



# Visvesvaraya Research & Innovation Foundation

(A Section 8 company of Visvesvaraya Technological University, Belagavi)

## Where Ideas Transform into Impact



**Driving Innovation. Creating Impact.**

Empowering startups, researchers, and innovators  
to build scalable, real-world solutions for tomorrow.

# Vinyasa

## Nurturing Innovation & Entrepreneurship

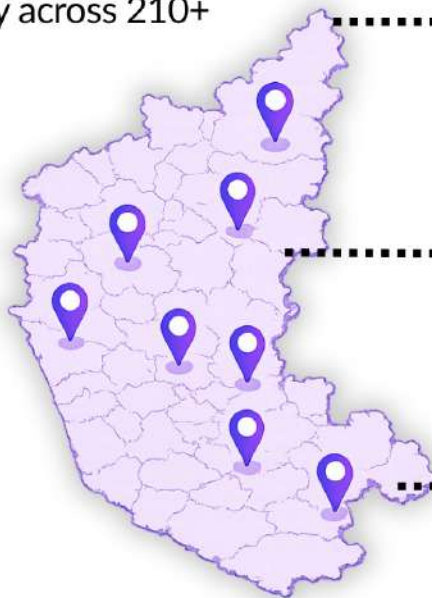
VRIF's flagship program focused on cultivating structured innovation, design thinking, and impactful problem-solving.

### Driving Innovation Across Karnataka



#### Faculty Development

Training 725+ Faculty across 210+ colleges



725+ Faculty Trained

210+ Colleges Reached

2396+ Students Engaged

### Fostering a Culture of Innovation & Problem-Solving



**Project-Based Learning:**  
Hands-on challenges addressing real-world issues



**Sustainable Development:**  
Prototypes aligned with goals that drive social and environmental impact



**Industry Collaboration:**  
Partnerships with leading organizations to provide mentorship and resources



**Empowering the Next Gen:**  
Skill building and experience fostering creative and attention skills

## Comprehensive Innovation & Entrepreneurship Program

SamShoDhana is a comprehensive innovation and entrepreneurship program by VRIF that provides students with a structured, multi-phase journey from ideation to enterprise creation. It is designed to nurture young innovators by equipping them with technical skills, research capabilities, and entrepreneurial mindset required to solve real-world problems and build scalable ventures.



### Impact

**2060+**  
Innovative  
Solutions

**1550+**  
Products  
Developed

With a strong presence across Karnataka, SamShoDhana has successfully trained over 725 faculty members across 210+ institutions, enabling them to mentor and guide innovation driven student projects.

## Structured Journey



**Skill Development**  
Bootcamps on AI, IoT, and Blockchain



**Research & Problem Identification**  
Work with government and industry stakeholders



**Innovation Development**  
Demo days, funding, and industry connections

01

02

03

# She Innovates

She Creates. She Leads. She Sustains.

She Innovates is a dedicated initiative by VRIF aimed at empowering female students to become leaders in innovation and entrepreneurship. The program focuses on identifying high-potential talent and providing them with the necessary skills, mentorship, and exposure to transform their ideas into impactful ventures. It is designed to bridge the gender gap in entrepreneurship and foster a new generation of women innovators.

## Impact

**5,000+**  
Female Students  
Engaged

**100+**  
Female Founders  
Emerged

The initiative has engaged over 5,000 female students, identifying the top 1% of talent and nurturing them through a structured innovation journey. More than 100 female founders have emerged through this program, contributing to a more inclusive and diverse startup ecosystem.



## Structured Journey



**Skill-Building**  
Foundational  
training in  
communication &  
critical thinking



**Domain-Specific  
Technical**  
Hands-on  
research &  
prototyping



**Validation &  
Exposure**  
Demo days, investor  
interactions, and  
selection of top  
founders

She Innovates is shaping the future of women-led entrepreneurship.

# VRIF's Launchpad

## Bring Ideas into Light & Convert them into MVPs

VRIF's Launchpad is a focused innovation support initiative designed to help early-stage ideas evolve into tangible products. It provides structured mentorship, access to markets, and financial support to enable innovators to transform their concepts into Minimum Viable Products (MVPs) or working prototypes. The program empowers participants to validate their ideas, build scalable solutions, and take their first step toward entrepreneurship.

## What the Program Offers

### Mentorship & Guidance

Participants receive expert mentorship from industry professionals and academic leaders to refine ideas, validate concepts, and develop strong foundations for their ventures.

### Market Access & Exposure

The program connects innovators with relevant market ecosystems, helping them understand real-world needs, user behavior, and industry expectations.

### Grant Support – ₹2.5 Lakh

Selected teams receive financial assistance of up to ₹2.5 lakh to support product development, prototyping, and early-stage validation.

## ELIGIBILITY CRITERIA

- Students and faculty from VTU and its affiliated colleges
- Open to individuals or teams with innovative and scalable ideas
- Maximum 5 student startups and 5 faculty startups selected every year



## Outcome

Participants successfully convert their ideas into MVPs or functional prototypes, enabling them to move forward toward startup creation, further incubation, or industry deployment.

