



# Enabling EQUITY

Enabling equitable access to quality professional courses for disadvantaged students through rigorous academic support, mentorship and guidance.

2022-23  
ANNUAL REPORT

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Avanti Fellows

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## Message from Leadership



**Akshay Saxena**



**Vandana Goyal**

Dear supporters of Avanti,

We are proud to share with you the progress we have made this past year.

In 2022-23, Avanti's programming and products reached over 20,000 students in 18 states and 6 union territories. Of the 2,200 students who attempted, 563 students qualified for the JEE Main, advancing to some of the best technical colleges in India - our highest number ever in a single year. Avanti will be well represented at the most elite institutions in India, as 37 students go on to IITs and 25 enroll into government medical colleges, doubling what those numbers would have likely been without any intervention.

Our vision is to be in every state in India over the next decade, identifying and nurturing young talent in under-resourced and underserved communities across India, all capable and passionate to pursue careers in STEM.

As our programs have scaled over the two years

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of this post-Covid era, we have begun to understand the barriers and opportunities to achieving this at a more granular level, and are working to refine our approach to our program and product design. We share some of these reflections with you here and throughout this report.

### **A focus on girls is urgent**

Nationally, only 29% of women who pursue higher education in STEM join the workforce. In Avanti, out of the 2,200 students who attempted the JEE, 40% were girls. Of those who qualified, 24% were girls. And of the 37 students who go on to IITs, only 1 is a girl.

With no clear evidence of any meaningful academic achievement gap in science and math up to Grade 10, this is a problem we are only just beginning to understand. We know that starting early matters, that teachers and parents play a big role, and

that building aspiration, agency and a sense of possibility about their lives within the girls themselves is essential.

As we design our programs for scale, we continue to test our thinking about the 1-2 key levers that could have a transformative effect on the girls' life trajectory. We invite our friends and partners to work with us as we double down on finding solutions over the next few years.

### **Remote learning can work, even asynchronously**

In the early days post Covid, our hypothesis was that mimicking a physical classroom setting was essential to the success of remote learning, hence the launch of synchronous live classes. We challenged this hypothesis in our partnership with the Government of Haryana, as we launched asynchronous video content,



Message from

# Leadership



problem solving and tests supported with synchronous teacher-facilitated doubt solving. We find that for our target student population – academically bright and intrinsically motivated students – there is a preference for flexible content and engagement so they can learn autonomously so long as it is supported by a teacher to resolve doubts and questions on a regular basis.

If this hypothesis continues to play out at scale, the opportunities to serve a broader population of students at a lower cost is immense. We will continue to test this hypothesis with larger student populations and in different educational systems in the coming years.

## Early identification of student potential

For students with limited access to accelerated STEM programs, even capable students, usually girls, drop off of the STEM trajectory by Grades 9/10 (before our test prep programs begin). We have begun to experiment with earlier identification of student potential and offer lighter-touch opportunities to participate in enrichment programs in STEM, and give exposure and access to career guidance and mentors. We continue to develop our ability to identify these students and design an effective foundational intervention in Grades 9-10 with

the goal to broaden our funnel of students in Grades 11 and 12.

## Effective partnerships with governments is the pathway to scale

As we aspire to identify and nurture talent across India over the next decade, the most efficient and effective pathway to this continues to be our ability to partner with government school systems. There is high demand for offering such opportunities to government school students – in particular to see them go on to enroll in prestigious institutions. There is also an opportunity to integrate much of what Avanti currently owns and drives into state-led coaching programs where Avanti plays the role of project manager and product provider. Effectively achieving this in our existing school systems will enable us to build and replicate in school systems across the country.

We thank you all for your engagement and support over the years. We invite you to learn with us, and to contribute as knowledge partners, supporters and ambassadors for our mission and most importantly, for our students.

**With gratitude,  
Akshay and Vandana**

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## Message from Board Members



Piyush Tewari

I continue to be inspired by Avanti's ability to identify and nurture the brightest talent across India, and enable their journey towards pursuing their passion for STEM. Avanti's ability to partner with government school systems allows us to sustain this work at scale - ensuring over time that every student with the interest and ability has access to these opportunities.



Ashank Desai

Studying at IIT Bombay changed the trajectory of my life. I believe every deserving student, irrespective of means, should have access to the best education. The transformation in their lives as a result is immeasurable. Avanti makes this possible, and that is why I am proud to be a founding trustee and continue to serve its mission.



# Mission

Avanti's mission is to lift students and their families out of poverty in a single generation. We identify academically bright and motivated students across India with a passion to pursue a career in STEM, and prepare them for competitive exams such as JEE and NEET. We aim to see our students equitably represented in the best STEM colleges in the country, and go on to pursue careers that offer them financial stability and professional growth.





# Overall Impact



**20,000+**

students actively engaged in various Avanti Fellows programs

More than **20,000** students were positively affected by a range of Avanti Fellows programs, including competitive exam preparation, scholarships, mentorship and career guidance.



**560**

engineering admissions

**87**

medical admissions

More than **560** students secured admissions into leading engineering colleges, and over **87** students were successfully placed in top medical courses across the country.



**18**

states

**6**

union territories.

Avanti's footprint in India has broadened with operations now extending to **18** states and **6** union territories.



**260**

professionals

Avanti Fellows has expanded its workforce, now employing over **260** professionals across India.

# Results

## Overall 2023 JEE Main Performance



**2125**

Total Appeared



**563**

Total Qualified

**26.5%** of the students that appeared for the exam cleared it.

**35** students qualified for seats at IIT/IIIT

**70** students qualified for seats at NIT

**120** students eligible for top **200** NIRF Engineering Colleges

## Overall 2023 NEET Performance



**2200**

Total Appeared



**1226**

Total Qualified

**55.8%** of the students that appeared for the exam cleared it

**14** students qualified for MBBS seats in top government medical colleges

**11** students qualified for  
BDS – Bachelor of Dental Surgery  
BAMS – Bachelor of Ayurvedic Medicine & Surgery  
BHS – Bachelor of Health Science

**62** students in for Pharmacy, Nursing, Ayush, Agriculture courses



# Test Prep

Admission to the country's renowned engineering and medical colleges is exclusively attainable through the highly competitive entrance exams known as JEE and NEET. This system disproportionately favors students who have the means to invest in intensive two-year coaching programs, critical for excelling on these tests.

Avanti is dedicated to addressing this inequity by making elite college education accessible to economically disadvantaged students nationwide. We achieve this by partnering with government school systems, offering high quality, free coaching programs to the most deserving students, thereby narrowing the achievement gap.

Test preparation for JEE, NEET and related exams is currently delivered through our association with Navodaya Vidyalaya Samiti (JNVs) and online modules through our partnership with the Government of Himachal Pradesh.

## Jawahar Navodaya Vidyalayas (JNV)

The Jawahar Navodaya Vidyalayas (JNVs) represent one of the nation's most venerable and high-achieving government school systems with a network of 600+ residential schools. JNVs are dedicated to identifying exceptionally talented students in rural areas of India and providing them with a comprehensive and top-notch residential education, irrespective of their family's socioeconomic status.

Avanti Fellows proudly serves as an official knowledge partner of the Navodaya Vidyalaya Samiti (NVS), providing access to JEE and NEET coaching to nearly 200 schools

and 12,000 students across the country.

## Center of Excellence (CoE)

Through this model, top-performing JNV students are chosen through national exams and transferred to their respective Regional Centers of Excellence (CoE) where they undergo two years of meticulous training for exam preparation and life skills. **In the academic year 2022-23, our CoE initiatives were operational at JNV Puducherry, JNV Barwani in Madhya Pradesh, JNV Chandigarh and JNV Kokrajhar in Assam where we received the Award of Special Mention in the Youth & Women Empowerment category at the Northeast CSR Forum Awards.**

# Test Prep



## Nodal Centers

Through this model, four resident teachers are placed in top-performing selected JNVs to enhance students' STEM proficiency and help them secure optimal undergraduate courses with the help of test preparation, mentorship, and career guidance. In 2022-23, Avanti operated 12 such nodal centers throughout Karnataka, Gujarat, Goa, Maharashtra and Telangana.

## Satellite Centers

Through this model, two resident teachers are placed in selected JNVs where we broadcast tailored online classes and offer in-class doubt resolution along with mentorship, and career guidance. This year, Avanti operated 18 satellite centers in Karnataka.

## ENABLE Program

Through this program, in partnership with Tata Motors Limited, we deliver online classes to over 160 schools, allowing nearly 12,000 additional students with limited access to competitive exam preparation to benefit from remote instruction by Avanti's Master Teachers and practice tests every weekend.





## Message from JNV Bangalore Rural Principal



### **R Chakravarthy**

*Principal,  
JNV Bangalore Rural*

With over three years of association with NVS, initially as a teacher and now as the Principal at JNV, Bangalore Rural, I have witnessed the school's commitment to providing high-quality, free education to deserving students from disadvantaged backgrounds. Avanti's approach closely aligns with this mission, as they work towards transforming and enhancing the lives of students and their families through education.

**Avanti's methodology for JEE/NEET test preparation has left a lasting impression, as I have personally witnessed students**

**from my school gaining admission to prestigious institutions.**

Avanti's positive engagement with students fosters a culture of peer-learning and encourages students to push their academic boundaries. The success of senior students serves as a powerful motivation for their juniors, inspiring them to excel in their studies and aspire to gain admission to renowned colleges, ultimately leading to well-paying careers. Each year, we witness remarkable results, and we look forward to continuing our collaboration with Avanti to extend support to as many deserving students as possible.

# Test Prep



## State Partnership

### Partnership with Himachal Pradesh Government

Avanti Fellows extended its test prep offerings by launching fully digital JEE/NEET programs in collaboration with the Government Himachal Pradesh. Interested students are invited to enroll and receive free JEE/NEET preparation.

### Himachal Pradesh

In 2021, Avanti initiated a partnership with the Himachal Pradesh state government through the Himachal Pradesh Swarna Jayanthi Vid્યarthi Anusikshan Yojana (HP-SVAY). This collaboration aimed to provide free medical and engineering coaching to deserving students in government schools across Himachal Pradesh.

In the past year, we introduced the Girls Math Foundation Program, engaging over 4,000 female students who were organized into 27 batches for specialized instruction. Additionally, we provide guidance on diverse technical education pathways beyond Engineering, MBBS, and BDS, broadening students' career horizons.



## Message from Director of Higher Education



### **Dr. Amarjeet K Sharma**

*Director of Higher Education,  
Himachal Pradesh*

Education is the most powerful tool to change one's life. Himachal students have always been bright and motivated. Due to lack of exposure, many of the students could not utilize their full potential. We had launched Himachal Swarna Jayanthi Vidyarthi Anushikshan Yojana (HP-SVAY)

Directorate of Higher Education in partnership with the Avanti Fellows launched the coaching program to provide free online JEE and NEET coaching facilities to the bright and deserving students all across the state. We are proud to enable many students to get into the top engineering and medical colleges in the last few years.

One of our government school students Kavya Dhiman went to IIT Mandi and every year we have around 7-10 students getting into NIT Hamirpur. In the medical field, our students have performed really well despite tough

competition. One of our students Tanvi Devi got admission into MBBS Course in prestigious IGMC Shimla this year.

The credit for the success also goes to the Program Coordinators, Deputy Directors of the districts and principals of the schools. Their involvement and regular support in monitoring of the programme have motivated the students and the faculty.

One of the foundation pillars of the programme is our dedicated teacher coordinators from each school who have played a crucial role in the mentoring of the students and helping them manage stress and deal with time management.

