



Nurturing the
next generation of
innovative thinkers
& leaders.

2023
InUnity LLP
About InUnity - Our Pitch



InUnity - Innovation for Community

About 61.4% of the higher educational institutions are based in rural areas and an approx of 1 billion Indians reside there. If the demography dividend is banked on both of these categories,

- a) the larger segment of youth who are joining the workforce from tier 2/tier 3 regions and
- b) the development of rural areas

is there a way that these two larger segments can help each other grow mutually?

Higher education institutions perhaps could capitalise on the fortune at the bottom of the pyramid and empower a billion through building enterprises and products that do not focus on exploiting the Billion but instead on empowering them financially and hence, grow collectively. That's the core focus of Community Centric Education and InUnity (Combination of two words - INnovation for the commUNITY) serves as a catalyst for meaningful interactions between the higher educational institutions and the community, in order to co-create innovations that can have a positive impact in the world.

Democratising Innovation - By the communities, for the communities.

We focus on building regional ecosystems that enable, empower and sustain innovations stemming from the region. The development of such an ecosystem involves 4 stages.



1. Pick a Cluster and an anchoring region: The regions are picked based on the availability of Higher Educational Institutions, regional communities catering to nano, MSMEs, large companies and regional enablers (govt bodies, NGO's etc.)

2. Set up a Community Innovation Centre: Most of the regions will have an institution that qualifies as a Community Innovation Centre, in which case we anchor that institution as a nodal centre for community innovations or we set these up in case the region doesn't have a pre-existing centre.

3. Run programs that can catalyse interactions: This involves developing an entrepreneurial mindset, building business plans and developing products pertaining to regional challenges.

4. Community involvement in success stories: The products that have potential to scale are presented to the community for support in terms of usage or in terms of funding. Success stories are celebrated for more individuals to join the journey and ensure the cycle sustains.

