SIEGER

partnering progress

CONNECT

VOLUME 1 | ISSUE 1
AUGUST 2025

Automate I Elevate I Progress

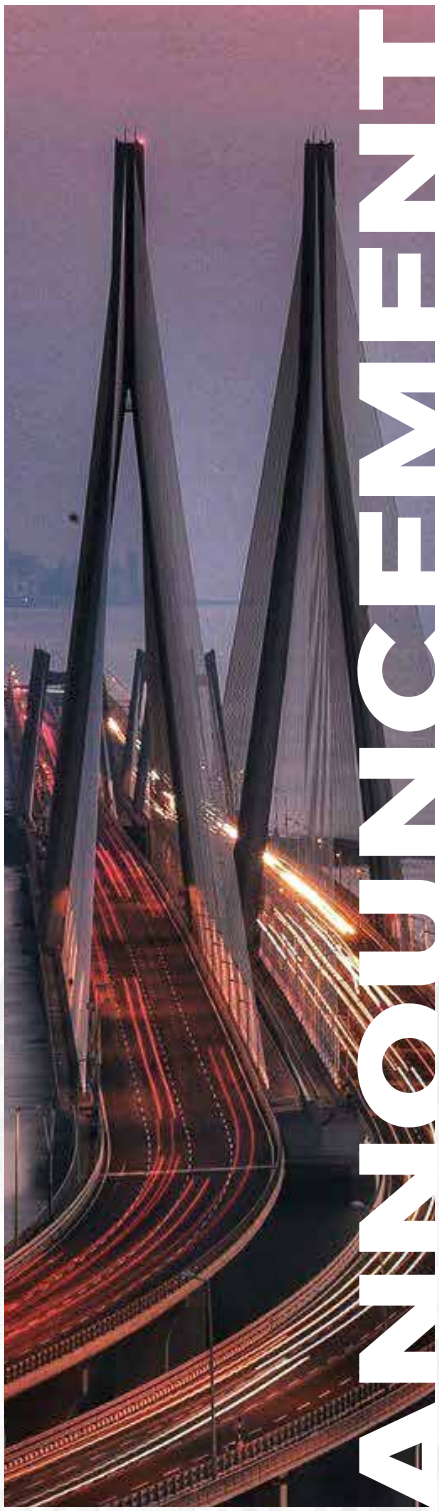
Dear Stakeholders,

It gives me great pleasure to introduce our newsletter – Sieger Connect! This is yet another medium through which we will be communicating with you. Sieger Connect will have all updates about Sieger and its people. We would be sharing our milestone achievements, professional challenges and how we worked together to overcome these. Just like you, I am keen to see how this initiative evolves! I wish Sieger Connect to become a knowledge sharing platform, not just among our colleagues but also among our counterparts and customers.

Sieger is more than three decades old and we have many stories to share about this fantabulous journey. It is a matter of immense pride for me when I see Sieger's growth into a global automation solution provider, now. Our DSIR certified R&D centre and highly advanced IoT connected manufacturing facilities are catalyzing our growth in the automation sector.

Team Sieger works with the single intent of manufacturing products which add value to the customers in all aspects and that explains our fast-growing customer base globally. We have always worked towards the goal of innovation through automation and we are committed to being the customers' dependable partner in progress, always!

Radhakrishnan G
Managing Director, Sieger



Our new office in **Mumbai**

Sieger Parking has expanded its footprint to Western India with the opening of a new regional office in Mumbai. This marks a pivotal milestone in Sieger's pan-India growth strategy and commitment to delivering space efficient, tech-driven parking solutions across the country.

The new Mumbai office will serve as the regional hub for Maharashtra and neighbouring western states. With dedicated sales, project management, and service teams now stationed locally, Sieger aims to accelerate project execution timelines, deepen engagement with developers and municipal bodies, and provide fully integrated parking solutions tailored to the urban challenges of Western India.

