SPECIAL REPORT: DPS – THE TORCHBEARER

When ingenuity meets institutional excellence, local brilliance ceases to be bound by geographic borders. Recognizing the caliber of student research and mentorship within **Delhi Public School**, Bowrampet - Miyapur, **OneGrasp** has forged a strategic alliance to project this homegrown intellect onto an international canvas. This collaborative milestone transforms classroom prototypes into competitive global portfolios—unlocking vital pathways to elite scholarships, international sponsorships, and lifelong professional settlement that empower emerging innovators to lead, earn, and enrich the global community.



The world does not have a shortage of talent. It has a shortage of pathways that allow talent to be seen. **OneGrasp** chose to build that pathway for DPS taking exceptional student and mentor innovation from a school stage to world of Universities, Researchers, International Industries, Sponsors and Global communities.

With the possibility of a scholarship, a sponsorship, a partnership, an international experience, a career, a community and ultimately, the ability to build a life that gives something back to the world.

REVOLUTIONIZING SCHOOL INNOVATION TO GLOBAL OPPORTUNITIES



Mr. Vikas Dhawan
Futurist & AI Practitioner
OneGrasp

Mrs. Sudha Suchitra
Co-Founder & CEO
OneGrasp

Mr. G Ramesh
Pro Vice Chairman
DPS Bowrampet - Miyapur

Ms Gowri Sarkar
Associate Director

Mrs. Raina Bhatt
Principal
DPS Miyapur

Mrs. Sharmila Ganapathi
Vice-Principal
DPS Miyapur

Every Global journey begins somewhere. For DPS young innovators, it begins here with OneGrasp, a Global Career Growth Ecosystem, who listened to the ideas, inventions and ambitions taking shape at DPS, it saw something larger than projects where talent is waiting for its world.

This is the journey from the school corridor to the global arena where a student's idea can become a portfolio that open a door to scholarships, sponsorships, partnerships, international experience and a future of meaningful contribution.



VIVIDHA 2026 ACADEMIC FAIR

DPS Bowrampet & OneGrasp Bridge High School Innovation with Global Research Infrastructure Where Student Ideas Take Their First Step Towards the World

REVOLUTIONIZING SCHOOL INNOVATION

From classroom projects to global possibilities:
DPS Bowrampet-Miyapur and OneGrasp come together to celebrate the creators of tomorrow.

DPS Bowrampet Hosts Landmark Academic Event on August 8, 2026, the campus of Delhi Public School, Bowrampet transformed into an epicenter of scientific inquiry, creative engineering, and high-impact problem-solving..

Vividha 2026, the annual academic fair, brought together hundreds of high school students who showcased projects addressing pressing global challenges, ranging from space technology and robotics to healthcare, agriculture, environmental sustainability, biotechnology and automotive safety, the fair demonstrated something remarkable.

The future is already being imagined inside our classrooms, but which student ideas have the potential to go beyond the classroom?

Every project represented hours of thought, research, experimentation and teamwork. Some addressed everyday problems. Others explored questions that may become increasingly important in the decades ahead. And this year, the objective was not simply to identify the project that looked the best. The objective was to ask a much bigger question: Which student ideas have the potential to go beyond the classroom?

That is where OneGrasp entered the journey. As a Global Career Growth Ecosystem, OneGrasp looks at an individual's journey beyond conventional academic achievement, right from understanding career fitment and developing capabilities to giving ideas, research and innovation with greater visibility.





Institutional Collaboration: DPS Bowrampet & OneGrasp



What set Vividha 2026 apart from traditional science fairs was its rigorous evaluation methodology and its direct pathway to global recognition. OneGrasp partnered with DPS Bowrampet to provide systematic evaluation, mentoring, and formal academic identification for student innovations.

