

SCHOLARS 2021



Advik Singh

Profession
Student

Designation
Student

Institution
Birla Institute of Technology
and Science, Pilani (Pilani
Campus)

Location
New Delhi

Current Study Program

B. E. in Civil Engineering

Awards, recognitions or achievements in the last 5 years

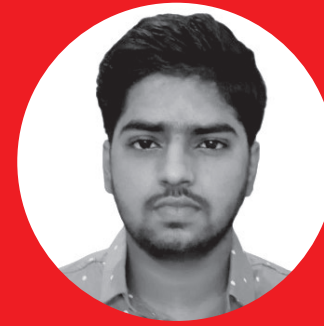
Co-Founder of Chhalaang Foundation, a non-profit which distributed 2 Lakh Meals worth over Rs. 17 Lakhs in April 2021

Received Merit Scholarship at BITS Pilani for being in top 2% in academic performance in the batch (9.4 CGPA)

Played National Level Tennis

InvEnt idea

A mobile application more accurate than existing apps, that simultaneously rewards users, that could efficiently prevent further spread of COVID and future pandemics as well



Anagh Sinha

Profession
Student

Designation
Student

Institution
Birla Institute of Technology
and Science, Pilani (Pilani
Campus)

Location
Gangapur City

Current Study Program

M. Sc. Biological Sciences Dual Degree

Awards, recognitions or achievements in the last 5 years

State level handball player

Gold medal holder of statelevel Bharat Ko Jano Quiz

Multiple medallistin Olympiads at district level and other competitive exams

InvEnt idea

Oxon app to help people locate the nearest public dustbins, buy eco-friendly products and enable municipal corporations to install public dustbins at AI-based strategic areas, making it sustainable and replicable to improve public hygiene and cleanliness



Ankita Avinash Chandavale

Profession
Student

Designation
Student

Institution
MKSSS's Cummins College of Engineering for Women

Location
Pune

Current Study Program

B. Tech in Computer Science and Engineering
B. Sc (Online) in Programming and Data Science at IIT Madras

Awards, recognitions or achievements in the last 5 years

INSPIRE award

Lokshahir Annabhau Sathe Educational Scholarship for merit in Class XII

Bharatratna Maulana Abul Kalam Azad educational scheme Educational Scholarship for merit in Class X

InvEnt idea

Convert sound energy to electric energy to charge mobile phones anywhere at any time which is eco-friendly solution



Ashutosh Sharma

Profession
Student

Designation
Student

Institution
Ramaiah Institute of Technology

Location
Bengaluru

Current Study Program

Bachelor degree in Mechanical Engineering

Awards, recognitions or achievements in the last 5 years

Procured and contributed PPE Kits for healthcare workers in COVID-19 hospitals across Karnataka and tutored underprivileged children during the pandemic

Best Delegate award in over 15 Model United Nations conferences

Secured 100% Marks in the India Science Quiz conducted by Department of Science and Technology, Government of India

InvEnt idea

A steam propelled missile which is essentially stealth in nature. It is called VAASHP Mk-1

I'm generally interested in rockets and aviation, and the need for a particularly eco-friendly, stealthy & out of the box solution in this field propelled me to think in this direction



Bhavya Shandilya

Profession
Student

Designation
Student

Institution
Birla Institute of Technology
and Science, Pilani (Pilani
Campus)

Location
Jaipur

Current Study Program

Integrated 5-year course in Bachelor of Engineering in Electronics and Instrumentation and Master of Science in Physics

Awards, recognitions or achievements in the last 5 years

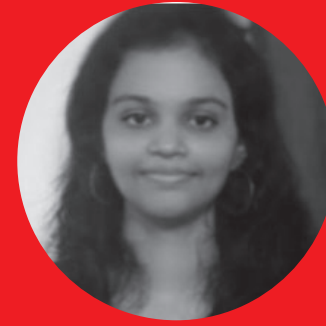
Merit Cum-Need Scholarship, BITS Pilani

Silver Medal, Board of Secondary Education, Rajasthan

Silver Medal, Allen Career Institute, Jaipur

InvEnt idea

The problem of big data in astronomy using unsupervised machine learning and data science to solve problems like photometric observations, anomaly detection and clustering



Dharini Raghavan

Profession
Student

Designation
Student

Institution
Ramaiah Institute of
Technology

Location
Bengaluru

Current Study Program

Bachelor of Engineering (BE) in Electronics and Communication

Awards, recognitions or achievements in the last 5 years

Summer Research Fellowship 2021 by the Indian Academy of Sciences at Indian Institute of Science (IISc)

Delegate at HPAIR Harvard College Conference 2021

Recognised as Microsoft Technology Associate on clearing a competitive certification exam by Microsoft

Recognized as Active Covid Response Volunteer by Caregiver Saathi Foundation

InvEnt idea

Smart Thermo-Electric Chair with a Personal Health Assistance proposes an efficient way to convert body heat generated due to long hours of sitting into electricity which can be stored in a battery for future use



Madhuvanthi K

Profession
Student

Designation
Student

Institution
Ramaiah Institute of
Technology

Location
Bengaluru

Current Study Program

B. E. in Electronics and Instrumentation

Awards, recognitions or achievements in the last 5 years

Endowment Award from Vidyaniketan Public School

Academic Achievement Award from Daimler India

Recognition of Excellence from RVCE Employee Welfare Association

InvEnt idea

AlcoHalt is an integrated system that can be installed in motor vehicles to slow down the vehicle in case the driver's blood alcohol content is above permissible limits