I hope this project will grow big in the next few years and create a larger scale impact in the quality of Math and Science education for 9th-12th.

## Himachal Pradesh Results 2023

**19** **students**  
qualified for the  
JEE Main

**23** **students**  
qualified for  
MBBS/BDS/Ayush

**141** **students**  
qualified for Nursing/  
Paramedical







# Foundation Program

Across India, students face high-stakes board exams in Grade 10 that determine the subjects they will study and the quality of colleges they will attend, which have a high correlation to future employment and economic independence. Avanti's NEEV and NIRANTAR interventions in Grades 9 and 10 in Haryana government schools focus on finding systemic solutions to ensure students graduate 10th grade with grade level mastery in Math and Science. This intervention continues to be evaluated for its efficacy by a Randomized Controlled Trial (RCT) conducted by the Jameel Poverty Action Lab (J-Pal).

## In-School Intervention (Haryana)

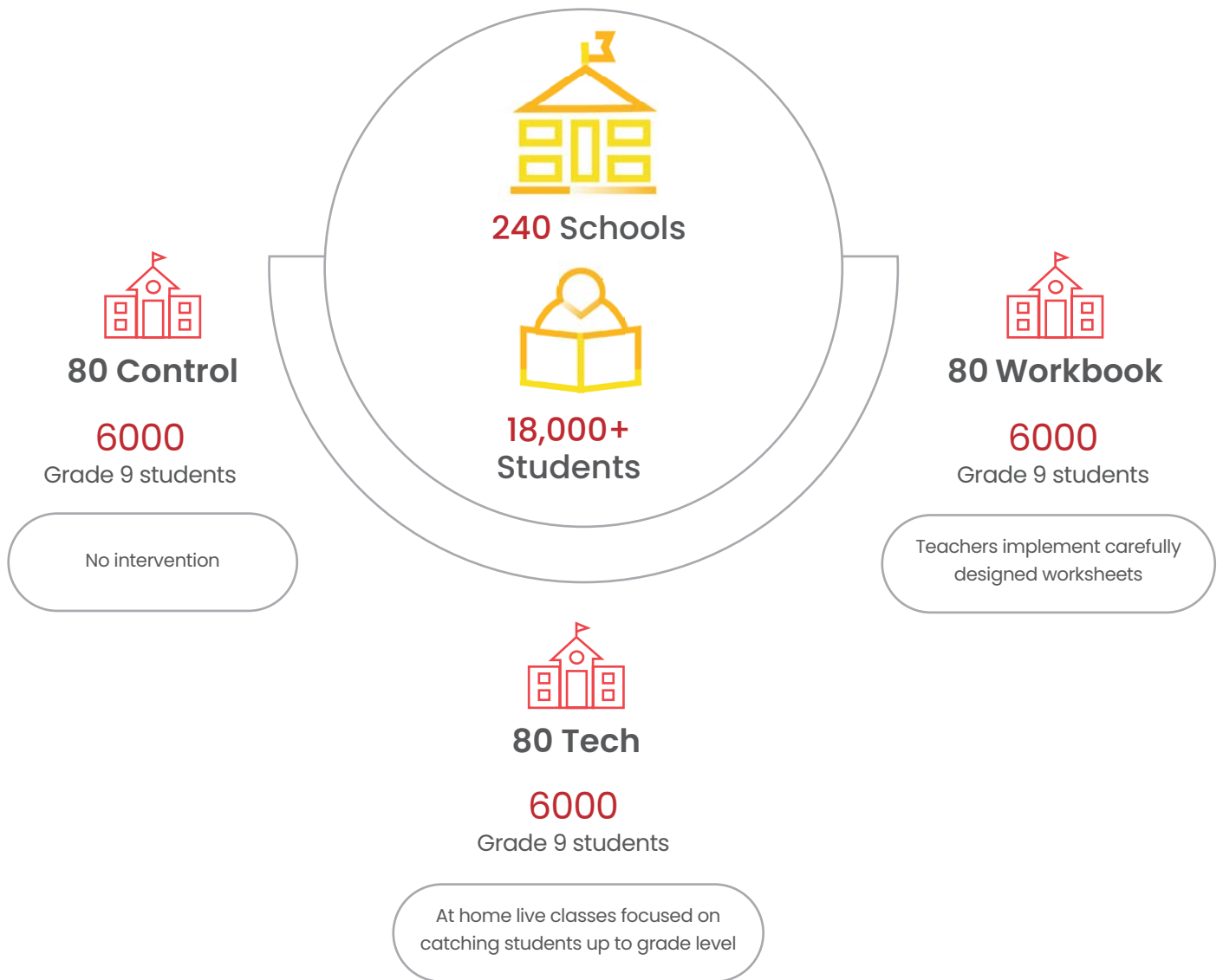
The J-Pal RCT investigates the impact of Information and Communication Technology (ICT) and non-digital workbook interventions on student learning in math and science.

The Math program (NEEV) focuses on remediation, with ICT schools offering online live classes after school hours, and workbook schools conducting in-school sessions. The Science program (Nirantar) emphasizes revision and retention, with ICT schools utilizing ICT content and structured worksheets, while workbook schools rely on structured worksheets. Both treatment types also include monthly school visits by Avanti Fellow staff to provide mentoring and teacher support.

## Findings From In-School Interventions

- 1 Maths ICT** – More than **70%** of the total students enrolled in our ICT schools joined our program. **87%** of the students who regularly attended online live classes were at average or above average grade levels by the end of the academic year.
- 2 Science Program** – No significant effect was observed as the program duration was quite small. Results of 2023-24 AY will reveal the impact of the program. This will be aided by the launch of the Science ICT App to track tech content usage inside classrooms.

# Scale of Program





# Girls Leadership Program

Avanti Fellows started its Girls' Leadership Program (GLP) in January 2022 with the objective to solve for these gaps amongst our own female student population. The overall design of the GLP is intended for a period of 4 years, starting with grade 9 until the girls complete grade 12 and gain college access.

GLP seeks to impact girls' self belief and career choices, strengthen their skills in the areas of problem solving, decision making and negotiation, and develop their agency so they can ultimately shape their own life direction. The initial pilot included around 120 girl students of three JNVs.

The measure of its success is to see more equitable outcomes of girls selecting engineering as a field of study, qualification rates on competitive exams and hence enrollment rates in highly selective institutions. Ultimately, Avanti's aim is to find solutions that create equity amongst the workforce participation rates and income levels of Avanti's female alumni, while the knowledge gained from this process will be disseminated in order to influence the work done with young women across the country.

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<sup>1</sup>Sattva Knowledge Institute, "Advancing Gender Equality in Science Technology Engineering Mathematics (STEM) Education in India", July 2023.





Girls Leadership Program







# From School To Work

## Scholarships

Despite the government's provision of scholarships, their impact remains limited due to inadequate outreach and a lack of clarity in the application process for eligible students. While SC/ST students receive tuition fee waivers, and EWS students benefit from subsidized tuition fees when enrolling in government engineering and medical colleges, there are other essential expenses that often pose challenges for students who lack the means to cover them. These additional costs, including mess and hostel fees, are not covered by scholarships, which in turn contributes to a lower admission rate especially for girls in India's premier engineering and medical colleges.

With the support of various partners, Avanti provides the following scholarships to a number of deserving students.

## TATA AIG Scholarship

Tata AIG General Insurance Company, under its CSR initiative, is supporting high potential female students from Jawahar Navodaya Vidyalayas and Kendriya Vidyalayas in the North-East region with scholarships for their undergraduate studies in the most elite colleges in India, a process that is managed in partnership with Avanti Fellows.

**163 have received scholarships out of which 97 students** will join the community of future doctors saving lives, and another 66 students will join women leaders in engineering In India. This scholarship alleviates the real financial hardships that prevent these young women from accessing such opportunities. Some of the supported students are the first in their families to pursue undergraduate education. The grant provides scholarships to female students

from Arunachal Pradesh, Assam, Bihar, Jammu & Kashmir, Jharkhand, Manipur, Meghalaya, Mizoram, Nagaland, Odisha, Punjab, Sikkim, Tripura and Uttar Pradesh. The scholarship covers tuition fee, hostel fee, mess fee, books and a laptop.



### Scholarship Partnerships

Last year, we also connected with scholarship agencies such as Foundation For Excellence, Vahani and more. These partnerships helped 50+ Avanti students get scholarships for their education.

| Scholarship Partner                   | Number of Avanti Scholars |
|---------------------------------------|---------------------------|
| FFE (Foundation For Excellence)       | 30                        |
| NSP (National Scholarship)            | 6                         |
| Vahani                                | 6                         |
| Deutsche Bank Engineering Scholarship | 2                         |
| Reliance                              | 2                         |
| State Bank of India Asha Scholarship  | 2                         |
| Tata Capital Pankh Scholarship        | 1                         |
| Colgate                               | 1                         |

## Message from Our Partner



### **Sudha Kidao**

*Managing Trustee,  
Foundation For Excellence India Trust*

The decade-long collaboration between Avanti Fellows and FFE has been truly remarkable and impactful. It has effectively advanced our shared mission, which is to bring about transformative change in the lives of young students within a generation. Through this partnership, FFE has awarded 253 merit-cum-means scholarships, totaling over Rs. 1 crore, to 126 Avanti Fellows.

The continuum that this partnership offers to Avanti students, in their pursuit of higher education, is remarkable as FFE's holistic support not only includes financial support but also encompasses skills training for employability, leadership development, and mentoring, all of which ensure that students are well-prepared for their future careers.

The incredible success stories of FFE-Avanti students stand as a testament to the effectiveness of this partnership. We are keen to expand this partnership to include as many qualifying students as possible into the FFE family in the years ahead.

## Message from Scholarship Recipient



### **Metung Gyadi**

*TATA AIG-Avanti Fellows Scholarship  
Recipient*

My journey towards medicine began during numerous hospital visits with my mother, who was diagnosed with a liver condition. The weekly check-ups put a significant strain on our entire family, but we found solace in the compassionate care provided by my mother's doctor. Despite our worries, the doctor responded with kindness and empathy, bringing immense relief to the family during those challenging times. Witnessing this display of healing inspired me, and I knew I wanted to follow a similar path.

However, pursuing a career in medicine comes with significant financial burdens,

especially with medical bills piling up. I wondered how I could ever fulfill my dream. Nevertheless, I persevered, giving my all and working tirelessly towards my goals, and through the TATA AIG-Avanti scholarship program, I am now able to continue my journey towards becoming a doctor at the esteemed Tomo Riba Institute of Health & Medical Sciences in Naharlagun.



## Mentorship Program

As Avanti graduates increasing numbers of students, we are committed to enhancing and expanding our approach to career guidance and mentorship, offering robust support during their transition to higher education and subsequent careers. Avanti alumni, along with dedicated volunteers from institutions like IIT Madras, NITK Surathkal, NIT Rourkela, and Hassan Institute of Medical College, regularly visit

our current Centers of Excellence (CoEs) and Nodal schools. Their monthly interactions and mentoring sessions provide our students with invaluable insights into careers and exams, offering a realistic perspective. Additionally, we facilitate connections with industry experts who generously share their wisdom and experiences, inspiring and motivating the next generation.