# VRIF's TBI

## Building Startups Through Structured Incubation

VTU's VRIF Technology Business Incubator (TBI), funded by KITS, Department of IT & BT, Government of Karnataka, runs Navodaya – a structured 12-month startup incubation program supporting early and growth-stage startups in building innovative, scalable, and market-ready solutions through mentorship, infrastructure, and ecosystem access.



## Why VRIF's TBI

01. Government - Supported Ecosystem
02. Strong Academic Network
03. Startup Growth Support

## What we offer

### Mentorship & Strategic Guidance

Startups receive continuous mentorship from industry experts, entrepreneurs, and academic leaders to refine ideas, build business models, and navigate challenges effectively.

### Access to Funding Opportunities

Support in securing funding through grants, investor connections, and pitch platforms, enabling startups to accelerate development and growth.

### Market Linkages

Strong industry partnerships that help startups validate their solutions, access markets, and scale their operations efficiently.

### Incubation Support

Comprehensive support including workspace, technical assistance, business development, and continuous engagement throughout the startup journey.

# NAIN 2.0

## New Age Innovation Network

The New Age Innovation Network (NAIN) is a flagship initiative by the Government of Karnataka aimed at fostering innovation and entrepreneurship among students across educational institutions. VRIF plays a key role as a Project Monitoring Unit (PMU), enabling effective implementation, monitoring, and scaling of innovation activities across NAIN centers.

### Role of VRIF

As a PMU, VRIF is responsible for handholding institutions, monitoring student projects, and ensuring successful execution of innovation programs. It facilitates mentorship, industry connections, and ecosystem support to help transform ideas into working prototypes and startups.



### Program Highlights

#### 01. Funding up to ₹5 lakhs per project

NAIN provides structured support for student innovation, including funding of up to

#### 02. Support for multiple projects per institution

The program emphasises prototype development, intellectual property

#### 03. Focused on prototype development & IP creation

The program emphasises prototype development, intellectual property creation, and commercialisation.

# Prototype Development Facilities

## Prototype Development Facilities

At VRIF, we provide state-of-the-art prototype development facilities designed to support startups and innovators in building, testing, and scaling their ideas. Our Centers of Excellence (CoE) include specialized labs in robotics, data science, drone technology, IoT, and 3D printing, enabling innovators to develop cutting-edge solutions using advanced tools and infrastructure.

### 1. Robotics

The Robotics Lab offers a collaborative environment equipped with advanced tools and technologies for designing, developing, and testing innovative robotic solutions. Startups benefit from expert guidance and access to high-end equipment, enabling them to bring complex robotic ideas to life.



### 2. Data Centre

The Data Centre Lab serves as a hub for startups working in big data, cloud computing, and artificial intelligence. It provides access to powerful computing infrastructure and storage solutions, enabling efficient data processing, analysis, and scalable product development.

### 3. IoT CoE

The IoT COE at VRIF empowers startups to design and develop intelligent, connected solutions by leveraging advanced sensors, embedded systems, and cloud-based platforms. It provides hands-on access to modern IoT hardware, communication protocols, and real-time data integration tools, enabling innovators to build scalable and efficient applications.



### 4. Drone Technology CoE

The Drone Technology Centre of Excellence (CoE) offers a dedicated ecosystem for the design, development, and deployment of advanced aerial technologies. Equipped with state-of-the-art drones, simulation tools, and testing environments, the lab enables startups to innovate across applications such as precision agriculture, surveillance, mapping, disaster management, and logistics.

### 5. 3D Printing Facilities

The 3D Printing Facilities at VRIF provide startups with access to cutting-edge additive manufacturing technologies, enabling rapid prototyping and efficient product development. With high-precision printers and a range of materials, innovators can quickly transform concepts into tangible prototypes and functional components.



# Gallery



# Gallery



# Leadership Messages



**Dr. S. Vidyashankar**

**Vice-Chancellor, VTU & Chairman, VRIF**

Innovation drives progress at VRIF, we empower students and innovators with the tools and opportunities needed to transform ideas into impactful solutions for society and economic growth.



**Dr. Prasad B. Rampure**

**Registrar, VTU & Director, VRIF**

VRIF integrates innovation into academic frameworks, enabling hands-on learning while maintaining high standards, preparing students for success in technology and entrepreneurship.



**Dr. Ujwal U. J.**

**Registrar Evaluation, VTU & Director, VRIF**

At VRIF, we ensure quality and transparency in innovation. We support students growth and build a strong foundation for future-ready professionals.



**Mr. Santosh Ittanagi**

**Chief Executive Officer, VRIF's TBI**

VRIF focuses on strong systems, continuous mentorship, and effective execution to build a scalable and impactful innovation ecosystem across Karnataka.



**Visvesvaraya  
Research &  
Innovation  
Foundation**



## Address

**Visvesvaraya Research and Innovation Foundation.**

**VTU Belagavi, Silver Jubilee Bhavan, Jnana Sangam, Mache, Belgaum 590018**

Contact VRIF for more info - 7259318233, 9739444818 [www.vtuvrif.org](http://www.vtuvrif.org)