



# **PRESIDENCY KALEIDOSCOPE**

Volume 6 | Issue 6 | June 2025





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Please send your comments  
and suggestions to  
[editor@presidencyuniversity.in](mailto:editor@presidencyuniversity.in)

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# Uptake

The past few weeks have served as a powerful reminder that life is fleeting, and everything that unfolds between birth and death is but a brief encounter in the grand journey of existence. It makes one wonder if the things we fight over and the scores we try to settle are worth it. What really counts is the number of smiles we spark—whether through a simple gesture or a kind word. Were there people touched by our words and actions? Did we lead a life that made even a small difference, or did we spend our precious time chasing pursuits that ultimately hold little value?

Reflective practice—whether after a class, a conversation, or the close of a long day—is a powerful tool for self-awareness and transformation. The ability to acknowledge our missteps and realign ourselves requires far more courage than giving in to lesser impulses and persisting in them under the illusion of self-importance, ‘I am the monarch of all I survey,’

as the poet William Cowper once cautioned. And often, such self-adulatory thoughts are brought to a standstill when we’re confronted with the fragility of life—when dreams are dashed and lives are crushed, all gone in mere moments.

As we pick up the pieces and move on, it may be business as usual in a sense. Life may resume its routine on the outside. But for those who are introspective, every crisis is also a chance to course-correct. There’s little use in looking back with regret at the words left unsaid or the kindnesses left undone. The past is history; the future remains a mystery—but the present is a gift. If we are to touch lives, inspire hope, or bring joy, then now is the time to begin.

As the sun rises, we remain grateful for the gift of a new dawn—an opportunity to improve upon yesterday, with the hope that today will be better than the day before. I am sure you will agree.



In addition to being a platform for creative expression, this edition features insightful, well-articulated, and timely articles. Kaleidoscope is pleased to offer a space where topics that are often overlooked or avoided can be brought to light. Healthy discussion is essential—not only to clear the cobwebs but also to ensure that unheard voices find their place. A heartfelt thank you to all our contributors for shedding light on these important issues. Keep them coming!!!

Until we meet again, have a wonderful time ahead!



**Dr. Akila S Indurthi**  
Editor





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# BEYOND CLASSROOM

A celebration of your talent





## உரிமை

என் காம்பவுண்டில் நானே வளர்த்த தென்னை  
பார்த்துக்கொண்டிருக்கும்போதே உயரமாய் வளர்ந்தது தெரிந்தாலும்  
ஏறுவெயிலில் ஒருமுறை, வீட்டுக்கு வரும் போது  
சாலையிலும் அதன் நிழல் விழுந்தது தெரிந்தது  
அந்த நிழலில் நின்ற யாரோ ஒருவரின் காரை கண்டபோதே

அட! என்று ஒரு நிமிடம் ஆச்சரியப்பட்டேன்  
யோசித்தேன்  
நிழல் என் மரத்தினது, நிறுத்த வேண்டாம் காரை  
என்றால் தவறா?  
அதன் நிழலில் நின்றதால் அந்தக் கார்  
எனதென்றால் தவறா?

உரக்கப்பேசினால் அவன் இப்படித்தான்: மக்கு,  
தென்னை உன்னுடையதாயிருக்கலாம் அதன் நிழலும் உன்னுடையதா?  
தினம் காலையில், தென்னங்கீற்றில் வந்தமரும் பறவையும்  
உன்னுடையதா?  
அதனின் சீசு சீசு, அலைபாயும் காற்று, மிளிரும் கிரணங்கள்  
உலாபோகும் சந்திரனும் உன்னுடையதா?

இது பொதுமக்களின் சாலை - நிறுத்த  
அங்கு படிந்த நிழலும் என்னுடையது என்பதில் உரிமையுண்டு  
அல்லாது, நிழலின் சாக்கில் வாகனம் நிற்கிறது  
இதனால் போக்கு வரத்துக்கு இடையூறு, வெட்டிவிடு  
மரத்தையென்றால் எங்குள்ளது என்னிடம் பதில்?

கணம் ஒரு கணம் அஞ்சி

காரில் யாரும் இல்லாததால் மகிழ்ச்சியாய்  
நிழலைப் பார்க்காது  
வெறும் காரின் அழகை ரசித்ததுபோல்

விறு விறுவென்று உள்ளே நடந்தேன்.



Kannada Poem by  
K.S. Nisar Ahmed

Translated by  
Dr. Malarvili. K and Jayanthi. K  
Department of Languages,  
Presidency School of Liberal Arts.





# Empowered and Exhausted: How Women Became a Billion-Dollar Market

It was early May 2025, the grand finale of the academic circus. Emails were flying in like digital missiles, deadlines were collapsing onto each other like dominoes, and every desk had towers of tasks that looked ready to apply for heritage site status. Amid this whirlwind, I assigned an additional task to one of my coordinators, a sharp, diligent gentleman already knee-deep in work.

He looked at me, took a deep breath, and with the grace of a UN negotiator, said, “Madam, it’s humanly not possible.”

To which I, with a touch of motivation, grinned and replied:

“Sir, you are a superhuman.”

And that’s when the twist came; with a smirk and a sparkle in his eye, he shot back, “I cannot hit fifth gear because of words.”

We both laughed, but as the laughter faded, it left behind a surprisingly sharp insight. That single sentence was like an accidental TED Talk. It made me rethink how women speed past limits with fierce grace, even when the track wasn’t theirs to race.

It got me thinking. Isn’t it fascinating how often women are conditioned to give more, to multitask, to overdeliver, to smile while doing it, and to still feel it’s not enough unless it’s applauded? Women are taught to cook, earn, nurture, organize, plan, and occasionally also save the world, often in heels. Men, on the other hand, were rarely told to do it all; they were told to do one thing well. The truth is, “Women were trained to cook and earn, but men were never taught to earn and cook.”

What started as a movement for gender equality, educating women, and empowering them to work and earn has, over time, transformed into a strange paradox. Women now can do it all but are also expected to want to do it all. And somewhere in this empowerment journey, a quiet loneliness crept in. Now, women take pride in solo trips, scented candles, and mugs that scream “Independent Queen”—while quietly Googling “Why do I feel so exhausted despite doing everything right?”

vignettes







# Vignettes



It's almost poetic the way capitalism jumped on board, selling empowerment in pastel packaging. A billion-dollar market bloomed out of telling women to love their loneliness—with K-drama, C-drama, keychains, tote bags, and soy candles that whisper “self-care” while slowly compromising the air quality.

Meanwhile, men? Well, some of them are relaxing. Perhaps not intentionally, but subtly, letting women shoulder this new burden of “having it all.” The result? A vicious cycle where women are praised for winning a game that shouldn't have existed in the first place — a battle they didn't start but now feel responsible to finish.