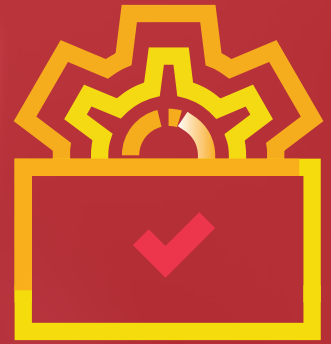


## CoE | Puducherry

In Puducherry, the mentorship team from IIT Madras are screened rigorously, ensuring they can provide individual attention to the students in a maximum ratio of 1:2. These mentors take care of their year-long progress by providing academic, emotional and moral support by visiting the school every week and conducting online sessions and tests on a daily basis. Avanti also worked with the LedBy Foundation across JNVs in the state of Karnataka with a similar objective.

| College                                    | School catered to         | Mode    | Number of Beneficiaries |
|--------------------------------------------|---------------------------|---------|-------------------------|
| NIT Karnataka                              | JNV Mangalore & JNV Udupi | Offline | 160                     |
| NIT Rourkela                               | JNV Mandya                | Online  | 80                      |
| HIMS (Hassan Institute of Medical Science) | JNV Hassan                | Offline | 80                      |
| IIT Madras                                 | CoE Barwani               | Online  | 40                      |
| IIT Madras                                 | CoE Puducherry            | Offline | 34                      |

Avanti introduced the Academic Mentorship Program in NIT Karnataka, benefiting students from JNV Mangalore and JNV Udupi schools. This program featured a series of career guidance and academic discussion sessions aimed at elevating students' aspirations. Volunteers from NIT Rourkela and the Hassan Institute of Medical Science were also engaged in an online mentorship series with partner JNV schools.

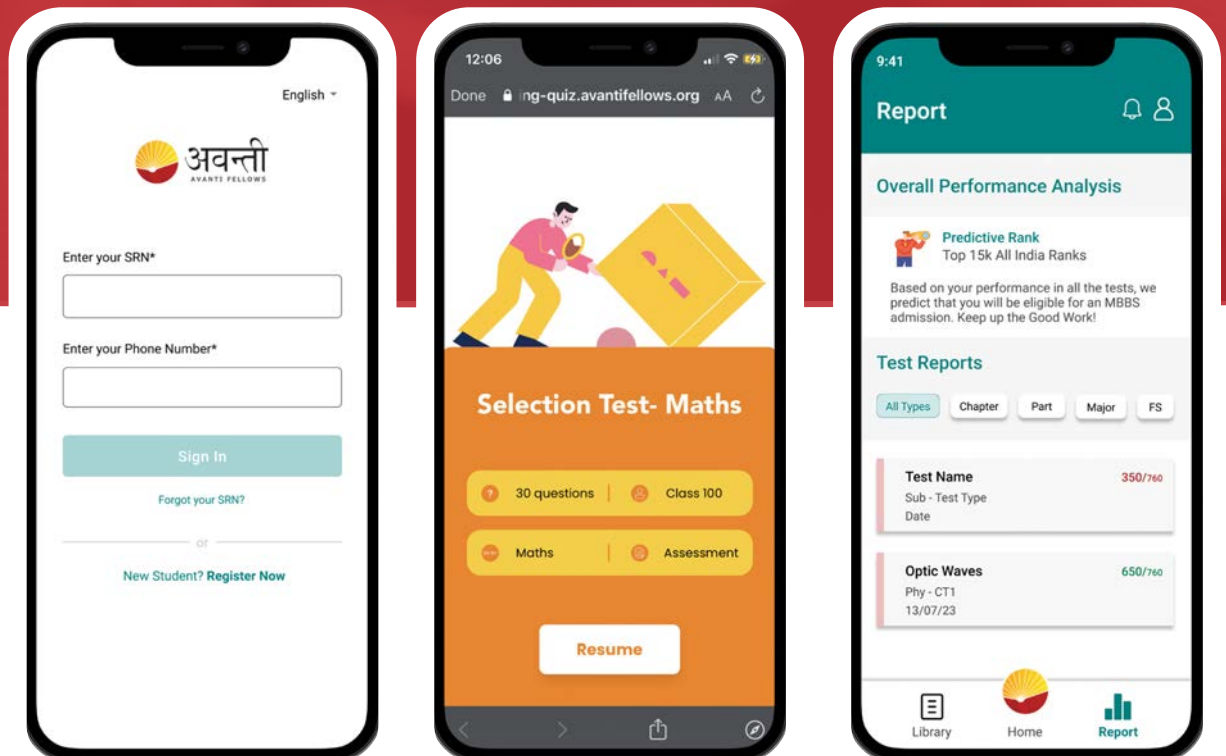


# Product

Avanti  
STUDENT COMPANION

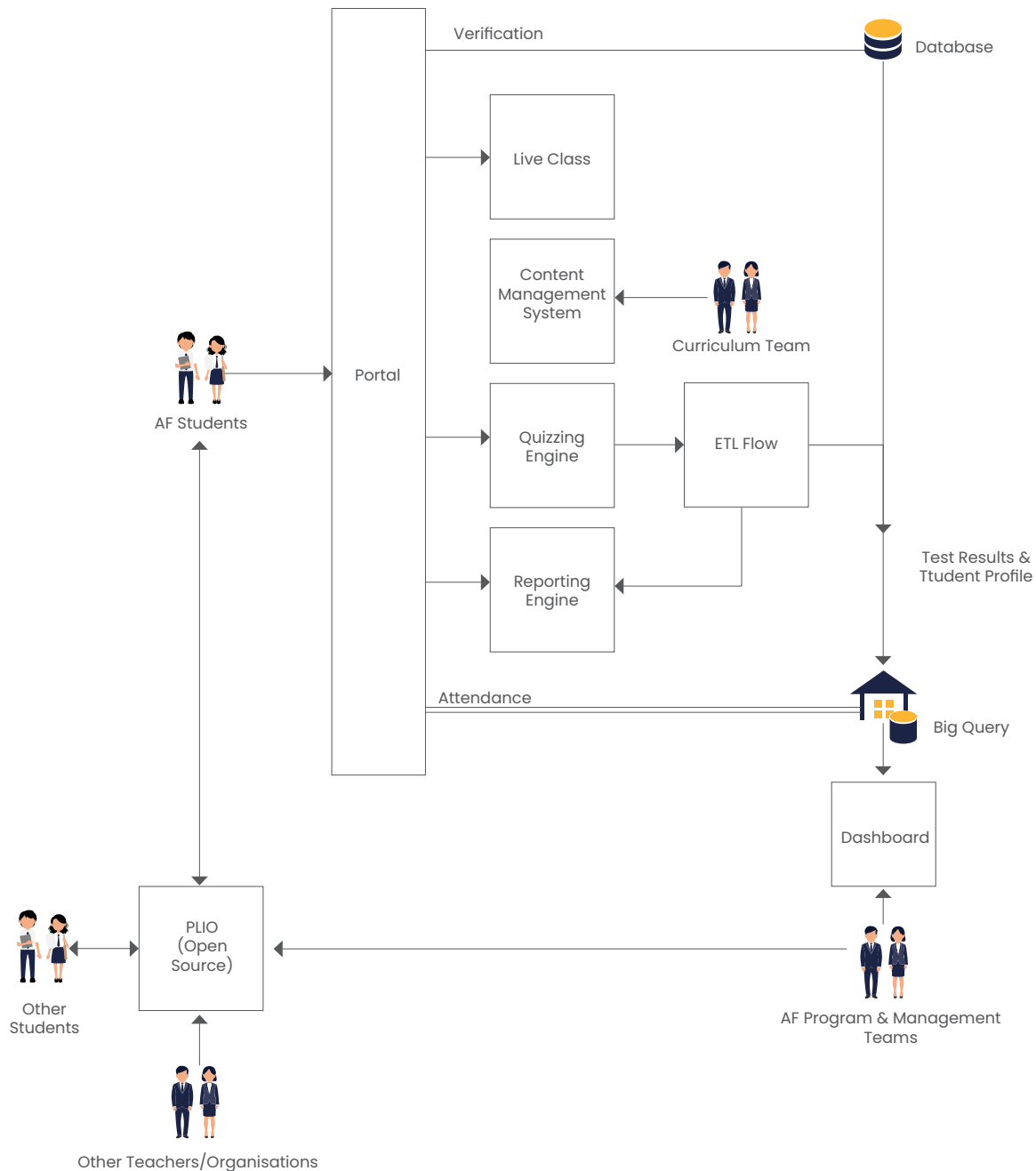
Initializing Tests Database

One of the lessons that Avanti draws from edtech companies is their focus on well-designed, easy to scale products. Unique in the development sector, Avanti has a professional product team that spans the areas of technology, content development, research and efficacy to design and scale tools for deeper impact through its programs. In this section, we take you through some of our recent innovations.



# Tech

Avanti Fellows' Tech Stack is composed of 14 modules. Each module has been built as a web-app that works well in low-network environments.



**These modules can be further classified as:**

1. Student facing modules
2. Internal modules
3. Applications



## Student Facing Module: Plio

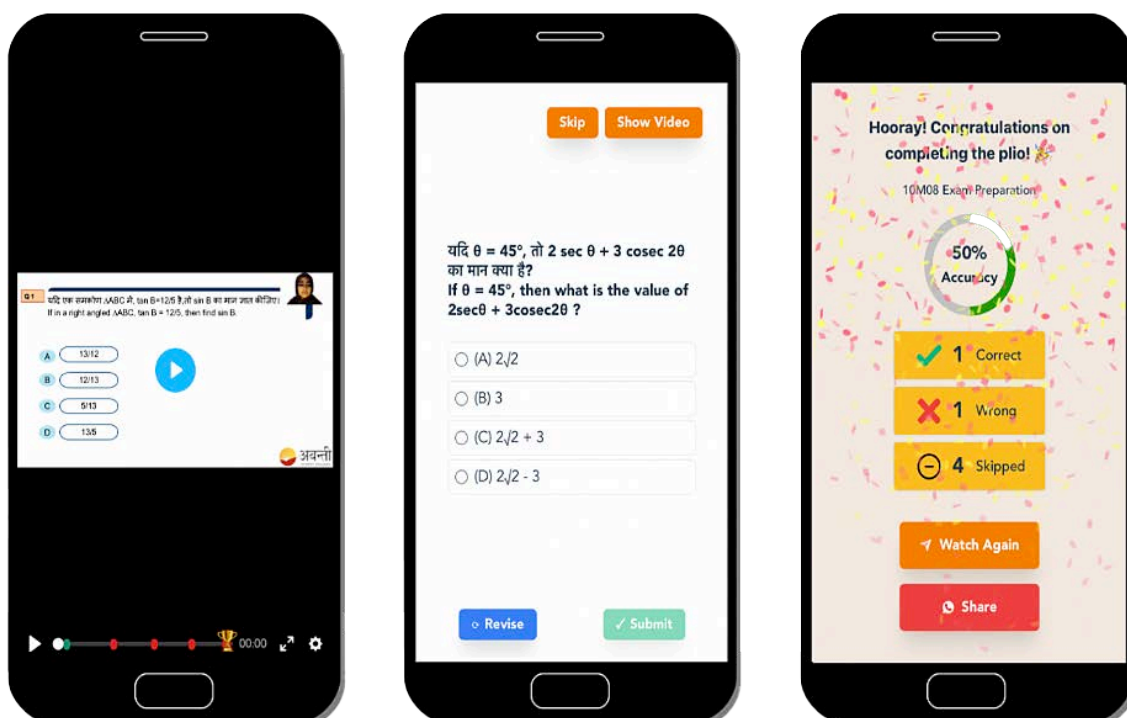
Plio is an open-source tool that enables Educators to convert youtube videos into interactive lessons by adding questions between the videos to gather a detailed understanding of how your students are learning.