Nurturing compassionate and competent leaders/entrepreneurs

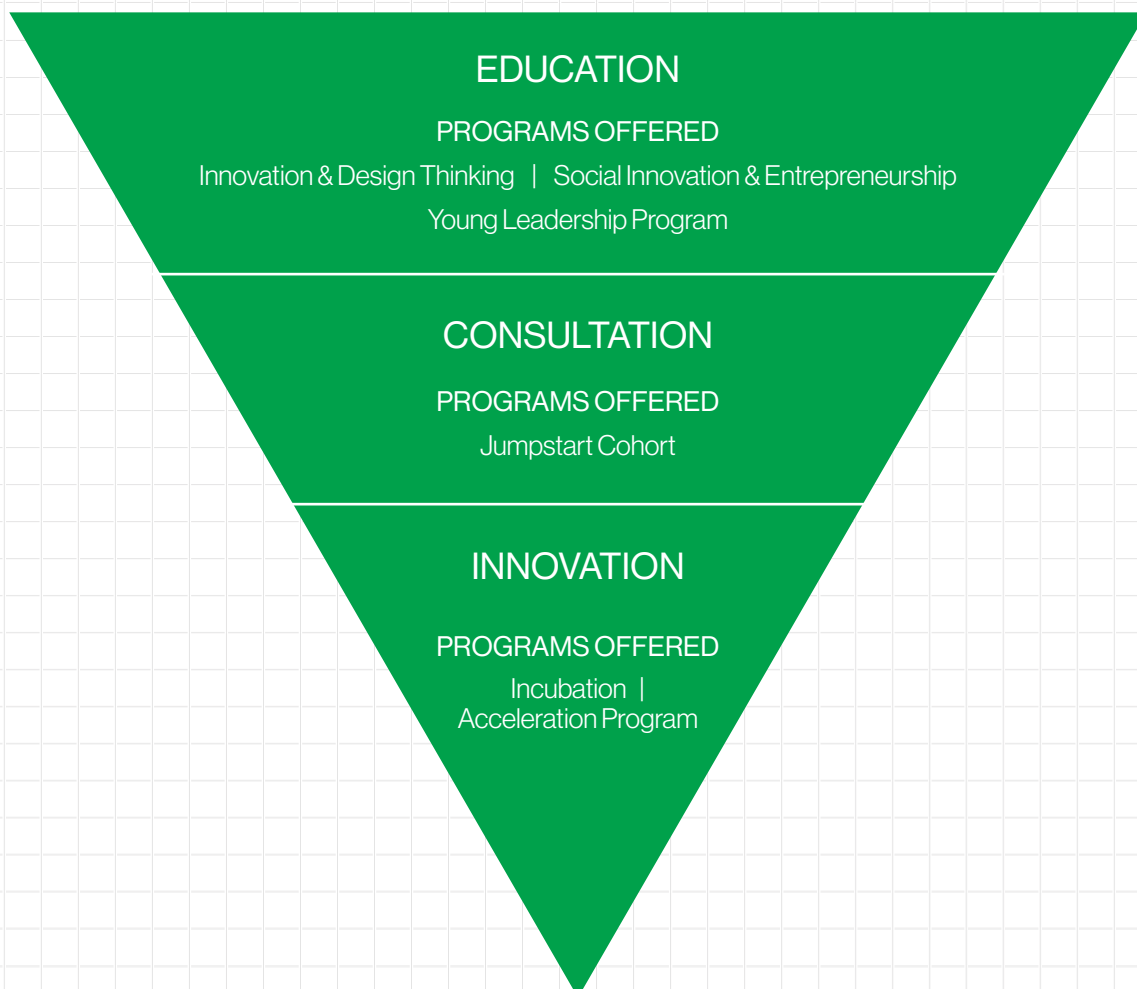
While we love enabling the entrepreneurial capabilities of the masses, we focus on individuals who have entrepreneurial or leadership traits and help them develop it through our programs until they find a large enough problem to invest their abilities on. This approach helps us create opportunities for many through a small group of competent and compassionate entrepreneurs and leaders.

Vision

We are on an audacious mission - To nurture **1000 Enterprises** by empowering 1 Million entrepreneurial youth to impact the next Billion.

Funnel Model - with program offerings

1. **Education** : Our programs are designed to nurture an entrepreneurial mindset in the youth, identify the most entrepreneurial candidates and build necessary competencies to take up entrepreneurship as a career.
2. **Consultation**: Our programs are designed to enable co-creation of products for the community's most pressing challenges along with grass root innovators, industry experts and compassionate youth.
3. **Innovation**: Our programs focus on identifying scalable business solutions and helping them reach masses by providing the youth with the right mentorship, funding and market access.



Our journey so far

33+

Regions Tapped

63+

Institutions Partnered

326+

Prototypes Developed

16,299+ Students Reached

1.2Cr+ Grants Received

Success Stories

4 student-driven startups have emerged from our programs;

1. **Effinity** - The most simple and inclusive Digital Nucleus for SMEs of India.

Currently part of the Google Startup Bootcamp, and have raised 25Lakhs.

2. **Prafal Agro** - Empowering rural economy through mushroom cultivation.

Incubated at Digital Impact Square, a TCS Foundation Initiative, at Nasik.

3. **Solukraft** - A Pharmaceutical startup dedicated to developing affordable and standard drugs.

Received mentoring from Shark Anupam Mitthal and a grant of 1Lakh rupees.

4. **Agnihotri** - An aeronautics startup.



Our Mission

To build a single platform that catalyses the most creative youth to co-create solutions for the most pressing challenge of the region.

Our Philosophy

When the youth are educated, the community is enlightened. When the communities are enlightened, the nation is empowered.

SDGs in Focus for India 2026



SDG 2: ZERO HUNGER - End hunger, achieve food security and improved nutrition and promote sustainable agriculture.



