

A CSR Flagship Initiative by

IndusInd Bank

Knowledge Partner



Aspiration to Innovation

Rural Young Innovators Transforming Communities



Stories of Impact

Implementer



Implementer



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OUR COUNTRY OUR COMMITMENT



IndusInd Bank

Our commitment to sustainable and inclusive development is deeply rooted in our philosophy,

"Good Ecology is Good Economics."

We embody the spirit of goodness in every endeavour, with a clear focus on nation-building and uplifting the underserved, while creating value for stakeholders and fostering sustainable growth that benefits communities, the environment, and society at large.

Foreword

Nurturing the Innovators of Tomorrow



MR. RAJIV ANAND

Managing Director &
Chief Executive Officer

IndusInd Bank Ltd.

"At IndusInd Bank, we believe that innovation has the power to transform lives and create opportunities. Through our partnership with the Atal Innovation Mission, NITI Aayog, and with the support of our implementation partners, Learning Links Foundation and ENpower, we have worked to strengthen innovation ecosystems in Aspirational Districts by enabling young minds to explore, experiment and create."

The stories in this book are a reflection of what becomes possible when curiosity is nurtured, creativity is encouraged, and collaboration is driven by a shared purpose. They showcase the potential of young learners who are developing the confidence and skills to become the innovators and problem-solvers of tomorrow."

As we look to the future, we remain committed to creating opportunities that empower the next generation and contribute to building a more inclusive, innovative and future-ready India."

Message from Mission Director



DR. DEEPAK BAGLA

Atal Innovation Mission
(AIM), NITI Aayog,
Government of India

Every generation inherits a nation. The defining question is whether it leaves behind one that is stronger, more inclusive and better prepared for the future. The answer lies not only in the policies we frame or the institutions we build, but in the imagination we nurture in our young people. Every great innovation begins with a simple question, a bold idea and the confidence to transform possibility into reality. It is this spirit of curiosity and problem-solving that will define India's journey towards Viksit Bharat @2047.

Under the visionary leadership of Hon'ble Prime Minister Shri Narendra Modi ji, innovation has become a cornerstone of India's development journey. It is no longer viewed as the domain of a select few, but as a national capability that must be nurtured across every classroom, every community and every corner of the country. As India moves from being a nation of job seekers to one of job creators, and from consumers of technology to creators of globally relevant solutions, empowering our youth with the mindset, skills and opportunities to innovate has become a national imperative.

This belief lies at the very heart of the Atal Innovation Mission (AIM), NITI Aayog. Through the Atal Tinkering Labs initiative, AIM has worked to democratise innovation by creating ecosystems where every child—irrespective of geography, gender or socio-economic background, has the opportunity to explore, experiment and create. These laboratories are far more than makerspaces; they are spaces where curiosity is encouraged, resilience is cultivated, collaboration is celebrated and young minds are empowered to solve real-world challenges. Innovation, after all, is not the privilege of a few; it is the potential of every young Indian waiting to be discovered.

The IBL ATL Adoption Programme, supported by IndusInd Bank and implemented by the Learning Links Foundation, is a shining example of this vision in action. It demonstrates how meaningful partnerships between government, industry and civil society can strengthen India's innovation ecosystem and extend opportunities to learners who may otherwise remain beyond the reach of such interventions. Across Virudhunagar in Tamil Nadu, Baran in Rajasthan and Bahraich in Uttar Pradesh, the programme has transformed Atal Tinkering Labs into vibrant centres of experiential learning, enabling students to engage in design thinking, hands-on experimentation, prototyping and problem-solving while building the confidence to transform ideas into solutions.

Equally inspiring has been the programme's investment in educators. Teachers are the catalysts of an innovation culture, shaping not only what students learn, but how they think. By equipping them with the knowledge, tools and confidence to facilitate experiential learning, the programme has enabled classrooms to evolve into spaces where questioning is encouraged, creativity is celebrated and learning becomes a journey of discovery. Its commitment to inclusion—ensuring meaningful participation of girls and students from rural and aspirational districts—reinforces a simple yet powerful truth: talent is universal, and innovation flourishes when opportunity is made universal.

The stories captured in this coffee table book are not merely accounts of successful projects or innovative prototypes. They are stories of aspiration finding direction, curiosity becoming capability and ideas creating impact. They remind us that when young minds are trusted, mentored and empowered, they do more than build models—they build confidence, resilience and hope. These are the qualities that will shape the innovators, entrepreneurs and leaders of tomorrow's India.

I extend my sincere appreciation to IndusInd Bank, the Learning Links Foundation and every member of the Atal Innovation Mission for their shared commitment to advancing this important initiative. My heartfelt congratulations also go to the students, teachers, school leaders and communities whose dedication and belief have made these inspiring journeys possible.

