



Maharashtra
State Innovation
Society



COEP's Bhau Institute of
Innovation, Entrepreneurship
and Leadership

COEP's Bhau Institute of Innovation, Entrepreneurship & Leadership

(TBI Supported by Department of Science & Technology, GoI)

&

(Maharashtra State Innovation Society, Govt. of Maharashtra)

The List of the services offered for COEP'S Bhau Startups Only

For availing the services or any queries please write to

manager.bhau@coeptech.ac.in

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1) Prerequisite

1. To avail the service offerings mentioned under point 1), 2) & 3), the startup should be physically incubated at COEP'S Bhau Institute
2. Rest of the services are available for all the startup incubatees
3. Equipment mentioned under point 3) are available with minimal usage/ consumables charges as directed by the department
4. Consumable charges should be borne by the startups.
5. All the rights and approvals are reserved with Bhau Management to allow the startups to avail the

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2)3D Printer:

Sr. No.	Name	Specification	Model	Make
1	Pratham 5.0	500*500*500	Pratham 5.0	Pratham

SOP of 3D Printer at Bhau Institute

The 3D printer is open for use exclusively to all the incubatees of Bhau institute from 10th February 2023. This document describes the necessary information for the users.

General Information

Model: Pratham 5.0

Material available to print: PLA (Polylactic Acid polymer) (No other material can be used currently)

Maximum size to print the 3D structure: 50 cm 50 cm 50 cm

Instructions for the user:

1. User must have output file of the structure to be printed in 3D in .STL format
2. Kindly send the .STL file to webmail.bhau@gmail.com
3. The operator will initiate the account section from Bhau to send the quotation by email based on the weight of the material consumption.
4. You can confirm the order by making the payment and sending the details of the payment by replying to the same email. You will receive the GST tax invoice for making the payment.
5. Then the operator will start the printing process and will revert to you once the item is ready.
6. After you are notified, you can pick up the item and will get the receipt of the item collection.

IMP Note: This facility is made available only for prototyping and not for mass production.

Rate of the 3D printing: 5 rupees/gram

3)Mechanical Equipment @ Maker's Lab:

Sr. No.	Name of the Equipment
1	Bench Grinder
2	Marble Cutter
3	Analog Vernier
4	Digital Vernier
5	Vice
6	FERM COMBI TOOL 160W CTM1017
7	FERM BENCH PILLAR DRILL TDM1026
8	Straight Grinder - GGS 3000L-0 601 224 0F0
9	Cordless Drill Driver - GSR120-LI - 0601 9F7 0K4
10	Hot Air Gun
11	Drill Machine
12	Other essential hand tools
13	Sheet Bending Machine (Maximum Sheet Size: 3 Feet, Thickness 4 mm 3 HP 3 Phase, Manual Lead Operated)
14	Hydraulic Bench Press Machine (Bed Size: 300x300mm, Punch: 50 mm Capacity: 5-10 Ton)
15	Pipe Bending Machine Pipe (type: Square and Round Pipe Maximum Square Pipe size: 40x40mm (1.5 mm thickness) Maximum Round pipe size: 40NB 1 HP Single Phase, Manual Lead Operated Total Dies: 6 Nos for square and round pipes)

4) Electronics Equipment @ Bhau:

Sr. No.	Name	Specification	Model	Make
1	DIGITAL MULTIMETER	34/5-digit True RMS auto ranging Digital Multimeter with RS 232 interface & Software	GDM-360	GW-Instek
2	DC Power Supply	30V/3A	U8001A	KeySight
3	Digital Storage Oscilloscope	100 MHz, 2 Analog Channels with built-in 20Mhz function generator	DSOX1102G	KeySight
4	Mixed Signal Oscilloscope	(4)1GHz analog channels +16 digital channels, , 5 Gsa/S Max Sample Rate, 8 bits, 10M record length, 1GHz spectrum analyzer, 50 MHz AFG, 4-digit DVM, Serial trigger and mask at any time,	MDO3104 + MDO3MSO + MDO3AFG +MDO3BND	Tektronix
5	Microwave Power Meter	Single Channel Power Meter, 10MHz to 18GHz	NRX Power Meter, NRP Power Sensor	Rhode & Shwartz
6	RF and Microwave Analog Signal Generator	SMB100A Signal Generator (Base Unit), SMB-B112 (Frequency Range 100KHz to 12.75GHz), SMB-K21 (Pulse Modulator), SMB-K23 (Pulse generator), SMB-K27 (Pulse Train for SMB100A)	SMB100A, SMB-B112, SMB-K21, SMB-K23, SMB-K27	Rhode & Shwartz
7	Arbitrary Function Generator	2-Ch, 25MHz Bandwidth, 250MSa/s sample rate, 16Mpts arb memory, 14-bit vertical resolution, 10Vpp to50ohm	AFG31022	Tektronix
8	RF Basic Spectrum Analyzer	9kHz-6.2 GHz	RSA306B	Tektronix