SDG 3: GOOD HEALTH AND WELL-BEING - Ensure healthy lives and promote well-being for all at all ages.



SDG 9: INDUSTRY INNOVATION AND INFRASTRUCTURE - Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation.



SDG 13: CLIMATE ACTION - Take urgent action to combat climate change and its impacts

Impact Through Collaborations

ComedKares



ComedKares has established eight state-of-the-art Innovation Hubs to empower students by developing problem-solving skills, training in emerging technologies, and creating community-benefiting solutions. Presently engaging over 4,000 students across five districts, these hubs have yielded 253 prototypes through collaborations involving 32 institutions. InUnity orchestrates structured programs at these hubs, offering hands-on experience with advanced technologies and equipping students for the future. InUnity has taken an active role in this endeavour, partnering with ComedKares to enhance the mission of the Innovation Hubs by delivering courses, workshops, and immersive prototyping experiences.



8

Innovation Hubs

4000+

Students Nurtured

253+

Prototypes Developed

Delhi Skill & Entrepreneurship University



In collaboration with DSEU, InUnity staged a comprehensive 10-day Faculty Training Program on Entrepreneurship, catering to 25 faculties from diverse disciplines across 30 programs. The primary objective was to equip these educators with the requisite knowledge and skills to nurture an entrepreneurial mindset among their students. Which in turn benefited more than 6000 students in Delhi's educational institutions. InUnity's dynamic partnership has further enriched the University's mission by lending additional mentoring support to the student projects and helped in developing entrepreneurship course curriculum.