As we collectively strive towards the vision of Viksit Bharat @2047, the true measure of our progress will not be the number of laboratories we establish, but the number of young minds we inspire to dream, innovate and lead. The journeys celebrated in these pages remind us that the innovators who will shape India's future are already among us. Our shared responsibility is to continue creating the opportunities, ecosystems and partnerships that enable every young Indian to realise their potential and contribute meaningfully to the nation's progress.

Partner's Speak

Believing in Every Child's Potential



DR. ANJLEE PRAKASH

Founder & Chairperson,
Learning Links
Foundation

"Every great idea begins with curiosity.

When children are encouraged to ask questions, explore possibilities, and learn by doing, they discover something even more valuable than knowledge - they discover confidence, purpose, and the belief that they can make a difference.

Through the IBL ATL Adoption Programme, implemented in partnership with IndusInd Bank and aligned with the vision of the Atal Innovation Mission, NITI Aayog, we have seen young minds transform everyday challenges into meaningful innovations. From improving public health and supporting farmers to protecting the environment and making communities more inclusive, these students have shown that innovation begins with empathy and grows through action.

Behind every innovation is a student who dared to think differently, a teacher who nurtured that spark, and a community that believed in the power of young minds.

I extend my heartfelt gratitude to IndusInd Bank, the Atal Innovation Mission, NITI Aayog, our school leaders, teachers, mentors, and the Learning Links Foundation team for making this journey possible. Most importantly, I congratulate our young innovators, whose ideas remind us that age is never a barrier to creating meaningful change."

Grassroots Innovation



SUSHIL MUNGEKAR

Founder & CEO,
ENpower

"When IndusInd Bank and ENpower came together under this initiative, we weren't just setting up labs. We were asking a deeper question: What does education look like when it takes a young person's community seriously? Across two districts, thousands of students answered that in their own way, with biopesticides and smart locks, solar devices and seed sowers. Ideas that didn't stay in notebooks but were bought by farmers, municipalities, and self-help groups in their own neighbourhoods.

I remember a Class 8 girl from Dharashiv who built a solar dryer to protect her family's grape harvest. Six months earlier, she had never seen a circuit board. When I asked about her invention, she didn't say "I made this." She said "I can now help my father and other villagers protect their crops." In that moment, she wasn't just a student or a tinkerer; she was a problem-solver. That is what this program is truly about.

None of this happened in isolation. The Atal Tinkering Labs gave students space to be wrong and try again. AIM gave the program its backbone. IndusInd Bank gave it belief and resources. WOTR and PRADAN brought ground-level trust no outsider can manufacture. District officers who showed up for budding innovators. India's next generation of innovators won't all come from its cities. Many are already here in tinkering labs, in aspirational districts, building something the world hasn't seen yet. Our Aspirational Innovators."

Program Overview

Holistic Rural Development Program: A CSR Initiative of IndusInd Bank.

Across India's Aspirational Districts, young minds hold immense potential. What often unlocks that potential is access to opportunities that encourage them to explore, experiment, and innovate. Guided by its commitment to nurturing future-ready learners, IndusInd Bank has been investing in innovation-led education that fosters critical thinking, creativity, problem-solving, and an entrepreneurial mindset.

To bring this vision to life, IndusInd Bank partnered with Learning Links Foundation (LLF) and ENpower to implement the ATL Adoption Programme across Aspirational Districts. The programme was delivered in collaboration with regional anchor partners—PRADAN (Tamil Nadu), WOTR (Rajasthan), and the Aga Khan Foundation (Uttar Pradesh)—whose strong community connect strengthened implementation and ensured innovation was rooted in local aspirations.

Built on the infrastructure of NITI Aayog's Atal Innovation Mission (AIM), the programme transformed Atal Tinkering Labs into vibrant hubs of experiential STEM learning. Through hands-on activities, design thinking, innovation challenges, mentorship, rapid prototyping, and maker-based learning, students identified local challenges and developed practical, technology-enabled solutions.

The programme has reached over 31,200 students across 78 government schools, strengthening STEM competencies while nurturing creativity, collaboration, resilience, communication, and entrepreneurial thinking. By empowering students to transform ideas into real-world solutions, the initiative has helped cultivate a generation of confident young innovators and changemakers.

This collaborative journey demonstrates the power of partnerships in reimagining education. By bringing together IndusInd Bank's vision, the implementation expertise of Learning Links Foundation and ENpower, the grassroots strength of regional partners, and the innovation ecosystem of NITI Aayog's Atal Innovation Mission, the programme has opened new pathways for thousands of students to shape a brighter future.

