
Features	High Quality Fiber Cushioned Arm Rest, Push Back Mechanism, Up-Down Height Adjustment, 90 Degree Tilt Lock & 360 Degree Revolving

**Medium back Fixed Chair**

SKU Code	LC04
Seat Material	High-Density Foam Sponge Materials
Back Material	High-Density Foam Sponge Materials
Base	Powder coated MS
Features	Arm rest with cover & No Up-Down Movement facility

Utility Services



Eye Wash

SKU Code	LKEW1
Material	Polypropylene
Details	Eyewash stations target just the eyes and therefore have a lower flow requirement. ANSI Z358.1 recommends a flow of 0.4 gpm also at 30 psi. The nozzles should be at least six inches from any obstruction and mounted between 33 and 45 inches above the floor.



Sink Unit

SKU Code	LKSU1
Dimension	900x750x900mm
Material	CRCA
Shelves	1
Compartments	2
Auxillary	1 Brass tap with PP sink



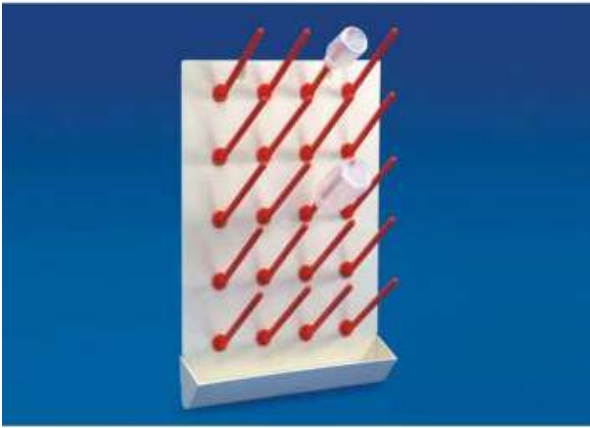
PP Sink

SKU Code	LKSP1
Dimension	600x450x300mm
Material	Polypropylene
Shape	Rectangular
Color	Black



SS Sink

SKU Code	LKSS1
Dimension	600x450x300mm
Material	Stainless Steel
Shape	Rectangular

**Peg Board**

SKU Code	LKPB1
Dimension	610x762mm
Material	Polypropylene
No of Pegs	20
Peg Length	150mmw

Laboratory Furniture

Complete range of lab furniture covering entire lab set-up like lab bench, cabinet, fume hood, anti vibration desk, sink etc along with design and installation.



Labkafe

Turnkey solution provider for institutes



Laboratory Equipment

All school & college laboratory equipment catalogued in packages designed by professionals as per respective boards (CBSE, ICSE, State boards etc.) for curriculum experiments.

CERTIFICATION

Certificate No.: DIPP11045



Department of Industrial Policy & Promotion
Ministry of Commerce & Industry
Government of India

CERTIFICATE OF RECOGNITION Department of Industrial Policy and Promotion

This is to certify that **ORIENTALLABS RETAIL SERVICES PRIVATE LIMITED** incorporated/ registered as a **Private Limited Company** on **27-05-2015**, is recognized as a startup by the Department of Industrial Policy and Promotion.

Date of Issue: 05-02-2019

Place of Issue: New Delhi

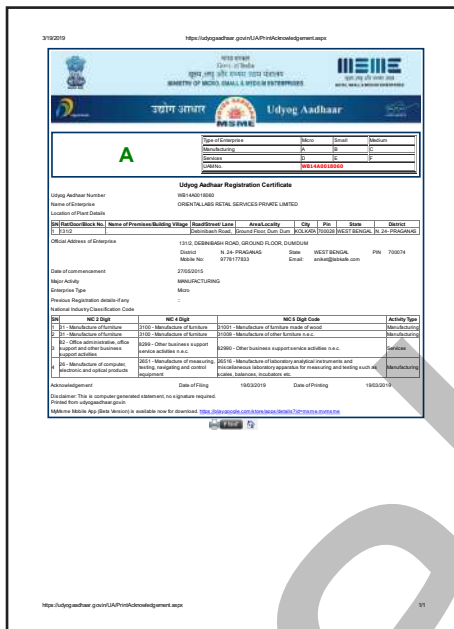
The certificate shall only be valid for the entity:

- Up to seven years from the date of its incorporation/ registration; and
- If its turnover for any of the financial years since incorporation/ registration has not exceeded Rs. 25 crores.

Note:

- **Authorities accepting this Certificate may check its validity on the Startup India portal (<https://www.startupindia.gov.in/>)**
- This certificate is not the Certificate issued by the Inter Ministerial Board and is NOT VALID for availing Tax benefits
- This is a system generated certificate and hence does not require physical signature
- If such recognition is found to have been obtained without uploading the relevant documents or on the basis of false information, DIPP reserves the right to revoke the recognition certificate immediately without any prior notice or reason.