The evaluation was conducted by **OneGrasp's International Scientific Committee**, comprising an elite multi-disciplinary panel:

- **Business & Economics Experts**: Assessing commercial viability, scalability, and market utility.
- **Healthcare & Medical Science Professionals**: Evaluating biological safety, diagnostic relevance, and public health impact.
- **Engineering & Technology Specialists**: Reviewing structural design, hardware stability, and software architecture.
- **IIM Alumni & Product Development Leaders**: Analyzing product-market fit, user experience, and practical execution.
- **IT Leaders & Executives of Industry Experience**: Ensuring alignable tech standards, data integrity, and system scalability.



















SPOTLIGHT ON TOP HIGH SCHOOL INNOVATIONS

Detailed Analysis of Selected Projects

Out of hundreds of entries evaluated across various disciplines, OneGrasp's Academic Scientific Committee identified key high-impact innovations that demonstrate exceptional scientific merit and engineering execution.

Top 5 Projects

SCV Aegis – Converting Space Debris into 3D-Printed Parts & Pellets

Primary Category: Space Technology
Related Categories: Sustainability, Circular Economy, Advanced Manufacturing, 3D Printing, Materials Science
Project Team: Dinesh , Swapnil, Vardhan , Eshwar & Tvisha





Mr. Kishore Kumar
Comp. Sci Teacher & Space Club Mentor

Purpose: Addresses the growing global crisis of orbiting space debris by researching methods to capture discarded materials in space and process them into reusable raw material pellets or feedstocks for 3D-printed hardware components.
Why It Stands Out: Combines space exploration with circular economy principles. It directly addresses orbital safety and establishes a practical foundation for in-space manufacturing.
Selection Reason: Selected as the top project for its outstanding **future relevance, originality**, and **visionary approach** to orbital sustainability. Its deeper message is powerful.

The future of space exploration may not only depend on what we send into space but also on what we learn to reuse there.

Dvirupa – Multi-Terrain Space Exploration Rover

Primary Category: 🚀 Robotics
Related Categories: Robotics, AI, Autonomous Systems, Mechanical Engineering, Exploration Technology
Project Team: Priyanshu Saini, Kesava Sai & Akindu Adel



