BHAU Institute

IGNITED INNOVATORS OF INDIA 23-24

Fuelling ideas, propelling innovation.

About the i2i Initiative

The nation's largest social entrepreneurship community with a standing legacy of over 15 years, i2i is a distinctive initiative of Bhau Institute, exercised by the work of a well-defined network of student ambassadors, both at COEP and beyond.

Eaton India Corporation has been the sponsor of our i2i program for the past 10 years, and alongside Bhau-COEP, has extended funding, mentoring and networking support to the participants at every stage of the project lifecycle.

For more details on how i2i functions, see overleaf.
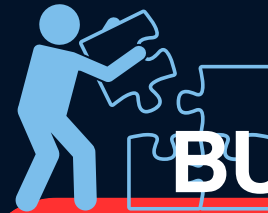
How i2i works
(In a nutshell)

IDEATE

Projects submit their proposals

FUND

Selected projects are given basic funding allowance of Rs.7000/- each, fully at their disposal.

BUILD

Projects build their prototypes

PRESENT

Ambassadors of i2i extensively assess each project after the given duration, alongside an EATON-assigned mentor.

REWARD

Projects that have:
- **a working prototype**
- **an innovative plan to proceed**
- **effective teamwork and**
- **in-depth knowledge about their chosen project;**

are called to COEP to present their ideas to a panel of expert judges to win, and a chance to network.

The i2i Flow

400+ ideas

Preliminary
(by i2i team)

100+ ideas

Eliminations
(by i2i team)

40 ideas

Assessment
(by experienced
Judge panel)

Winners

A bit about the Eaton India Foundation

Eaton India Foundation was registered as a Public Charitable Trust under The Maharashtra Public Trusts Act, 1950 in July 2015. The Foundation supports welfare programs for needy sections of public and strives to achieve the Corporate Social Responsibility goals of Eaton Group companies in India.

Eaton India Foundation is governed by the board of trustees of the foundation, who are ex-officio leaders of Eaton companies in India.

Themes and Focus Areas of CSR Programs

The CSR themes of Eaton India Foundation are derived from the Eaton CSR Policy of 2015 and governed by the Trust Deed of 2015.

As per the CSR policy, Eaton aims to fulfil civic responsibilities and strengthen communities in which the company operates. The company's commitment is to uphold far-reaching and long-term sustainability standards. The CSR activities in India are focused on empowering the communities in three basic themes – Health, Environment and Education.

Projects Registered for i2i 23-24

Area of Maharashtra	Count
Amravati	162
Pune	172
Loni	21
Shegaon	18
Sambhajinagar	11
Sangli	9
Nandurbar	9
Nagpur	9
Mumbai	9
Others	16
Grand Total	**436**