"Our Mumbai office empowers us to deliver localized, tech-driven parking solutions tailored to Western India's urban landscape. From high-rise buildings to smart city projects, we bring bigger Innovation to limited space," said **Mr. Antony Parokaran, Director – Sieger Parking.**

As part of the expansion, Sieger has already deployed new hires in sales and engineering roles in Mumbai to support client consultation, system design, and onsite coordination. The company's technology portfolio — powered by two decades of homegrown R&D — includes modular fully automated high-capacity towers, Shuttle parking systems, rotary parking and puzzle - parking

"Expanding into Western India marks a major milestone for Sieger Parking. Our Mumbai office enables us to deliver faster, more customized parking solutions be the automated, multi-level, or rotary systems—tailored to the unique demands of this dynamic market. Backed by our strong technology and proven R&D, we are fully equipped to support urban developers, architects, & municipalities in addressing space constraints with cutting edge innovation. This region is ready for next generation parking, and Sieger is eager to lead the way," said **Mr. Ashwin Karivaradaraj, Director – Operations, Sieger Global.**

The company also plans to open a regional demo & training centre in Mumbai & will host workshops for architects, builders, & city planners to showcase its systems. With 10,000+ car space installations across the country — Sieger continues to redefine how India parks in a space constrained world.

Smart Logic: Parking Automation Series

Curated series of engineering excellence in parking automation

Revolutionizing Urban Parking in T. Nagar, Chennai with Sieger Rotary Systems

We have so many stories to share with you and in this segment, let's focus on two of our prestigious projects, in this first issue of our newsletter.

Challenge: The shopping hub of Chennai, T Nagar - is as well known for its cramped lanes, limited parking and chaos as much for its unique shopping experience. With ever increasing number of vehicles & pedestrians, traditional parking solutions had become obsolete.

Solution: To cater to the needs of the general public and to give them peace before & after shopping, Sieger installed its smart, space-efficient Rotary Car Parking System – designed specifically for dense urban localities. This fully automated solution where the focus is on vertical development, offers a compact footprint, while also significantly increasing vehicle capacity. Sieger Rotary Car Parking System can accommodate all types of cars including hatchback, Sedan & SUV. The fact that the system ensures smooth, driverless retrieval with minimal wait time makes it an instant hit.

Each unit was engineered & manufactured in Sieger's advanced facility, undergoing strict quality control and precision assembly. Thanks to its modular design & streamlined logistics, installation was completed efficiently on-site with minimal disruption to the busy neighbourhoods.

The deployment included 12 rotary units, unlocking 144 parking slots in a space that would traditionally accommodate only three. Cars can be retrieved in under 90 seconds, improving user convenience and traffic flow. Features like touchscreen operation and in-built safety sensors elevated the overall experience.

Outcome: Sieger's rotary system is proving to be more durable & operationally efficient. What more, it does also aesthetically please the people! One feature which needs special mention is that this system has better noise insulation which is great news for people in the neighbourhood. This project has cemented our position as a leader in automated parking solutions and we are all set to give this rotary parking solution to hospitals, metro stations, malls and government buildings in the coming years.

We stand steadfast in our commitment in reshaping urban infrastructure through technology-driven, reliable parking solutions that enhance lifestyles.

Flow Logic: Textile Automation Series

Curated series of engineering excellence in textile automation

End-to-End Yarn Handling and Storage with Pallets

Challenge: Our client wanted to produce 35,000 kgs per day across 22 different yarn varieties, which is no easy task but Sieger known for elevating efficiency in Yarn handling and storage made it possible.

Solution: We deployed a complete TMD solution that included C2C (Cone-to-Container), RTS (Roving Transport System), and YCP (Yarn Conditioning Plant) with preconditioning. After yarn processing through YCP, each pallet was stretch-wrapped and automatically transferred to a high-density storage warehouse for streamlined logistics.

For an operation of this magnitude, we designed and installed a fully automated pallet storage system featuring an ASRS (Automated Storage and Retrieval System) and dual shuttle mechanism. Housed within a pre-engineered building, the structure reaches up to 40 meters in height and accommodates over 1248 pallets, each capable of holding up to 450 kgs of yarn.

Outcome: This project in Karnataka is a classic case in point of integrating advanced shuttle technology in the already existing system to ensure high throughput, reduced manual handling and precise inventory control.

The compact vertical design optimizes space while supporting heavy loads and continuous operations. Every step–right from production to storage–is automated for safety, speed and efficiency.

Sieger's automation solutions can be scaled as per production demands, minimise errors and bring lasting value to modern textile operations through intelligent warehouse design and end-to-end material flow automation.

Success Chronicles

Documenting milestones achieved through partnership and innovation.