So, what's the moral here?

Choose your battles wisely!!! Because some victories come wrapped in applause but lead to exhaustion, and some eye-openers come wrapped in humor, delivered casually by a coordinator who just didn't want another file on his desk.



**Dr. Saba Inamdar,**  
**Assistant Professor & HOD in Charge,**  
**Presidency School of Commerce.**



# Wellness & You | Mind Matters

## Thriving at Midlife: A New Chapter of Confidence, Clarity & Mental Wellness

Turning middle-aged is not the beginning of decline—it's the rise of a new kind of power. Women's days begin before the sun rises. Between preparing breakfast, managing work deadlines, and helping kids with homework, her life is a whirlwind of responsibilities. For many women juggling family, career, and self-expectations, she rarely has a moment just for herself. For years, we pushed through fatigue, dismissing the anxiety that sometimes crept in as “just stress.” Many women thought admitting they were overwhelmed would mean failure—failure as a mother, employee, and partner. So we wore a brave smile, hiding inner turmoil from the world. But inside, we felt the weight growing heavier; sleepless nights, mood swings, and constant worry made us question our worth.

The turning point often comes quietly—a conversation with a close friend or bestie who encourages you to seek support can become an unexpected blessing. For many women, this stage of life marks a profound transformation: bodies change, roles shift, and priorities evolve. Mood swings, anxiety, brain fog, or emotional fatigue are not signs of weakness—they are signals that the mind, like the body, needs nourishment, care, and attention. Prioritizing mental wellness at midlife is breaking the silence, seeking support, and making space for self-care without guilt. It means understanding that therapy, rest, and setting boundaries are powerful acts of self-respect. At this stage, it's essential to regularly check in with yourself—what energizes you? What drains you? What do you need to feel whole? Nourishing mental health also includes good sleep, proper nutrition, hydration, and joyful movement like walking, yoga, or dancing.

Exploring creative passions—art, music, writing, gardening—can reconnect you with a deeper sense of self. Practicing mindfulness or gratitude journaling, even for a few minutes a day, can bring calm and perspective. Surrounding oneself with supportive, uplifting people and letting go of toxic dynamics allows space for growth and healing. Most importantly, women at midlife must know they are not alone, and they are not “too late” for anything. This decade is not about holding on—it's about letting go of pressure, embracing authenticity, and thriving emotionally and mentally. Your lived experience is your strength. You are not unraveling—you are evolving. Strong, wise, radiant—you are just getting started. The best chapters are still being written.

“This is not the end of youth—it's the beginning of freedom.” “You don't have to be perfect to be strong.”

**Dr. Samiya Mubeen,**  
Assistant Professor –Selection Grade,  
Presidency School of Management.





# Through the Cracks of Glass:

## Surviving Office Politics and Toxic Workspaces

The workplace is frequently compared to a second home because it is where we spend the majority of the day, where friendships are forged, careers are developed, and dreams are realized. But what if that area starts to weaken our spirit rather than strengthen it?

The use of social networking, power, and influence within an organization to benefit a department or oneself is known as office politics. Although politics is frequently seen negatively, it is an unavoidable part of workplace dynamics because of competing personalities, objectives, and demands for scarce resources.

I write this from a place of clarity that only experience, which is frequently painful, can provide, rather than from cynicism. All things considered, I've had to navigate a challenging workplace where internal politics frequently overshadowed sincere purpose, and remaining unspoken seemed like the safest course of action.



### The Quiet Chaos of Workplace Toxicity

Toxicity in the workplace rarely erupts in loud arguments or open hostility. More often, it simmers silently:

- Recognition becomes selective.
- Information flows through exclusive channels.
- Decisions echo bias and favouritism.
- Colleagues, once allies, compete in subtle wars for influence.

And the most exhausting battle? Trying to remain unaffected while preserving your sense of integrity and purpose.

This isn't just a personal reflection; it's a shared experience. According to a revealing report from MIT Sloan Management Review (2022), toxic workplace culture is the **leading cause of employee attrition**, ranking even higher than issues like compensation or work-life balance. It's the invisible thread that unravels even the most well-intentioned teams.

vignettes





## What the Research Unveils

Scholarly literature over the years has cast a stark light on these patterns:

- Amy Edmondson (1999) introduced the concept of psychological safety—the belief that one can speak up or take risks without fear of humiliation or retaliation. In toxic workplaces, this safety is the first to disappear.
- A study by Porath & Pearson (2009) found that incivility leads nearly half of employees to intentionally reduce their effort and over a third to reduce the quality of their work. Toxicity not only breaks people, but it also breaks performance.
- Gallup's 2023 report on leadership revealed that managers influence 70% of an employee's engagement. A poor manager doesn't just cause stress; they create waves that ripple through the emotional and professional lives of entire teams.

## Living Through It: Lessons and Choices

I've discovered that you can't pour from an empty cup, regardless of how committed or passionate you are. Your surroundings start to make you feel smaller when your worth is continuously questioned, your victories are politicized, and your voice is ignored. But discomfort is often necessary for growth. I've adopted crucial strategies for navigating this area, including establishing boundaries to safeguard my mental health, recording my efforts and results to preserve my credibility, seeking support from mentors and like-minded professionals, reassessing alignment with the role and the organization's values, and making investments in my own development to achieve my goals on the personal and professional fronts.

## What Needs to Change?

Since workplace toxicity is systemic rather than limited to a single office, changing jobs is not the answer. Businesses need to accept this fact and make a conscious effort to rebuild their cultures by cultivating empathy instead of ego. This entails rebuilding feedback mechanisms to guarantee that workers can express themselves in a safe and genuine manner, educating executives on emotional intelligence in addition to performance evaluations, and appreciating teamwork as much as individual success.

## Final Reflection

In my journey through this toxic terrain, I've learned that while we cannot always change the setting, we can choose how we evolve through it.

If you're reading this and feeling unseen in your workplace, please know this: Your experience is valid. You deserve a space that sees your light and doesn't dim it. And if you're in a position to lead, let your leadership be the shift in the lens that brings clarity, not cracks.



**Call for Action, “If you feel unseen, take one step today.”**

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**Ms. Sowmya Ram –MSW (HR &IR),  
Soft Skills Trainer-Researcher,  
Department of Learning & Development,  
Presidency University.**

**Would you like to contribute articles to the University magazine?**

**Send your articles to [editor@presidencyuniversity.in](mailto:editor@presidencyuniversity.in) as a Word document along with your photograph and credentials before the 15<sup>th</sup> of each month. Images and photographs may be sent separately as attachments.**

### **Note:**

**Please send images and photographs separately as attachments.**





# **PRESIDENCY KALEIDOSCOPE**

## **Events Galore**

**Roundup of activities in  
April, May and June  
2025**



## Viksit Bharat Youth Parliament

The Viksit Bharat Youth Parliament—District Level Round, organized in collaboration with the Ministry of Youth Affairs and Sports and Nehru Yuvak Sanga and hosted by the NSS Cell of Presidency University, was held on March 22–23, 2025. The event provided a dynamic platform for young minds to engage in thought-provoking discussions on “One Nation, One Election.”