Pune 39.4%
Amravati 37.2%
Loni 4.8%
Shegaon 4.1%
Sambhajinagar 2.5%
Nagpur 2.1%
Others 3.7%
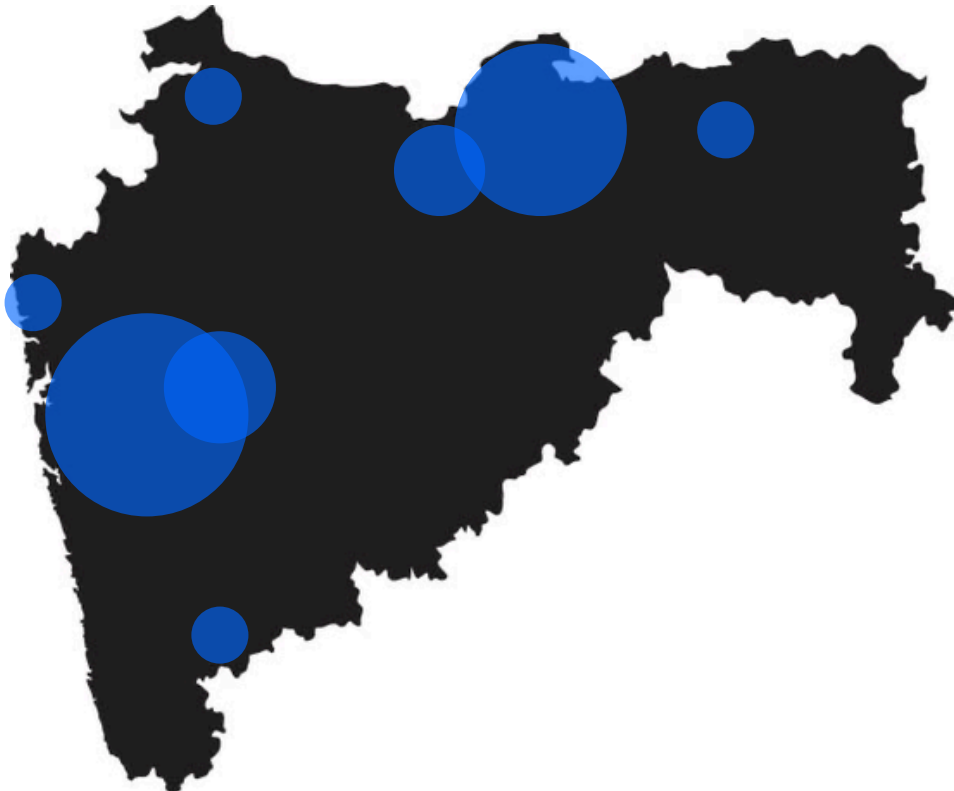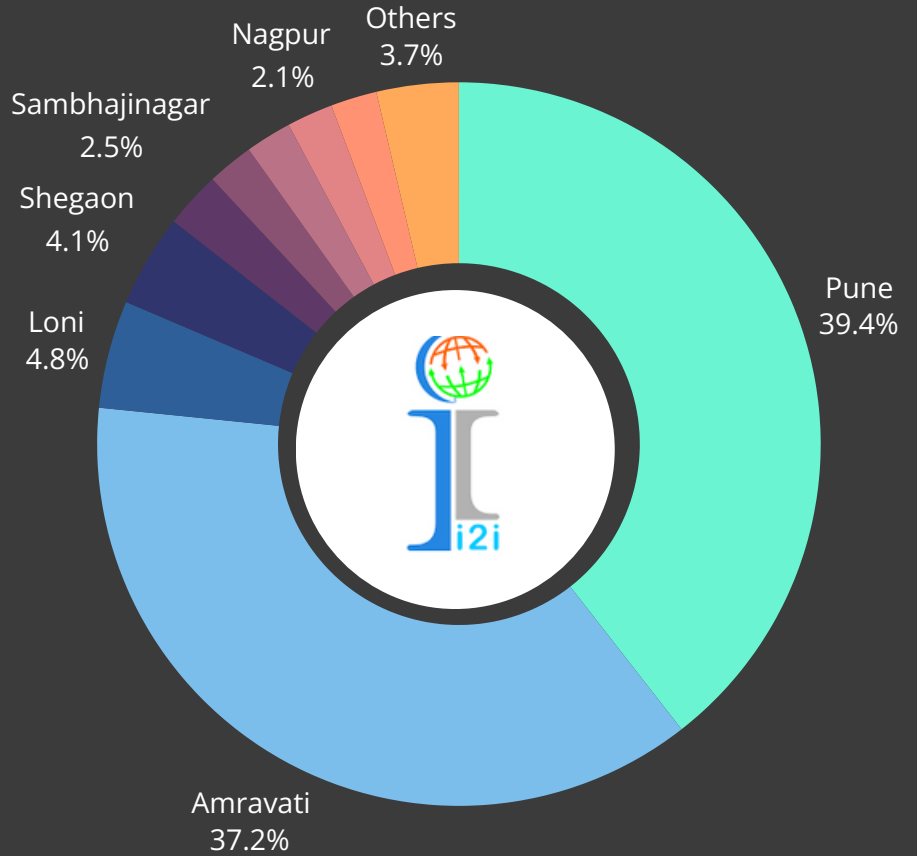
Projects Selected for funding in i2i 23-24

Here at i2i, we broadly divide each project into 6 sector buckets.

- This year, 100+ projects were selected after methodical scrutiny of registered projects.
- These 100+ projects were chosen as to represent each of their sectors and create a diverse portfolio of projects receiving funds.
- Every one of these projects was provided with a Rs.7000/- allowance to build their prototype and present it to our team of i2i ambassadors within a given timeframe.

