

OCTOBER 2026

TECH CHRONICLES

School Of
Technology





Vice President's Note

"Leadership is not simply about reaching the destination; it is about inspiring others to move forward with you. In a world driven by technology and constant change, great leaders turn ideas into action, challenges into opportunities, and innovation into lasting impact."

Vice Chancellor's Note

"Education is not merely about acquiring knowledge; it is about empowering individuals to think beyond boundaries, embrace challenges, and create meaningful change. In an era shaped by innovation and transformation, our responsibility is to nurture young minds who are not only prepared for the future but are also capable of shaping it with purpose, excellence, and vision."



SOT Vice Dean's Note

"Technology has the power to transform possibilities into realities, but true innovation begins with curiosity, creativity, and the courage to explore the unknown. As we prepare the next generation of technology leaders, we must encourage them to learn continuously, innovate responsibly, and use their knowledge to create solutions that make a meaningful impact on society."



ModMed Recruitment Drive and Faculty-Led Training



The ModMed drive shows how the School's faculty and students are working together on placements. Company-specific training prepared the students for the selection process, and nine of them have now cleared the first round. The School congratulates them and wishes them success in the remaining stages of the drive.

The School of Technology's placement drive with ModMed began on 9 September 2026, preceded by company-specific training delivered by SoT faculty members to the students. A ModMed-based exam was held on 10 September, and nine students cleared the first round: Indukuri Chaitanya Varma, G Kartheek Reddy, Thutupalli Adharvan Sree Raagav, R. Likhith Avinash, Vara Prasad Varma Avalakunt, R. Mallikarjun Reddy, Abhishek Reddy Kotha, Ch Pushpak Hanish and Sathvik Gannoji.



Two Papers on Quantum-Dot Nanolasers Published in Nano Trends and Plasmonics

Dr. Ram Soorat has published two research papers on nanolasers. "Design and numerical analysis of hybrid plasmonic-photonic crystal quantum-dot nanolasers with enhanced spontaneous emission" appeared in Nano Trends (Elsevier), a Scopus-indexed Q1 (SJR) journal with a reported impact factor of 9.02. Dr. Soorat is the corresponding author, and Dr. Ravinder Tadi from the School of Technology is the second author.

Dr. Ram Soorat's second paper, "Numerical Design of Gold Nanostar Plasmonic Nanolasers Coupled to Quantum Dots for Low-Threshold Lasing," was published in Plasmonics (Springer Nature), a SCIE- and Scopus-indexed journal with a 2025 impact factor of 5.6.



Both papers deal with the numerical design of quantum-dot nanolasers, a field where designs are tested in simulation before anything is built. Publication in journals of this standing speaks well of the quality of the work and adds to the University's research visibility in nanophotonics. The School congratulates Dr. Soorat and Dr. Tadi on these achievements.



Article on Katherine Dunn's Geek Love Published in a Q1 Journal

Dr. P. B. Sharon's research article

"Borrowed Benevolence: Arturism and the Rhetoric of Care in Katherine Dunn's *Geek Love*" has been published in *ANQ: A Quarterly Journal of Short Articles, Notes, and Reviews* (Taylor & Francis). The article looks at Arturism and the rhetoric of care in Dunn's novel, a work known for its unsettling treatment of family and power.

Publication in *ANQ*, a journal devoted to concise, focused scholarship, is a mark of the strength of the argument, and it shows that literary research has a place in a University known for technology and management. The School congratulates Dr. Sharon on this publication and hopes it encourages colleagues across disciplines to pursue similar work.



More Placements and Training Programmes

Ten more students from the School of Technology have been placed at HighRadius at a package of 10 LPA, adding to the School's placement record this season. Three final-year students have also been placed at Techstar. Placements across different companies show that employers are recognising the skills SoT students bring from the classroom and the campus.



Alongside placements, students are building their skills through the Veltris AI Academy training programme, which has now entered its second week. Industry-linked training of this kind helps students get ready for the demands of AI-driven roles, so that they can step into the workplace with relevant skills and confidence. The School congratulates the placed students and wishes the participants every success in the programme.