### Objective:

Increase engagement in video lessons by enabling interactivity.

### Features:

1. Find and create interactive video lessons using existing YouTube content
2. Add quizzes and survey questions at specific time-stamps
3. Create both short-form and long-form assessments
4. Share the lesson as a web-link on WhatsApp
5. Capture usage data



## Student Facing Module: Portal

### Objective:

Act as an authentication and identification layer for student before entering to any session

- Find and create interactive video lessons using existing YouTube content
- A platform where students could register with Avanti's Progra

### Features:

- Sign In/Sign Up
- Forgot ID
- Profile completion form to enable easy collection of student information.

The image displays three sequential mobile app screens for the 'Avanti' student portal. Each screen features the 'Avanti' logo (a stylized sun icon) and the text 'अवन्ती AVANTI FELLOWS' at the top, with an 'English' language selector in the top right corner.

- Screen 1 (Login):** Prompts the user to 'Enter your SRN\*' and 'Enter your Phone Number\*'. It includes a 'Sign In' button, a 'Forgot your SRN?' link, and a 'New Student? Register Now' link at the bottom.
- Screen 2 (Profile Completion):** Titled 'Complete your Profile', it asks for 'Primary Smartphone Owner\*' (with a sub-question 'Who is the owner of the device that you will use for Avanti?'), 'Profession of Primary Smartphone Owner\*', and 'How often can you access Internet?'. It features a 'Start Session' button at the bottom.
- Screen 3 (Session Start):** Displays 'Your ID is 0000000000' and instructs the user to 'Kindly make a note of it. You will need this to log in to all your future sessions.' It includes a 'Start Session' button.

## Student Facing Module: Quizzing Engine

### Objective:

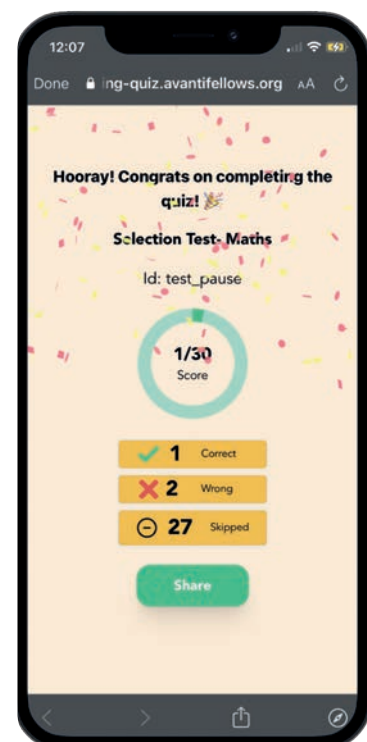
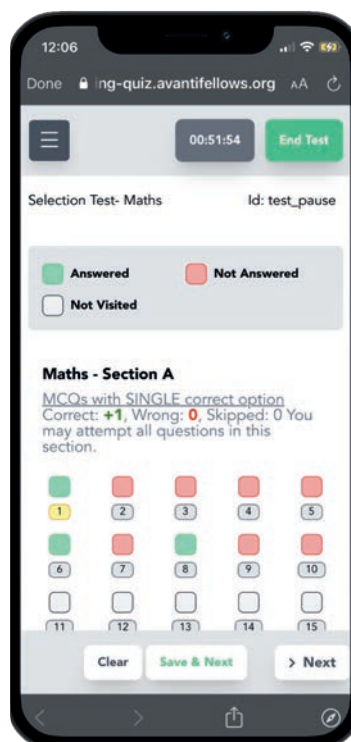
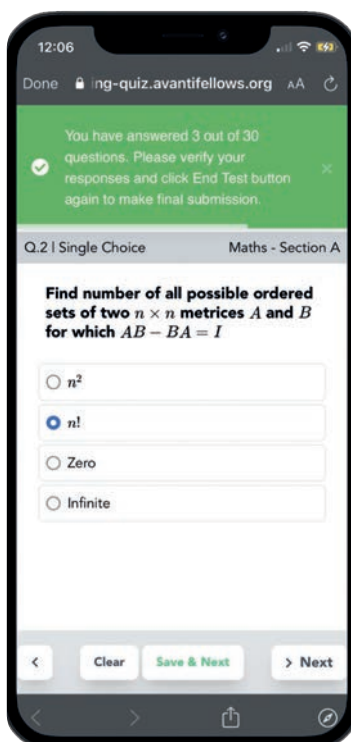
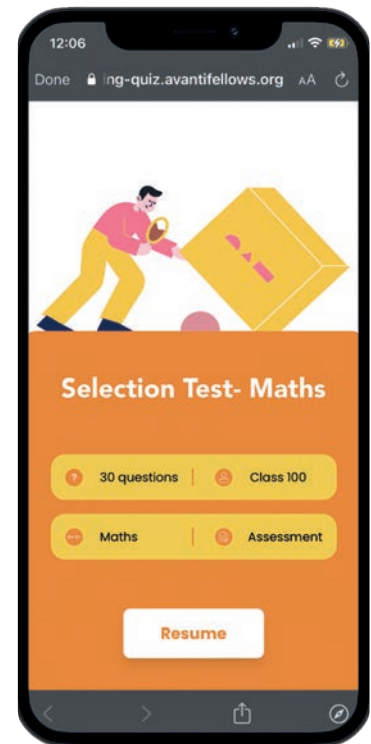
An interface which allows us to test students' capability and preparedness for the course they've enrolled in.

1. Selection tests for all Students
2. Weekly tests/assignments for Students enrolled in the Avanti programs
3. Hiring tests for potential Candidates
4. Certification test for AF Teachers

### Features:

1. Automatic Grading (incl. Partial Marking)
2. Timed Quizzes
3. Optional Questions
4. Digital OMR
5. Dynamic question palette
6. Easily accessible instructions panel

The QE is designed to closely resemble the NTA platform. We have made further improvements to cater to JEE Advanced type of questions that require partial marking.



## Student Facing Module: Reporting Engine

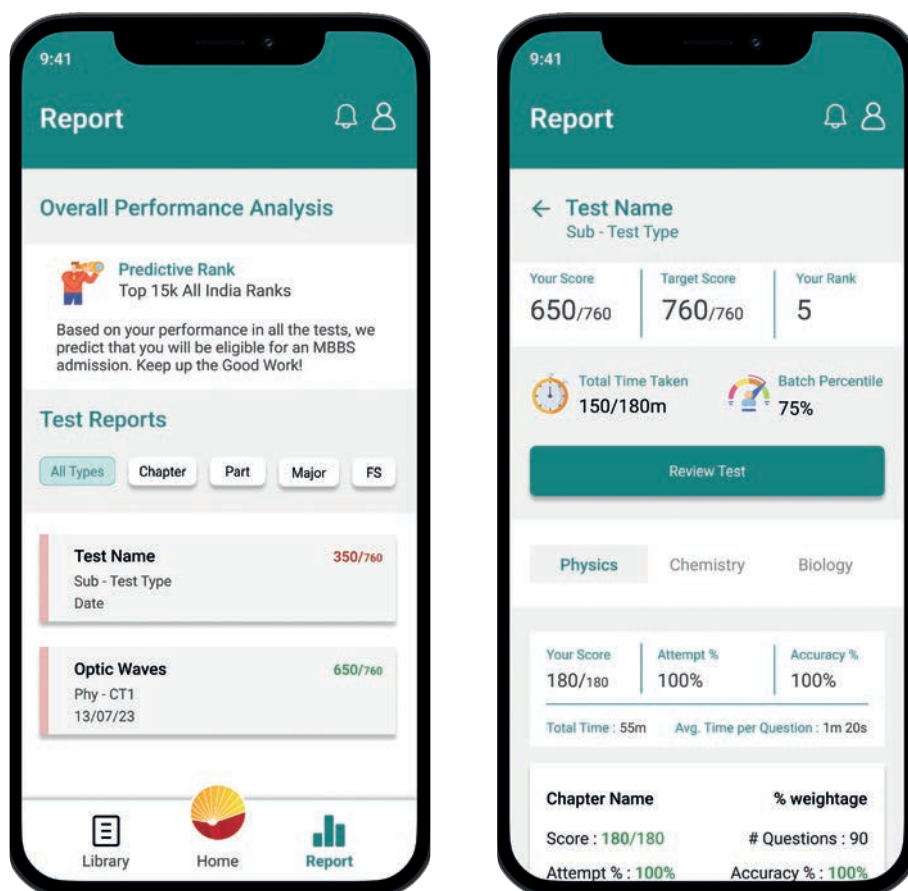
### Objective:

To generate individual reports with test data and analysis

- Sent to TestPrep students to view performance in weekly tests and analysis of areas of improvement
- Sent to Foundation students to view weekly attendance and performance in homework and Plios
- Sent to teachers after Classroom Observation by the Training Team

### Features:

- Navigation across reports
- Redirection to enable students to review their answers
- Display Granular data – time spent in each question/section – for students

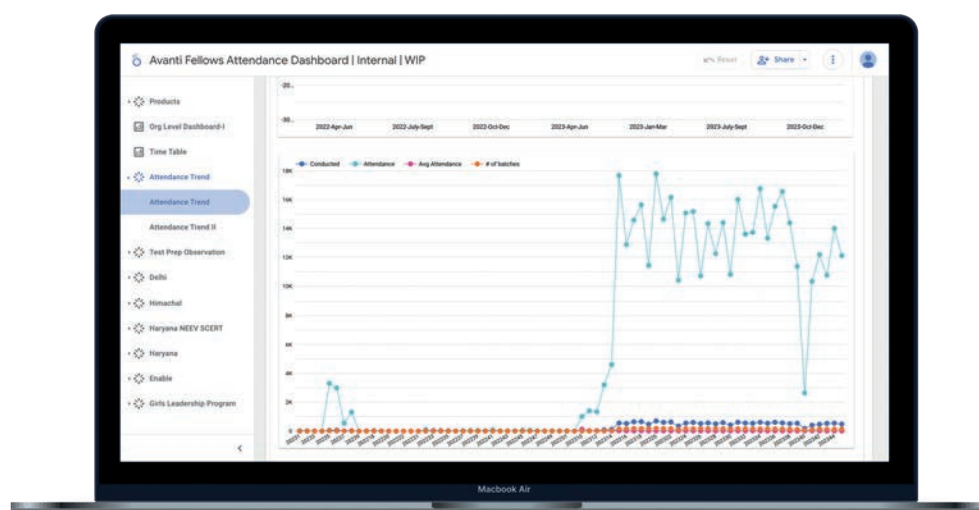
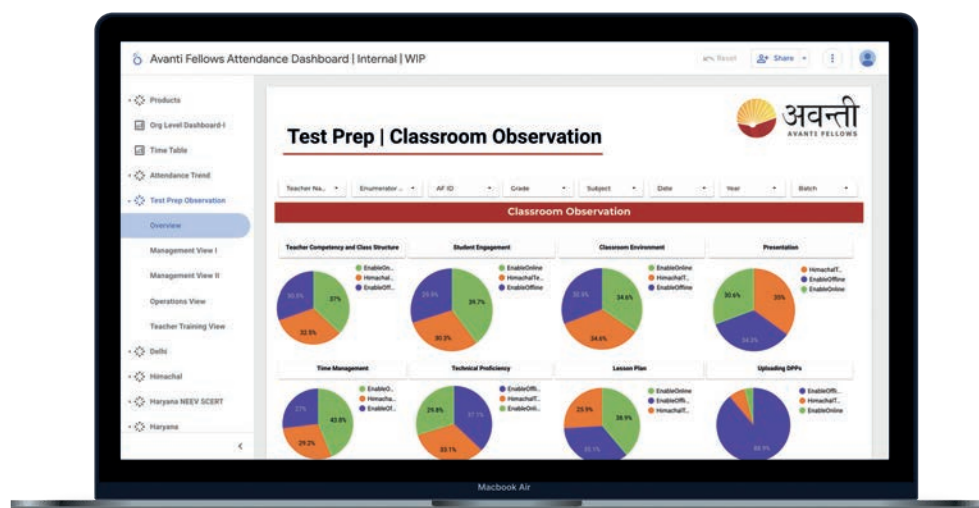