The chief guest, Ms. Brinda Adige, a leading advocate for children's and women's rights, is part of the Karnataka High Power Committee against Human Trafficking, the Task Force against Human Trafficking with the District Legal Services Authority, Bengaluru, and the Convener for Mukti—An Alliance against Human Trafficking and Bonded Labor. Her pioneering work includes setting up India's first dedicated child protection helpline, building advocacy and collaborative actions, developing the "People-Friendly, Gender-Sensitive Police Training" module for the Karnataka State Police, and spearheading initiatives like Safer Cities Free from Violence Against Women and Children, besides many more in a career spanning many decades.

Guest of Honor, NYKS Deputy Director Mr. Ashok Kumar Dash, actively guided the members of the NSS towards ensuring the smooth conduct of the event along with Dr. Anu Sukhdev, Dean of Student Affairs, and Ms. Renuka Bhagwat, NSS Coordinator.

Dr. Vidya Shankar Shetty, Pro-Vice Chancellor and Dr. Sameena Noor Ahmad Panali, Registrar, Presidency University, drew attention to the importance of the event in shaping young minds towards contributing to building a better society. A panel of distinguished judges meticulously evaluated the participants throughout the event. Dr. N. Prabhakaran, Ms. Vidya A.R., Capt. Ritesh Jha, Dr. Narasimha Murthy, and Prof. Malarvili K. comprised the jury, while Ms. Sree Veni, District Youth Officer, NYK Bangalore Rural, graced the inaugural event. The two-day event witnessed enthusiastic participation from over 75 delegates out of the 150 selected for the district-level round (Annex 1). The delegates demonstrated exceptional leadership skills and a profound understanding of governance and democracy, aligning with the vision of Viksit Bharat 2047. The discussions were conducted in Kannada, Hindi, and English, allowing participants to express their views effectively. A total of ten students qualified for the state-level round.

Earlier, volunteers of the NSS, Presidency University, visited over thirty colleges and universities in Bangalore Rural, promoting the event, raising awareness, and encouraging participation.







# Events Galore





## Global Youth Summit 2025



The Global Youth Summit 2025, organized by the State NSS Cell, Department of Youth Empowerment and Sports, Govt. of Karnataka, in association with the National Service Scheme (NSS), hosted by Yenepoya (Deemed to be University), had more than 500 delegates from over 25 countries participating in the summit. The youth participants had a tremendous learning experience as they met diverse groups and interacted with the delegates. The theme of the summit was Youth Power: Innovate, Inspire, Impact. The two teams from Presidency University participated in the poster presentation and also staged a sequence from the Mahabharata.





# Presidency School of Computer Science and Engineering and Presidency School of Information Science

## Innovatex 3.0

The National Level Tech Fest, Innovatex 3.0, held from April 15-17, 2025 at Presidency University, was testimony to the institution's commitment to fostering innovation, creativity, and technological advancements. Organized by the School of Engineering and the School of Computer Science Engineering and Information Science, the three-day event attracted participants with a dynamic mix of 18 exhilarating events that ranged from Robo Wars, Robo Soccer, RC Rally, Maze Runner, and Drone Challenges to Hackathons and numerous other tech-driven activities.

Innovatex 3.0 gained a phenomenal response, with enthusiastic participation from over 1200 students from prestigious institutions across the country, including VITs, Lovely Professional University, MGR University Chennai, KLE Hubli, SRM, PESIT, RVCE, MSRIT, and more. In addition, 500 students from Presidency University were shortlisted to participate in various events, showcasing the diverse talent that exists both within and outside the university.

The Chief Guest, Dr. Satya Gupta, President of the VLSI Society of India and Co-Founder of EPIC Foundation, Bangalore, inspired the attendees with his insights on the future of technology and innovation. The presence of distinguished guests like Shri Madan Padaki, Founder and CEO of 1Bridge, and President of TiE Bangalore, added a layer of expertise and encouragement. He offered the winners of Pitchathon event an opportunity to pitch their idea and connect with different investors and mentors through TIE Bangalore. Innovatex 3.0 was meticulously organized, ensuring smooth execution and an engaging experience for all attendees. Innovatex 3.0 was not just a celebration of innovation but a platform for aspiring engineers, technologists, and innovators to showcase their talents, learn from industry leaders, and engage in meaningful discussions about the future of technology. A special highlight of Innovatex 3.0 was the insightful talk delivered by international speakers Dr. Emmanuel R. Goffi and Dr. Bikaram Pratim Bhuyan. Their perspectives on "AI Today and AGI Tomorrow," coupled with a crucial reframing of AI ethics, undoubtedly ignited important discussions and provided valuable foresight into the future trajectory and responsible advancement of artificial intelligence. The success of Innovatex 3.0 was further bolstered by the support of community partners Unstop and Hack Culture. Their collaboration contributed significantly to the reach and engagement of the event.







# Events Galore





## The Sixth Innovative Project Expo

The second-semester students from the School of Engineering (SOE) and the School of Computer Science, Engineering (SOCSE) completed their projects successfully utilizing Arduino (ECE2010- Innovative Project using Arduino) addressing various real-world challenges, including many problem statements from the Smart India Hackathon and other hackathons conducted across India. This time the theme of the sixth Innovative project was based on the 17 SDGs. The students were given 14 different themes to base their project titles from a repository created by the Innovative project team. The students presented the progress of their project in three phases. The first phase focused on their understanding of the project with students displaying their idea and understanding to their faculty guide. In the second phase, students presented their ideas to their respective guides and a reviewer assigned by the Innovative Project Team. During this stage, they showcased their work through a partial demonstration of the project prototype. The final phase, held on the 9th and 10th of May, involved presenting the completed project prototype or model to both their guide and the reviewer. On May 9, 2025, a total of 576 hardware and software projects were presented simultaneously by students from both schools. An internal jury evaluated all 576 IPA groups to select the top 70 projects. The team which has been selected as top 70 IPA groups showcased their models on May 10, 2025, before a panel of industry experts for further assessment. The external industrial jury members then selected ten outstanding projects, along with awards for the best industry-relevant and best societal- relevant projects.