Internships and PPOs, Close to Home and Abroad

SoT students are securing internships with companies in India and abroad, several of them with pre-placement offers (PPOs). Final-year student Diganta Das received an internship with a PPO at Beff, Tokyo (Japan), and Sahana Karpoor received an internship with a PPO at KoderSpark. Another final-year student, namely Pabbisetty Manideep, has earned an internship-cum-PPO at Lagran Software Solutions. A PPO turns an internship into a clear route to a full-time role, so these offers are a valuable first step into a career.



The reach also extends to Africa, where Andela Tanvi has joined Dott Services Limited, Uganda, as a software development intern, gaining experience in a new work environment and culture. Closer to home, third-year student Trinath Maragani has secured an internship at Wipro, showing that opportunities are coming to students earlier in their academic journey. The School congratulates all these students and wishes them well in their roles.

IBM Hackathon Success



Third- and final-year students from the School of Technology made a strong showing at the IBM Hackathon, with teams recognised in both the National and South Zone categories.

In the National Top 10 category, the students were Mani Sankar Reddy, Priyanshi Sahu, Saad Muhammad and L. Mithra Kumar. In the South Zone category, the recognised students were Sarva Advaith Narayana, Tanish Bachuwar, Karthikeya Challa and Chaganti Phalguna.

Recognition at both the regional and national levels reflects the students' problem-solving, teamwork and technical ability against strong competition from across the country.

It also says something about the support they received along the way. The School congratulates the students and thanks the faculty members whose guidance helped them throughout.

Third-Year Student Selected for Internship at Wipro

Thrinath Maragani, a third-year student of the School of Technology, has been selected for an internship at Wipro Limited. He received his Letter of Engagement as an Intern on 15 September 2026. The internship will run from 21 September to 21 November 2026, during which Wipro will evaluate his performance.

Securing an internship at a leading global technology company while still in the third year gives Thrinath early industry experience that will complement his studies. The School congratulates him on this achievement and wishes him a rewarding internship.



September 15, 2026
Dear Thrinath Maragani,

Sub: Letter of Engagement as Intern

We are pleased to inform you that you have been selected for undergoing Internship in our organization Wipro Limited (Wipro) as Intern under the following terms and conditions:

1. Nature of Engagement

You will be engaged as an Intern at Wipro.

2. Duration of Internship

The duration of Internship will be from September 21, 2026 to November 21, 2026. During this period, Wipro shall evaluate your performance. Unless Wipro extends the period of internship, in writing, solely at its discretion, your internship shall automatically stand terminated at the expiry of the internship period.

3. Verification Report

Your engagement with Wipro will be subject to receipt of satisfactory report with regard to verification of the particulars furnished by you in your application and information given at the time of interview. If any declaration or information furnished to Wipro proves to be false or if you have wilfully suppressed any material information, in such case, you will be liable to removal from training without any notice.

4. Obligations and Responsibilities

a. During your internship period, Wipro expects you to undergo training in any department / section in which you are placed with high standard of initiative and efficiency. You shall devote yourself exclusively for undergoing training. You shall not take up any other work for remuneration (part time or otherwise) or work on advisory capacity or be interviewed directly or indirectly in any other trade or business (except as shareholder or debenture holder) during the training period without obtaining permission in writing from the appointing authority at Wipro. You will be governed by the service rules / standing orders, policies and regulations as may be promulgated by Wipro from time to time in relation to conduct, discipline and other matters. You will not seek membership of any local or public

SoT Student at Gastech, Bangkok

Sam Kamalesan, a student of the School of Technology, took part in the Gastech conference held in Bangkok from 14 to 17 September 2026. Gastech is a major international event for the gas, LNG and energy industry, so attending it gave him exposure to a global industry setting and the chance to see how the sector works beyond the classroom.

Experiences like this help students link their technical learning to real industry needs and build professional networks early in their careers. The School congratulates Sam on taking part in this international event and hopes more students will find similar opportunities.



Industry Connect: EV Partnership and Campus Drive



Ramakrishna Charyulu, CMO of Vercas EV Solutions, visited the campus, where he saw the School's autonomous, low-cost, vision-based shuttle system. He expressed interest in investing in the School's work and providing an electric buggy for its further development. A factory visit is planned as the next step towards an eventual partnership.

Industry interest is growing on the placement side too. Following discussions on 17 September 2026 between the Vice Dean, Dr. Kiran Mayee Adavala, the HODs and Avira Digitals, the company is ready to hold an on-campus recruitment drive next month. Together, the two developments point to new opportunities for the School's projects and students.



