

**Department of Electronics and Telecommunication  
Government College of Engineering, Amravati**

(An Autonomous Institute of Government of Maharashtra)

**Maharashtra State, India.**

**2022-2023**



**‘Achievement Report of team Able/ Ksham Innovation’**

By

**Team Leader Pratik Raghuwanshi**

Guided by

**Asst. Prof. A.M Shah**

Head of ExTC Department  
**Dr. P. R. Deshmukh**

Dean of RnD  
**Dr. R. M. Metkar**

## 1. Top 50 startups by Samsung Solve for Tomorrow :

Team Able Innovation selected as India's top 50 startup out of 18,0000+ startups across India by Samsung in the Solve for tomorrow. For the next round we had to attend a bootcamp at FITT, IIT Delhi and pitch to qualify for top 10 startups as mentioned in below:

**SAMSUNG**

# Congratulations!

Your team has been selected in the Top 50

Dear Team Able Innovation,

Congratulations! Your team has been selected in the Top 50 of Samsung Solve for Tomorrow competition.

In this round, your team will be refining submitted ideas for solving problems and producing tangible innovations.

During this journey, we will equip your team with skills that go far beyond just technical skills. These will include critical thinking, creative thinking as well as communication and collaboration skills to help you be successful.

Please refer to the guideline below.

Schedule	(August 19, 2022 ~ September 17, 2022)
Timeline	
Contact	Samsung Solve for Tomorrow Office (solvefortomorrow@samsung.com)
*Further details on online design thinking classes will be shared by FITT, IIT Delhi.	

Let's make the world a better place!

Sincerely,  
Team Solve for Tomorrow India





Presentation with Hon Secretary, Higher and Technical Education,  
Government of Maharashtra

## 2. Top 10 finalist of Samsung Solve for Tomorrow :

After pitching under the IIT Delhi bootcamp got selected as the Top 10 finalist for Samsung Solve for tomorrow. As the finalist we got featured in different digital newspapers like Times of India as well as a half hour interview on CNN & CNBC network 18. We were unable to win the solve for tomorrow. But we received a Samsung Laptop & Galaxy product as a prize.

SAMSUNG

# Congratulations!

Your team has made it to the Top 10!

Dear Team Able Innovation,

Congratulations! Your team has made it to the Top 10. We were impressed with the work produced by your team and your idea pitch.

In the next round, each team will display their prototype and pitch their final solutions to a jury. The 3 winning teams will be announced after the final presentation and they will receive funding support of up to INR 1 crore and mentorship from FITT, IIT-Delhi to scale their idea.

Please refer to the next steps in your SFT journey:

Schedule	(September 19, 2022 – November 11, 2022)
Timeline	<p>(September 19) Announcement of Top 10 teams</p> <p>(September 26) Teams visit Samsung sites: Samsung R&amp;D Centre in Bangalore</p> <p>(September 27) Teams visit Samsung sites: Samsung Opera House in Bangalore</p> <p>(November 11) Grand Finale with Top 10 teams in New Delhi</p>
Awards	Samsung Products for each participant
Contact	Samsung Solve for Tomorrow Office ( <a href="mailto:solvefortomorrow@samsung.com">solvefortomorrow@samsung.com</a> )

Let's make the world a better place!

Sincerely,  
(Samsung India)



### 3. Featured on CNBC TV18 & CNN Network 18 :

As we were the top 10 finalists of the first season of Samsung Solve for tomorrow, our interview was featured on the CNBC TV18 & CNN Network 18 on 30th of October 2022 at 4:30pm. Also mentioned new articles of Times of India, Network 18 and other newspapers.



**SAMSUNG**

## Solve for Tomorrow

A CSR initiative by Samsung

The Future is here!

Watch Team Planeteers and Team Able Innovation lead with their exemplary ideas.



**Able Innovation**  
Pratik & Aryan  
Maharashtra

**Planeteers**  
Nikita, Ria & Akshita  
Uttar Pradesh

Together for Tomorrow!  
**Enabling People**

Media partner

**Network 18**



30th Oct 4 pm

**CNN NEWS 18**

30th Oct 4:30 pm

T&C Apply



CNN-News 18 youtube Interview link (@12:00 minutes) :

<https://youtu.be/LGaB08BNZ4Q?si=acml9hDiMw6zrai8>

#### 4. Top 80 startup for Google Developers Startup Bootcamp, University Edition :

We got selected as a Top 80 startup out of 1500+ applications from different universities for the Google Developers Startup Bootcamp, University Edition 2022. This gave us the opportunity to attend a three day long bootcamp at Google's Signature office in New Delhi from 5th to 7th of December 2022.

Google Developers

## Startup Bootcamp | University Edition

START. BUILD. GROW



## Congratulations!

Dear Pratik,

We are happy to let you know that your team, **Able Innovation** has been shortlisted for the [Google Developers Startup Bootcamp | University Edition 2022](#) for the **Mumbai location (21st to 23rd November 2022)**. You are just one step away from joining the first batch of Google Developers Startup Bootcamp | University Edition.

