



THE PURPOSE  
ACADEMY



1 MILLION  
\$1 BILLION

*In Partnership with*

Berkeley

Sutardja Center for  
Entrepreneurship & Technology

IAG

Innovation  
Acceleration  
Group

# IMPACT BOOKLET 2023





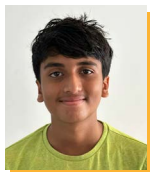
## THE PURPOSE ACADEMY FROM THE 1M1B FOUNDATION

The Purpose Academy is a social innovation and systems thinking program that empowers the world's brightest young minds to solve the world's most complex problems. The Purpose Academy provides students with a unique opportunity to engage in real-time problem solving in order to make a real difference.

Our 100-hour curriculum features classes and guidance from a diverse group of renowned leaders, faculty, and mentors from across the globe. We equip our students with technology, ideas, creativity, resources, and motivation to build disruptive solutions. With focus on skills such as creative thinking, responsible AI, structured thinking, public speaking, and social presence, students are prepared for their impactful future.

We are extremely pleased to share with you a summary of the 17 projects by 18 students who are creating an impact and are travelling to a 6 day immersion at San Francisco and UC Berkeley from 16th to 23rd of April, 2023.

# THE STUDENTS



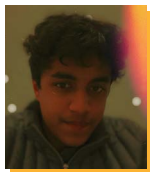
**Nikhil Harish Lakshman**  
School: Vidya Mandir Senior  
Secondary School  
Grade: 9



**Saharsh Marri**  
School: VIVA the School  
Grade: 9



**Chandiresb Asaithambi**  
School: Stamford American  
International School,  
Singapore  
Grade: 9



**Ishaan Avi Gupta**  
School: The Shriram Millennium  
School Noida  
Grade: 10



**Aryan Rajvanshi**  
School: Anand Niketan Satellite  
International School  
Grade: 10



**Aarav Dani**  
School: DPS East  
Grade: 12

# THE STUDENTS



**Shraddha S Aangiras**

School: RV PU College

Grade: 11



**Anvay Suri**

School: CPS Katol Road, Nagpur

Grade: 11



**Achintya Agarwal**

School: The International School Bangalore (TISB)

Grade: 9



**Naina Gupta**

School: The International School Bangalore (TISB)

Grade: 9



**Arya Padiyar**

School: Greenwood High International School

Grade: 11



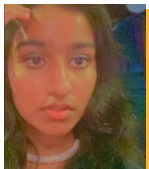
**Abhijna Akkineni**

School: Chirec International School, Hyderabad

Grade: 11



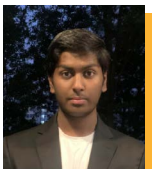
**Jaanya Sobti**  
School: Pathways School  
Gurgaon  
Grade: 9



**Jiya Sobti**  
School: Pathways School  
Gurgaon  
Grade: 9



**Aeju Rochan Lakkamraju**  
School: Chirec International  
School, Hyderabad  
Grade: 12



**Gagan Gutta**  
School: Chirec International  
School, Hyderabad  
Grade: 12



**Shakthi Abinaya Vignesh**  
School: Chirec International  
School, Hyderabad  
Grade: 12



**Amita Divya Sree**  
School: Chirec International  
School, Hyderabad  
Grade: 12



## 1.Education is more than just a right.

**Student: Nikhil Harish Lakshman**

This project aims at addressing the situation in semi-urban areas in North Eastern Tamil Nadu in terms of elementary level education for children living in that area as well as improving the facilities to increase the learning outcomes in a manner that is seen as sustainable. Quality Education has been the Number 1 priority of India for quite a while now and a lot of initiatives like Sarva Siksha Abhiyan and sub programs like the Early Math and Reading Comprehension program have been launched. Yet a large percentage of the younger population is unable to master elementary level math and reading. This sets them back a lot and hence denies them the opportunity to contribute to overall economic growth. Developing the educational facilities in these areas of North Eastern Tamil Nadu will help increase the learning outcomes, enrolment and decrease the dropout rate.