Paper on Microgrid Energy Management Accepted in Engineering Research Express

Dr. Nagaraju Dharavat's research article "Energy Management in a Microgrid with Integration of Distributed Energy Resources" has been accepted for publication in Engineering Research Express, a Scopus-indexed journal with an impact factor of 1.8. The paper addresses how energy can be managed in a microgrid that draws on distributed energy resources.

Managing distributed energy sources is a pressing subject as power systems move towards cleaner and more decentralised generation, and the paper contributes to that conversation. Acceptance after the review process reflects the rigour of the work. The School congratulates Dr. Dharavat and looks forward to the paper's publication.



Your manuscript ERX-116730.R3
has been accepted for
publication [Index](#)

 Engineering Research Ex...
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Dear Dr Dharavat,

Re: "Energy Management in a Microgrid with
Integration of Distributed Energy Resources"

Manuscript reference: ERX-116730.R3

We are pleased to tell you that we are accepting
your Paper. We now have everything we need to
publish it in Engineering Research Express.

You can find more information about your
accepted manuscript on our [Publishing Support](#)
website.

You will receive a confirmation email which will
include the [Digital Object Identifier](#). This should
be used for citing your work.

DATA AVAILABILITY
The proof of your article will contain an
[automatically generated data availability](#)

Conference Paper on PID Control of a Self-Balancing Robot Now Online

Dr. Bhargav Prajwal Pathri of the School of Technology, Woxsen University, has published the Scopus-indexed conference paper "Experimental Design and Performance Analysis of a Self-Balancing Robot Using PID Control" with School of Technology students Sravan Sripadi, Sanka Sai Darahas, Boggula Lohith, Boggula Lokesh and Pabbisetty Manideep. The paper is now online in the proceedings of the International Conference on Mechanics, Materials and Mechatronics (ICM³ 2026), published by Atlantis Press in the series Atlantis Highlights in Engineering.



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Series: Atlantis Highlights in Engineering

Proceedings of the International Conference on Mechanics, Materials and Mechatronics (ICM³ 2026)

International Conference on Mechanics, Materials and Mechatronics (ICM³ 2026)

Hyderabad, India 23-25 March 2026

PREVIOUS ARTICLE IN VOLUME

NEXT ARTICLE IN VOLUME

Experimental Design and Performance Analysis of a Self-Balancing Robot Using PID Control

Authors

Bhargav Prajwal Pathri^{1,*}, Krishna Vamshi Ganduri², Sravan Sripadi³, Sanka Sai Darahas¹, Boggula Lohith¹, Boggula Lokesh¹, Sheik Shoaib Akhtar², Pabbisetty Manideep¹

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Corresponding Author

Bhargav Prajwal Pathri

Taking part in a published study of this kind gives students first-hand experience of the research process, from experimentation to publication in a Scopus-indexed proceedings series. The School congratulates Dr. Pathri and the student co-authors on the publication.

Paper on Blockchain-Oriented Symbiotic Communications Accepted in J-WCN

Dr. Roopa Vuppula's research article "Blockchain-oriented Symbiotic Communications for Secure and Green Next-Gen Wireless Networks" has been accepted for publication in the Journal on Wireless Communications and Networking (J-WCN). Sharing the news with colleagues, she described the acceptance as another significant milestone in her research journey.



Dr. Vuppula expressed her gratitude to her co-authors, mentors and everyone who supported her throughout the work, recognising the collaboration and encouragement behind the paper. The School congratulates her on this achievement and wishes her continued success in her research.



Akkala Harshitha Reaches Finals of ET AI Hackathon 2.0

Akkala Harshitha, a second-year B.Tech CSE student, secured a place among the finalists of ET AI Hackathon 2.0, organised by The Economic Times. She received a Certificate of Achievement for the feat. Reaching the finals of a national-level AI hackathon so early in her degree is a notable accomplishment.



It reflects her enthusiasm for applying artificial intelligence to real problems and her willingness to compete beyond the classroom. The School congratulates Harshitha and hopes her example encourages more students to take part in such platforms.

Advaith Narayana Sarva Is Part of Winning Team at IBM National Hackathon 2026

Advaith Narayana Sarva, a fourth-year B.Tech AIML student, received a certificate of excellence as part of the Top Winning Team of National Hackathon 2026, organised by IBM Technology Experts Labs on 13 September 2026. The certificate recognises the team's standing in the national competition.