LS spinning mills was earlier known as LS mills. We stand for quality and give the best possible yarn in the market. Automation was the necessity of time and we wanted to go for automation because of the recurring labour issues we faced. We started looking for an indigenous player. We approached Sieger and the team was very helpful, giving us a complete package & providing the best automation ahead of time.

We have a bobbin transport system, cone transport system, complete yarn packaging system, preconditioning and conditioning and lap transport system. Our quality has improved multifold because of automation. There is no labour handling the product. We give the yarn only for wrapping and so the elongation ratio is better. We have a long association with Sieger. The brand is known for its user-friendly systems and their products are running smoothly without any trouble."

Harshavardhanaa P

Managing Director, L S Spinning Mills Pvt Ltd
Coimbatore, TamilNadu, India

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The Horizon View

Insights from thought leaders driving tomorrow's technology

Emerging Technologies in the Spinning Industry: Steering the Next Frontier

Er. GANESH MUTHIAH, B.TECH., PGDBA, FIE, FIV Master Black Belt – LEAN SIX SIGMA

The global spinning industry stands at a critical juncture. Faced with volatile raw material prices, growing sustainability mandates, labour shortages, & rising customer expectations for quality and traceability, our industry is compelled to rethink traditional manufacturing. As a CXO of a vertically integrated textile enterprise, I believe the answer lies in embracing emerging technologies that are reshaping how yarn is produced, managed and delivered

Automation and Robotics: Moving from Labor-Intensive to Smart Operations

Automation in the spinning process is not new, but recent innovations have made it far more intelligent and integrated. Auto doffing, automatic cone packing, and robotic bale management are now commonplace in world-class mills. However, newer robotic systems powered by AI and vision sensors are enabling real-time defect detection and yarn grading at speeds previously unimaginable.

Smart card-controlled machinery, integrated with centralized monitoring systems, is allowing floor supervisors to manage hundreds of machines remotely with real-time performance data at their fingertips. This shift is not only improving productivity and reducing downtime but also minimizing human errors and skill dependency — a growing concern in many textile hubs today.

Artificial Intelligence (AI) and Machine Learning (ML): The New Brains of the Mill

AI and ML are transforming quality control from reactive to predictive. Spinning mills are now using AI-based systems to analyse fiber properties, optimize mix ratios, and predict machine behaviour before faults occur. For instance, AI-enabled blow room management can adapt settings dynamically based on trash content or fiber length variation.

Predictive maintenance powered by machine learning algorithms is helping us pre-empt spindle failures, motor overheating, and abnormal yarn tension—well before they escalate into costly breakdowns. These tools are not only reducing maintenance costs but also extending equipment life and ensuring consistent yarn quality.

IoT and Industry 4.0 Integration: Connecting the Dots

The Industrial Internet of Things (IIoT) has begun knitting together every machine and process in the spinning value chain. With embedded sensors in cards, combers, ring frames, and autoconers, we can now track parameters like energy consumption, humidity, temperature, and vibration in real time.

Cloud-based dashboards and mobile apps allow plant managers to oversee multiple units across geographies, benchmark productivity KPIs, and respond to deviations instantly. This hyperconnectivity fosters agile

decision making, better inventory control, and more responsive customer service.

More importantly, data gathered from IoT systems is creating a digital backbone for traceability — enabling mills to offer blockchain-based fiber-to-fabric tracking demanded by global brands.

Advanced Fiber Management: Unlocking Value from the Raw Material

Fiber remains the most critical input in spinning, often representing 60–70% of yarn cost. Technologies such as digital bale management, advanced HVI (High Volume Instrumentation), and online nep/short fiber monitoring are now allowing mills to finetune fiber selection with surgical precision.

Blending software powered by neural networks is helping optimize USTER values and yarn evenness for specific end uses. Some spinning units are even trialing AI-based "fiber fingerprinting" to ensure authenticity and detect adulteration — a critical need in high value organic and recycled cotton yarns.

Sustainable Spinning Tech: Greener by Design

Sustainability is not an afterthought anymore it's a strategic imperative.

Emerging technologies are helping reduce the environmental footprint of spinning at multiple levels. New compact spinning systems with energy-efficient suction, ring frames with servo drives, and real-time waste mapping are drastically reducing power and material losses.
Digital twin models of spinning operations are enabling mills to simulate process changes and optimize energy usage. Further, solar-powered units, zero-liquid discharge (ZLD) systems, and circular economy platforms are aligning spinning operations with ESG (Environmental, Social, and Governance) goals.