## 2.AgroLend

Student: **Saharsh Marri**

Many farmers in India are struggling from debt traps. Farmers take loans in order to buy seeds and other essentials for their crops. The loans they take are to be returned with very high interest, and within a very short time period. This causes the farmer to go into severe debt which leads to farmers losing their land, properties, etc. w Often, the farmer will suicide because he/she is unable to bear the pressure. So I want to provide low interest loans to farmers in Vijayawada, which should reduce farmer debt and allow the farmers to keep their land and cultivate freely.



### 3.Project Pave the Way

Student: **Chandiresb Asaithambi**

The project aims to help increase the financial knowledge and access to financial schemes for construction labourers in Bangalore, Karnataka and Singapore through government scheme awareness programs and financial education workshops. The idea behind the project is to better equip labourers with financial literacy skills. I aim to help host 2 government scheme related workshops, and conduct/ create 1 financial educational module that can be used in workshops and accessed online. Through this project I would like to see migrant workers like construction labourers be given a chance to have financial security, something that we all deserve.







## 4.Solar-Powered Water Purifier

Student: Ishaan Avi Gupta

Our project is focused on designing and building a solar-powered water purifier that utilizes the chlor-alkali process to purify water. The purifier is specifically designed for remote villages in Delhi, where access to clean water is limited or non-existent. The system is simple, sustainable, and easy to operate, making it ideal for rural communities with limited resources.

The solar-powered water purifier uses a series of solar panels to generate electricity, which is used to power an electrolysis process that separates salt into sodium and chlorine. The chlorine is then used to disinfect the water and kill any harmful bacteria, viruses, or other pathogens present in the water. The purified water is then collected in a storage tank and made available for use by the local community. The impact of this project on Delhi's remote villages is significant. The availability of clean water can have a transformative impact on the health and well-being of local communities. Access to clean water can reduce the incidence of water-borne illnesses and diseases, which are prevalent in these areas due to the lack of clean water sources. By providing access to clean water, our project aims to improve the health and quality of life of the people living in these remote villages.