We have reviewed 1500+ applications and are impressed with your startup project. We hope to help you Start, Build and Grow your project with the best of Google. We will be taking care of your travel and accommodation. As the final step, please fill up this [acceptance form](#) latest by 12 PM (IST) on 14th Nov 2022 (Monday) to confirm your participation.



### 5. Winner of EO Mumbai chapter of GSEA :

In the month of January after the preliminary round of pitch got shortlisted for EO Mumbai Chapter. On 13th January 2023 at Four Seasons Hotel Mumbai we won the EO Mumbai Chapter of GSEA, Winning the first prize of INR 2,50,000.



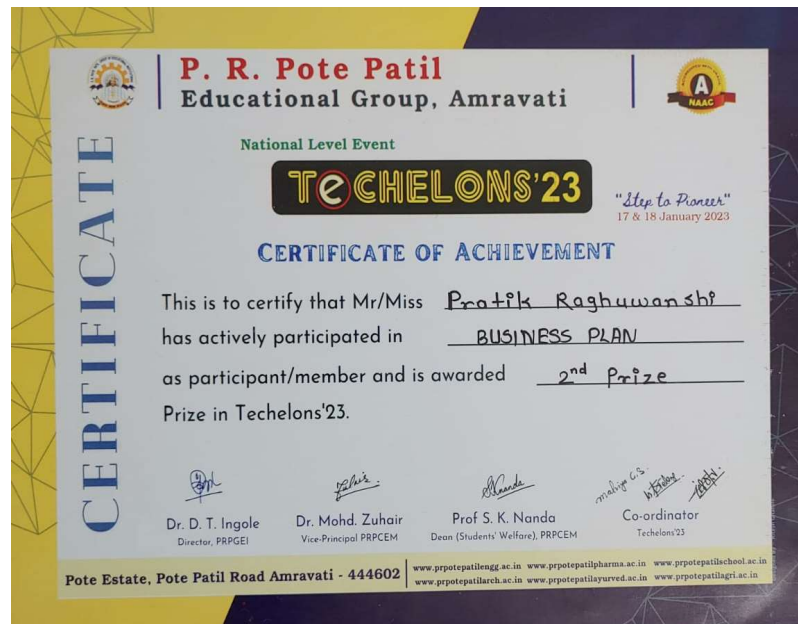
**6. Second runner up of Upstart Pioneer of Techkriti at IIT Kanpur :**

Team Able Innovation visited IIT Kanpur a week during Techkriti technical fest of IIT Kanpur. In the Upstart Pioneer of Techkriti 2023 we were the second runner of the startup pitching event.



**7. First Runner up of the Business Plan of P.R Pote Patil :**

Also first runner up of the Business Plan competition of the Techelons 2023 of P. R. Pote Patil Education Group Amravati.



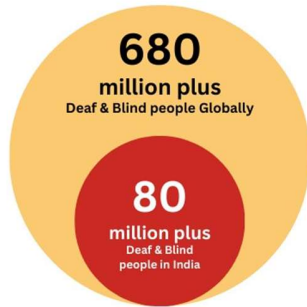
**8. Incorporated as Ksham Innovation Private Limited :**

On the 24th of March 2023 we officially incorporated our startup as Ksham Innovation Private Limited as recognized by the Government of India under Start-Up India program. Ksham is the Sanskrit synonym of Able.





9. Incubated at Atal Incubation Center - Rambhau Mhalgi Prabodhini (AIC-RMP), Mumbai under the Aarambh program.
10. Incubated at Startup Incubation and Innovation Centre (SIIC), IIT Kanpur for next 2 years.
11. INR 3.2 Lakhs of grant under CPS Prayas from IIT Mandi Catalyst.
12. INR 3.6 Lakhs of grant under Nidhi-EIR from JSS Business Accelerator, Nodia.
13. INR 10 Lakhs of grant under Startup India Seed Fund from (SISF) from Atal Incubation Center - India School of Business (AIC-ISB), Mohali.
14. Top 20 Assistive technology startup for the People choice award 2023 by ATF foundation.



For these **680 million+** biggest problem is the **Inaccessibility** to general sources of **Information, Education** and **Communication** as well as the **daily work** is still a Utopia.

- Almost **90%** of the population do not have access to **Quality Education**, Information as well as **Employment opportunities**.

## Our Vision

We envision to build the most accessible ecosystem of smart devices for the **680 million+** Deaf, Mute and Blind people across the globe.