The chief guest, Ms. Sailu Khambampati, Global Head of Core Apps, Cloud & Custom Applications, India Head of Architects Community, and Vice President of Capgemini, graced the occasion. Messrs. Niranjan M., AGM-Supply Chain, Accutech Enterprises, Vijay Kumar V of Bosch Global Software Technologies, Madhavan Sambandam, Enterprise Architect, IBM, John Justus, Asst. General Manager - Central Quality, Ashok Leyland, Girish KS, formerly of Intel, AMD, and WDC-Sandisk; Anand Gopalan, Enterprise Architect, IBM; Vellengiri M, Founder/CTO, Felskinn Engineering Solutions Pvt. Ltd.; Praveen R, Vehicle Dynamics Engineer, Zealics Technology Pvt. Ltd.; and Shivam, Founder, Scanpick, served as members of the external jury, while Dr. Jagdish H. Godihal, Professor, Department of Civil Engineering, Presidency University, represented the internal jury. Awards were presented in various categories.







# Events Galore





# Presidency School of Engineering

## Department of Civil Engineering

Construct-A-Thon, an intercollegiate civil engineering technical competition organized by the Department of Civil Engineering, Presidency University, Bangalore, was held on May 7, 2025. The event brought together students from various institutions to participate in engaging and educational civil engineering challenges.

The event aimed to extend learning beyond the classroom by allowing students to apply theoretical concepts to practical problems, encouraging the development of technical skills, creativity, teamwork, and leadership through hands-on activities and collaborative competitions. Focusing on key areas such as materials, structural design, and sustainability, events like Construct-A-Thon support academic growth by providing meaningful opportunities for experiential learning, promoting critical thinking and problem-solving, and making learning more interactive and enjoyable. It was a valuable platform for students to showcase their talents and deepen their understanding of civil engineering in a dynamic and supportive environment.

### Competition Line-Up

#### 1. CiviGenius—The Ultimate Civil Engineering Quiz

A fast-paced quiz testing both fundamental and advanced civil engineering topics such as structural analysis, geotechnical engineering, transportation, surveying, and materials. It challenged students to think critically and apply knowledge under pressure, promoting teamwork and quick thinking.

#### 2. Span it Right—Bridge Modelling Challenge

Participants designed and built bridge models using specified materials within constraints. Models were judged on aesthetics, stability, load capacity, and innovation. This hands-on challenge helped in promoting technical skills, creativity, planning, and execution, offering practical insight into structural design.

#### 3. Creative Canva—Poster Presentation Showdown

Students presented innovative ideas and engineering solutions through posters on topics like sustainable construction and urban infrastructure. Judged on content, clarity, visual impact, and presentation skills, this event encouraged creativity and effective communication of complex concepts.

### Total Prize Pool: Rs. 18,000

#### Each event included the following prizes:

- Winner: Rs. 4,000
- Runner-Up: Rs. 2,000
- Honorary mention—certificate





# Events Galore



The events were judged by a panel consisting of one external and one internal jury member. Mr. Arjun Reddy, proprietor of ARPR Infrastructure, and Mr. Muthukumar, CEO of Northline Constructions, were the external jury members. The event witnessed enthusiastic participation from over 40 teams, comprising around 130 students from institutions across Karnataka, including cities like Hubli, Mysore, Hassan, Tumkur, and Bangalore. Spanning a full day of engaging competitions and activities, the event culminated in the recognition of well-deserving winners for their exceptional performance.

## Winners of CiviGenius - Quiz Competition

<b>Winners</b>	K L E Institute of Technology, Hubli	Mr. Naveenkumar G Ramapur and Mr. Sushir
<b>Runner-up</b>	Dayanand Sagar College of Engineering, Bangalore	Ms. Tanushri and Mr. Anjin Bastian
<b>Honorary mention</b>	Jyothy Institute of Technology, Bangalore	Mr. Balaji T and Mr. Ranjith Kumar

## Winners of Span It Right - Bridge Modelling Competition using Popsicle Sticks

<b>Winners</b>	Jyothy Institute of Technology, Bangalore	Ms. Sindhu S, Ms. Sushma U and Karthik M
<b>Runner-up</b>	Sir M Visvesvaraya Institute Technology, Bangalore	Mr. Thewar Veera Raghav
<b>Honorary mention</b>	Dayanand Sagar College of Engineering, Bangalore	Ms. Tanushri and Mr. Anjin Bastian

## Winners of Creative Canva - Poster Design & Presentation

<b>Winners</b>	R V College of Engineering, Bangalore	Ms. Yashaswini, Mr. Mohammad Zain and Mr. Chinmaya R
<b>Runner-up</b>	R V College of Engineering, Bangalore	Ms. Brunda K S and Mr. Akash Kumar Singh
<b>Honorary mention</b>	Jyothy Institute of Technology, Bangalore	Mr. Balaji T and Mr. Ranjith Kumar





## Glimpses of Construct-A-Thon 2025

# Events Galore



### Lake Conservation

A team from the Center for Advanced Survey and Photogrammetry (CASP), Department of Civil Engineering, Presidency University, Bengaluru presented a paper titled "**Drone Based Assessment and Community Led Conservation of Nagarakere Lake, Doddaballapura: A Spatial and Environmental Analysis**", in the KSTA sponsored National Level Workshop on Namma Lake 2025 from May 22-23 2025.







## Drone Equipment Maintenance

A 3-day National Workshop on “Applications of Drones & UAVs in Agriculture & Allied Sectors”, was organized by Karnataka Science and Technology Academy (KSTA), Department of Science and Technology, Govt. of Karnataka & MANAGE, Hyderabad, from June 10-12, 2025 in Bengaluru. Against the backdrop of Karnataka’s push to integrate cutting-edge UAV technologies into modern farming, Dr. Nakul Ramanna, Professor and Head, Department of Civil Engineering, delivered a masterclass on ‘Drone Equipment Maintenance’ on Jun 10 2025, ensuring that high-performance agricultural drones stay aloft, safe, and productive.

### Why Maintenance Matters

Opening with a stark reminder that ‘frequent use and high-speed flying of drones will eventually stress components, making them more prone to wear and tear’, Dr. Ramanna immediately framed maintenance not as an optional extra but as the cornerstone of safe, effective operations. He noted that regular upkeep directly translates into longer flight times, fewer mid-mission failures, and ultimately a higher return on investment for farmers deploying drones—whether for pesticide spraying, LiDAR surveys, or crop-mapping missions.

### A Rigorous Pre-Flight Checklist

Dr. Ramanna walked the audience through his comprehensive pre-flight routine, which begins long before the rotors spin:

- **Battery Health:** Confirm full charge, inspect for swelling or damage, and verify a secure connection.
- **Propeller Integrity:** Check for cracks or chips and ensure blades are firmly seated.
- **Motor Function:** Spin each motor to detect grinding or irregular noise.
- **Structural Soundness:** Examine the airframe and arms for stress fractures.
- **Firmware Updates:** Update all flight-controller components to the latest stable releases.