## 5. Project MechaCrop

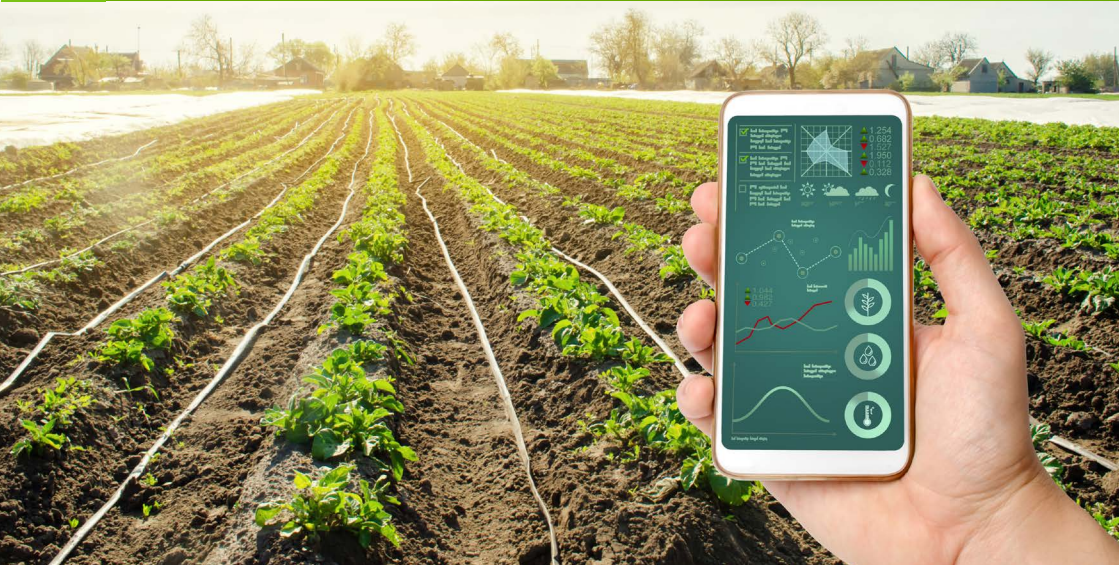
Student: Aryan Rajvanshi

Project MechaCrop aims to substantially increase the agricultural yield of farms in India by eradicating harmful diseases that plague Indian farms. Drone technology and machine learning will be used to successfully identify diseases before they get a chance to spread. My project will be leveraging drone technology along with AI to help the farmers in India in two ways: a) To effectively use technology like drones to replace manual inspection of crops over large acreage and take the necessary steps which will help improve productivity, yield and also reduce losses b) Use AI and learning algorithms to help develop an intelligent payload for the drone to identify the prevalent crop diseases which are responsible for 30% crop yield loss every year in India. With the aid of thousands of images of database, I would like to develop algorithms which can be trained to identify diseases like blight etc.

## 6. Project Arthmanager

Student: Aarav Dani

Through APIs and databases I am going to collect data on the local markets and crop rates in different regions currently and will process it and make it concise. I am going to create an easy to use app that will provide farmers the data in a convenient and user friendly manner. Enabling them to make better decisions regarding their crops and the markets they are competing in.





## 7.Quetzal - Quantum Computing Career Accelerator

Student: **Shraddha S Aangiras**

Quantum computing is a rapidly emerging and promising technology that harnesses the laws of quantum mechanics to solve complex problems that classical computers cannot. Projected to be one of the top emerging careers with a \$700 billion market potential, it is an essential field of knowledge for STEM students. Quetzal aims to make quantum computing accessible to students of all education levels. Quetzal's Quantum Computing Career Accelerator is designed to bring fundamental quantum computing education to two cohorts of highly motivated undergraduate students. 1,000 students will be enrolled for each cohort of the program.

Top students will be matched with quantum workplace experiences to enable them to accelerate their careers as future quantum leaders.

Quetzal additionally aims to raise Rs 6 lakh to provide PCs to 10 underprivileged girls to attend the course, to encourage female participation, and bridge the stark gender equality gap in quantum, where only 19% identify as female.





## 8.The Holy Paws

Student: Anvay Suri

The project aims to partner up with local NGOs and create a network which will ultimately save the lives of numerous dogs and cows. This project is about rescuing, rehabilitating and sheltering of injured and disease-induced animals. The project's main aim is to create awareness among the new generation and the public about ways and means to help and rescue animals; as well as help these NGOs develop and progress in terms of funds, social media presence, local interaction etcetera.





## 9. Project Awakening

Student: **Achintya Agarwal**

Project Awakening targets UNSDG 13 and 15 which is 'Take Urgent Action to combat climate change and its Impact' and 'Life on Land' and wants common people in India, for now my hometown Kanpur, to realise the importance of trees. The project aims to increase the green cover area by planting 300 trees around shops, in societies with the help of differently-abled children from an NGO and encouraging them to plant more and more trees and to water them religiously. This project focuses on improving our ecosystem, sustainably managing our forests and declining the effects of global warming resulting in better living conditions for every living being on Earth.





## 10.The Water Filtration Unit in a Rural School

Student: Naina Gupta

Project aims to improve the health of the villagers of Marsur, Karnataka by holding education sessions, in English/Hindi/ Telugu (with help of translator) on topics such as substance abuse, cardiac issues, and water borne diseases. Water purification filters will be installed which provides 300 liters of clean water daily and will distribute 500 kg of alum rock which can filter water in emergency situations.