At the heart of this journey lies one simple yet powerful question: "What problem around you is worth solving?" Every idea explored, every prototype developed, and every solution tested reflects the spirit of innovation that is empowering young minds to build stronger communities and a better tomorrow.

A story in numbers

4 Years of Impact (2022-2026)



Indusind Bank's Flagship CSR Initiative

Designed to **uplift communities** across **5 Aspirational Districts**.



Aiming to positively impact **1.38 lakh** households.

31,200

Students Impacted

78

Schools

426

Ideas Submitted

46

Ideas Implemented

9

Ideas Sold

23

Units Sold

10

MVPs developed & implemented

13

Research Papers

14.61 Lakh

Lakhs Cash Prize Won

147

Awards received

₹18,250

Revenue generated - 23 units. Buyers include farmers, SHGs, temple trusts, and shop owners.



Agriculture and Livelihood Innovations and Social Impact Stories

#01

ASSURANCE

Building Confidence in Every Harvest



***"A smarter farm
begins with greater
assurance."***

To address everyday farming challenges, young innovators Mahesh Bairwa, Sumit Bairwa, Anish Bairwa, Aman Bairwa, and Sunil Airwal from Government Senior Secondary School, Dilod Hathi, developed *Tech Bijuka* - a solar-powered smart agricultural system.

The innovation protects crops from wild animals and sends SMS alerts when electricity is available for irrigation. At its heart is assurance - giving farmers greater confidence through timely alerts and dependable technology.



Dilod Hathi, Baran, Rajasthan by LLF

#02

REPURPOSING

Finding New Purpose in Agricultural Waste



"Waste is only waste until we discover its purpose."

Recognizing the untapped potential of agricultural waste, young innovators Praveen and Selva Sakthi from Sivakasi Hindu Nadar Victoria Higher Secondary School developed *Waste to Watts* - a hybrid renewable energy system that combines biomass and solar power.

The innovation converts agricultural waste into thermal energy while harnessing solar power to generate electricity. At its heart is repurposing - giving agricultural waste a second life as a source of clean, renewable energy.



ATL Marathon – Top 400; District Innovation Recognition; Avinya National Top 5



Sivakasi, Virudhunagar, Tamil Nadu by LLF

#03

EMPOWERMENT

Enabling Smarter Seed Sowing



*"Every step forward
should make farming
easier."*

Looking for a simpler way to sow seeds, young innovators Dishant and Vinit from PM Shri Kendriya Vidyalaya, Baran, developed *Seed Sowing Shoes* - a wearable innovation that automatically plants seeds while walking.

The innovation uses foot pressure to release seeds at regular intervals, reducing physical effort, improving sowing efficiency, and minimizing seed wastage. At its heart is empowerment - helping farmers work more comfortably, efficiently, and productively.



Bamboliya, Baran, Rajasthan by LLF

#04

RESILIENCE

Protecting Harvests, Preserving Livelihoods



"When every harvest is protected, every farmer has a better chance at a brighter tomorrow."

Witnessing farmers struggle with post-harvest losses, young innovators Siva N., Muthu Manikandan M., Bhagavathi Muthu, Duthiyath D., and Vinoth J. from Government Higher Secondary School, Sundarapandiam, created the *Sun-Fresh EcoSmart Compact Dryer*.

The innovation protects produce from weather, dust, and insects, reducing spoilage and improving food quality. At its heart is resilience - helping farmers reduce waste, preserve their harvests, and strengthen their livelihoods.



Sundarapandiam, Virudhunagar, Tamil Nadu by LLF

#05

CARE

Supporting Farmers Through More Comfortable And Efficient Harvesting



“The tool helps farmers spend less energy on strain and more on productivity.”

Focused on improving comfort during long hours of farm work, Class 9 students Snehil Raj and Jivitesh Kumar from Ramkrishna Children’s Academy developed the Smartfarm Foldable Suction Tool.

The flexible and adjustable tool reduced the need for constant bending and awkward postures, helping farmers work with greater ease during long hours in the field. By reducing physical strain and improving efficiency, the innovation supports healthier and more sustainable farming practices.



Begusarai, Bihar by ENpower

#06

EFFICIENCY

**Helping Farmers Reduce Manual Labour
And Save Time In Daily Operations**



“The cart reduces effort while helping farmers complete tasks faster and more efficiently.”

To simplify physically demanding farm work, Vaishnavi Balaji Kale and Sadhna Ram Dandgule from Zila Parishad High School, Omerga, developed a Multi-Functional Agricultural Cart.

The innovation simplified multiple farm activities, including transportation and grass cutting, helping farmers reduce physical effort and improve daily productivity. Powered through an electric motor and battery system, the cart offers a practical and accessible solution for small-scale farming communities.