## Internal Module: Dashboard

### Objective:

1. Allow teachers to see a detailed report of their students' performance in each test as well as attendance in live classes
2. Allow program operations team to visualize the attendance and performance of students across grades, streams, batches
3. Allow program operations and curriculum teams to see the performance of teachers with respect to their students' performance, certification tests, classroom observation ratings etc.
4. Allow management team to see the overall performance of programs



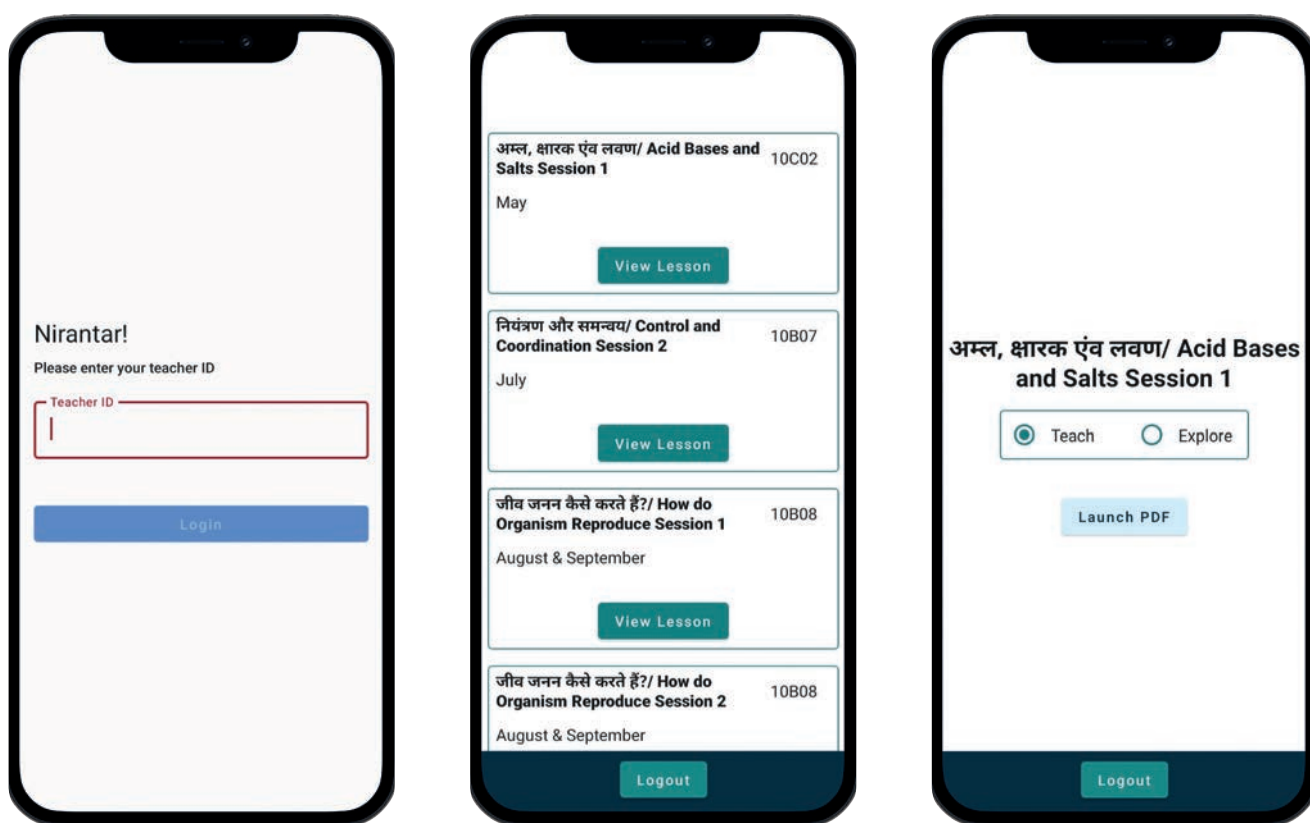
## Application: ICT App

### Objective:

To enable teachers to present curated content during class via a simple-to-navigate Android Application.

### Features:

1. Allows teachers to cast their screen and present content
2. Content is curated by the curriculum team on a Google Sheet and automatically picked up by the app
3. Detailed usage tracking for research studies



# Academic Curriculum

## Foundation Curriculum (Grades 9/10)

NEEV (Math Foundation) and NIRANTAR (Science Foundation)

As an effect of the pandemic on the public school system, the learning gaps in students have increased further. For Math the main issue is the lack of mastery of below-grade concepts for students in Grades 9 and 10. For Science, a structured revision curriculum is needed for students to revisit important concepts.

Avanti's NEEV and NIRANTAR Curriculum tackles these problem statements with workbooks, class slides, homework assignments and tests. The Foundation Curriculum is designed on top of a Learning Objective Framework that breaks the entire syllabus into individual competencies. Avanti's Foundation Curriculum and Learning Objective Framework are also a part of the DIKSHA Library, a Curriculum Portal accessible to all government school teachers and students.

This entire curriculum is bilingual in nature, supporting the learning needs and processes for Hindi and English medium students. It is also available on our [Sankalp Website](#) for free public use.

## Test Prep Curriculum (Grades 11/12)

Avanti's Test Prep Curriculum includes theory resources, question banks and tests which are suitable for college entrance exams. With the change in syllabus & pattern of JEE/NEET and other competitive exams, our academic materials are continuously updated to focus on the concepts and question types that are most relevant to the target exams.

## Curriculum Production

A dedicated team of print and video production specialists supports the Curriculum creation and maintaining the Curriculum Library of all our programs. This involves updating the Avanti Content Management System (CMS) with various types of questions suitable for the latest pattern and syllabus for use in tests, creating module workbooks and maintaining a repository of class recordings for students to refer to for revision or in cases of absence.





# Research & Evaluation

The main aim of this work is to ensure that every intervention we do at Avanti is based on evidence and translates into meaningful impact.

- **New Program Development:** Based on previous data and secondary research, new interventions are designed to cater to the needs of students. After a round of piloting and initial evidence generation, the intervention is scaled up with appropriate success metrics defined.
- **Piloting & Scaleup Support:** Every new tech product or intervention which is launched in scaled up programs is first piloted in specified schools or batches designated as 'Sandbox' schools/batches.
- **Evaluation and Learning from existing programs:** Generate evidence from scaled up programs as well as conduct stakeholder feedback interviews, to iterate on product and program design.
- **Coordinating with external agencies for our programs:** Coordinating with external evaluators to support the operationalisation of their evaluation efforts.

## Research and Evaluation in 2022-23

In AY 2022-23, R&E team's focus was primarily on:

1. Developing an asynchronous learning program
2. Profiling of students and understanding product-market fit of the Test Prep program
3. Alumni impact study

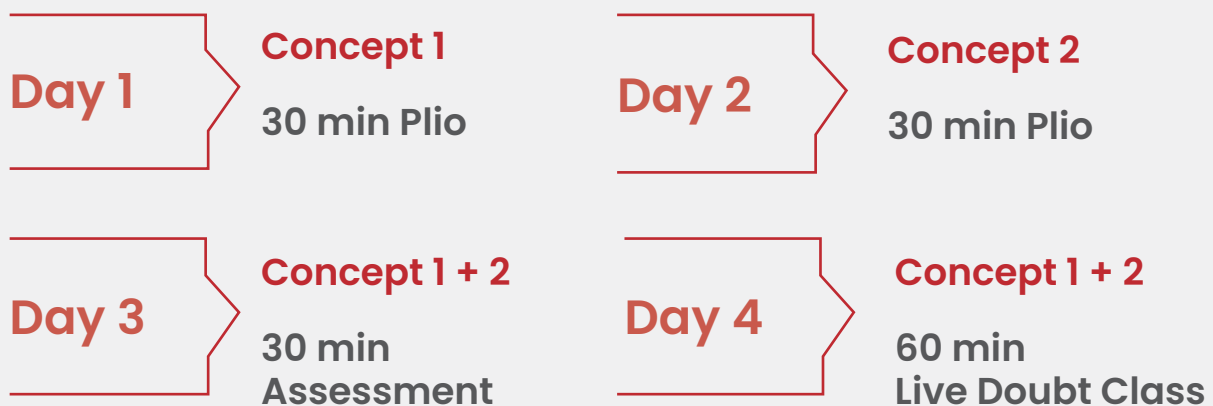


## NEEV Hybrid Program

NEEV Hybrid Program is an at-home digital learning program that combines digital synchronous and asynchronous learning tools to enhance students' academic

outcomes in mathematics. The program incorporates interactive videos called "Plios" and live classes as the primary asynchronous and synchronous learning components, respectively.

### HYBRID MODEL

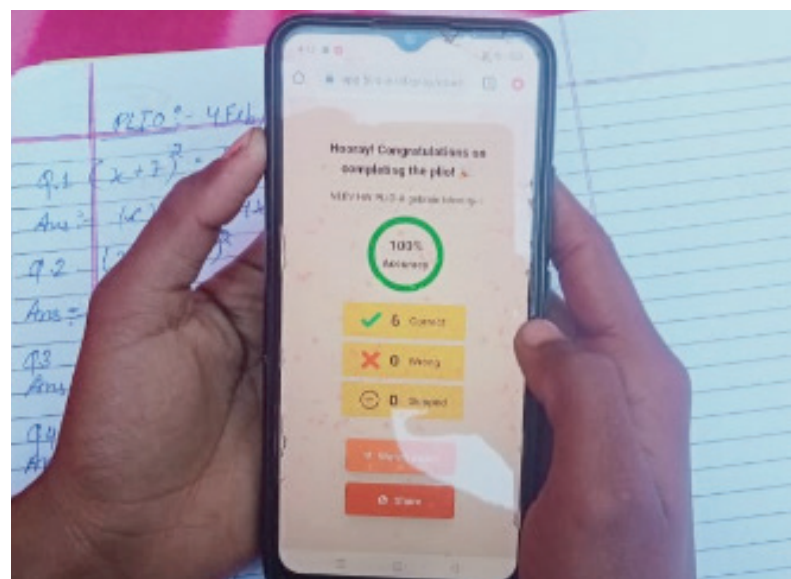


Structure of NEEV Hybrid Program

## Program Adoption

The NEEV hybrid intervention was co-designed with students and piloted in three stages, demonstrating strong adoption rates throughout. The flexibility of asynchronous learning contributed to a healthy adoption of over 50% regular users in each pilot stage, surpassing the attendance rates for live classes by 10 percentage points.