Educational
15.2%

3H
14.1%

Agriculture
19.2%

Entrepreneurship
11.1%

Technology
22.2%

Environment
18.2%
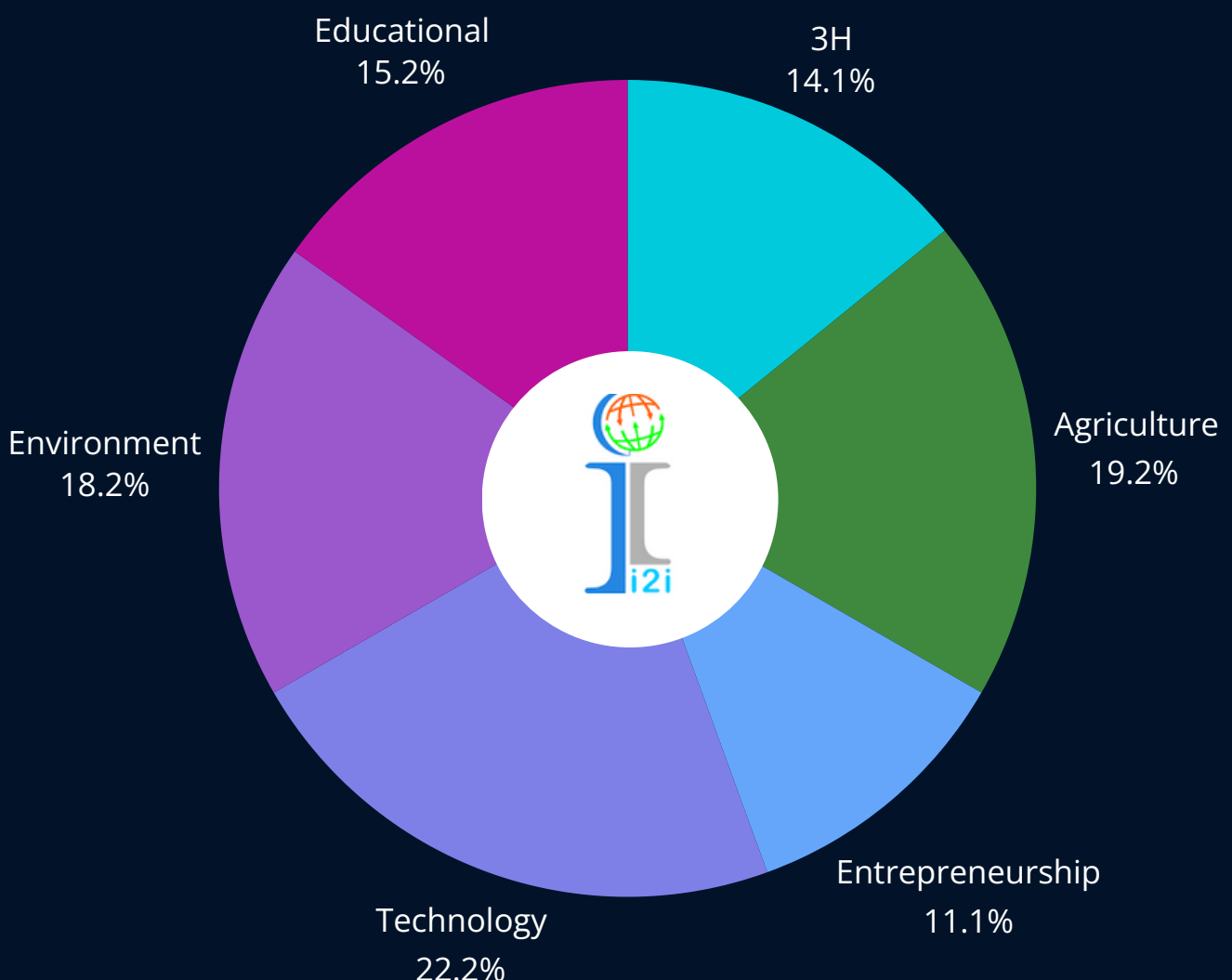
Raw Data of Projects selected to present on-stage

- After 100+ projects were filtered, the project teams were given time to build their prototype.
- After they'd build it, they would be rigorously assessed by a joint team of EATON mentors and a COEP i2i ambassador per project team.