Dharashiv, Maharashtra by ENpower

#07

ACCESSIBILITY

Making Modern Farming Technology More Accessible for Small Farmers



“Affordable technology can help farmers improve productivity without increasing financial burden.”

Aiming to make sowing more efficient and less labour-intensive, Prathamesh Sujit Mule, Prasad Mahadev Kulkarni, and Shivam Aabasaheb Rayban from Sri Sri Ravi Shankar Vidyamandir developed an Automatic Seed Sowing Machine.

The innovation helped ensure uniform seed distribution while reducing physical labour and saving time during sowing. By offering a more affordable alternative to expensive commercial equipment, the machine makes advanced agricultural support more accessible to small farmers.



Dharashiv, Maharashtra by ENpower

#08

PRESERVATION

**Helping Farmers Secure Livestock Feed
During Drought Conditions**



***“Better preservation
means greater security
for both farmers and
livestock.”***

Responding to the challenges of fodder storage during drought conditions, Mahesh Kadam and Sunil Chovan from Pratibha Niketan Vidyalya Murum developed a Silage Compressor Machine for long-term preservation.

The innovation helped reduce spoilage, prevent fungal growth, and preserve the nutritional value of fodder for extended periods. By improving storage practices, the machine supports livestock care and reduces losses for farming communities.



Dharashiv, Maharashtra by ENpower

#09

VALUE CREATION

Helping Farmers Reduce Crop Losses And Improve Produce Quality



“The dryer helps farmers preserve more value from every harvest.”

Seeking to reduce crop losses and improve produce quality, Vaibhav Gautam Tijar and Sanket Santosh Shinde from Gurude Dutta High School developed a Solar Dryer for Crops powered by solar panels and DC fans.

The controlled drying process protects grapes from dust, insects, and unpredictable weather, helping farmers reduce post-harvest losses and improve the quality of raisins produced. The system was successfully sold to a local Self-Help Group for implementation.



Dharashiv, Maharashtra by ENpower



Health, Hygiene & Safety and Social Impact Stories

#10

RELIABILITY

Reliable Cooling for Essential Supplies



"Preserving freshness, naturally."

Looking for a smarter way to keep essentials fresh, young innovators Selva Balaji I. and Shri Kabilesh Ram K. from Sivakasi Hindu Nadar Victoria Higher Secondary School developed *CoolKart* - a solar-powered portable cooling cart.

The innovation uses solar energy to keep food items and temperature-sensitive essentials cool without continuous electricity. At its heart is reliability - preserving freshness and supporting Anganwadi Centres, Primary Health Centres, and rural communities with dependable cooling.



Sivakasi, Virudhunagar, Tamil Nadu by LLF

#11

LIFELINE

Connecting Donors. Saving Lives.



"One donor. One connection. One life saved."

Recognizing the challenges of finding blood during emergencies, young innovators M. Krishna Prasath, M. Guru Vignesh, A. Muthu Kamalesh, M. Maheswari, and M. Rajalakshmi from BPV Sala Higher Secondary School, Palayampatti, developed the *Blood Donor Hub*.

The innovation connects voluntary blood donors with hospitals through a simple digital platform. At its heart is a lifeline - helping save lives by enabling faster access to blood during emergencies.



INSPIRE MANAK 2024–25 Awardee; ₹10,000 Grant & State-Level Selection



Palayampatti, Virudhunagar, Tamil Nadu by LLF

#12

RESPONSIBILITY

Promoting Safer Roads Through Early Fatigue Detection



“A timely alert can prevent accidents and save lives.”

Motivated by the need to improve road safety during long-distance travel, Nikhil Raj from Ramkrishna Children's Academy developed an Anti-Sleep Alarm for Drivers designed to detect early signs of drowsiness.

Using sensors and alert systems, the device helped warn drivers before they fall asleep, improving safety during long-distance and night travel. The low-cost solution encourages more responsible and secure driving practices.



Begusarai, Bihar by ENpower

#13

CLEANLINESS

**Improving Waste Management In Public
And Devotional Spaces**



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“Better waste management begins with solutions that are simple, practical, and accessible.”

To address growing waste management challenges in public and devotional spaces, Atharva Munde, Pawan Beshkrao, and Prasad Landge from Tuljabhavani Sainki School developed a Smart Manual Trash Compressor.

The portable manual device helped reduce overflowing waste and improve hygiene without requiring electricity. By offering a practical and affordable solution for public spaces, the innovation supports cleaner and more manageable environments.