19+

Institutions Partnered

6000+

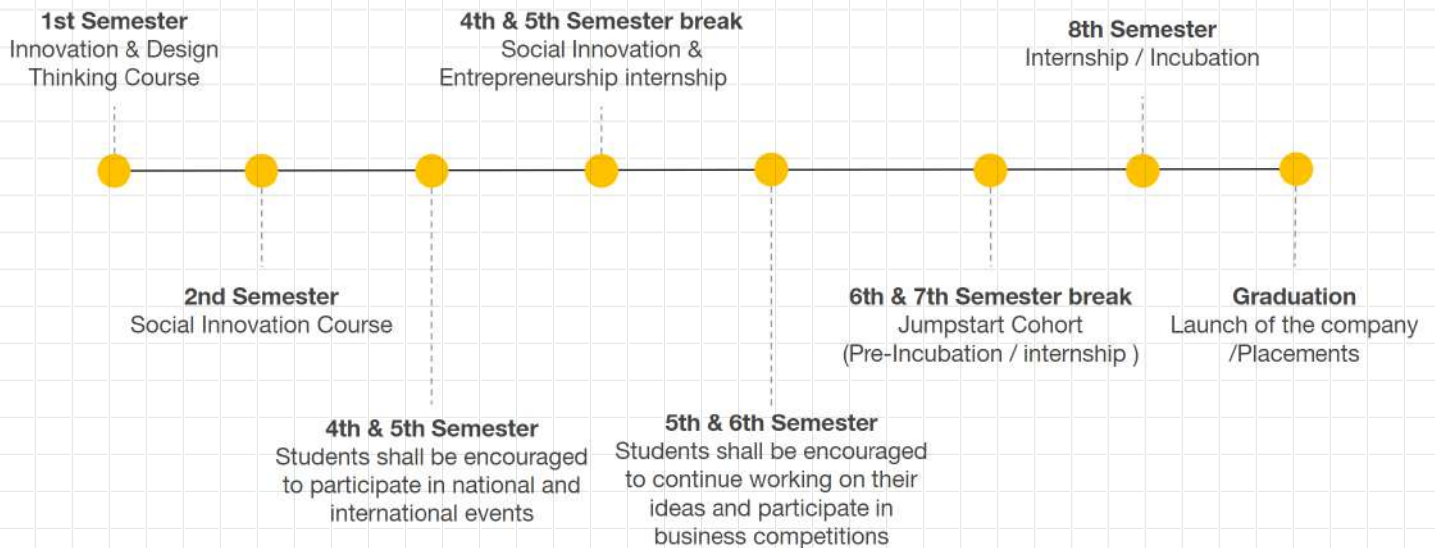
Students Nurtured

25+

Faculties Trained

Student Journey through our Programs

Immersive dynamic learning journey for the students, where engaging lectures, hands-on projects, and real-world projects await. Collaborate with a diverse community of peers, expanding their network and forging lifelong connections from project facilitator to mentorship by industry experts who will guide towards excellence. Students will embrace transformative experiences that challenge and inspire till they graduate and make a lasting impact.



Digital Platform to Learn on the Go

Accessible digital platform for on-the-move learning. Bite-sized lessons, interactive content, and multi-device access empower learners to acquire knowledge anytime, anywhere. Upgrade skills, pursue interests, and unlock new opportunities. At the end of the course get evaluation report based on your performance.



Our Course Offerings

Innovation and Design Thinking

A course that inspires you to tinker!

Course that inspires to have a deep understanding of design thinking principles and be able to apply them to generate innovative solutions. They will also be able to effectively collaborate with diverse teams and effectively communicate their ideas to a wide range of stakeholders. Furthermore, participants will develop a growth mindset, embracing uncertainty and embracing failure as opportunities for learning and growth.

Outcome

- Apply product design and development process to build prototypes
- Acquire essential design skills such as Sketching, CAD Modelling, and User interface design
- Understand concepts of Rapid prototyping and electronics circuit design
- Community problem identification and solution design

PROGRAM OVERVIEW

Hybrid course for Semester 1

Duration: 1 semester

30 hours content, 2 hours/week

3 - Case Studies | 1 - Field visit | 1 - Prototype

Course Overview

Week 1 - Getting Started With Prototyping

Week 2 - Paper Prototyping

Week 3 - UI/UX Design

Week 4 - Power Tools & Materials - 1

Week 5 - Power Tools & Materials - 2

Week 6 - Basic Electronics

Week 7 - Microcontroller

Week 8 - Coding With Arduino

Week 9 - 3D CAD Modelling

Week 10 - 3D Printing

Week 11 - CNC Machine, Laser & Vinyl Cutting

Week 12 - Prototyping Challenge



**COURSE PROMO
VIDEO**



**STUDENT PROJECT
VIDEO**



Our Course Offerings

Social Innovation Program

First step towards becoming a change maker!

Students are challenged to get out of their comfort zones and start engaging with the diverse sectors around the region. They learn from the numerous examples of social innovations taking place all over the world. By the end of the course, they build prototypes for the problems identified along with the concepts, mindset and skills that will enable them to start and evolve as change makers.

Outcome

- Create awareness to the local problems in the community
- Apply scientific methods to organise, analyse and define the problem
- Design solutions for the identified problem in partnership with the community
- Build solution prototypes

PROGRAM OVERVIEW

Hybrid course for Semester 1

Duration: 1 semester

30 hours content, 2 hours/week

3 – Case Studies | 1 – Field visit | 1 – Prototype

Course Overview

Week 1 – Design Thinking

Week 2 – SDG's & Social Innovation

Week 3 – Product Design and Development

Week 4 – How to conduct research

Week 5 – Problem selection and mapping

Week 6 – Field Visit and Interview Techniques

Week 7 – Problem Analysis

Week 8 – Ideation

Week 9 – Pricing, Costing, Accounting and Business Model Canvas

Week 10 – Prototyping Part - 1

Week 11 – Prototyping Part -2

Week 12 – Pitch Deck creation



COURSE PROMO Dream Rover



STUDENT PROJECT Lowen Women



Our Course Offerings

Social Innovation & Entrepreneurship

Develop viable business potential solutions and to build a functional prototype.