Neglecting any one of these steps can cascade into in-flight failures—an unacceptable risk when drones carry costly agrochemical payloads or high-resolution cameras.

### Post-Flight and Routine Upkeep

Once on the ground, cleanup and cool-down are just as critical using soft fabric to dislodge dust and debris, visually inspecting every component for new damage marks, and allowing motors and batteries to return to ambient temperature before handling. For long-term storage, keeping batteries at 50–60% charge in fire-resistant containers, performing weekly visual inspections, and never exceeding storage durations of 72 hours at full charge are recommended. The “Routine Maintenance” segment covered manufacturer-recommended propeller and motor replacement schedules, electronic speed controller (ESC) checks for proper functioning, and periodic frame evaluations. The importance of firmware updates cannot be underestimated, many unexpected flight behaviours trace back to poor piloting, decision making, lack of maintenance or outdated / corrupted software.





## DIY Repairs and Troubleshooting

Dr. Ramanna demystified basic in-field repairs, from quick propeller swaps to solder-free motor replacements. He encouraged participants to carry a compact toolkit and spares, emphasizing that “a stitch in time saves nine.” His troubleshooting flowchart tackled common failures—data-trigger gaps, sudden battery-voltage drops in high-wind conditions, and transmitter connectivity lapses—each illustrated with real-world case studies drawn from both commercial and research flights.

## Payload and Battery Best Practices

Recognizing that heavier agricultural payloads demand larger batteries, Dr. Ramanna devoted a section to lithium-ion and lithium-polymer safety. Key rules included charging only on fireproof surfaces, avoiding temperatures above 30 °C, and stowing batteries in aluminium boxes with strict clearance requirements. His mantra: “Stop use at the first sign of swelling, heat, or unusual odour—and always keep a Class D fire extinguisher close at hand.”

## Takeaways

Throughout the talk, Dr. Ramanna tied every maintenance principle back to agricultural impact: cleaner nozzles ensure even pesticide distribution; properly calibrated cameras and sensors yield accurate crop-health maps; and reliable flight-controllers reduce mission aborts over remote fields. Wrapping up, he urged workshop participants to codify standard operating procedures (SOPs) for their fleets and to update them based on field experience, ensuring that Karnataka’s burgeoning drone-assisted farms reap the full benefits of UAV innovation.

By the end of the session, Dr. Ramanna had armed attendees with not just checklists but a maintenance mindset—one that promises safer skies and healthier harvests for years to come.





## Risk Assessment and Analysis in Drone Operations

Mr. Bibang Gwra Basumatary, Research Scholar in the Department of Civil Engineering, was invited as a resource person to the "3 Day National Workshop on 'Drones & UAVs in Agriculture and Allied Sectors'," organized by the Karnataka Science and Technology Academy (KSTA) and held from June 10–12, 2025, in Bengaluru. As part of the technical sessions, a comprehensive presentation was delivered on "Risk Assessment & Analysis in Drones," focusing on safety protocols and hazard mitigation strategies essential for drone operations.

The presentation highlighted the rapid evolution of drones from military applications to critical tools in commercial, agricultural, and infrastructure sectors. With this expansion, the importance of structured risk assessment has become increasingly vital. Emphasis was placed on the systematic identification of potential hazards, evaluation of their severity and likelihood, and implementation of mitigation measures. The discussion underscored how thorough risk management not only improves mission reliability but also ensures the protection of personnel, assets, and regulatory compliance.

Further insights were provided into the classification of hazards commonly encountered in drone operations. Key areas included mechanical failures such as battery and rotor issues, operational shortcomings like inadequate planning or violations of airspace regulations, and environmental factors such as wind, rain, and limited visibility. The role of human performance, particularly the impact of fatigue, insufficient training, and procedural lapses, was also examined. A structured cycle of risk identification, mitigation, and continuous monitoring was recommended as a best practice to enhance operational safety and performance in diverse drone deployment scenarios.

YouTube Link for the talk: <https://www.youtube.com/live/tshidusD5OU> LinkedIn Link: <https://www.linkedin.com/feed/update/urn:li:activity:7338939032963305472/>





## Presidency School of Management

### Entrepreneurship Workshop

An enriching entrepreneurial workshop was organized for the second-semester MBA students on June 13, 2025, to help them understand the fundamentals of starting and sustaining a business, with Mr. Poojesh G., Founder & CEO of Digital Tenali, Bangalore, as the resource person. He exhorted the 110-odd budding entrepreneurs to take the first step towards their entrepreneurial or personal goals by understanding the value of starting small, thinking big, and maintaining consistent action—regardless of available resources or experience.







## Presidency School of Commerce

PSoC successfully signed an MoU with the Institute of Public Enterprise (IPE), Hyderabad, on June 9, 2025. The initiative for this MoU was led by Dr. Saba Inamdar, who represented Presidency University at the official signing ceremony held at the registered office of IPE, located within the Osmania University Campus, Hyderabad.

Established in 1964 as an autonomous non-profit society, IPE is a premier AICTE-approved management institute dedicated to transforming students into future leaders for both organizations and society. Its core objectives include management education, research, consultancy, and training. The Institute has been recognized as a 'Center of Excellence' by the Indian Council of Social Science Research (ICSSR), Ministry of Education, and Government of India.

This strategic collaboration aims to foster academic excellence through a range of initiatives, including collaborative research, faculty and student development programs, and other impactful academic engagements. This partnership is certain to create valuable opportunities for both the faculty and students, enhancing learning and professional development.





## Best Paper Presentation

Ms. Srijiatha Chatterjee and Mr. Vikas Kumar, students of BBA 4th Semester, PSoC, participated in the International Conference on Engineering, Medicine, Management, Arts and Sciences (ICEMMA-2025) held online on May 30, 31, and June 1, 2025. Under the guidance of Dr. Vijaya Sree, Assistant Professor at PSOC, they presented a paper titled 'Risk Management and Cybersecurity', which received the Best Paper Award in the Management theme, selected from among 70 submissions.

Dr. Vijaya Sree's doctoral student, Ms. Indira M., presented her research paper titled "Impact of the Sanjeevini Scheme on the Economic Development of Women in Mandya District – The Moderating Role of Gram Panchayat Level Federation (GPLF)" at the conference.