Dharashiv, Maharashtra by ENpower



Inclusion & Education and Social Impact Stories

#14

EQUALITY

Ensuring Equal Participation Through
Smart Innovation



*"Equality begins when
every voice can vote
independently."*

Supporting equal participation in democracy, young innovators S. Rajeshwari, K. Kavinya, and S. Geethapriya from Devangar Girls Higher Secondary School, Aruppukottai, developed *Voice of Equality* - an audio-enabled voting assistant for visually challenged individuals.

The innovation uses voice guidance and sensor-based technology to enable secure, private, and independent voting. At its heart is equality - ensuring every citizen can participate in democracy with confidence.



ATL Marathon 2023 – Top 500 & ₹5,000 Dinamalar Innovation Award



Aruppukottai, Virudhunagar, Tamil Nadu by LLF

#15

INCLUSION

Making Public Transport Safer for Every Mother



"Every journey should be safe, comfortable, and inclusive."

To improve the safety and comfort of pregnant women using public transport, young innovators Sarathi, Sattanathan, and Ruhan Adithya from Government Higher Secondary School, Sundarapandiam, developed a *Smart Transportation Support System*.

The innovation alerts conductors to provide priority seating for registered pregnant women. At its heart is inclusion - making public transport safer, more comfortable, and more dignified for expectant mothers.



Won 2nd Place at BigBang 2025; Awarded ₹20,000

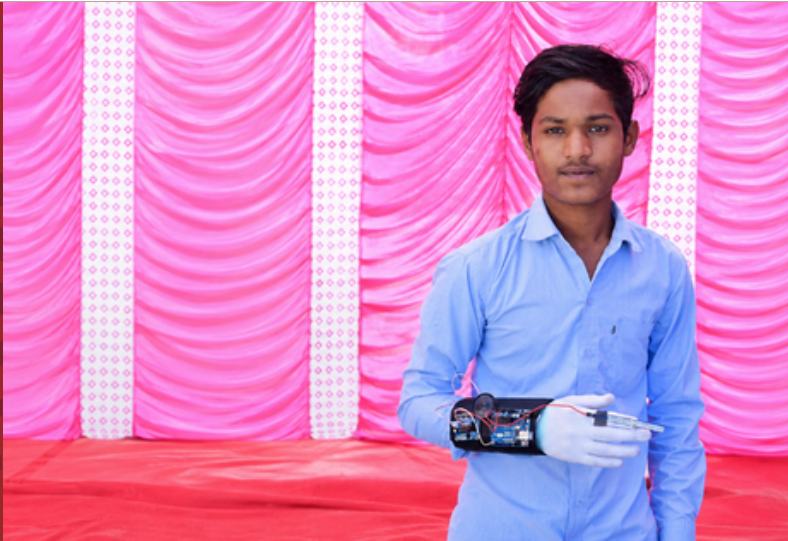


Sundarapandiam, Virudhunagar, Tamil Nadu by LLF

#16

DIGNITY

Restoring Independence Through Communication



"Dignity begins when every voice can be heard."

After witnessing the communication challenges faced by patients with limited mobility, young innovators Rohit Mahavar and Lav Jatav from PM Shri Government Senior Secondary School, Chhabra, developed the *Smart Hand Gadget* for Patients.

The innovation converts simple finger movements into voice messages, helping patients communicate independently. At its heart is dignity - restoring confidence, independence, and a voice to those who struggle to communicate.



District-Level Skill Exhibition & Competition – 1st Prize



Chhabra, Baran, Rajasthan by LLF

#17

INGENUITY

**Helping Rural Communities Feel Safer
About Everyday Travel**



“People no longer have to constantly worry about losing keys or vehicle theft.”

Concerned by the growing risks of two-wheeler theft and unauthorised access in rural communities, Class 9 students Anubhav Kumar and Adarsh Kumar from St. Jude's Vidyalaya developed Secura, an IoT-based bike safety system using fingerprint ignition technology instead of traditional keys.

The innovation helped make vehicle access safer, simpler, and more reliable for farmers, workers, and students who depend on two-wheelers every day. By removing the need for physical keys, the system has also improved users' confidence and peace of mind.



Begusarai, Bihar by ENpower

#18

SUSTAINABILITY

Making Everyday Travel More Affordable, Comfortable, And Eco-Friendly



“The E-Cycle shows how clean mobility can also be practical and affordable for everyday use.”

Driven by the need for more affordable and sustainable mobility, Class 9 students Ayush Kumar and Om Bhardwaj from Ramkrishna Children's Academy developed the E-Cycle - an electric-assisted bicycle designed for farmers, students, and rural workers.

The innovation helped reduce travel effort, lower transportation costs, and promote cleaner mobility for short- and medium-distance travel. By combining affordability with sustainability, the E-Cycle encourages more accessible and environmentally friendly commuting.