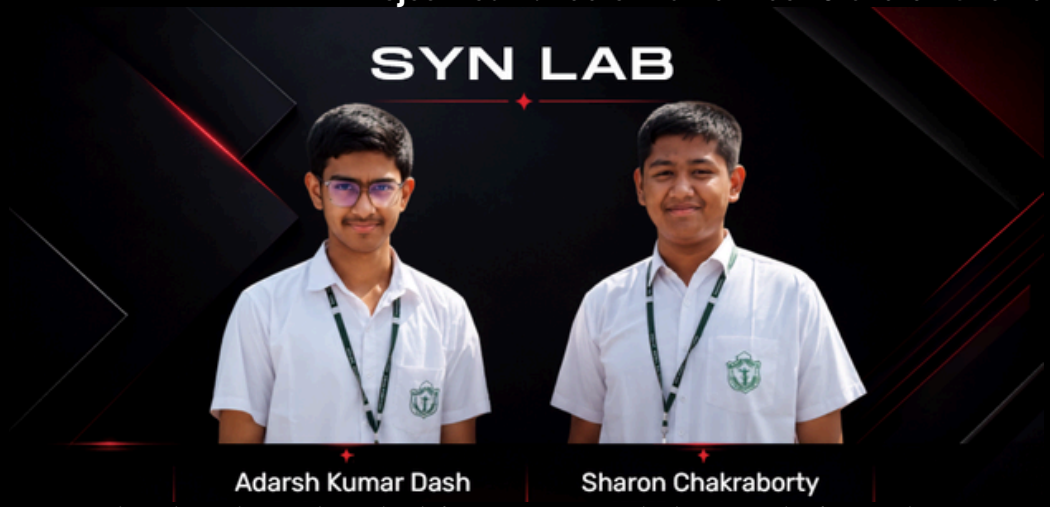


Mr. Kishore Kumar
Comp. Sci Teacher & Space Club Mentor

Purpose: Develops a robust, multi-terrain planetary rover designed to perform complex navigation, hazardous site exploration, environmental sensing, and telemetry collection in extreme off-world or harsh terrestrial conditions.
Why It Stands Out: Features an actual working engineering prototype integrating multi-sensor arrays, mechanical gearboxes, drive logic, and AI-driven navigation loops.
Selection Reason: Serves as a tangible demonstration of **Applied mechanical and Electronic Engineering**, moving far beyond theoretical concepts into practical hardware execution.
More importantly, it gives students an opportunity to learn the engineering cycle:
Build → Test → Fail → Improve → Build Again.

SynLab – Mobile Science & Pathology Laboratory

Primary Category: 🧪 Healthcare & Diagnostic Technology
Related Categories: Mobile Healthcare, Biotechnology, Medical Devices, Rural Innovation
Project Team: Adarsh Kumar Dash & Sharon Chakraborty





Ms. P. Swapna Reddy
STEM Mentor & Clubs Mentor

Purpose: Reimagines diagnostic testing infrastructure by designing a mobile, fully equipped laboratory unit aimed at providing essential medical diagnostics and scientific testing in remote or underserved rural communities.
Why It Stands Out: Solves critical healthcare accessibility bottlenecks through modular engineering and mobile logistics, creating a blueprint for decentralized community diagnostics.
Selection Reason: Highest social impact score among contenders, presenting a direct path toward a scalable social enterprise or rural healthcare initiative.
The project demonstrates that innovation is not always about going to space.
Sometimes innovation is about reaching someone who is miles away from the nearest laboratory.

Insect Capture – Autonomous Agritech Drone System

Primary Category: 🤖 Agritech, Robotics & Drones
Related Categories: Agricultural Technology, Pest Control, Environmental Technology, AI / Computer Vision
Project Team: Sai Anshuman Mohanty, Likhit Eswara Sai Pidugu, Aadit Tiwari, Arnav Anirudh Diwakar, Nallam Kali Sai Charan, Anvika Rai Srivastava





Ms. Srilatha Vangala
Science Teacher

Purpose: Re-engineer's conventional pest monitoring into an autonomous flight system equipped with computer vision and smart sensors to detect, catalog, and manage harmful crop insects.
Why It Stands Out: Combines aerial robotics, targeted pest management, and agricultural analytics to minimize chemical pesticide usage and optimize crop yields.
Selection Reason: Exceptional transformation from a simple capture concept into a highly scalable, marketable agritech drone platform.
It illustrates an important principle of entrepreneurship:
A good idea can change form as its potential becomes clearer.

Alga-Lung: SPIRULINA ALGAE BASED AIR PURIFIER

Primary Category: Environmental Technology
Related Categories: Biotechnology, Bioengineering, IoT, Air Pollution Control, Smart Environmental Monitoring, Green Technology
Project Team: Mohammad Zayan & Tejas Patruni





Ms. P. Swapna Reddy
STEM Mentor & Clubs Mentor

Purpose:Develops a low-cost Spirulina algae-based air purifier that helps improve air quality while monitoring harmful gases and PM2.5 levels.
Why It Stands Out: Combines living Spirulina algae for photosynthetic air purification with Arduino-based real-time air-quality monitoring, offering a potentially lower-cost alternative to conventional filter-based purifiers.
Selection Reason: Addresses urban air pollution through a practical biological purification + smart monitoring approach, with potential for future portable applications and broader uses of Spirulina such as biofuels and bioplastics.

