

Technology Business Incubator (Biotechnology Business Incubator and Rural Technology Business Incubator)

The main objectives are as follows:

- a) Create new jobs and reduce unemployment particularly in rural and biotechnology sector
- b) Promote entrepreneurship culture in Rajasthan
- c) Grassroots economic development across Rajasthan state
- d) Facilitate innovative business solution for un-met social needs
- e) Promote innovation to further strengthen the competitiveness especially in rural and biotechnology sector

Biotechnology and Rural Technology Business Incubation (BBI and RTBI) Model:

Biotechnology and Rural Technology business incubators are a powerful economic development tool. They promote growth through innovation and application of technology, support economic development strategies for small business development, and encourage growth from within local economies, while also providing a mechanism for technology transfer. The Technology Business Incubators would primarily focus on those technologies which needs support for commercialization and further proliferation **particularly in rural and biotechnology sector**. These can act as a growth driver in the low end spectrum of the incubation eco-system.

Support & Setting up of Technology Incubation Centres(Rural& Biotechnology Sector) :

The Incubation Centres will be set up at twin levels, i.e. supporting existing incubation centres operated currently at different recognized academic institutions /R&D institutions/Technology Centres under different Ministries and Departments of the Government of India or Institutions including State Government to set up such centre dedicated to incubation and enterprise creation in the area of rural and biotechnology based Industries and also new incubation centres to be set up by eligible private institutions including Industry Associations, along with the Academic Institutions, R&D laboratories, Universities, Government entities and Technology Parks. The existing incubators under different organizations, academic institutions /R&D institutions/Technology Centres would be required to provide built up covered space with electric power & water connections, any other forward / backward linkages and required manpower resources for both the centres to be created within the existing incubators and also for the new incubators.

A. Support for existing and setting up new Rural Technology Business Incubator (RTBI) in rural sector

- i. Support for existing Rural Technology Business Incubator
- ii. Setting up of New Rural Technology Business Incubator

Objective:

Rural Technology And Business Incubator (RTBI) will facilitate affordable technology development appropriate to the rural context, Enabling startup entrepreneurs to build rural inclusive business models, Mediating between urban enterprise and rural potential through rural database and research, Building models of best practices in sector specific business incubation and Focus sectors include Agriculture, Health, Finance, Education, Vocational Training, Business, Processing, Manufacturing and Information and Communication Technologies for rural India.

The core focus of RTBI will be Incubation. As an Incubator, RTBI's objective will be to identify, nurture and support entrepreneurs aspiring to evolve rural/social inclusive business models leveraging Information and Communication Technologies (ICT). RTBI looks at strengthening and supporting entrepreneurs whose start-up aims to have a larger and cascading impact on the rural and underserved populace. Developing depth and understanding of the underserved segments by sustained efforts (including a variety of independently funded initiatives) via grass root trials (involving technology creation, business modelling, service design, etc.) in areas like agriculture, education, financial inclusion, healthcare and livelihood etc.

Aim:

The aim of RTBI will be to support rural and social inclusive start-ups, primarily those that enable scalable products and services for the under-served and bottom-of-the-pyramid segment.

B. Support for existing and setting up new Biotechnology Business Incubation (BBI)

- i. Support for existing Biotechnology Business Incubator
- ii. Setting up of New Biotechnology Business Incubator

Objective

Government of Rajasthan has declared Biotechnology Policy in the year 2015. One of the key components of this policy is to generate employment, promote entrepreneurship among youths in the area of biotechnology and allied sectors. It will be done by promoting by providing financial support for new and existing BBI.

Funding (RTBI or BBI):

- i. One-time grant of 50% of cost of Plant & Machinery excluding the land and infrastructure or an amount up to INR 10 Lakh, whichever is less to be provided for supporting existing incubation centres under various Departments or government funded institutions to set up such centres dedicated to incubation and enterprise creation in the rural technology business incubation or biotechnology business incubation. This includes a provision of 10% towards refurbishment cost.
- ii. One-time grant of 50% of cost of Plant & Machinery excluding the land and infrastructure or an amount up to INR 30 Lakh, whichever is less to be provided for setting up of new incubation centres by eligible agencies dedicated to incubation and enterprise creation in the area of rural technology business incubation or biotechnology business incubation. This will include a provision of 10% towards refurbishment cost.