## Presidency School of Liberal Arts and Sciences

Department of Languages

Navigating Research in the AI Era





# Events Galore

The Department of Languages conducted a workshop titled “Writing for Impact: Research in the Era of AI” on May 12, 2025. The workshop aimed to offer practical skill-building and addressed the challenges and opportunities presented by AI in scholarly work, particularly emphasizing ethical integration and critical engagement with AI tools. The resource person for the event was Dr. Samuel Morse Geddam, Assistant Professor at St. Joseph’s University, Bengaluru. The workshop was divided into two interactive sessions, with Dr. Geddam emphasizing a balanced use of AI in research in the first session. He discouraged over-reliance on platforms like ChatGPT for literature reviews, recommending credible sources like Scopus. He also introduced a structured approach to analyzing research papers based on objectives, methodology, and findings. In the second session, Dr. Geddam showcased AI tools like Scispace.com for academic writing, survey design, and content analysis. He compared SciSpace and Scopus with Google Scholar, cautioning against the latter’s inclusion of non-credible sources, and emphasized the importance of quality control in research.

## IELTS Train the Trainer Workshop

The Department of Languages successfully conducted a comprehensive IELTS Train the Trainer (TTT) Workshop on May 29, 2025. The event aimed at strengthening the university's capacity for international English language assessment training. The workshop was organized in partnership with IDP IELTS, co-owners of the International English Language Testing System, with Ms. Sathi Chakraborty and Mr. Abhishek M. Swamy of IDP IELTS as the resource persons. The session offered a comprehensive overview of the IELTS test format and scoring, with a focus on the speaking and writing components. It highlighted practical strategies for teaching all four language skills and provided participants with a resource toolkit for effective IELTS preparation. The workshop also included interactive sessions such as group activities, peer reviews, and mock teaching sessions to enhance hands-on learning.



## Calling all Staff/Faculty

**Have you published papers, written books, bagged awards or won accolades recently? Send us a short report with an accompanying photograph. Have it featured in Kaleidoscope by mailing it to [editor@presidencyuniversity.in](mailto:editor@presidencyuniversity.in)**







## Congratulations



**Dr. Mohammed Mujahid Ulla Faiz**, Assistant Professor (Senior Scale),

Department of Electronics and Communication Engineering, on being elevated to the grade of IEEE Senior Member. Only 10% of IEEE's nearly half a million members hold this grade, which requires extensive experience, and reflects professional maturity and documented achievements of significance.

The IEEE (Institute of Electrical and Electronics Engineers) is the world's largest technical professional organization. IEEE Senior Member is the highest grade of membership in the IEEE that members can attain through either self-nomination or nomination by others. This elevation signifies a significant level of professional achievement. To become a Senior Member, individuals must demonstrate substantial experience, professional maturity, and notable contributions in IEEE-designated fields.

Dr. M.M.U. Faiz has been an IEEE member for over 10 years. The IEEE Bangalore Section (IEEE Region 10—Asia and Pacific) nominated him for the Senior Member grade with his advisors, Prof. Izzet Kale (University of Westminster, London, UK) and Prof. Azzedine Zerguine (King Fahd University of Petroleum & Minerals (KFUPM), Dhahran, Kingdom of Saudi Arabia), referring him for this significant milestone in his professional career.





## Congratulations



### Dr. Saba Inamdar

Assistant Professor & HOD in Charge, Presidency School of Commerce, for the successful publication of her edited book titled "Era of Management: Adapting Strategies for a Changing Environment," published by Deep Science Publishing. This scholarly work has been co-edited by Dr. Saba Inamdar and Dr. Parwinder Kaur from CT University, Ludhiana, with the following particulars: EISBN: 978-93-49910-89-8, ISBN: 978-93-49910-95-9.





This publication marks a significant academic contribution, exemplifying both external engagement and interdisciplinary collaboration. Contributors to the volume include academicians from Indonesia, Hyderabad, Chennai, Thrissur, and Ludhiana, as well as faculty from multiple schools within Presidency University—notably, PSOCE, PSOM, and PSOL.

## Congratulations

### Dr. Amit Saha

Assistant Professor & HOD in Charge, Presidency School of Commerce, Assistant Professor- Senior Scale, SoC and Shaik Rijwana, student of B. Sc. (Economics) fourth Semester, Presidency School of Commerce, Bengaluru for presenting a paper titled "Public Health And Well-Being: A Study On Public Health Expenditure In India For Sustainable Development Goals (SDGS)" at ICSSR - Sponsored National Seminar on Emerging Issues on Economic Prosperity and Sustainability on April 29-30, 2025 organized by the Department of Economics in collaboration with IQAC, Jhanji Hemnath Sarma College, Sivasagar.



## Towards a Sustainable Future

## Congratulations

### Professor Jagdish H. Godihal (JaGo),

for having delivered an impactful lecture on the occasion of World Environment Day at the iconic Century Club, Cubbon Park. Organized by the Environmental Engineers Association of Karnataka in collaboration with the PESCE Mandya Alumni Chapter, the event focused on the global plastic crisis under the theme "Plastic, Planet, and Possibility." Prof. JaGo's Equation for a Cleaner and Sustainable Future is a scientific yet intuitive framework:  $S = EC - RC - WA$ , where

$S$  = Sustainability

$EC$  = Environmental Capacity

$RC$  = Rate of Resource Consumption

$WA$  = Waste Assimilating Capacity





He explained that sustainability becomes a reality only when resource consumption and waste generation remain within the limits of nature's capacity to regenerate and absorb. "Plastic is not evil," he clarified. "It is our linear, disposable mindset that is the true enemy. We must shift toward a circular, regenerative thinking." To tackle the mounting plastic challenge expected to cross 1,100 million tons by 2050, Professor JaGo outlined his 4R Action Strategy: Refuse, Reduce, Reuse, and Restore. These principles, he emphasized, are not just actions but a mindset shift, urging everyone to become responsible consumers and active participants in restoring environmental balance.

He also stressed the critical role of youth and academia in shaping sustainable futures, calling upon students, educators, and professionals to become change agents. His message was clear: adopt daily sustainable practices, such as saying no to single-use plastics, carrying reusable bags, supporting eco-conscious products, and embracing circular economy innovations.

The event concluded with a collective pledge to implement the JaGo Equation in daily life and restore environmental capacity through unified community action. Participants praised Prof. JaGo's clarity, conviction, and compassionate approach to a pressing global issue. The resounding applause and energy in the room signalled more than appreciation; it reflected the awakening of a movement. Sustainability is not a distant dream but a real possibility—one equation, one action, and one person at a time.