## 11.SkillBridge

Student: Arya Padiyar

The project aims to provide a platform that helps individuals learn and develop the skills like social media marketing, video editing, and graphic design. These skills can be used to start a solopreneurship or to help an individual get a job at a firm. This also enables people to create content to tell their stories or to build a personal brand. The simple philosophy is to create content instead of consume content.

## 12.Asclepius

Student: **Abhijna Akkineni**

Asclepius aims to raise awareness on mental health issues and reduce the overall stigma around it in rural areas in India, through awareness sessions and surveys for batches of young adults from ages 16 to 29. The mission of the project is to ultimately increase the understanding of issues on mental health for the rural citizens. I hope that through this project the stigma in the community will change about the topic and urge people to learn more and seek help if needed.





### **13. RuralWealth- your journey to a sustainable and fulfilling life.**

**Student: Jaanya Sobti**

Despite efforts to increase financial literacy in rural sectors, many families in the villages of Gurgaon, specifically in Tikli Village which is the focus here, are still unable to cover their living expenses. Families with less income may have to cut back on expenses such as food, housing, and healthcare, which can significantly reduce their standard of living. Financial instability can make it challenging for these families to meet their financial obligations, such as purchasing daily groceries, paying rent, school fees and more. The desired outcome is to increase the savings and income of families who are financially unstable in Tikli Village, through investing. This will be measured by introducing a solution and observing improvements in the financial status of families that belong to Tikli Village through my project.

## 14.Puer Dei (Meaning - Child of god in Latin)

Student: Jiya Sobti

On an average 8 out of 10 disabled children are bullied for their disabilities while others are abused both mentally, verbally and physically for their appearance. I believe a scar doesn't define you and everyone is beautiful in his/her own way hence I have taken up the challenge to use 'Dance' as a form of self motivation and representation for disabled, visually impaired and acid attack victims so that they can motivate others to join in and boost their confidence as well. I will be teaching dance choreographies to the participants through online classes and offline classes as well, which will take place every 2 weeks or so. The long term goal is to gradually build up an atmosphere for the individuals to discover themselves freely through dance, enhance themselves and discover a new skill.







## 15.Sapient

**Student: Aeju Rochar Lakkamraju**

Project Sapient aims at creating a better learning experience for visually impaired students between the ages of 14 and 16. The focus is on two schools- Devnar School for the Blind, and Netra Vidyalaya. We have conducted period sessions at Devnar, with students from grades 8 to 10. The students took our presence well. The sessions were about helping the students in areas they lack: public speaking, communication, and the use of language. Activities were conducted after short lessons to make the sessions engaging.

A fundraiser is in the works, which should get going in another week. The funds would be used to provide Devnar with resources like braille books and musical instruments which they don't have. We aim to raise 1 lakh through the fundraiser, with sessions with volunteers continuing on weekends.





## 16.Cropwise

Student: **Gagan Gutta**

Cropwise is a social enterprise dedicated to empowering rural and marginalized farmers in Eastern Maharashtra's Ghondia region. We aim to increase their income by re-engineering their manufacturing and marketing processes. Through this initiative, we hope to raise 40-50k Rs to get them new machinery to streamline their process and design new packaging and connect farmers with urban markets. Our ultimate vision is to create sustainable economic growth and improve the quality of life.





## 17. Project Anukriti

**Student: Shakthi Abinaya Vignesh & Amita Divya Sree**

Anukriti aims to skill rural women in India and help them set up micro-home based businesses as well as creating job opportunities for them. We are training these women in traditional Indian arts and crafts while simultaneously helping them find a way to put these skills to use. Currently, we're working with a group in Sollepura, Karnataka who are on the verge of completing their training on stitching. We aim to raise Rs. 2 lakh, out of which we've already raised Rs. 1.2 lakh. We also plan on conducting financial literacy sessions for the women we're working with in the future, so they have an idea on how to manage money. We'd like to empower women and increase economic freedom of women in India through this project.