Additive Manufacturing and Functional Yarn Design

An exciting frontier is the intersection of spinning and material science. With growing demand for performance textiles, mills are beginning to invest in technologies that can incorporate functional finishes or specialty additives directly into yarns during spinning.

Nanoparticle-infused yarns for antibacterial properties, phase-change materials for thermal regulation, and recycled polymer blends for sustainability are redefining what a simple yarn can do. These innovations are not only creating product differentiation but also unlocking new customer segments across activewear, medical textiles, and technical fabrics.

The Road Ahead

The transformation of the spinning industry is no longer a question of if, but when and how fast. As CXOs, our role is to drive a culture that embraces innovation while staying rooted in operational excellence. The future mill will not just spin yarn — it will spin data, sustainability, and customer insight into every hank.

However, technology is not a silver bullet. The real differentiator lies in how we integrate these tools into our workflows, upskill our people, and build a resilient digital foundation that can evolve with market dynamics. As we look ahead, partnerships between technology providers, fiber producers, academia, and spinners will define who leads and who lags in this new era.

In this transformative journey, the spinning industry has a once-in-a-generation opportunity to reinvent itself — faster, smarter, greener.

Faces of Sieger

Meet the individuals shaping our success and culture

Joining Sieger has been one of the best decisions of my life. It has been more than 8 years since I joined and every day feels new and fresh. I am no more a design expert alone. Today, I am a project manager and I am extremely proud about this growth.

As a project manager, I have been empowered to take bold decisions and that has helped me evolve as a professional. There have been hours spent on new R & D, new projects and new customers. My work in different product lines – multi level car parking, ASTOR, Plate smart – opened up new avenues for me to hone my skills, while I also offered the best of knowledge and expertise to the organisation.

The best thing about working here is the atmosphere where everyone is allowed to express themselves without the fear of being judged. We have been tuned to develop open mindedness and I personally find it very easy to discuss personal or professional issues with the top management.

With a mechanical engineering background, I have a total experience of 16 years and the last few years has been rewarding and fulfilling. I wish to become a part of the first rung of leaders in the organisation just as I wish Sieger car parking to join the 500C club soon.

Maheshwaran R P

HR Central

Your central hub for all Sieger HR Updates

> He who learns but does not think, is lost! He who thinks but does not learn is in great danger
>
> -**Confucious**

Sieger is growing fast and so is our employee strength. To keep pace with our ambitions, it is paramount that our employees stay updated and upskilling. We, as an organistion, understand the importance of learning and development and we have measurable metrics that link learning outcomes to tangible business results.

We focus on learning and development not just for Sieger as a whole but for the benefit of each individual. We believe that knowledge empowers them and ups their confidence levels. Whenever programmes are conducted for the employees' development, we have parameters to check how much skill is acquired by the individuals.

Over the years, we have tried, tested and understood that learning and development programmes or initiatives is helpful not just for the employees, it leads to noticeable results in customer satisfaction and revenue realisation.

There are employees who look out for such developmental initiatives and these lead to job satisfaction and in turn improve organisatioal success.

Here is the list of benefits that arise out of L&D

- There is more employee retention.
- Improved organisational performance.
- We are able to stay competitive in the market.
- Improved customer satisfation, increased revenue and overall success.
- Employees stay updated about industry trends, new technologies & best practices

At Sieger, we conduct learning and development programmes at regular intervals for each department bringing in industry and subject experts. We are always on the lookout for opportunities to hone the skills of our employees.

