



ATAL INCUBATION CENTRE
CENTRE FOR CELLULAR
& MOLECULAR BIOLOGY

Invitation for proposals from MSEs/Innovators for working in the AIC-CCMB established at CSIR-Centre for Cellular and Molecular Biology, Hyderabad

AIMS AND OBJECTIVES

Innovation is the key for successful entrepreneurship. However, there are challenges in bringing innovative ideas to the markets. There are Start ups/MSEs with innovative ideas that may face difficulties in translation in to a marketable product/ process due to lack of an ecosystem for innovation including the sophisticated testing facilities, equipment/ infrastructure, intellectual support etc.

The Atal Incubation Centre-CCMB was established by the Atal Innovation Mission of NITI Aayog with an objective to foster industry-institution interaction and address the above problems faced in translational research by the startups thereby providing an eco-system for research and innovation in the country. The centre would provide business mentorship, technical support, infrastructure and sophisticated analytical as well advanced research equipment facility to the centre for carrying out competitive technological research to translate new ideas into marketable products as well as utilize the already developed technologies available in the CSIR laboratories for taking them to market.

Focus Areas of AIC-CCMB, Hyderabad

The **AIC-CCMB** has been set up in the area of 'Biotechnology and MedTech' to support startups carry out quality R&D in frontier areas of healthcare for diagnostics and biopharmaceuticals for cancer, infectious diseases etc. with the aim for development of diagnostic kits, bio-pharmaceuticals and medical devices.

How to Apply?

Proposals from MSEs/startups/innovators are invited by AIC-CCMB as per the enclosed Application Proforma. The filled proforma can be submitted anytime during the year to AIC-CCMB. The proposals shall be considered by a Management Committee (MC) constituted under the scheme. Only the proposals approved by the MC shall be allowed access to the facility and undertake project work on the agreed terms and conditions for development of innovative products and processes.



PROFORMA FOR PROPOSAL FOR UTILIZATION OF INCUBATOR

I. The Company Profile

- 1 Name and Address/Phone number of the Applicant/Company:
- 2 Company's Legal Status:
- 3 Name of Principal Investigator (PI):
- 4 Name of the MD/CEO/CTO
- 5 Educational Qualification and experience of PI:
- 6 Annual Turnover of the company (preferably last 3 years, to be supported with Annual Report)
- 7 Team & Expertise available:
- 8 Present activities of the applicant and R&D, if any

II. Technology/Product details

1. Project title:

2. Status of the work already carried out by the PI such as:

- a. Proposed products
- b. Technology already developed and tested
- c. Patents filed
- d. Market survey and business plan completed

3. Technology/Products

- i. Description of the product/technology/service required from CCMB/CRTDH
- ii. Innovation merit and uniqueness of the technology/product:
- iii. Category of technology/innovation (specify process/product/new Application):
- iv. If the idea involves use of existing intellectual property, give details of the owner and arrangements of sourcing the innovation and terms of its commercialization:
- v. Project summary giving broad details of the activities to be undertaken, action plan, major milestones/timelines, patenting of Innovation and expected duration of completion etc.
- vi. Please comment on the environment and safety aspects of the project / product.



III. Proposed Modalities of Engagement:

1. License patent/technology of CCMB/CSIR and product development
2. Product development, based IP of the company (if any), with intellectual participation by CCMB
3. Co-development of product/service/technology with CCMB Scientist
4. List of facilities available at DSIR-CRTDH-CCMB proposed to be used under your project: (leave blank if not known)
5. List of facilities available at CCMB campus proposed to be used under your project: (leave blank if not known)
6. End Product/Outcomes/Deliverables:
7. Any other information that you wish to share with us to help us in judging your proposal.

IV. Declaration:

I/we declare that all the statements made in this application are true, complete and correct to the best of my/our knowledge and belief. In the event of any information, found false or incorrect, my/our candidature will stand cancelled and all my/our claims will be forfeited.