# Congratulations

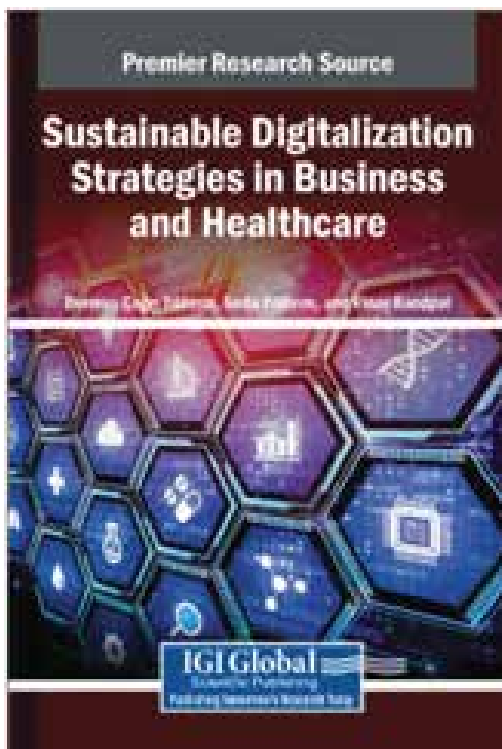
**Dr. Saba Inamdar**

Assistant Professor & HOD in Charge, Presidency School of Commerce, (Presidency University, India), who, along with Dr. Sameera Afroze (St. Joseph's Degree and PG College, India), has contributed a compelling chapter titled "Consumer Awareness on Sustainable Fashion" to the edited volume Sustainable Digitalization Strategies in Business and Healthcare (IGI Global, 2025).



Their work highlights the urgent need for a shift from linear to circular business models in the fashion industry, emphasizing how increased consumer awareness can drive sustainable change. As natural resources dwindle and textile waste grows, this chapter sheds light on how informed consumer behavior is key to a greener future.

Read more: <https://doi.org/10.4018/979-8-3373-5087-5.ch005>



## Chapter 5

### Consumer Awareness on Sustainable Fashion

**Editor Emeritus**  
<https://orcid.org/0000-0001-9911-4000>  
*President Emeritus, India*

**Source Address:**  
<https://www.cba.org/PAGE.mvc?ID=1712>  
 (a) Example 1: Program used (P) if college; double

## ABSTRACT

The shift to sustainable economy will probably happen more quickly than in the past. Additionally, there is the increasing social pressure on business to go "green" (or "ethical") in contrast to earlier changes that frequently faced opposition from the private population. In the 1990s, the circular economy would thus come out only for the dominant economic sector but after the evolution into a model approach is sustainability and the circular economy is required due to the severe environmental pollution, which has led to the unavailability of raw energy and mineral resources (especially oil and water). This has resulted in studies of use of finite natural resources. Natural resources are limited and while the Earth keeps for ages, humanity has long been seriously consuming them. Circular business models are necessary because most currently operating companies are constrained on linear models. Although numerous studies have been conducted, more customer knowledge is still needed. The current study focuses on how a circular economy can be of sustainable business.



## Congratulations

**Dr. Nakul Ramanna,**

Professor and Head, Department of Civil Engineering, Presidency University, Bengaluru, and Mr. Niraj Maluwa, Research Scholar, Department of Civil Engineering, on being awarded the 'DGCA-certified Remote Pilot Certificate (RPC) training for small class drones' (up to 25 kg payload) after completing the 'One Week Training and Orientation Program on Drone Technology' organized by Garuda Aerospace Pvt Ltd, Chennai, Tamil Nadu, from May 12-18, 2025, at the facility. The certified pilots can now operate professional-grade survey drones and agricultural drones and contribute to the consultancy and training efforts of the Center for Advanced Survey and Photogrammetry, Department of Civil Engineering, and outreach activities of the ISR cell, Presidency University.



**We would love to hear from you.**

**Please send your feedback to [editor@presidencyuniversity.in](mailto:editor@presidencyuniversity.in)**



## The Presidency Alumni



Each month, Kaleidoscope features an exclusive section dedicated to Presidency University alumni.

## Soaring high



Since graduating from Presidency University, my academic and personal journey has been incredibly transformative. I'm currently pursuing a master's in Data Science at George Washington University in Washington, D.C., and recently secured a Summer 2025 Research and Data Internship with Jubilee Housing, a non-profit committed to affordable housing and social equity. I'm excited to contribute to their mission by applying analytical thinking and research-driven insights to help understand and address housing-related challenges in urban communities. This milestone feels particularly meaningful as it connects my academic foundation with the kind of social impact I've always hoped to make.

Looking back, one of the most pivotal moments in my undergraduate journey came through Presidency University's International Internship Pilot Program (IIPP). I still vividly remember how multiple professors from different universities abroad reached out through the platform. The University gave me the autonomy to explore each of these offers while offering constant guidance and clarity whenever I needed it. After thoughtful conversations with my professors and considering the academic alignment and global exposure, I chose to pursue a research internship at National Central University, Taiwan. That decision changed the trajectory of my undergraduate experience.

The Taiwan internship turned out to be more than just a research opportunity—it became a life-changing experience. I immersed myself in an international environment where I worked alongside faculty and students from diverse cultural and academic backgrounds, including European exchange students. It wasn't just about research—I learned to live independently in a new country, share stories with people from different walks of life, and even discovered a new passion: rock climbing. Our evening climbs turned into moments of reflection and bonding, and I slowly began to appreciate how growth often happens outside of our comfort zone. It helped me step into unfamiliar environments with openness and curiosity, both of which continue to shape how I approach life today.



None of this would have been possible without the incredible support I received from Presidency University. The International Office was exceptionally responsive and organized, guiding me through each step of the travel and visa process while always making sure I felt supported even when far from home. My professors were not just teachers—they were mentors. They encouraged me to aim higher, guided me with genuine care, and provided letters of recommendation that were instrumental in helping me secure both the Taiwan internship and my admission into graduate school. Their belief in me gave me the confidence to believe in myself. It's rare to find a college environment where you feel both challenged and cared for, but that is exactly what Presidency gave me—a space to grow without limits.

In the middle of academic pursuits, I also managed to complete my Bharatanatyam Arangetram during my second year, which was a deeply personal achievement. Balancing rigorous coursework with years of dance practice taught me discipline, patience, and inner strength. It remains one of the proudest moments of my undergraduate life, and I owe much of that balance to the understanding and flexibility shown by my mentors at the university. Presidency University is not just where I earned my degree; it's where I found my voice, my courage, and my vision. The values I carry with me today—curiosity, empathy, and resilience—were all shaped during my time there. I'm proud to be an alumna of a university that invests so deeply in its students, and I hope my journey inspires others to say yes to new opportunities, trust their instincts, and embrace the beautiful unknowns of learning and life.



## **Lasya Raghavendra,**

Batch of 2020,

Presidency School of Computer Science and Engineering



## Empowered Entrepreneur



I'm truly honored to be invited to contribute to a platform that celebrates the achievements of the Presidency University Alumni Association.