### For Deaf

Enabling Deaf & Hard of hearing to Hear sound by using patented Dome Transducer

### For Mute

By interpreting Sign language and converting into audio Speech Able glasses speaks for Mute

### For Blind

With help audio description of surrounding environment glasses enables Blind to visualize their surrounding

## Our Supporters



## 15. Winner of Startup Conclave at VNIT Nagpur :

After the preliminary online pitch round Able Innovation got shortlisted as Top 10 startup to pitch in the Finals of Startup Conclave on 2nd April 2023 at VNIT, Nagpur. We became the only winner of the Shark Tank Conso of Startup Conclave of VNIT Nagpur and won the cash prize of INR 30,000.



## 16. Winner of DIPEX 2023 :



Got shortlist to present Able Glasses in DIPEX state level Exhibition and Competition of working Model for the Maharashtra & Goa region. Won the first prize in the Healthcare/ Medical Technology category of DIPEX 2023 held in Amravati on 9th April and won the cash prize of INR10,000.



17. Filed a Patent on the Able Glasses :



Filed a provisional patent on Able Glasses titled as "Non-Surgical Non-Adhesive Smart Hearing Aid Dome Bone Conduction Transducer on 16/09/2022 and also applied for the final patent in the September month of 2023.

Controller General of Patents, Designs & Trade Marks  
S.M.Road, Antop Hill, Mumbai-400037  
Tel No. (091)(022) 241377010, 24141026 Fax No. 022 24130387  
E-mail: mumbai-patent@nic.in  
Web Site: www.ipindia.gov.in



सत्यमेव जयते



INTELLECTUAL  
PROPERTY INDIA  
PATENTS | DESIGNS | TRADE MARKS  
GEOGRAPHICAL INDICATIONS

G.A.R.6  
[See Rule

22(1)]

RECEIPT

Date/Time 2022/09/16 17:28:00

Docket No 58391

SWAPNIL JAYANTRAO GAWANDE R-9, Harshnil,  
Eknath Puram, Nr. yogakshem Colony, Amravati,  
(M.S)-444607 Email: sjgawande@gmail.com

Sr. No.	Ret. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Form Name	Fee Payment	Remarks
1	E-12/2635/2022/MUM	202221051231	2500	24682	FORM 9	Full	
2	E-8(i)/634/2022/MUM	201721028579	800	24682	FORM 6	Full	
3	202221053068	TEMP/E-1/60894/2022-MUM	1600	24682	FORM 1	Full	NON-SURGICAL NON-ADHESIVE SMART HEARING AID USING BONE CONDUCTION TRANSDUCERS

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of AC No.
N-0001023824	Online Bank Transfer	1609220023974	4900.00	1475001020000001

Total Amount : ₹ 4900.00

Amount in Words: Rupees Four Thousand Nine Hundred Only

Received from SWAPNIL JAYANTRAO GAWANDE the sum of ₹ 4900.00 on account of Payment of fee for above mentioned Application/Forms.

\* This is a computer generated receipt, hence no signature required.

Print

18. Winner of Young India startup 2023 Challenge :

After the online pitch round Ksham Innovation got shortlisted as Top 8 startup to pitch offline in the Finals of Young India startup 2023 Challenge by CII and India Accelerator on 3rd Novmber at The Lalit Hotel in New Delhi. We secured the first prize in the competition winning a cash prize of INR 1,00,000.



**19. Winner of Meraki by FIIB :**

In online pitch round Ksham Innovation got shortlisted as Top 15 startup to pitch offline in the Finals of the Annual Business Plan Competition - Meraki 2023 organized by Center for Innovation Entrepreneurship & Technology at Fortune Institute of International Business (FIIB). We were the winners of Finals of Meraki 2023 held in the camps of Fortune Institute of International Business (FIIB) on 1st of December and got the cash prize of INR 1,50,000.



20. Winner of GSEA 2023 EO New Delhi Chapter :



After the online pitch round Ksham Innovation got shortlisted as Top 8 startup to pitch offline in the Finals EO New Delhi Chapter of Global Student Entrepreneurship Award (GSEA) on 1st December at The Oberoi Hotel in New Delhi. We secured the first prize in the competition winning a cash prize of INR 3,00,000.



- Upcoming Event Table :



<b>Sr. No</b>	<b>Event &amp; Competitions</b>	<b>Tentative Date</b>
1.	Boeing Build 3.0 organized by IIT Bombay	17-12-20223 to 22-12-2023
2.	Avishkar District level at P.R Pote College Amravati	23-12-2023
3.	National Entrepreneurship Conclave 2.0 by Lead University Palakkad, Kerala	26-01-2024 to 28-01-2024
4.	CiilA-3 : Creative Idea & Innovation in Action at Mumbai	31-01-2024 to 1-02-2024
5.	Global Student Entrepreneurship Award 2023 India Finals	Month of March

**Further Details will be Update on this Drive link :**

<https://docs.google.com/document/d/1U5hYW-J6-ezIbvWkYjcHaHE1yddXYiTWaA7aMl1WLS4/edit?usp=sharing>