An achievement of this kind at the national level reflects strong technical ability and teamwork, and it adds to the School's growing record of success in competitive hackathons. The School congratulates Advaith and thanks the faculty members whose guidance supported him and his team.

Dhana Lakshmi Completes Google Cloud Gen AI Academy



Dhana Lakshmi, a fourth-year B.Tech AIML student, completed the Google Cloud Gen AI Academy APAC 2026 (Cohort 3) and received a certificate of completion on 21 September 2026. The programme is aimed at learners across the Asia-Pacific region. Skills in generative AI and cloud platforms are increasingly valued in the technology industry.

Therefore, completing a programme like this complements her AIML coursework as she approaches the end of her degree. The School congratulates Dhana Lakshmi on her commitment to learning beyond the curriculum and wishes her success in her future career.

Prasanna Kollu Earns IBM SkillsBuild Certification

Prasanna Kollu, a second-year B.Tech AIML student, received a certificate of completion in Web Development Fundamentals from IBM SkillsBuild, issued on 23 September 2026. The certificate recognises his commitment to professional excellence and his successful completion of the programme's requirements.



Building industry-recognised skills early in a degree helps students prepare for internships and projects in the years ahead. The School appreciates Prasanna's initiative in taking up additional learning alongside his academics and congratulates him on this achievement.



Saranya Secures Second Place in Zerodha Varsity Quiz

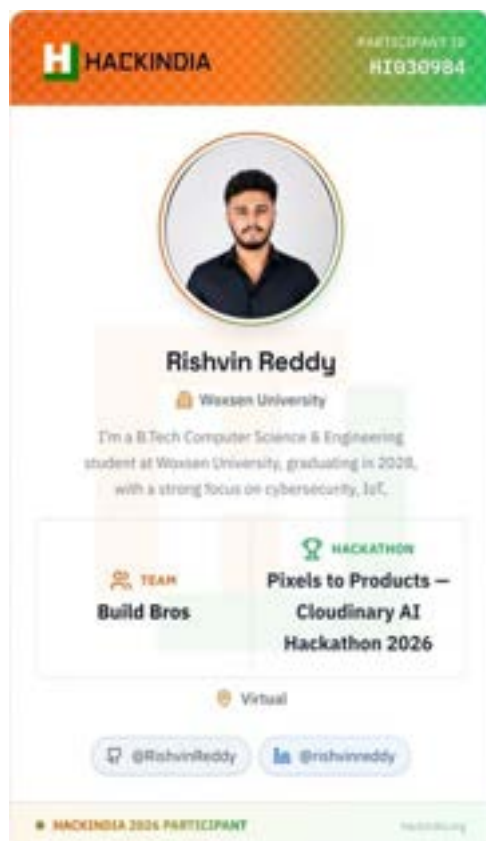


Saranya K, a fourth-year B.Tech AIML student, secured second position in the Zerodha Varsity Quiz. She received a certificate of achievement from Zerodha Varsity, issued on 1 September 2026.

A strong result in a quiz linked to finance and markets shows curiosity and knowledge beyond a technical curriculum, and it highlights the value of interdisciplinary learning for future technologists. The School congratulates Saranya on her second-place finish and encourages other students to explore areas outside their core subjects.

Rishvin Reddy Engages with the Wider Developer Community through Hackathon and Cloud Events

Rishvin Reddy, a third-year B.Tech CSE-BIC student, took part in "Pixels to Products", the Cloudinary AI Hackathon 2026, organised by HackIndia in collaboration with Cloudinary. Hackathons like this give students the chance to turn ideas into working products within a limited time, building skills in problem-solving, collaboration and quick decision-making.



Rishvin also received a Certificate of Participation for First Commit, Event 01 of the Bharat Builds Tour, organised by WeMakeDevs in collaboration with Amazon Web Services (AWS) on 20 September 2026. Events of this kind connect students with current industry tools, practices and peers outside the campus.

Together, the two engagements show Rishvin's initiative in looking for learning opportunities beyond the classroom. The School appreciates his willingness to take on such challenges and congratulates him on his active involvement in the developer community.