GIVING AN IDEA A GLOBAL IDENTITY

When the exhibition ends, the journey should not.
Allocating World-Class Academic Identity to School Innovations
One of the most important aspects of this initiative is what happens **after VIVIDHA 2026.**

The standout feature of the **OneGrasp - DPS** Bowrampet-Miyapur partnership is the immediate transition of student projects from localized fair displays to globally indexed academic literature. The selected projects are intended to receive a Digital Object Identifier (DOI) through Crossref, subject to the applicable registration and metadata requirements. Crossref is a major global scholarly infrastructure organization that enables persistent identifiers and metadata connections for research and scholarly outputs. A DOI provides a persistent digital identity and makes an eligible work easier to identify, discover and cite over time.
Its value is different. **It gives a piece of scholarly work a persistent identity.**

Imagine a student completing a project at 15 or 16 years of age. Instead of that project disappearing after the annual academic fair, there can be a lasting scholarly record connected to the work and its contributors.
A future student can discover it. A researcher can reference it. An educator can build upon it. An organisation can learn about it. And the student can look back years later and say:

"This was where my journey began."









FROM RECOGNITION TO OPPORTUNITY

The Power of Crossref DOIs for High Schoolers

Global visibility can create possibilities like a scholarship, investment, employment or commercial partnership.

Selected top innovations at Vividha 2026 receive an official Digital Object Identifier (DOI) powered by Crossref. As the international registry for scholarly publications, Crossref provides persistent digital fingerprints that place these high school projects in the same global research index used by top universities, research institutes, industry professionals, mentors, innovation ecosystems, organizations and corporate R&D teams.

Depending on future development and independent agreements, such relationships could potentially lead to:

Research opportunities | Mentorship | Scholarships | Sponsorship | Academic collaborations | Product development | Entrepreneurship | Internships | Employment opportunities

For a student, the biggest value may not be an award. It may be the first person who notices the idea.

BENEFITS OF A GLOBAL CROSSREF DOI :

Permanent Academic Citation: The project becomes permanently discoverable and citable across global databases.

Corporate & Institutional Visibility: Global tech firms, MNCs, and research hubs monitor indexed repositories for early talent.

Academic & Scholarship Advantage: Validated research profiles strengthen international university applications and scholarship opportunities.

Commercialization & IP Rights: Formally indexed documentation supports future patenting, sponsorships, or royalty agreements.

DPS Bowrampet: Nurturing the Creators of Tomorrow

This initiative represents something larger than one academic fair. It represents a different philosophy of education. Through Vividha 2026, Delhi Public School, Bowrampet redefines modern secondary education. Rather than treating science as purely theoretical, the institution establishes an environment where students act as inventors, researchers, and future company founders. Parents enrolling their children at DPS Bowrampet see a clear pathway: education that extends beyond standard curricula into international research recognition, career security, and real-world execution capability.

An education system where students are not only taught to answer questions—but encouraged to ask better questions. Where a project is not merely submitted for marks, but developed as a possible solution. Where innovation is not reserved for laboratories and corporations. Where entrepreneurship can begin with a school student asking:

“Why can't we do this differently?”

DPS Bowrampet has created the environment. The students have brought the curiosity. Their projects have brought the ideas. And **OneGrasp's** role is to help build the **bridge between** those **ideas** and **wider academic** and **professional ecosystems.**

ONEGRASP's THE BIGGER VISION

Empowering Future Leaders

India has no shortage of young talent. What India needs is an ecosystem that helps that talent become **visible globally**, **connected and continuously developed**. **OneGrasp's larger vision** is to build a community of **7 crore Researchers** and **Innovators** and contribute to a stronger culture of Research, Innovation and Entrepreneurship in India. **OneGrasp** continues its mission to identify, benchmark, and elevate youth talent. By connecting high school innovators with executive leadership mentors, scientific committees, and global academic infrastructure, OneGrasp ensures that brilliant ideas are given the platform, visibility, and backing needed to shape the future globally.

Because innovation is not created overnight. It starts with a question.
Then an experiment.
Then a prototype.
Then a failure.
Then another attempt.
And sometimes, years later, that small experiment becomes something that changes lives.
That is why VIVIDHA matters.
It is not simply an academic fair.
It is a glimpse into what India could become when young minds are given the confidence, ecosystem and visibility to create.