Guidelines for RTBI and BBI (Biotechnology and Rural Sector)

Eligibility for Proposal Submission:

- a) The proposal is to be submitted by an Academic/Technical/R&D Institution [called Host Institute (HI)] and other institutions with a proven track record in promotion of technology based entrepreneurship particularly in the area of biotechnology and rural technology sectors. The host institute is supposed to have adequate expertise and infrastructure to support incubation activities.
- b) In case, the host institute is other than an academic institution, it should be a legal entity registered in India with the clear purpose and objective of promoting research, innovation and entrepreneurial ecosystem. It would be desirable to have partnership with at least one academic institute of repute/ technical institutes of repute/institutions/government bodies engaged in promotion of innovation and entrepreneurship.
- c) The financial support for establishing a RTBI or BBII would be extended to a not-for-profit legal entity registered as a society/trust/section 8 company. DST encourages TBI to collaborate with an industry, an academic institution and with other institutions of repute focusing on innovation, research, commercialization and startup promotion. DST Rajasthan will not support for-profit incubators at present.
- d) The host institution should be in existence for at least 3 years. This will not apply to entities created by the central government or Rajasthan State government.
- e) A pure R&D proposal for academic pursuits and industrial consultancy will not be eligible for support.
- f) The proposals which are not complete or do not meet eligibility criteria will not be considered.

Submission of Proposal

(One hard copy + soft version in MS word document) in the prescribed proforma which is available at <http://www.dst.rajasthan.gov.in> along with the necessary enclosures in the prescribed proforma. It is to be sent to the following addresses: -

Director
Department of Science and Technology
Vigyan Evam Praudyogiki Bhawan
Shastri Nagar, Jaipur
Rajasthan

Enclosures to be submitted with the proposal by the institutions other than the Publicly Funded Institutions:

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| 1. | Registration Certificate of the Host Institute | One Copy |
| 2. | Memorandum of Association and Article of Association of the Host Institute | One Copy |
| 3. | Audited Statement of Accounts for the last three years | One Copy |
| 4. | Annual Reports for the last three year | One Copy |

Appraisal and Approval:

The proposals would be evaluated on the basis of merit and capability of the Host institution/candidate for promoting the TBI's in the areas of Biotechnology, Rural sector.

The following broad parameters will be used for evaluation of the proposals –

- a) Preparedness of Host Institute (HI)
- b) Team proposing at the HI and capability of HI in promoting startups and innovations in Biotechnology and Rural Sectors.
- c) Approach and Methodology to be adopted, innovative content and pipeline of potential incubatees.
- d) Assessment of realization potential of projected milestones, co-funding and sustainability of Biotechnology and Rural TBI (BBI & RTBI).

The financial support to the incubator would be limited to three years after which it should become self-sustainable. Continuation of support will be entirely performance oriented and subject to approval. The performance will be monitored both at quantitative and qualitative aspects. In case of significant shortfall in the progress, the support may also be terminated mid-term.

Pre-requisites for Release of Funds:

Once the proposal for incubators is agreed in-principle by DST Government of Rajasthan, the process for release of funds would be taken up after ensuring the following preparatory actions by the existing incubators and new incubators: -

1. Proof of Registration of RTBI or BBI as not for profit society/trust or a section 8 company. This applies to both - existing incubator or by the Institution/Agency/Entity/Trust who would set up the new incubator.
2. Earmarking of a "dedicated" minimum of 5000 sq. feet of built up space for hosting the RTBI or BBI under this scheme.
3. Creation of a separate interest bearing bank account under the name of registered RTBI or BBI as the case may be.

Implementation

- (i) After in-principle approval of the Department of Science and Technology Government of Rajasthan, for supporting a RTBI or BBI, the grant for RTBI OR BBI would be released only after ensuring that all pre-requisites have been fulfilled.
- (ii) The RTBI OR BBI will be administered by a Governing Body/ Board chaired by the Head of the Host Institution. The Governing Body of the RTBI or BBI should meet every six months to review progress of RTBI or BBI and provide policy guidelines for the operations of RTBI or BBI. HI and RTBI or BBI should ensure that the operations of RTBI or BBI are in line with the sanctioned proposal and activities are tailored to attain projected milestones. Adequate autonomy and flexibility should be given to the Chief Executive Officer (CEO) of the RTBI OR BBI for making speedy & transparent decisions.
- (iii) RTBI or BBI is a specialized facility, hence for its proper day to day operation and management, competent manpower must be recruited. Each RTBI or BBI would have a dedicated CEO & a compact team with domain knowledge and management expertise, working full time for RTBI or BBI.
- (iv) The RTBI or BBI would evolve a transparent system for selection of incubatees. The incubatees should be admitted fulfilling the admission criteria. RTBI or BBI should execute appropriate agreement with incubatees. The residency period and the exit policy may also be defined clearly in the agreement
- (v) Structure of RTBI or BBI: The RTBI or BBI should have a capacity to incubate at least 30 ventures at a time. It should have common facilities, labs, meeting rooms, video conferencing facility, high bandwidth net/WIFI, co-working space, recreational facilities, etc. Emphasis should be put in creating proper visibility of the RTBI or BBI through display boards in and around campus, and in social media. RTBI or BBI should work on building its in-house capabilities in conducting Accelerator/Startup-Resonators programs, funding startups, creating a mentor pool etc.
- (vi) Each RTBI or BBI is required to have a web-site of its own with details of its incubatees and should update it on a regular basis (at least quarterly).