Words for a Better World": SoT Marks International Literacy Day with Outreach at ZPHS Maqdampally



The Department of Humanities, School of Technology, observed International Literacy Day with an Extended Reach and Service (ERS) activity titled "Words for a Better World" on 8 September 2026 at Zilla Parishad High School (ZPHS), Maqdampally. Held under the UNESCO theme "Literacy for People, the Planet and Prosperity," the session was meant to promote foundational literacy among students of Grades 1 to 5. Using flashcards that paired pictures with words, and worksheets suited to each grade level, faculty and volunteers worked with the children in small groups. The session was designed to be interactive and enjoyable, and it kept the children engaged throughout.



The activity was coordinated by Dr. Sarah Mariam Roy, Dr. Dharmendra Kumar Mishra and Dr. Anusree, with support from third-year B.Tech student volunteers Dakshina B, Jaaswanth and Prajwal Patil. It gave the university a meaningful way to engage with the local school community, and it gave the student volunteers first-hand experience of educational outreach. The initiative aligns with Sustainable Development Goals 4 (Quality Education), 12 (Responsible Consumption and Production) and 16 (Peace, Justice and Strong Institutions), and it reflects the Department's continued commitment to community engagement and social responsibility.

SoT Hosts Internal Hackathon for Smart India Hackathon 2026



The School of Technology at Woxsen University conducted its Internal Hackathon for Smart India Hackathon (SIH) 2026 on Thursday, 10 September 2026, from 9:30 AM to 5:00 PM. The full-day event gave students a chance to work on problem-solving, prototyping and pitching, the same skills that national-level hackathons demand. For many of them, it was a first opportunity to take an idea from a problem statement to a working solution within a single day.

The internal round served as the first step towards SIH 2026, with the top-performing teams earning the chance to represent Woxsen on the national stage. Such events give students practical experience in teamwork and in presenting ideas under pressure, and they reflect the School's commitment to encouraging innovation and hands-on learning. The School congratulates all the participants and wishes the selected teams the best at the national level.

Student Brings Technology to Traditional Medicine Research at ICSSR Seminar



Puranik Yashaswin Sharma, a third-year B.Tech CSE student, presented his interdisciplinary research at the ICSSR-sponsored National Seminar on Preserving Traditional Medicine. A seminar on this subject sits closer to the social sciences than to engineering, so a technology student presenting there was a distinctive step. His work drew appreciation from the anthropologists present, who welcomed a technologist's perspective on a field they know well.

The response is a sign of how technology and the humanities can work together, with technical skills supporting the study and preservation of cultural and traditional knowledge. The School congratulates Yashaswin on representing it at a national platform and hopes his experience encourages more students and faculty to look for research opportunities across disciplines.

From Soil to Art: Students Turn Construction Earth into Clay Creations



Soil excavated during construction behind the Law Block is often treated as waste. Students of the School of Technology saw a resource in it. They turned the earth into clay and began shaping and detailing it into Ganesha idols, giving material that would otherwise have been discarded a new purpose as art. The initiative was conceived and run by the students themselves, who took it from idea to finished pieces with real enthusiasm.

The project is an ERS) initiative that brings together sustainability, creativity and cultural craft.

Working with their hands, the students learned about reuse and responsible use of materials, a lesson no classroom can fully replicate.

The initiative aligns with SDG 12 (Responsible Consumption), SDG 11 (Sustainable Communities) and SDG 4 (Quality Education), promoting reuse, experiential learning and responsible practices.

The School congratulates the students who conceptualised and carried out the project, and who showed that a sustainability idea can start from the ground beneath a construction site. It is a good example of student leadership and of learning beyond the syllabus, and the School hopes it inspires similar ideas across the campus.