Project Name/Idea	Project Id	Project Sector	Team Leader Name
Bridge Health Smart Monitoring System	ENV232002	3H (Hunger, Health, Humanity)	Vivek Uttamrao Kaware
Accident alert system	HHH232001	3H (Hunger, Health, Humanity)	Rushikesh uke
Automatic Drug Dispenser	HHH232002	3H (Hunger, Health, Humanity)	Nikunj Sanjay Hibare
RescueNet: Connecting Heroes in Crisis	HHH232005	3H (Hunger, Health, Humanity)	Mrunal Sondur
sign language communication	HHH232006	3H (Hunger, Health, Humanity)	Rohit Karale
MARK1: Autonomous Navigational Walker for Elderly and Disabled	HHH232016	3H (Hunger, Health, Humanity)	Varad Patil
Affordable Plastic Sealing Machine with Integrated Cutter and Solar Power Project	AGR232001	Agriculture	Vaibhavi Sunil Kale
Agri-bot	AGR232002	Agriculture	Salil rajendra wadke
Design of aerial inspection system (Drone) for power line fault analysis	AGR232009	Agriculture	Yash Anil Patil
IOT irrigation monitoring and control system.	AGR232013	Agriculture	Mansi Shridhar Gulhane
Multipurpose Grain and Sand Collector	AGR232015	Agriculture	Sarvesh khajone
Speed Control of DC motor using chopper circuit	AGR232017	Agriculture	Sayali Sanjay Lakade
Hydroponic Cultivation For Horticulture Crop	AGR232020	Agriculture	Niraj Dnyaneshwar Shelkande
Chat GPT Voice Assistant	EDU232003	Education	Krunal Umesh Kosumbkar
Internv.com - The Internship Innovation	EDU232006	Education	Mrs Prajakta Mangesh Powar
Lawbook : The Samvidhan of India	EDU232007	Education	Rudra Hatte

Soft continuum robotics	EDU232010	Education	Kalpak Gajanan Korde
Fundraising Website for Educational help to Economically Weak Students	EDU232014	Education	Pradnya Sharad Kulkarni
Edict.ai	TEC232024	Education	Omkar Rajesh Jadhav
Smart Medicine Box	ENT232001	Entrepreneurship	Aniket Vilas Patil
Adjustable Walker for stair climbing	ENT232002	Entrepreneurship	Shreya Waghmare
ECO-WOOD: Sustainable Furniture Material from paper waste and plastics	ENT232003	Entrepreneurship	Shreyash Meshram
InsightX: predictive maintenance ecosystem	ENT232008	Entrepreneurship	Manish Balasaheb Pingale
Khojo	ENT232009	Entrepreneurship	Aniket Arjun Khillare
Compact Electric vehicle	TEC232006	Entrepreneurship	Kuldip Bhokse
Smart Vehicle	TEC232019	Entrepreneurship	Lokesh Girase
Bioacoustics of Plant Leaves: Converting Microcurrents into music and Tool for Habitat Assessment and Plant Selection	AGR232006	Environment	Devansh Lathiya
GC Recycling	ENV232006	Environment	Pranav Arun Patil
Generation and Storage of Portable Green Hydrogen	ENV232007	Environment	Nikhil Singh
GreenLamps	ENV232008	Environment	VijaySingh Rajput
IoT Based Forest Surveillance System	ENV232011	Environment	Aniket Vilas Patil
Performance Monitoring System for Residential Solar Power Generation Unit	ENV232014	Environment	Aman Digambar Chavan
Anti-toppling System for Heavy Vehicles	TEC232001	Technology	Atharva Jadhav
Automated Workspace	TEC232003	Technology	Vishal Survase
Centralized monitoring system for street light fault detection and location tracking	TEC232005	Technology	
Food ingredients detection using Deep Learning	TEC232014	Technology	Nikita Machhindra More
Railway Track Crack Detection	TEC232016	Technology	Akshay Dilip Kadam
SkullRaksha - Ensuring Road Safety Through Smart Helmet Technology	TEC232017	Technology	Shalmali Bhalerao
Voice assistant of chatGPT using esp32	TEC232022	Technology	Prachi Devram