Place:

Date: (Signature of the applicant)



Schedule 1

Facility	Make	Model
<ul style="list-style-type: none"> Liquid-chromatography 	Agilent	1260 Infinity
<ul style="list-style-type: none"> Super speed Centrifuge 	Thermo - Sorvall	LYNX 6000
<ul style="list-style-type: none"> Microplate multimode Reader 	TECAN	INFINITE M200 PRO
<ul style="list-style-type: none"> Filtration Unit 		
<ul style="list-style-type: none"> Protein purification system 	BioRad	Bio-Logic Duo Flow with UV-Vis Detector
<ul style="list-style-type: none"> Fluorimeter with Peltier 	Hitachi	F-7000
<ul style="list-style-type: none"> Minispin 	Eppendorf	Mini Spin
<ul style="list-style-type: none"> Water purification system 		
Refrigerated Incubator Shaker floor <ul style="list-style-type: none"> model 	Sciogenics Biotech	Orbitek LE4676
<ul style="list-style-type: none"> Laminar hoods (Bacterial and Cell biological) 	Fresh Air Flow Systems	FAFS-HLF-422 & FAFS-VLF-422
<ul style="list-style-type: none"> Block heaters 	Labnet	Accu Block
<ul style="list-style-type: none"> Nanodrop 	Thermo Scientific	Nano Drop One
<ul style="list-style-type: none"> UV-VIS Spectrophotometer with peltier 	Shimadzu	UV-2600
<ul style="list-style-type: none"> Speed Vac Concentrator 		
<ul style="list-style-type: none"> Binocular Microscope 	Nikon, Olympus	TS100, CX41
<ul style="list-style-type: none"> Incubator Table top model 		
Electrophoresis equipment [Vertical & <ul style="list-style-type: none"> Horizontal] with Power pack 	Bio-Rad	Power Pac Basic
<ul style="list-style-type: none"> Centrifuge[Table top] 	REMI, Thermo, Mega	ST40R, 40R, ST8R
<ul style="list-style-type: none"> Gel Documentation system 	Syngene, LiCor	G: Box, C-Digit
<ul style="list-style-type: none"> Freezer -20C 	Panasonic	U334
<ul style="list-style-type: none"> Freezer -80C 	Panasonic	U55V-PE
<ul style="list-style-type: none"> Liquid Nitrogen containers 	MVE, Antech	20IX2, 10IX1, 5IX2 and Cryo Master 750X2
<ul style="list-style-type: none"> Pipettes (Variable -3 sets, Multi channel -2 nos and pipet aids- 2 nos 		
<ul style="list-style-type: none"> Refrigerators 	LG	GL-T522GNSX
<ul style="list-style-type: none"> Hot air oven 	Samiksha Ind. Corp, Mumbai	BLS
<ul style="list-style-type: none"> Probe Sonicator 	Syclon	SKL-500D
<ul style="list-style-type: none"> Autoclave vertical 	Precision Electronics	PB-17



• Polytronhomogeniser	Dyna Ken	160W 8000-30000 RPM
• Thermomixer	Eppendorf	Thermo Micer C
• Heating mantles	Cyntex	250mL, 500mL, 1000mL
• Magnetic stirrers with hot plates	Heidolph	MR Hei Standard
• Balances top loading	Afcoset	FX-400
• Hot plate		
• Microwave oven	LG	MC3286BLT
• Ice flake maker		
• Video conferencing (4 h a month per party is included in agreement and usage beyond attracts charges)		Polycom
• Fermentor	Eppendorf	Bioflo 120
• Thermo Cycler	Applied Biosystems	Veriti
• Incubator Floor Model	Scigenics	CINC300L
• Vortex Mixer	Scientific Industries	
• CO2 Incubator	Thermo	Forma Steri-Cycle
• Horizontal Water Bath	Julabo	SW20C
• Labeling System	Focus	with GT-820 printer
• Trans Illuminator (Hand held & Bench Top)	UVP	UVLS-28 EL, 2UV
• Shaker	Wise Mix	RK-2D
• Blotter	Hoefer	TE77 PWR
• pH Meter	Metrohm	827 pH Lab