Participants will learn creative problem-solving techniques and design thinking principles to ideate and design effective solutions. They will develop an understanding of business models, considering revenue streams, cost structures, and sustainability. Throughout the course, participants will reflect on their experiences, gather feedback, and continuously iterate on their ideas and prototypes.

Outcome

- Develop skills in designing innovative and effective solutions.
- Business that have the potential for sustainable and scalable solutions.
- Develop skills in evaluating and iterating solutions based on feedback, data analysis, and market dynamics.
- Design and Develop functional prototype that showcases the proposed solution in action.

PROGRAM OVERVIEW

Hybrid course for Semester 3 & 4

Duration: 1 semester

30 hours content, 2 hours/week

3 – Case Studies | 1 – Field visit | 1 – Prototype

Course Overview

Week 1 : Introduction To Entrepreneurship

Week 2: Stakeholder Mapping Review

Week 3: Interaction With Sector Experts

Week 4: Root Cause Analysis Review

Week 5: Idea Generation

Week 6: Market Research

Week 7: Costing & Business Model Canvas

Week 8: Prototype Building

Week 9: Prototype Iteration Review

Week 10: Prototype Iteration

Week 11: Prototype Iteration Review

Week 12: Pitch Deck Creation



COURSE PROMO
Orgo Nex



STUDENT PROJECT
Drug Dispenser



Co-creating with stakeholders at the Innovation Hubs

Our centres are currently supporting 3 stakeholder projects, including the Sign card for visually impaired, R&D of Rubber Tapping tools, and Detection of neural signals to evaluate mind conditions.

CLIMATE ACTION INNOVATION CATEGORY - SDG 13

Innovation: Sanitary Pad Matka Incinerator



Location: **Banaswadi, Bengaluru**

De-Compostable sanitary pads and Matka incinerator to limit the toxic gases emitted due to incineration of used pads. Co-created with **Uma Rajeshwari, Environmentalist** and **Prabhu Byakod, CEO, Nature Care Solutions**

SANITATION INNOVATION CATEGORY - SDG 3

Innovation: Efficient way of cleaning cutlery wastes for recycling.



Location: **JP Nagar, Bengaluru**

Efficient way of cleaning cutlery wastes for recycling without direct contact with the bio-wastes. Co-created with **Reap Benefits, Non profit Organisation**

SME INNOVATION CATEGORY

Innovation: Mechanical Oil dispenser for spillage free oil transfer to container



Location: **Banaswadi, Bengaluru**

Mechanical Oil dispenser for spillage free oil transfer to containers for a small scale oil mill. Co-created with **Dr. Shashidhar Senior Scientist, University of Agricultural Sciences** and **Mr. Harish, Manager, Krishna Oil Mill, Bangalore**

Student-Led Startups Leading Change

HEALTHCARE INNOVATION CATEGORY - SDG 3

Innovation: User friendly microdispenser for delivery of the drug to treat warts.



Company: **SoluKrafts**

Mohammed Anees from Jumpstart - Cohort 1 received a micro-grant of **Rs. 1 Lakh** and mentorship from **Mr. Anupam Mittal** for the innovation in the biomedical space.

Co-created with **Father Mullers Research Institute**

AGRICULTURE INNOVATION CATEGORY - SDG 2 & 9

Innovation: Technology driven grow room for mushroom cultivation



Company: **Prafal Agro**

Shalvian John D'Souza and **Sathwik Kumar** from Team Prafal received a grant of **Rs. 50,000** from the **ICreate's Startup fund, Ahmedabad**. Prafal Agro has also been selected for the BCIC Emerging Stars "Namma Startup Awards - 2023" in the Campus startups category.

Co-created with **Krishi Vigyan Kendra**

MSME INNOVATION CATEGORY - SDG 9

Innovation: Customisable ERP solutions for SMEs



Company: **Effinity**

Shobith Mallya and **Sawan J Kotian** founders of Effinity are one of the 80 startups among 1500+ applicants to have been selected for **Google Developers Startup Bootcamp** - University edition. Effinity had also received financial support from the stakeholder of **Rs. 15 Lakh**.