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Bhabha Atomic Research Center, Mumbai



Armed Forces Medical College, Pune



National Institute Of Pharmaceutical Education And Research, Kolkata



Institute Of Bioresources And Sustainable Development



Central Forensic Lab, Dharamshala



Central Mechanical Engineering Research Institute, Durgapur



Indian Institute of Technology, Kharagpur



National Institute of Technology, Rourkela



National Institute of Technology, Durgapur



Super Speciality Cancer Institute & Hospital, Lucknow



Autonomous Medical College, Shahjahanpur



National Institute Of Ayurveda, Rajasthan



Autonomous State Medical College, Basti



Autonomous Medical College, Faizabad



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Bhawanipur Education Society, Kolkata



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G D Goenka Public School, Dhanbad



Delhi Public School

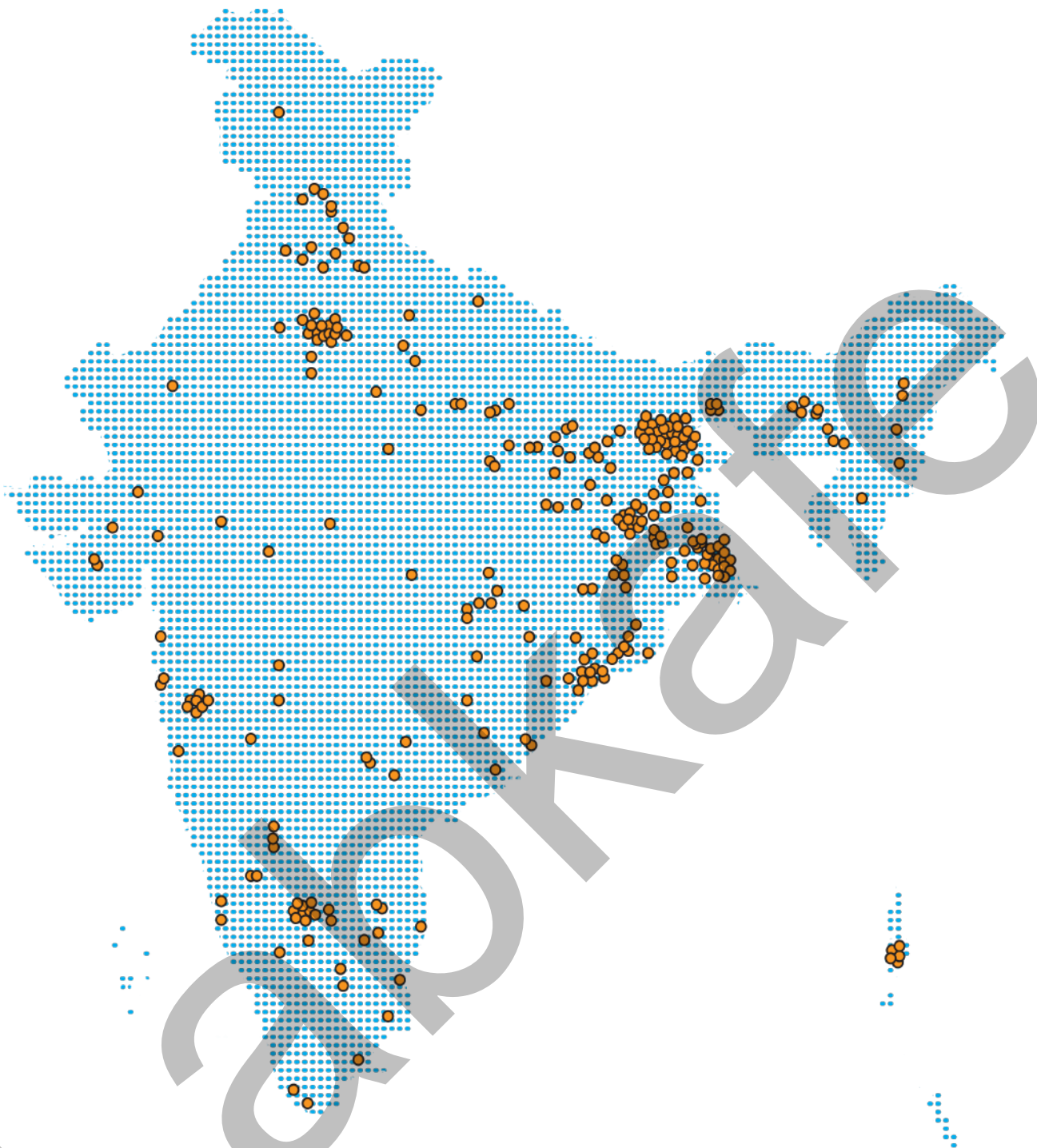


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1000+ Institutions served



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