Sector-Wise Winners of i2i 2023-24

Sector	Project ID	Project Name	College Name	Rank
3H	HHH232016	Mark 1 : Autonomous Navigation Walker for elderly and disabled	Vishwakarma Institute of Technology, Pune	1
3H	HHH232006	Sign Language Communication	P R POTE PATIL COLLEGE OF ENGINEERING AND MANAGEMENT, AMRAVATI	2
Agriculture	AGR232013	IOT irrigation monitoring and control system	P.R.Pote Patil College Of Engineering And Managenment	1
Agriculture	AGR232020	Hydroponic Cultivation For Horticulture Crop	Government College of Agricultural Nandurbar	2
Education	TEC232024	Edict.ai	Vishwakarma Institute of Technology, Pune	1
Education	EDU232003	Chatgpt Voice Assistant	Anantrao Pawar College of Engineering and Research	2
Entrepreneurship	ENT232001	Smart Medicine Box	COEP Technological University, Pune	1
Entrepreneurship	ENT232008	InsightX	Amrutvahini polytechnic	2
Environment	ENV232006	GC Recycling	Government College of Engineering and Research, Awasari Khurd	1
Environment	ENV232008	GreenLamps	COEP Technological University, Pune	2
Technology	TEC232001	Anti-toppling system for heavy weights	Vishwakarma Institute of Technology	1
Technology	TEC232003	Automated Workspace	Marathwada Mitra Mandal's college of engineering, Karvenagar	2

Overall Winners of i2i 2023-24

Award	Name	College
Best Outside Ambassador	Shreyash Meshram	PR Pote College of Engineering, Amravati
	Pranav Patil	Government College of Engineering Avasari
Best Philanthropist	-	PR Pote College of Engineering, Amravati
Best Outside Faculty Coordinator	Akshay Pundkar	PR Pote College of Engineering, Amravati
Best Overall Project	IOT irrigation monitoring and control system	P.R.Pote Patil College Of Engineering And Managenment

i2i 2023-24
Valedictory Pictures

More images will be uploaded on our website soon

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Testimonials to ambassador growth

> " i2i sheds a spotlight onto the sheer amount of thinking power left dormant in the students of Maharashtra alone. i2i brings forth this talent as seeds, nurtures them into rooted plants so that they can then grow into trees all by themselves. We humbly see ourselves as nurserymen for these plants. "

~ *Aditya Kailaje, Research Team - i2i*
FY Mech. Engg. COEP Tech

> " What a wonderful feeling it is to volunteer at BHAU institute's i2i. It gave me a sense of giving back to the community. The rapport built during this tenure is the most rewarding aspect. I have met many great people through i2i, and it has also helped me to hone my leadership and management skills. "

~ *Ishwari Khandekar,*
Coordinator, i2i

> " i2i-BHAU is truly a life-changing platform for anyone, as for me too. i2i provides you with every opportunity to become a social entrepreneur - the one who can bring about smaller yet significant changes in society. "

Rameshwar Walkikar
~ *External Ambassador to i2i*
GCoEAR, Pune

Feedback from our mentors at Eaton

"

My experience with the program was great. I was amazed to see the technical acumen of the teams, their urge to learn and accept the feedback. In turn, I too learnt lot of things. I liked the program overall and would recommend others to be a part of it too.

"

Nupur Kher - Eaton Mentor

"

My experience was great. Hats off to the i2i team and the campus ambassadors. They did a great job with follow-ups and scheduling meetings with the project team, streamlining the assessment process. All projects were great and the working students did a great job with their assigned projects.

"

Neeraj Dwivedi - Eaton Mentor

"

I really want to appreciate the efforts from the i2i team and COEP ambassadors to support ignited minds. This platform is truly exceptional for cultivating and learning from young minds. My collaboration with the project team and COEP ambassadors was nothing short of delightful. Thank you for immersing us into the nostalgia of our bachelor's program days once again.

"

Basvaraj - Eaton Mentor

i2i 2023-24

Our Backbone

Dr. Sunil Bhirud (Vice Chancellor, COEP Tech)
Prof. N . B. Dhokey Director, RIIL
Dr. V.N. More (Faculty Advisor, i2i)

Our Mentor

Prof. Sanjay Inamdar (Founder, i2i)

Eaton Team

- *Bobby Zachariah*
- *Abhijeet Waghmare*
- *Preity Das*
- *Divya Nene*

Core Team

Saket Kaswa (Secretary)
Shubham Gupta (Vice Secretary)
Jishan Pathan (Publicity Head)
Shruti Ravichandran (Eaton Relations Head)
Shravani Sardeshmukh (Research Head)
Prathamesh Agawane (Ambassador Relations Head)
Vadiraj Joshi (Project Management Head)
Viral Shah (Design Head)

Executive Team

Swapnil Mali
Soham Methul
Vikas Kamble

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