Patents, Peer Review and Post-Quantum Learning



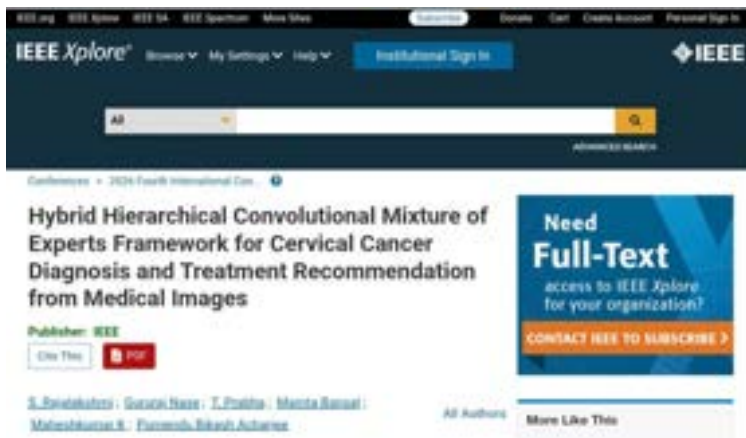
Prof. Veeresh Biradar, Assistant Professor at the School of Technology, Woxsen University, has had a productive season, with two patent publications, a peer-review role at an IEEE conference and participation in a national Faculty Development Programme (FDP). He is a co-inventor on the patent application "Machine Learning-Based Antenna Fault Detection and Predictive Maintenance System for IoT Networks" (Application No. 202641104377), published on 11 September 2026.

He is also the first applicant on "Artificial Intelligence-Based Early Cardiac Arrest Detection and Alert System Using ECG Signals" (Application No. 202641070271), which was published on 12 June 2026.

Prof. Biradar also served as a reviewer for INDISCON 2026, the 7th IEEE India Council International Subsections Conference, held at MNIT Jaipur from 11 to 13 September 2026, and received a Certificate of Appreciation for his contribution to the peer-review process. In addition, he took part in the MeitY-sponsored FDP on "Cryptography and Security Applications: Classical to Post Quantum" at IIT (ISM) Dhanbad, held from 31 August to 4 September 2026. The School of Technology congratulates Prof. Biradar on these achievements.



IEEE Papers and Patents in AI



Prof. Gururaj Nase, Assistant Professor at the School of Technology, Woxsen University, has added two IEEE-published papers and two published patent applications to his research record, all applying artificial intelligence to healthcare and security. He co-authored "An Explainable Deep Learning Framework for Melanoma Detection Using ResNet50 and Grad-CAM," published by IEEE for the 2026 IEEE Global Symposium [full name to be confirmed], which uses Grad-CAM to make a ResNet50 model's melanoma predictions interpretable and so supports trust in AI-assisted diagnosis. He also co-authored "Hybrid Hierarchical Convolutional Mixture of Experts Framework for Cervical Cancer Diagnosis and Treatment Recommendation from Medical Images," published by IEEE for the 2026 Fourth International Conference [full name to be confirmed], whose model analyses medical images to support both diagnosis and treatment recommendations.



Prof. Nase is also a co-applicant and co-inventor on two patent applications published in the Patent Office Journal. "Artificial Intelligence-Based Early Cardiac Arrest Detection and Alert System Using ECG Signals" (Application No. 202641070271), published on 12 June 2026, uses an LSTM model on ECG data to flag early warning signs and send IoT-based alerts to doctors and caregivers. "Intelligent Machine Learning Framework for Integrating Fraud Analytics, Cybercrime Intelligence, and Adaptive Security Policies" (Application No. 202641103736), published on 4 September 2026, detects fraud and threat patterns in real time and adapts security policies automatically. The School of Technology congratulates Prof. Nase and his co-authors and co-inventors on these achievements.

Editor's Note – October 2026

As October arrives, we are pleased to bring you an edition that shows how much can be achieved when curiosity meets commitment. These pages look back at a busy and rewarding September on our campus, one that brought together research, industry, innovation and community.

On the research front, our faculty have added new papers, patent publications, peer-review roles and learning opportunities to the School's record. Their work, spanning healthcare, security, communications, nanotechnology, literature and more, shows the breadth of ideas that our community is willing to explore and the standards it holds itself to.

Our students, too, have given us many reasons to celebrate. From hackathons and national competitions to certifications, conference participation and research presentations, they have shown what happens when learning goes beyond the syllabus. Placements, internships and pre-placement offers, at home and abroad, along with growing partnerships with industry, point to a future in which the classroom and the workplace are increasingly connected.

This edition also reminds us that technology and responsibility go together. Outreach to a nearby school on International Literacy Day and a student-led project that gave construction soil a new life as art show that our community cares about its surroundings and its society as much as its own progress.

To everyone featured in these pages, congratulations, and thank you for the effort behind each achievement. To our readers, we hope these stories inspire you to take the next step in your own journey. Here's to the ideas that will take shape, the partnerships that will grow and the achievements still to come.

Happy Reading!

Dr. Anusree B
Editor

Tech Chronicles