Student looking at Plio results, with notes taken in a notebook





### Plios

**35** average students/plio  
**14.5** min avg. watchtime

- Flexibility of usage (no time constraint)
- Can be repeated if topics is difficult to understand
- Self-paced learning



### Assesment

**26** average students/plio

- Needs higher push for adoption



### Doubt Class

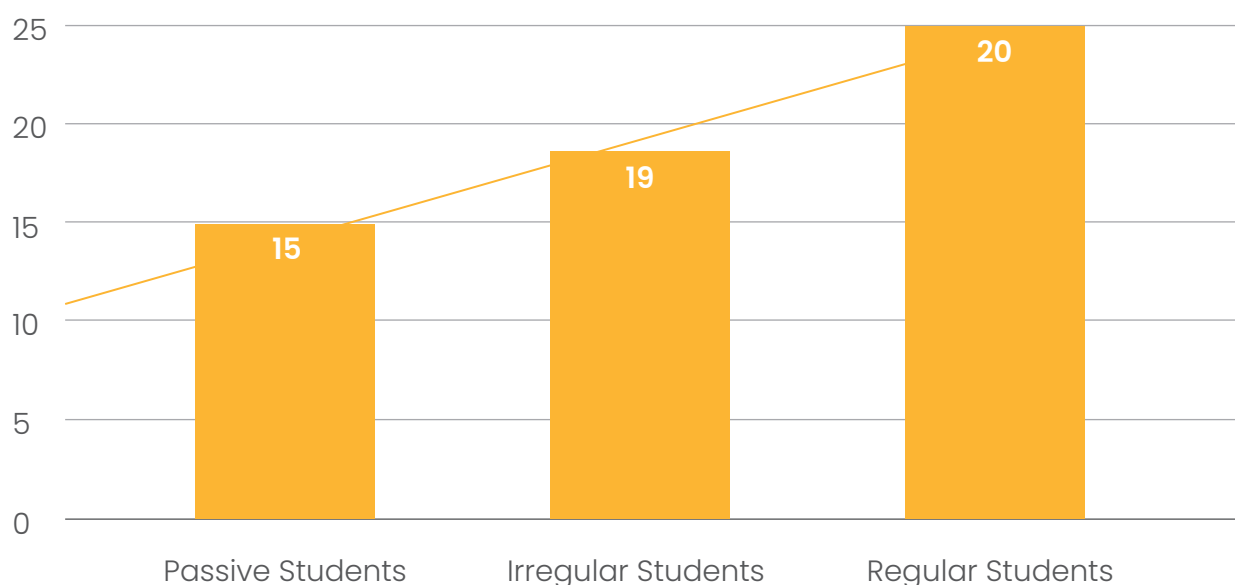
**29** average students/plio

- Pros: Students like the human aspect  
Cons: Device availability at a given time is a constraint

## Comparative adoption and feedback on individual components of hybrid program during pilot 3

## Impact on Learning

Passive students who did not engage with any component of the hybrid program exhibited an increase of 15 percentage points. Irregular students, who engaged with less than 50% of the learning sessions per week, showed a higher increase of 19.5 percentage points. Students attending more than 50% of the learning sessions per week, demonstrated the highest increase of 25.15 percentage points in their scores.



Increase in pp change from baseline to endline assessment with increasing engagement

## Other Learnings

### 1. Plio is the Preferred Mode of Asynchronous Learning

After considering assessments, videos, and Plios, the students selected Plios as the preferred form of asynchronous learning. This selection aligned with our previous study showing that student engagement on Plios is five times higher than regular YouTube videos.

### 2. Cohort based learning works

Cohort based learning with a teacher works well. Whatsapp groups serve as online communities of learning.



Online Whatsapp Communities

### 3. Students prefer Plios with teacher presence in them

Based on conversations with students, as well as previous qualitative and quantitative data, students prefer videos with human presence in them. In the hybrid program, the Plios were designed to resemble teachers delivering live classes, with pop-up questions replacing real-time Q&A sessions.

### 4. Early Adopter Characteristics

Early adopters of asynchronous learning programs are students who are academically strong, naturally curious, self-motivated and need autonomy in learning.

### Test Prep User Studies

Throughout the year, we surveyed students of our test prep program to understand how the program can serve them better and be more effective. Following are the major learnings from the year:

#### 1. Need for exposure to competitive exams:

Majority of students in school focus on boards and have no long term plans or knowledge of JEE/NEET. Thus, there are academically strong students who are good at studies, but need to take a drop year after 12th because of a unilateral focus on board exams. Hence, the biggest delta that can be achieved at a large scale is to generate awareness about these exams and related career opportunities with students at a population level.

**2. Around 10% students opt for external coachings:** The academically strongest students are typically more aware about competitive exams and hence 10% of students opt for offline external coachings. Conversations with such students revealed that:

a. If Avanti Test Prep Program starts by

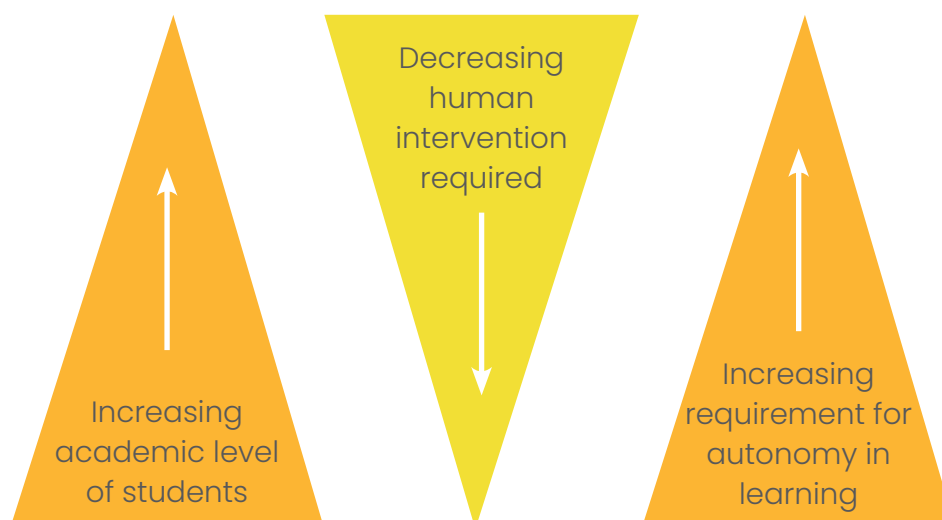
end of grade 10th/11th, students would have an option to not go for paid coachings and prefer Avanti classes.

b. Such students in private coaching still engage with the Avanti program through weekly tests, test series, and selected class recordings for doubt resolution.

**3. Test taking strategy is a key differentiating factor for success:** A survey with JEE and NEET toppers revealed that test-taking strategies, including time management during exams and question attempt strategy are key differentiating factors between successful and unsuccessful competitive exam attempts

**4. Students of different academic levels have different learning styles:** There is a need to have flexible programming for different types of students. Typically students of high academic levels need a low-touch exam guidance program with self-directed learning, while students with low academic levels need a higher touch program with Avanti-driven study schedule and classes.

Learning experiences for various kinds of students





### Alumni Surveys

The primary objective of this study was to measure the increase in the overall household income of our alumni once they start earning. In addition, we wanted to identify factors such as socioeconomic indicators and gender constraints that impact the final life outcome of an individual.

Hence, two alumni surveys were conducted in 2022-23. The Economic Impact study was led by Sattva Consulting, who designed the study and reached out to our alumni from JNV batches 2013-2021. The related mixed methods survey was conducted internally to understand alumni challenges and future areas of intervention in deeper detail.

### Alumni Impact Study

#### Major Learnings from Economic Impact study:

The most significant finding from this study is that on average, working Avanti alumni contribute to a 1.8x increase in household income upon graduation. Across tiers of college, INR 700,000 per annum is the median starting salary.

Almost 80% of alumni had gained admission into Avanti's band of designated elite or high-quality colleges, based on placement data from credible external sources such as NIRF (National Institutional Ranking Framework).

Additionally, it was found that Grade 10 Board exam scores are a good predictor of future competitive exam trends. Using grade 10 results, students can be encouraged to pick the appropriate stream of study in grade 11 to ensure favorable long-term outcomes.

#### Emphasizing the urgency to focus on girls

Male students who score above 80% in grade 10th board exams prefer mathematics over biology. However, female students who score between 80-90% in the grade 10 board examination tend to prefer biology over mathematics. A potential cause for this mismatch is lower confidence levels among girls in their science and mathematical abilities.

The impact of these preferences are revealed later, where the median starting salary for male alumni is almost 87% higher than that for female alumni. Female underrepresentation in IITs and NITs is one of the major reasons for this wide gap.



## Alumni Survey

### Major Learnings:

#### 1. Parent Education is a major factor affecting student exposure and career choices

We found that the level of parent education plays a significant role in deciding what career pathways are taken by the students. Typically students who did not prepare and appear for top competitive exams had parents with relatively low levels of education. Similarly students who opted for non-traditional but financially rewarding career choices had parents, especially mothers, with higher-than-average levels of education.

| To Pursue | For Boys | Below 12th standard | Graduation & Above | Informal Employment | Formal Employment | For Girls | Below 12th Standard | Graduation & Above | Informal Employment | Formal Employment |
|-----------|----------|---------------------|--------------------|---------------------|-------------------|-----------|---------------------|--------------------|---------------------|-------------------|
| NEET      | Father   | 29%                 | 71%                | 50%                 | 50%               | Father    | 58%                 | 42%                | 36%                 | 64%               |
| NEET      | Mother   | 43%                 | 57%                | 79%                 | 21%               | Mother    | 73%                 | 27%                | 91%                 | 9%                |
| JEE       | Father   | 48%                 | 52%                | 42%                 | 58%               | Father    | 50%                 | 45%                | 55%                 | 45%               |
| JEE       | Mother   | 72%                 | 28%                | 90%                 | 10%               | Mother    | 60%                 | 40%                | 75%                 | 25%               |
| Other     | Father   | 67%                 | 33%                | 64%                 | 36%               | Father    | 61%                 | 39%                | 79%                 | 21%               |
| Other     | Mother   | 84%                 | 16%                | 88%                 | 12%               | Mother    | 81%                 | 19%                | 90%                 | 10%               |

Vey high % of mothers with graduation of above for NEET boys.

Vey high % of mothers with formal employment for NEET boys.

Vey high % of mothers with graduation of above for JEE girls.

Vey high % of mothers with formal employment for JEE girls.