5)Equipment @ COEP:

3.1 Bhau Equipment @ COEP:

Sr. No.	Name	Specification	Model	Make
1	Metal Rapid prototyping machine	280*280*365mm Multi Laser(twin) Multi-material –Metal 3D Printing	SLM 280	SLM Solutions
2	Hybrid μEDM Machine	high precision, integrated multi-process machine tool for micro machining	DT-110i	Mikrotools

3.2 COEP Equipment @ COEP:

Please visit the below link and explore the Department > Laboratory Facilities to identify equipment available at COEP Laboratories. The use of this equipment is entirely dependent on the availability and prior approval from the department. This equipment is available with minimal usage/ consumables charges as directed by the department.

<https://www.coep.org.in/>

6)Software Services @ Bhau:

For availing the services listed in the below table mail should be sent to

manager.bhau@coeptech.ac.in

Sr. No.	Name	Requirement	Benefits
1	MatLab	Individual License	<ul style="list-style-type: none"> • 10 Licenses per company for MATLAB, Simulink and 90+ additional toolboxes • Engineering support from MathWorks experts
2	Simulink	Individual License	<ul style="list-style-type: none"> • MATLAB Central, a user community of 100,000+ members • Participate in opportunities to drive awareness of your product
3	MongoDB	Individual License	<ul style="list-style-type: none"> • \$3,600 in credits for MongoDB Atlas, our fully managed cloud database (valid for 12 months) • A dedicated technical advisor for 1:1 consulting • Co-marketing opportunities • Access to the MongoDB developer ecosystem, and more...
4	3DEXPERIENCE SOLIDWORKS & SIMULIA	Should be in LAN with server	<ul style="list-style-type: none"> • LAN based software for design and simulation. • Access to complete 3D Experience platform – learning module • Access to Tech Support
5	SolidWorks License	Individual License	<ul style="list-style-type: none"> • Dedicated solidwork liecense for individual startups.

7)Cloud Services @ Bhau:

For availing the services listed in the below table mail should be sent to

manager.bhau@coeptech.ac.in

Sr. No.	Name	Requirement	Benefits
1	AWS Amazon	Cloud based platform	<ul style="list-style-type: none">• Premium Support: As per startups business model• AWS credits through AWS partner for daily operations
2	ZOHO	Cloud based platform	<ul style="list-style-type: none">• Startups are eligible to avail upto 1.86 lakhs INR worth of Zoho Wallet credits for a period of 360 days*• These credits can be used to explore individual Zoho applications as well as for bundles like Zoho One, Remotely, Workplace, etc.• These credits can be used to explore individual Zoho applications as well as for bundles like Zoho One, Remotely, Workplace, etc.

8)Other Services @

For availing the other services listed in the below table mail should be sent to manager.bhau@coeptech.ac.in

Sr. No.	Name	Requirement	Benefits
1	FundEnable Toolkit Access	Bhau Incubatee	<ul style="list-style-type: none">• 12+ Hours of Online Learning Modules to understand the process of Fundraising• 100% customizable tools and templates for raising a round of funding
2	HBR Magazine Subscription	Bhau Incubatee	<ul style="list-style-type: none">• Digital subscription for Harvard Business Review magazine
3	Entrepreneur's India Magazine subscription	Bhau Incubatee	<ul style="list-style-type: none">• Magazine covering the details from Indian Entrepreneurial ecosystem is available in physical form at Bhau
4	Incubation Programs	Bhau Incubatee	<ul style="list-style-type: none">• 6 months dedicated incubation program from Seed Spark.• Wadhvani Liftoff• 6 Months dedicated incubation program from Success Alchemist
5	Display/Participation at various events and activities	Bhau Incubatee	<ul style="list-style-type: none">•

Interns/Team members hiring platform:

Bhau Institute in collaboration with “Engineers Connect” – an Edtech startup incubated at Bhau - is providing a **Smart Hiring Platform** with detailed analytics of candidates' skills to hire Interns/Team mates Faster and Better from Academic Institutions. Bhau Startups can leverage this platform and post the opportunities for the interns to work with them at the given portal with absolutely no charges with basic version. This will help startups to reach a wider target audience and get the required talent.

For availing the offering as listed above mail should be sent to manager.bhau@coeptech.ac.in

9) Startup Legal Compliance's Handbook

This is Kit for Legal Information, Compliance & Knowledge for Start-ups. Bhau is providing this information exclusively free for Bhau Startups.

For availing the Legal compliance's Handbook as listed above mail should be sent to manager.bhau@coeptech.ac.in

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