Co-created with **Amith Cashews**

In-House Innovations

FMCG INNOVATION CATEGORY - SDG 3 & 12

Innovation: Replaceable toothbrush bristle head



Innovator: **Prakash Urs, Sr. Product Researcher & Developer**

Toothbrush with dynamic motion and replaceable bristle head to increase the lifecycle of the toothbrush plastic body and enhance the overall experience of brushing.

FMCG INNOVATION CATEGORY - SDG 3 & 12

Innovation: Amruthadhare - Milk Dispenser



Innovator: **Prakash Urs, Sr. Product Researcher & Developer**

Reduction of micro plastic generation through easy piercing and dispensing technology for milk packets for at-home usage.

INNOVATION CATEGORY - SDG 3

Innovation: Rubber Tapping Tool



Innovator: **Prakash Urs, Sr. Product Researcher & Developer**

Frequent damage inflicted on the delicate cambium membrane layer of rubber trees during the tapping process, resulting in diminished latex yield and potential long-term harm to the trees. An innovative tool has been developed for tapping rubber trees, which not only demands minimal skilled labour but also guarantees the preservation of the cambium layer.

Programs for Climate Action @ InUnity

InUnity is currently executing **3 major cohorts in collaboration with entities such as the Waste Impact Trust** and has collaborated with the **Central Board of Pollution Control India** to run specific programs for the youth to encourage **innovative waste management techniques** that can curb the pressure on landfills.

1. Relmage Waste Hackathon in collaboration with Waste Impact Trust



An immersive hackathon, prototyping and incubation experience, pioneered by Waste Impact Trust aiming to co-create innovative inclusive solutions for various aspects of the waste problem that is facing us. Each year RelmageWaste focuses on tackling one aspect of this multifaceted challenge on waste.

2. Climate Kranthi in collaboration with Global Alliance for Mass Entrepreneurship



A program solely dedicated to green youth entrepreneurship in Karnataka, that kickstarts with a hackathon to identify potential youth base to solve climate-related community issues, followed by **InUnity's Social Innovation Curriculum** with field immersion exercises and stakeholder sessions with the objective of providing acceleration support to **100 green youth entrepreneurs**.

3. Jumpstart InUnity @ Mangalore in collaboration with Global Alliance for Mass Entrepreneurship



The 3rd edition of InUnity's flagship program, running for a duration of 16 weeks in support of the Beyond Bengaluru initiative. This cohort focuses on **15 vetted startup ideas in line with SDGs 2, 3 9 and 13** and elevates the founding team by prioritising customer discovery, validating the existence of problems and thereby understanding the nuances of startups. The teams are provided with funding support on exceptional performance.

Be a part of our Growing Community



Collaborate as an Institution via Community Centric Education!

A course designed to equip youth with rapid prototyping skills; nurture compassion, foster creativity, critical thinking, communication and collaboration to work with communities and build impactful solutions.



Join as a Mentor via Innovation for Community Cohort

With the guidance of experienced mentors, changemakers can bring their unique ideas to the table and bring about meaningful impact in their communities, which further creates a ripple effect of positive change for the community.



Onboard as a Partner via One Mission One Impact!

This initiative provides a platform for partners to leverage their individual strengths, pool resources, share knowledge and work towards a common goal to create a larger impact than what could be achieved in silos.

Proposals Underway

- State Entrepreneurship Model in Maharashtra in partnership with GAME
- Franchisee Model in India with GAME
- District Innovation Model in Wadhwani Foundation
- Community Innovation Center at Ujire with Servify

Our Allies in Driving Impact



COMED KARES
Community Centric Education



Karnataka Digital
Economy Mission



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PROMO VIDEO

