National Institute of Technology, Tiruchirapalli – 15
Centre for Entrepreneurship Development and Incubation
(Established as section 8 company under companies act,2013)

CEDI NIT TRICHY

Call for NITT Faculty Proposal

Bridging Innovation: Transforming Academic Research to Market Ready Solutions

Seed Fund of Rs.25 Lakhs (Debt /Equity) for the potential startups

Theme
Transforming Research into Marketable Products through Collaborative Innovation and Creation

The call aims to create an opportunity for academic faculty to present their ongoing innovative research projects or ideas that address real-world problems. Students will be invited to collaborate with faculty members to transform these innovative research projects into viable market products. The goal is to foster a collaborative environment that encourages innovation, practical application, and entrepreneurship.

Structured to transform academic research into market-ready solutions, this process will facilitate the formation of multidisciplinary teams. These teams will bring together diverse skills and perspectives, enhancing the potential for innovative and commercially viable outcomes with significant sustainable social impact.

TARGET AUDIENCE

Academic Faculty: Faculty members with innovative project solving real world problems
Students: Undergraduate and graduate students interested in entrepreneurship and innovation.

KEY OBJECTIVES

Showcase Academic Research: Highlight ongoing innovative research projects by academic faculty that have the potential to solve real-world problems.
Foster Collaboration: Facilitate the creation of student-faculty teams to work on transforming research ideas into marketable products.
Promote Entrepreneurship: Encourage an entrepreneurial mindset among participants by providing mentorship and support for project development.
Facilitate Networking: Create opportunities for networking with industry experts, potential investors, and other stakeholders.

BENEFITS FOR PARTICIPANTS

Faculty: Gain exposure for their innovative research projects, receive feedback from industry experts, and collaborate with students to advance their research towards commercialization.
Students: Gain hands-on experience in product development, learn from faculty and industry experts, and develop skills in innovation and entrepreneurship.

APPLICATION PROCESS

Interested faculty members should submit a brief proposal outlining their innovative research project, its market potential, and how they envision collaborating with students. Highlight any preliminary results, potential applications, and plans for development.

WHO SHOULD APPLY

We invite faculty members from all disciplines who have innovative research projects with potential commercial applications. This call is an opportunity to showcase and collaborate with motivated students eager to contribute to transformative project.

EVALUATION

Proposals will go through a selection process and will be evaluated based on their innovation, market potential, feasibility, and the clarity of the collaboration plan and team size. Selected projects, subject to fulfilling the potential start-up criteria, will have the opportunity to showcase at an event for networking and collaborating with the students. After onboarding, shall receive mentorship and funding support for product development and commercialization through the CEDI Incubation Program based on the decision of the selection committee.

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PROPOSAL REQUIREMENTS:

Faculty Members interested in participating in the event are required to submit a proposal that includes the following items. Proposals should be submitted as a single PDF document with the following sections and upload in the link given below:

1. **Title of the Research Project/Innovative Ideas:** Provide a concise and descriptive title for your research project.

2. **Faculty and Team Information:** Include a brief biography of the faculty member(s) involved in the project, highlighting relevant expertise and experience. If applicable, mention any existing team members, including students, and their roles.

3. **Research Abstract:** A brief summary (250-300 words) of the research project, including the main objectives, research methods, and expected outcomes.

4. **Problem Statement:** Describe the real-world problem that your research addresses and its significance.

5. **Innovative Solution:** Explain the innovative aspects of your research and how it proposes to solve the identified problem.

6. **Project or Innovation Details:** Include detailed images, proof of concept, analysis, or additional information that supports the proposal and innovation.

7. **Market Potential:** Discuss the potential market applications of your research. Identify target markets, potential users, and the competitive landscape.

8. **Preliminary Results:** Highlight any preliminary results or findings that prove and support the feasibility and potential impact of your research/innovation.

9. **Collaboration Plan with Students:** Outline how you envision collaborating with students. Include the skills and expertise you are looking for in student collaborators.

10. **Development Roadmap:** Provide a plan for the development and commercialization of the research project/innovation. Include key milestones and timelines.

11. **Funding and Resource Requirements:** Detail any funding or resources required to advance the research project towards market readiness with an itemized breakdown focusing on product development and commercialization. Include potential sources of funding or partnerships if any.

12. **Expected Impact:** Describe the expected impact of your research on society, industry, or specific communities.

13. **Patent Information:** Indicate whether any patents have been filed or granted related to your research. If so, provide details on the patent status, patent number, and any relevant intellectual property considerations.

Submission Deadline: 31 October 2024

LINK TO UPLOAD YOUR PROPOSAL

https://forms.gle/z6PUvqJUcXgRk3Ha6