Begusarai, Bihar by ENpower



System Change and Social Impact Stories

#19

DISCOVERY

Reimagining the way history is explored and experienced



Dr. V. P. Jeyaseelan, IAS, appreciating the Young Innovator's Innovation



"History is best understood when it can be experienced."

Envisioning history for everyone, young innovators S. Rajeshwari, K. Kavinya, and S. Geethapriya from Devangar Girls Higher Secondary School, Aruppukottai, developed *Hands on History* - an interactive tactile and audio-enabled museum concept.

The innovation combines touch-sensitive artefacts with audio storytelling, enabling users to explore history independently. At its heart is discovery—bringing the past to life through touch, sound, and immersive learning.



Aruppukottai, Virudhunagar, Tamil Nadu by LLF

#20

INTEGRITY

Strengthening Trust in Every Vote



"Democracy grows stronger when every vote is secure."

To make voting more secure, transparent, and accessible, young innovator Haribala from Government Higher Secondary School, Sundarapandiam, developed *DemocraTech* - a smart biometric voting system.

The innovation uses fingerprint and facial recognition to verify voters, prevent impersonation, and strengthen election transparency. At its heart is integrity - protecting every vote while building trust in the democratic process.



INSPIRE MANAK 2024–25 Awardee; ₹10,000 Grant & State-Level Selection

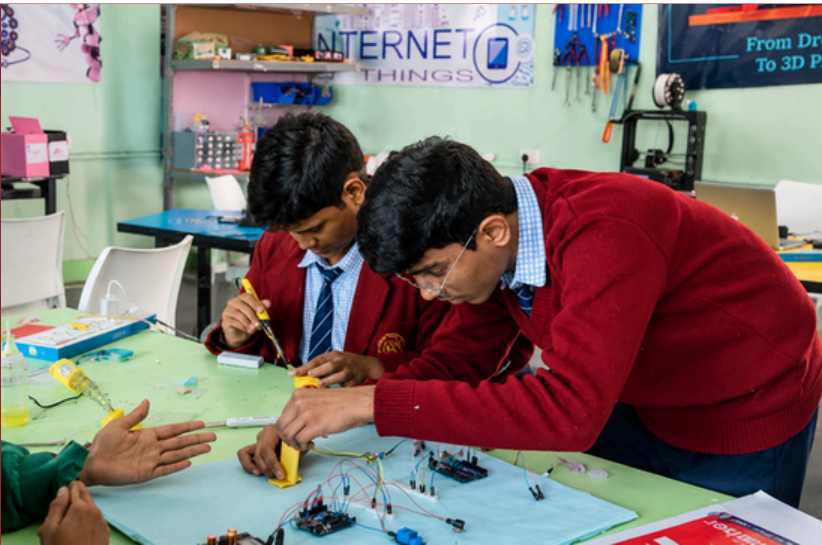


Sundarapandiam, Virudhunagar, Tamil Nadu by LLF

#21

PREVENTION

Protecting Lives Before Danger Strikes



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"Safety begins with timely action."

Reimagining safety through intelligent automation, young innovators Akshit Meena and Abhisek Nagar from PM Shri Jawahar Navodaya Vidyalaya, Atru, developed *Alert Guard* - a smart automated safety system.

The innovation detects gas leaks and fire hazards, triggering immediate preventive actions and real-time alerts. At its heart is prevention - helping protect lives, reduce accidents, and create safer communities through smart automation.



Atru, Baran, Rajasthan by LLF

#22

SECURITY

Creating Safer And More Reliable Access Systems For Everyday Spaces



“Biometric access makes security more dependable and easier to manage.”

Focused on creating safer and more dependable access systems, Dhru Sudhakar Shinde and Tanmay Shinde from Dharangrast Vidyalaya Lohata developed a Secure Smart Door Lock using biometric fingerprint authentication.

The innovation removes the need for physical keys while improving safety and convenience for institutions and public spaces. Moving beyond the prototype stage, the system has already been adopted by a local shop owner.



Dharashiv, Maharashtra by ENpower



Environment Sustainability and Social Impact Stories

#23

REGENERATION

Giving Food Waste a New Purpose



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"Food waste shouldn't pollute our environment - it should power a sustainable future."

Observing the growing food waste from school Mid-Day Meal programmes, young innovators Pradeepa V., Dhanuja G., Sandhiya G., Kaviya Bruntha, and Varna from Government Girls Higher Secondary School, Chatrapatti, developed *Eco-Cycle* - a smart system that transforms food waste into valuable resources.

The innovation transforms food waste into biogas and organic fertilizer using solar-powered, IoT-enabled technology. At its heart, *Eco-Cycle* is about regeneration - giving food waste a second life by transforming it into clean energy and valuable resources.