Since graduating from Presidency University, I've gained valuable professional experience and recently embarked on an entrepreneurial journey. Around four months ago, I founded Flex IT Solutions (<https://flexitsolution.com>), a company focused on delivering innovative and customized software solutions. Despite being a relatively new venture, we've successfully completed a number of impactful projects, including a logistics management system to streamline transport operations and CRM and admin dashboards tailored for business workflow automation, inventory and billing software for retail and service providers, and dynamic and responsive web development projects across various sectors. We're currently working on several large-scale solutions designed to address real-world challenges across industries. Alongside this, I continue to collaborate with early-stage startups and mentor aspiring developers in the tech community.



### **Mohammed Nooruddin Asrar,**

Batch of 2023, EEE,

Founder & CEO, Flex IT Solutions.

Website: <https://flexitsolution.com>



## **From gothilla to gotthu (don't know to know)**

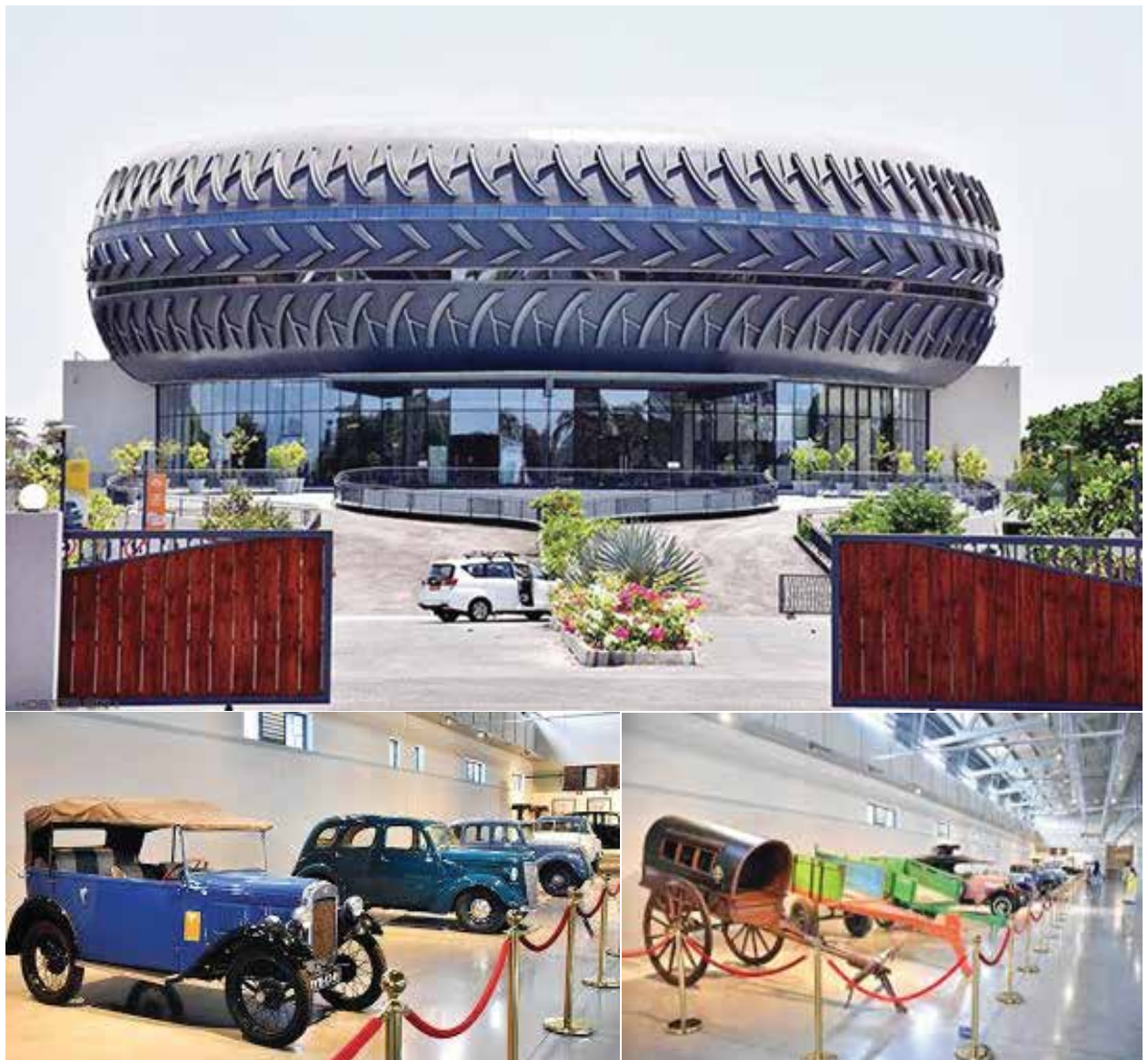
### **Simple Conversation**

1. Hegiddira? - How are you?
2. Chennagiddini - I'm fine!
3. Enu madthira - What do you do?
4. Eshtu - How much?
5. Ondhu kelasa maadi - Do one thing.
6. Sari sigona - OK, let's meet then.
7. Maja maadi / Enjoy maadi – Enjoy.
8. Ayta? - Is it done?
9. Sari Bidu - It's ok, leave it.
10. Tumba Chennagidhe. - It's very good.
11. Thanks again - Mattom'me dhan'yavadagalu.
12. How are you - Nivu hegiddiri?
13. I am fine - Nanu chennagiddene.
14. Take care – Jopana.
15. I'm sorry - Dayavittu Nannannu kshamisu/ kshamisi.
16. Good - Olleyadu
17. Congratulations – Abhinandanegalu.
18. Welcome - Swaagatha
19. Thanks - Dhanyavadagalu
20. Fine – kshema.



## Payana Car Museum

It is always a delight to visit museums and learn vintage history from them. 130 km from Bengaluru, as you cruise along National Highway 275, better known as the Bengaluru-Mysuru Expressway, you will come across a unique building sporting a huge car tire, which is none other than the Payana Car Museum. Opened to the public in April 2024 and created by the Dharmadikari of Dharmasthala, Dr. Veerendra Heggade, a car aficionado, it displays a collection of vintage cars, all from the personal collection of the Dharmadikari. Spread over 23 acres, the museum houses 69 vehicles and serves as a knowledge hub for automobile technology, attracting students and visitors alike to learn more about the rich history of the automobile sector.



Trivia





## The Team

**Mr. Salman Ahmed – Chief Patron**

**Dr. Akila S Indurti – Editor**

**Mr. Abdulla T A – Designer**

**Mr. Pingal Chanda – Photographer**

Kaleidoscope wishes to thank all those who have contributed to this edition of the magazine.





# **PRESIDENCY KALEIDOSCOPE**