Namita Arya

Profession
Student

Designation
Student

Institution
Indira Gandhi Delhi Technical
University for Women

Location
New Delhi

Current Study Program

Bachelors in Technology in Computer Science and Engineering

Awards, recognitions or achievements in the last 5 years

Microsoft Learn Student Ambassador
3rd position at Saleable (Event by IIT-R) at intercollege level

1st prize at Zonal Declamation

1st prize at inter school Science Exhibition

InvEnt idea

Rotatory Surveillance Camera is a multi-featured device capable of reducing safety personnel workload, enhancing cleanliness and saving road accident victims



Roshan Agrawal

Profession
Student

Designation
Student

Institution
Birla Institute of Technology
and Science, Pilani (Pilani
Campus)

Location
Pune

Current Study Program

Dual degree in Bachelors of Engineering in Electrical and Electronics Engineering and MSc in Biological Sciences

Awards, recognitions or achievements in the last 5 years

Inspire scholarship by Department of Science and Technology, India

Awarded for securing 9th rank in Pune's best student contest

Awarded for qualifying Duke TIP talent search exam

InvEnt idea

A microbiological system that converts greenhouse gases to useful products. This system a hundred times more efficient than trees



Shreya Abhyankar

Profession
Student

Designation
Student

Institution
MKSSS's Cummins College of
Engineering for Women

Location
Pune

Current Study Program

B. Tech in Computer Engineering

Awards, recognitions or achievements in the last 5 years

Winner (Champion) of Spotle AI-thon, 2020 AI for Social Good Business Plan Presentation

Bharat Ratna A.PJ Abdul Kalam scheme Merit Scholarship for performance in 12th Board Exam

InvEnt idea

Pollution curbing Tyre Pad - a device which can be installed on the existing structure of vehicles without altering their design



Shruti Suresh Gawas

Profession
Student

Designation
Student

Institution
MKSSS's Cummins College of
Engineering for Women

Location
Pune

Current Study Program

Second Year Undergraduate in Electronics
and Telecommunication Engineering

Awards, recognitions or achievements in the last 5 years

Award of Excellence – for securing 91.2% in XII
CBSE

Best Essay in Engineer's Fest 2020 for
the Essay Female Face of Science and
Technology

InvEnt idea

Orphanage Smart Baby Monitoring System.
In large scale orphanages, children below
the age of 3 do not receive proper attention
and nourishment. This solution helps ensure
healthy upbringing of orphanage children by
notifying orphanage authorities promptly



Tejaswini Gurram

Profession
Student

Designation
Student

Institution
Indira Gandhi Delhi Technical
University for Women

Location
Ghaziabad

Current Study Program

Computer Science and Engineering

Awards, recognitions or achievements in the last 5 years

Scholar Award for topper in Science Stream
Board examinations

Winner, Zonal Extempore Competition by
Govt. of Delhi (NCT) (2018 and 2019)

Winner, Zonal Poem Recitation Event by
Govt. of Delhi (NCT) (2018 and 2019)

Winner, Zonal Classical Dance Competition
by Govt. of Delhi (NCT) for 3 consecutive
years

First Runner-up, District Classical Dance
Competition by Govt. of Delhi(NCT) for 2
years

Second Runner-up, District Singing
Competition

InvEnt idea

Breathe – a device to prevent accidental
deaths due to asphyxiation, heat strokes and
CO poisoning in closed vehicles



Vanshika Agarwal

Profession
Student

Designation
Student

Institution
MKSSS's Cummins College of Engineering for Women

Location
Noida

Current Study Program

Bachelors in Electronics and Telecommunications Engineering

Awards, recognitions or achievements in the last 5 years

Mentee at Microsoft Engage 2021

Selected in the first round of Amazon Wow Mentorship Program

Subject Topper in Class 10th CBSE Board Exam

InvEnt idea

Electronic Scarecrow for animals that can help prevent crop loss due to wildlife by preventing them from entering farmlands, without causing them any harm



Yashika Behl

Profession
Student

Designation
Student

Institution
Indira Gandhi Delhi Technical University for Women

Location
New Delhi

Current Study Program

Bachelor of Technology in Computer Science

Awards, recognitions or achievements in the last 5 years

Winner of IDEATHON at IIT Delhi organized by IRSC, NITI Aayog with 10,000 participants from All over India

Awarded as a State-level Orator after qualifying district, zonal and state-level debating competitions

Recognized as the All-Rounder for Academic Excellence and Co-curricular by Lovely Public School

Grace Hopper Conference Scholarship 2021 recipient

One of the 25 nationally recognized dancers by Young Artistes

One of the 8 nationally recognized stellers in Steller'21 organized by Tape a Tale

InvEnt idea

VEBS: Vehicle-Fitness Ensuring BIOS Setup - a self-start system to combat vehicle malfunctioning in order to reduce increasing number of road accidents



Yugal Joshi

Profession
Student

Designation
Student

Institution
Birla Institute of Technology
and Science, Pilani (Pilani
Campus)

Location
Haldwani

Current Study Program

B. E. Computer Science

Awards, recognitions or achievements in the last 5 years

Education Excellence award by Government of Uttarakhand

Pandit DeenDayal Upadhyay Education Excellence award

Amar Ujala Meritorious Student award

InvEnt idea

Sewer Gas treatment system (SGTS) for treatment of gases liberated during anaerobic decomposition of sewage