Chatrapatti, Virudhunagar, Tamil Nadu by LLF

#24

VIGILANCE

Staying Alert. Saving Lives.



"Every second of vigilance can prevent a lifetime of loss."

To improve fire safety in fireworks manufacturing, young innovators Suriya V. and Kuthalinga Madesh from Sri Ramana Vidyalaya Montessori Matriculation Higher Secondary School, Rajapalayam, developed the *Pyrotechnics Explosion Prevention System*.

The innovation uses flame sensors, automated alerts, and a CO₂ extinguishing system to detect hazards and respond instantly. At its heart is vigilance - continuously monitoring risks to protect lives and create safer workplaces through smart automation.



Innova TN 2.0 – 1st Prize, Safety Domain; ₹5,000 Award



Rajapalayam, Virudhunagar, Tamil Nadu by LLF

#25

PRODUCTIVITY

Making Green Maintenance More Productive



***"Productivity grows
when innovation works
smarter, not harder."***

Turning a routine maintenance task into a smarter, sustainable solution, young innovators Ezion Paul Nickson P. and S.R. Sivaraj from Government Higher Secondary School, Chokkanathanputhur, developed a *Solar Powered Grass Cutting Machine*

The innovation uses solar energy to cut grass quickly and reliably without fuel. At its heart is productivity - simplifying maintenance while saving time and resources.



Chokkanathanputhur, Virudhunagar, Tamil Nadu by LLF

#26

RESOURCEFULNESS

Turning Electronic Waste Into A Platform For Learning, Gaming, And Innovation



“What was once discarded as waste has now become a space for connection, creativity, and learning.”

Inspired to find a meaningful use for discarded electronics, Ayushmaan Narayan from Ramkrishna Children's Academy transformed old laptop components into a fully functional live gaming server.

The innovation demonstrated how unused technology could be repurposed. can be repurposed into something valuable and engaging. Supporting multiplayer gaming and local tournaments, the eco-friendly server gives old electronics a second life while encouraging sustainable thinking among young learners.



Begusarai, Bihar by ENpower

#27

PROTECTION

Helping Farmers Protect Crops Through Sustainable Alternatives



“The solution protects crops while reducing the need for harmful chemical sprays.”

Determined to help farmers protect their crops sustainably, Aditi Patil, Anandi Surwase, and Samruddhi Mali from Bharat Vidyalay Omerga developed an eco-friendly deterrent system powered by solar and mechanical technology.

The innovation helped farmers reduce crop losses while minimising dependence on chemical pesticides. By protecting crops more safely and sustainably, the system supports both environmental health and agricultural productivity.



Dharashiv, Maharashtra by ENpower

#28

STEWARDSHIP

Encouraging Safer Farming Practices Through Natural Alternatives



“Natural alternatives can protect both crops and the health of farming communities.”

Committed to promoting safer farming practices, Kulsum Ustad from Zila Parishad High School developed a natural biopesticide made from plant-based and microbial extracts.

The innovation encouraged safer farming practices by reducing dependency on harmful chemicals.

Field trials showed successful pest and fungus reduction, and 15 units were sold to local farmers, supporting wider adoption of eco-friendly solutions.



Dharashiv, Maharashtra by ENpower

Voices from Ecosystem: Stories of Transformation



MVP Tech Bijuka has proven to be an innovative and practical solution for crop protection. Its simplicity, effectiveness, and positive response from farmers reflect its real-world impact. We appreciate Learning Links Foundation, WOTR, IndusInd Bank, and Innovation Coach Deepak Gaur for making this initiative a success and look forward to more such impactful innovations.

— **Government Senior Secondary School
Dilod Hathi, Rajasthan**



Blood Donor Hub showcases the creativity and compassion of our students. By addressing a critical healthcare need through a simple digital platform, they have demonstrated how innovation can make a real difference in people's lives. We commend their dedication to building solutions that benefit society.

— **Principal, BPV Sala Higher Secondary
School**



IndusInd Bank's Flagship CSR Holistic Development Initiative positively impacted the educational ecosystem in the aspirational district of Dharashiv. Through the programme, students applied their creativity, technological knowledge, and entrepreneurial mindsets to develop innovative solutions to real-world social challenges. Organisations such as WOTR and ENpower played a vital role in the success of this initiative and in fostering a culture of innovation among young learners.

— **Arekhali Kazi**
Science Department Head, Zilla Parishad, Dharashiv



Before this program, we were focused primarily on the academic performance of our students. IndusInd Bank's Flagship CSR Holistic Development Initiative successfully brought together organisations like WOTR and ENpower to build a culture of innovation in our school and helped us utilise the full potential of our ATL.