Lowest education levels and formal sector employment for parents of students opting for other exam

Table-1 Education level and employment of parents for boys and girls opting for JEE, NEET and Other Exams

#### 2. Gender, but not academic scores, have a significant association with choice of career pathway

Typically, male students opt for JEE preparation, while female students have NEET exam as their primary entrance exam choice. The secondary entrance exam choice for female students is Common Entrance Test (CET) rather than JEE.

|            | Class 10th |     |        |     | Class 12th |     |        |     |
|------------|------------|-----|--------|-----|------------|-----|--------|-----|
|            | Male       | N   | Female | N   | Male       | N   | Female | N   |
| NEET       | 89.31      | 14  | 86.73  | 45  | 87.66      | 14  | 86.81  | 45  |
| JEE        | 90.61      | 105 | 91.48  | 20  | 89.27      | 105 | 89.90  | 20  |
| Other Exam | 87.60      | 87  | 86.17  | 136 | 83.83      | 87  | 84.53  | 136 |
| Total      | 89.18      | 206 | 86.70  | 201 | 86.67      | 206 | 85.07  | 201 |

Table-2 Percentage break-up of board results

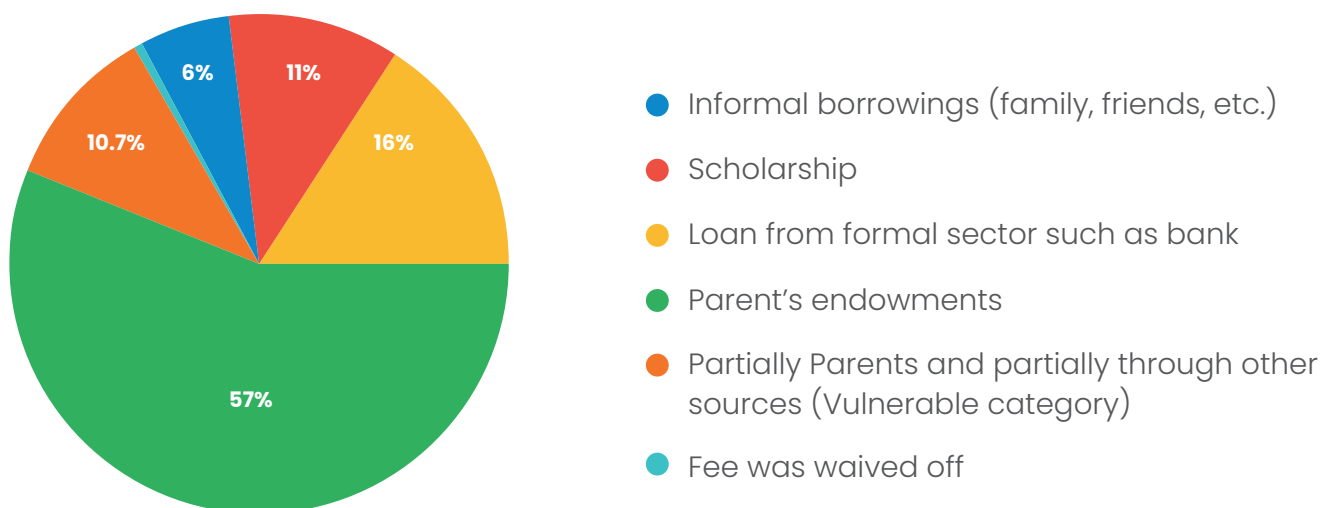
### 3. Taking a drop year might be beneficial

Almost one-third of the students took a gap year to prepare for competitive exams after graduating from 12th standard. More than 40% of the students who took a gap year for NEET preparation gained admission in medical and allied courses.

### 4. Girls face additional barriers due to gender-specific challenges

More than half of the female respondents shared that they faced mobility constraints during college selection due to household patriarchal mindset and safety concerns. As a result, they had to look for a college near their home location. Even at the time of job placement, girls had to take a step back due to mobility constraints.

### 5. Financing college education is a major challenge for students



Sources of financing higher education

Affordability emerged as a significant determinant of decision-making while selecting a college. 20 percent of the respondents clearly stated that their choice of college was limited by college fees (they had chosen a specific college as the fee was less). 30 percent of the respondents selected a college because of its reputation and good placements but again the tuition fee at these colleges was lower than average.



# Donors & Partners

## Donors Individuals



Ashank Desai



Binny Bansal



Vishal Poddar

## Our Partners



UK ONLINE GIVING FOUNDATION

## Government Partners



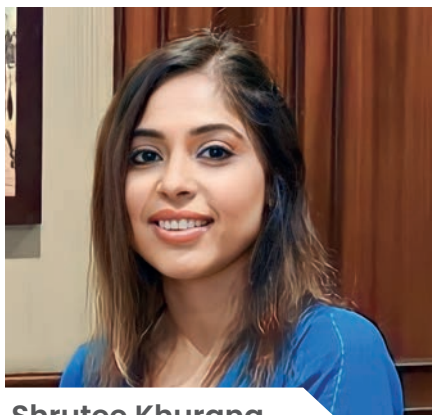
## Knowledge Partners





## Quotes

# From our Donors



**Shrutee Khurana**  
Director – Infosys Foundation

Infosys Foundation, in line with the latest New Education Policy, is strengthening its efforts in the areas of STEM Education across the country. We also look towards providing meaningful assistance to the underrepresented and underprivileged communities. Avanti Fellows shares our common belief in supporting and providing opportunities for deserving girl students – especially concerning their education.

*We partnered to launch the “Infosys Foundation-Avanti Fellows Girls STEM Education Program”, to help girls in engineering and medical fields pursue their education and passion.*

The program builds on the core competencies in STEM with the goal to attain both academic and career success. Through this, the Foundation is able to address the important issue of underrepresentation of women in STEM in various states including Maharashtra, Telangana, Arunachal Pradesh, Assam, Manipur, Tripura, Meghalaya, Mizoram, Sikkim, Nagaland & Kerala.



**Vinod Kulkarni**  
Tata Motors Limited (TML)

Avanti Fellows has a set of highly committed professionals working towards helping every young person in their project realize their potential. This approach has kept Tata Motors & Avanti together & growing for a decade now. Avanti aspires to enhance the reach across India in an efficient & effective manner which gels with Tata Motors Ltd 'More from Less for More' philosophy & hence our association with Avanti has leaped from 2 JNVs to over 200 JNVs now.

# Financials

## Avanti Fellows

(Registered as a Trust under the Registration Act, 1908)

### INCOME EXPENDITURE ACCOUNT

FOR THE YEAR ENDED 31ST MARCH, 2023

[consolidated accounts for Foreign and Domestic contributions

Amount (In Rs.)

| 31.03.2022   | EXPENDITURE                | SCH  | 31.03.2023   | 31.03.2022   | INCOME                  | SCH | 31.03.2023   |
|--------------|----------------------------|------|--------------|--------------|-------------------------|-----|--------------|
|              |                            | SCH  | Total        | Total        |                         | SCH | Total        |
| 8,38,45,242  | Salary                     | XII  | 17,18,05,910 | 23,51,80,690 | Donations Received      | X   | 24,09,88,175 |
| 8,27,66,198  | Program Expenses           | XIII | 4,38,85,411  | 33,90,760    | Other Income            | XI  | 53,13,568    |
| 87,87,312    | Students Expenses          | XIV  | 40,01,113    | -            | Project Fund Adjustment |     |              |
| 51,45,417    | Travelling Expenses        | XV   | 1,28,06,954  |              |                         |     |              |
| 6,69,697     | Office Expenses            | XVI  | 12,41,731    |              |                         |     |              |
| 80,08,535    | Professional Fees & Others | XVII | 4,18,01,224  |              |                         |     |              |
| 4,93,49,050  | Current Surplus            |      |              |              | Current Deficit         |     | 2,92,40,601  |
| 23,85,71,451 | TOTAL                      |      | 27,55,42,344 | 23,85,71,451 | TOTAL                   |     | 27,55,42,344 |

"This is the Income & Expenditure referred to in our report of even date"

For Girish S Watwe & Associates  
Chartered Accountants

Girish S. Watwe | Proprietor | Membership No 41757  
Place : Mumbai | Dated : 26/09/2023  
UIDN : 23041757BGWBES6395




For and behalf of the Trust

Trustee



Trustee



## Avanti Fellows

(Registered as a Trust under the Registration Act, 1908)

BALANCE SHEET AS AT 31ST MARCH, 2023

[consolidated accounts for Foreign and Domestic contributions

Amount (In Rs.)

| 31.03.2022          | LIABILITIES                                                | SCH | Rs.           | 31.03.2023          | 31.03.2022          | ASSETS                             | SCH        | Rs.         | 31.03.2023          |
|---------------------|------------------------------------------------------------|-----|---------------|---------------------|---------------------|------------------------------------|------------|-------------|---------------------|
|                     | <b>Capital Fund</b>                                        |     |               | <b>Total</b>        | <b>Total</b>        | <b>Fixed Assets</b>                | <b>SCH</b> |             | <b>Total</b>        |
|                     | Corpus Fund                                                |     |               |                     | 2,48,40,252         | Asset against Project Grant        | V          |             | 90,25,958           |
| 5,20,07,500         | Opening Balance                                            |     | 5,22,08,500   |                     | 27,80,625           | General Fixed Assets               | VI         | 33,89,119   |                     |
| 2,01,000            | Add : Received during the year                             |     | -             |                     | (23,47,649)         | Less: Accumulated Depreciation     | VII        | (25,39,807) | 8,49,312            |
| -                   | Less : Amount Spent towards Project                        |     | -             | 5,22,08,500         |                     |                                    |            |             |                     |
|                     | <b>General Reserve</b>                                     |     |               |                     | 5,20,00,000         | <b>Corpus Fund Investment</b>      |            |             | 5,20,00,000         |
| 26,72,079           | Opening Balance                                            |     | (2,28,91,847) |                     | 3,09,25,463         | <b>Fixed Deposits with bank</b>    |            |             | 4,02,24,000         |
| (3,00,00,000)       | Trf to (-) / From (+) Accumulation u/s 11(2)               |     | 3,00,00,000   |                     |                     | <b>Current Assets</b>              |            |             |                     |
|                     |                                                            |     | 71,08,153     |                     |                     |                                    |            |             |                     |
| 4,93,49,050         | Excess of income/ (Expenditure) over (Expenditure)/ Income |     | (2,92,40,601) |                     | 2,00,000            | Security Deposits                  | VIII       |             | 2,00,000            |
| (15,230)            | Adjustment During the year                                 |     | (11,149)      |                     |                     | <b>Cash in Hand</b>                |            |             | -                   |
| (4,48,97,746)       | Transfer to / from Project Account                         |     | 2,91,71,943   |                     |                     | <b>Balances with Banks</b>         |            |             |                     |
| -                   | Transfer from Asset Reserve for Project grant              |     | 1,76,846      | 72,27,490           |                     |                                    |            |             |                     |
|                     | <b>Accumulation u/s 11(2) (FY \ 2021-2022)</b>             |     |               |                     | 6,763               | Canara Bank                        |            | 5,444       |                     |
|                     |                                                            |     | -             |                     | 1,30,65,676         | Kotak Bank                         |            | 1,90,10,790 |                     |
| -                   | Opening Balance                                            |     | 3,00,00,000   |                     |                     | HDFC Bank                          |            | 1,20,813    |                     |
| 3,00,00,000         | Transfer from (+) / to (-) General Reserve                 |     | (3,00,00,000) | -                   | 13,07,147           | State Bank of India (FCRA Account) |            | 5,01,446    |                     |
| 7,81,81,239         | <b>Project Grant</b>                                       | II  |               | 6,42,94,553         | 3,90,50,998         | ICICI Bank (FCRA Account)          |            | 92,36,152   | 2,88,74,646         |
|                     | <b>Assets Reserves for Project Grant</b>                   | III |               |                     | 72,89,931           | <b>Other Current Assets</b>        | IX         |             | 63,29,633           |
| 3,66,28,542         | Opening Balance                                            |     | 2,48,53,052   |                     |                     |                                    |            |             |                     |
| 40,25,532           | Add : Addition of Asset Purchsed                           |     | 8,38,713      |                     |                     |                                    |            |             |                     |
| -                   | Less : Transfer to General Reserve                         |     | (1,76,846)    |                     |                     |                                    |            |             |                     |
| (1,58,01,022)       | Less: Depreciation on Project Asset For C.F.Y              |     | (1,61,23,971) | 93,90,948           |                     |                                    |            |             |                     |
|                     | <b>Current Liabilities</b>                                 |     |               |                     |                     |                                    |            |             |                     |
| 67,68,261           | Other Liabilities                                          | IV  |               | 43,82,054           |                     |                                    |            |             |                     |
| <b>16,91,19,205</b> |                                                            |     |               | <b>13,75,03,546</b> | <b>16,91,19,205</b> |                                    |            |             | <b>13,75,03,546</b> |

Significant Accounting Policies &amp; Notes to Account - Schedule 1

"This is the Income &amp; Expenditure referred to in our report of even date"

For and behalf of the Trust

For Girish S Watwe &amp; Associates Chartered Accountants

Girish S. Watwe | Proprieter | Membership No 41757

Place : Mumbai | Dated : 26/09/2023

UIDN : 23041757BGWBES6395




  
Trustee


  
Trustee

# Alumni Stories



**Pravir Rawat**  
IIT Bhubaneswar

Pravir possessed a natural inclination towards science and, following in his father's footsteps, he made the decision to pursue a career in the same field. Initially, he relied on YouTube videos and other online resources to grasp the necessary concepts while preparing for the JEE exam to secure admission into a reputable engineering college.