— **Sadhana Bhosale**
Sri Sri Ravishankar Vidyalaya, Dharashiv

Featured Moments: Stories Of Innovation Making Headlines



Blood Donor Hub featured in Dinamalar Newspaper, highlighting its commitment to strengthening voluntary blood donation and saving lives.



Innovation from Devangar Girls Higher Secondary School, an IBL ATL school, was featured by AIM's Knowledge Hub Series, with Medical Express earning national recognition.



Featured on Sun News: Devnagar School's Keezhadi-inspired project makes archaeology accessible through touch and audio for visually impaired visitors.

Tech Bhujika's impactful innovation has been featured in the media, showcasing the power of student-led innovation.

लोहटा शाळेतील धुवचा स्मार्ट डोअर लॉक एनपॉवर च्या मार्गदर्शनाखाली तंत्रज्ञानात नवीन क्रांती

प्रतिनिधी :- दोसरी

लोहटा येथील अमिताभ निर्मिती प्रत्यक्षात विद्यालय, लोहटा पुर्ण (व. कऱ्हा) येथील ज्योती इंग्लिश विद्यालयाचा धुव तुरुकर दिवे या विद्यार्थ्याने अत्यंत उपयुक्त असलेला "स्मिजुअर स्मार्ट डोअर लॉक" सादर केला आहे. या लॉकची खालीलप्रमाणे वे वेगवेगळ्या प्रकारे तसेच वापरासाठी सुविधा (वॉटरप्रूफ) आहे. ज्योती भारतीय विद्यालयातून ज्योती तंत्रज्ञानावर आधारित निर्मिती होणे ही निर्दिष्टावली गोष्टीकामचद वार आहे.

या उपक्रमासाठी पुढील शाळेचे मुख्याध्यापक साहेबराव बापूराव, विद्यालय शाळाचे खासगी, तसेच लोहटा येथील विद्यालय व्यवस्थापक समितीवर नमस्ते, सल्लागार असलेला विद्यार्थी आणि लॉक ट्रेनर असलेला ए. एक यांचे योद्धाचे मार्गदर्शन लाभले.

लोहटा येथील आता झालेले ज्योती भारतीय तंत्रज्ञानाची ज्ञान वाढीस लागून, नवा विद्यालय व्यवस्थापक समितीत लॉक झालेले ज्योती भारतीय विद्यालय आहे.



त्रिशक्ती

एटीएल लॅब प्रशिक्षण कार्यशाळा - शिक्षकांसाठी नवनिर्मितीशील अनुभव

● दैनिक त्रिशक्ती
धारविब - डिप्टी

एनॉक १२ नोव्हेंबर २०२५:
विद्यालय व प्रशिक्षण शाळा
(ज्योती), धारविब येथे उमराव,
कऱ्हा, धारविब, पूर, वरुडा
आणि तुळजापूर तालुक्यातील
विशेष शाळांसाठी शिक्षकांसाठी
एटीएल (अटल टिक्कीन लॅब)
प्रशिक्षण कार्यशाळा आयोजित
केल्यात आहे.

हे प्रशिक्षण एनपॉवर
संस्थेकडून आयोजित केले गेले
होते. प्रशिक्षणदरम्यान शिक्षकांना
विद्यार्थ्यांच्या नवनिर्मितीशील
विचार, लॉक केल्याचे आणि



प्रयोगात्मक शिक्षण केली गेल्यात
वेळीत यशस्वीत तंत्रज्ञान मार्गदर्शन
केल्यात आहे.

कार्यक्रमात एनपॉवरचे विद्यार्थी
व्यवस्थापक श्री. झालेवर नमस्ते
सर, सल्लागार असलेला विद्यार्थी

सर, सल्लागार असलेला विद्यार्थी सर,
तातुडीन सर, अतलम सर,
राहेल सर आणि अनुष्ठा मेडम
उपस्थित होते.

तंत्रिका तातुडी श्री. ओम
काय सर यांनी प्रशिक्षण देऊन



आणि शिक्षकांना मार्गदर्शन केले,
ज्यामुळे उपस्थित शिक्षकांना
नवनिर्मितीशील आधारित उपक्रम
संयोजकासाठी अधिक स्पष्टता
आणि प्रेरणा मिळाली.

कार्यक्रमाचे यशस्वीरूप अत्यंत

उत्तम आणि प्रेरणादायी होते.
शिक्षकांनी या प्रशिक्षणातून नवीन
कल्पना आत्मसात केल्या आणि
अपल्या शाळांमध्ये विद्यार्थ्यांसाठी
नवनिर्मितीशील आधारित उपक्रम
संयोजकाचा निर्धार केला.

November 13, 2025 | Page no: 4 | Main Edition
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