In July 2022, Pravir enrolled in Avanti's test prep program. Pravir found immense support from his math teacher, Mr. Harshit. With a remarkable ability to simplify complex concepts, Mr. Harshit played a crucial role in Pravir's academic journey. Thanks to Mr. Harshit's guidance, Pravir developed a better understanding of mathematical principles and gained confidence in his ability to perform well in the JEE exam.

To further refine his preparation for the JEE Advanced exam, Pravir signed up for Avanti's one-month crash course which included weekly mock tests that provided Pravir with the necessary practice and helped him stay on the right track. Pravir achieved an outstanding score of 126 in the JEE Advanced exam. He has now enrolled in Mechanical Engineering at IIT Bhubaneswar, and plans to pursue a career in research in physics.



**Preeti**

*Computer Science in  
University of Visvesvaraya  
College of Engineering  
(UVCE) Bengaluru*

Preeti's interest in computers sparked at a young age when her father brought home their first family computer. Although the computer was initially only used for printing, Preeti and her younger brother enjoyed playing games on it for hours. Her curiosity about computer science engineering grew as she learned more about it from relatives who worked in the field. Preeti knew then that she too wanted to pursue computer science and turn it into her career.

Preeti hails from Kodlagadde, a small village in Uttara Kannada, Karnataka with a population of just over 300 people. Due to the village's limited resources, opportunities for growth and development were scarce. Her father is the family's only breadwinner and works as a farmer while her mother is a homemaker. "Though my father wanted to, he was unable to pursue his studies due to a lack of financial support and turned to farming to provide for the family. He is now my biggest supporter and is my constant source of encouragement."

Due to financial constraints, Preeti's parents could not afford to send her to a private school. Moreover, the nearest school was

located about 30 km away, making it difficult for Preeti to travel every day. Luckily, Preeti was admitted to JNV Uttara Kannada, which provided her with access to quality education without any fees.

Unfortunately, in 2021, Preeti and her family suffered a great loss when floods caused irreparable damage to their house. They were forced to move and take a loan from the bank to build a new home, but limited funds meant they could only afford to construct part of the house. The loss of a home caused tremendous grief and added financial burden on Preeti's parents. From that point on, Preeti's main objective was to help her parents repay their loans and also provide funds to finish building their house.

**Determined to achieve her goals, Preeti aimed to clear the JEE examination and secure a good rank. "Avanti's Test Prep Program greatly benefited me. Whenever I encountered difficulties in comprehending certain topics, my teachers were extremely patient and provided me with thorough explanations. Additionally, since I lacked a solid foundation in several topics, Avanti arranged extra classes and mock tests on a daily basis which gave me hope and confidence in my ability to excel in the JEE exam."**

Preeti secured a spot in the 92nd percentile in JEE exam earning her a Computer Science seat in University of Visvesvaraya College



of Engineering Bengaluru, taking her one step closer to her dreams of becoming a computer science engineer.

"After years of hard work, I am hopeful that I

can get admission into a good college and then get a job with a reputed firm that will allow me to financially support my parents by repaying their loans and finish building our home."

---



**Ganavi**  
*Shivamogga Institute of  
Medical Sciences*

Ganavi, a student from JNV Chitradurga, Karnataka, has emerged as Avanti's NEET topper this year! With an outstanding score of 626, Ganavi has secured a seat in Shivamogga Institute of Medical sciences.

Ganavi recognized the importance of excelling in the NEET exam, so she commenced her preparations during the 11th grade. Devoting an average of 5 hours daily to NEET studies, she primarily focused on solving previous years' question papers. Avanti's program equipped her with crucial skills such as time management and strategic problem-solving.

Additionally, mock tests helped her pinpoint and address her weaker areas effectively. While she is elated with her results, she is aware that the journey to becoming a doctor is long. Nonetheless, the experience of preparing for one of the country's most competitive exams has instilled in her the confidence to overcome any challenges that may arise.



**Harshita Bharti**  
*Lady Hardinge Medical  
College*

Growing up in a small village in Uttar Pradesh, Harshita's mother encountered numerous obstacles that disrupted her education, preventing her from advancing beyond the 10th grade due to societal pressures. This thwarted her dream of becoming a doctor, but she held onto that aspiration. When Harshita entered high school, her mother's unfulfilled ambitions became a motivating factor. She saw in their child an opportunity to realize the dream she could not attain herself. With unwavering support and encouragement, her mother urged Harshita to pursue the science stream, believing in her potential to excel in the field of medicine.

The family faced financial constraints, relying solely on Harshita's father as the breadwinner. The cost of private NEET coaching appeared

unattainable. Harshita turned to alternative resources to supplement her studies, leveraging YouTube as a virtual classroom that provided educational videos and lectures.

Upon reaching 12th grade, it became evident that more structured guidance was necessary to excel in the NEET exam. This led to the discovery of Avanti's online test prep program, which offered comprehensive study materials, practice tests, and expert guidance. With the assistance of dedicated teachers, Harshita effectively covered extensive portions of the syllabus. The weekly tests served as valuable tools to measure progress, identify areas requiring improvement, and fine-tune the preparation strategy.

Months of diligent studying, coupled with the support of family and her teachers, culminated in a noteworthy category rank of 1155 and admission into Lady Hardinge Medical College. This achievement was not only the realization of her own dream of pursuing a medical career, but also the fulfillment of her mother's long-held aspirations.



### **Poorvika**

*PES College of Engineering*

Poorvika's biggest inspiration has always been her father. Even though he passed away four years ago, she has never lost sight of his vision for her life. "At first, I didn't know which path to take. I had so many aspirations and dreams. I wanted to be a doctor, a lawyer, a businesswoman, and so much more. But my father always wanted me to be an engineer, and that's what I decided to pursue. If I ever get the chance, I would love to explore all those other options. But my ultimate goal is to make my mother and family happy and to help those in need." Her father, a farmer, was the driving force behind her decision to take the JEE exam. He always wanted her to attend either IIT or NIT, and he used to show her videos of these institutions on YouTube. He never stopped encouraging her to take the challenging JEE exam.

Enrolling in JNV was a turning point for Poorvika, especially since her family struggled financially. JNV was a reputable school with a CBSE curriculum up until class 12, and it provided her with free coaching classes and mentorship programs facilitated by Avanti during her 11th and 12th grades.

In 2019, tragedy struck when Poorvika's parents were attacked by a swarm of bees while working in the fields. Her mother was lucky to survive, but her father, who had been in poor health for years, succumbed to his injuries. Despite the devastating loss, Poorvika was determined to make her father proud and ensure her mother didn't have to work in the fields anymore. She worked tirelessly, putting in 5-6 hours of study each day, preparing not only for JEE qualification but also for a seat in a good engineering college.

Poorvika benefited greatly from Avanti's test preparation program, focused on developing the skills and knowledge needed to excel in exams like JEE. Avanti's teachers helped her identify her strengths and weaknesses and equipped her with test-taking strategies. Moreover, Avanti provided her with up-to-date information about various reputed colleges and examinations, expanding her knowledge about the opportunities available.

Poorvika cleared the JEE examination with a remarkable 92 percentile. With a category rank of 26498, Poorvika secured a seat in PES College of Engineering and is on the path to realizing her, and her father's, dreams.

# Our Top Placements This Year

**Abhiram Podeti**, IIT Madras | **Aditya Holla**, IIT Madras | **Ayusee Rabha**, IIT Guwahati | **Ayush Kumar P**, IIT Roorke | **Boddu Lalith Shiva Ramu**, IIT Patna | **Darla Sasi Kumar**, IIT Madras | **Ganesh K Sinnur**, IIT Guwahati | **Harshith**, IIT Madras | **Hemanth Datta Nakka**, IIT Madras | **Karthik Ande**, IIIT Hyderabad | **Nethavath Praveen**, IIIT Hyderabad | **Nilavra Ghosh**, IIIT Hyderabad | **Patimeeda Giri Bharadwaj**, IIT Madras | **Pravit**, IIT Ropar | **Prithvi**, IIT Delhi | **Shimpi**, IIT Guwahati | **Shivam**, IIIT Delhi | **Shreyas M Das**, IIT Madras | **Varun K R**, IIIT Haryana | **Abhishek M B**, NITK Surathkal | **Aditya**, NIT Puducherry | **B Mukesh Chandra**, NIT Puducherry | **B Ramsai**, NIT Puducherry | **Badavath Aravind**, NIT Puducherry | **Bandari Swaran**, NIT Puducherry | **Bansh**, NIT Hamirpur | **Bhoomi G Chavhan**, NIT Surathkal | **Hanamant C Naganur**, NITK Surathkal | **Jhancy B**, NIT, Calicut | **Keerthipraba**, NITK Surathkal | **Megharaj S Naik**, NIT Surathkal | **Mohit**, NIT Jaipur | **Monalika**, NIT Delhi | **Navaneet Murali**, NIT Surathkal | **Neha Rangaswamy**, NIT Agartala | **Pradeep Kumar Koteru**, NIT Puducherry | **Radesh**, NIT Patna | **Saidarshan**, NIT Patna | **Salavath Rahul**, NIT Kurukshetra | **Satuluri Rahul Paul**, NIT Puducherry | **Satyanarayana**, NIT Puducherry | **Sujay S G**, NITK Surathkal | **Teja**, NIT Tiruchy | **Telu Keerthi Vardhan**, NIT Puducherry | **Adithi Shetty**, Fr. Muller Medical Education and Research Institute, Mangalore | **Arunima Thausen**, Jorhat Medical College | **Ashwini**, B.R. Ambedkar Medical College, Bangalore | **G Devaraj**, Gulbarga Institute of Medical Sciences | **Ganavi Bo**, Shimoga Institute of Medical Science | **Harshita**, Lady Hardinge Medical College | **Keerthana M N**, PMNM Dental college | **Kridika Langthasa**, Diphu Medical College | **Kshiteej Niak**, Goa College of Medical | **Mahesh P V**, Adi Chunchagiri College | **Mayur R**, KC Hegde Medical College | **Neha Bekal**, Saptagiri College Bangalore | **Nischaya**, Shaheed Hasan Khan Mewati Government Medical College | **Niyog Maruthi**, Chamarajanagar Institute of Medical Sciences (CIMS) | **Parashurama Mn**, Ballari Govt. Medical college | **Prajwal P**, Shimoga Institute of Medical Science | **Ritu**, ESIC Medical College & Hospital, Bihta, Patna, Bihar | **Sandhya**, Maulana Azad Medical College | **Sudeep U Chalageri**, Vijayanagar Institute of Medical Sciences | **Tanvi Devi**, IGMCI, Shimla | **Tushar**, GMC Vizianagaram Andhra Pradesh | **Yashika D S**, Hassan Govt. Science College, Hassan |





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