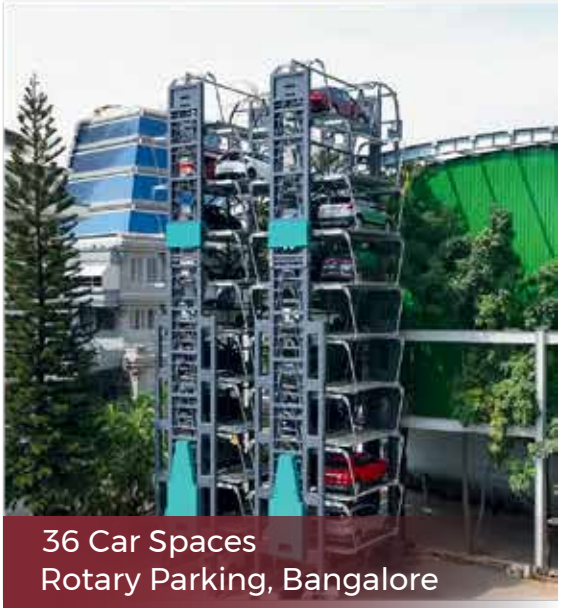
Fresh Off The Lot : Parking System

152 Car Spaces
L-Cart Tower Parking, Coimbatore

36 Car Spaces
Rotary Parking, Chennai

108 Car Spaces
Rotary Parking, Chennai

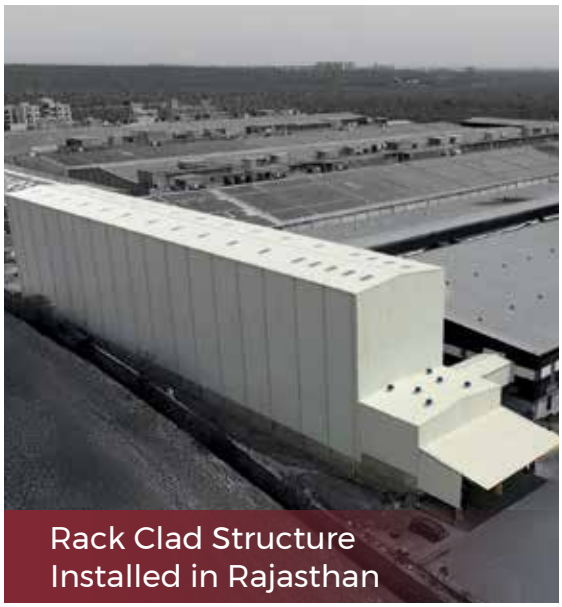
36 Car Spaces
Rotary Parking, Chennai



36 Car Spaces
Rotary Parking, Bangalore

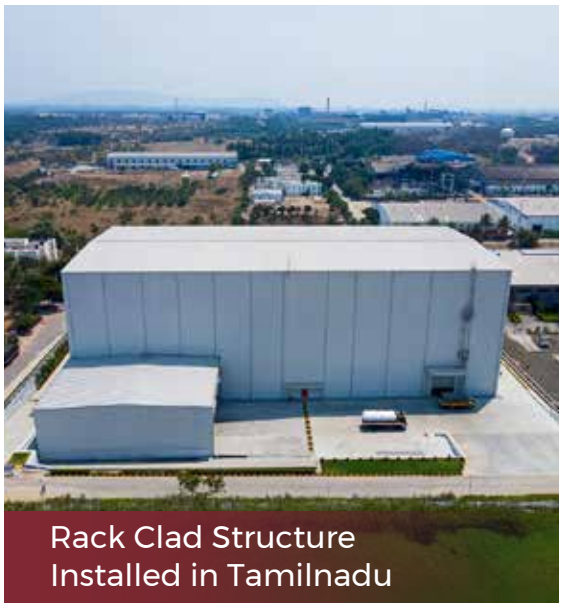
CPS

Fresh Off The Rack : Warehouse Automation



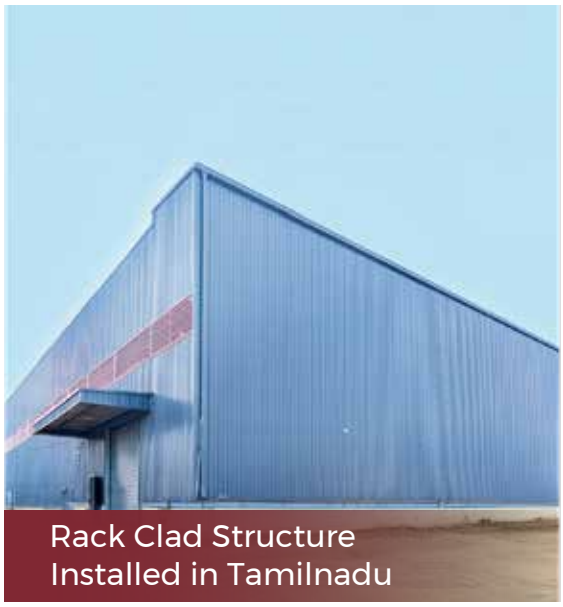
Rack Clad Structure
Installed in Rajasthan

30,300+ Individual Fabric
Roll Storage

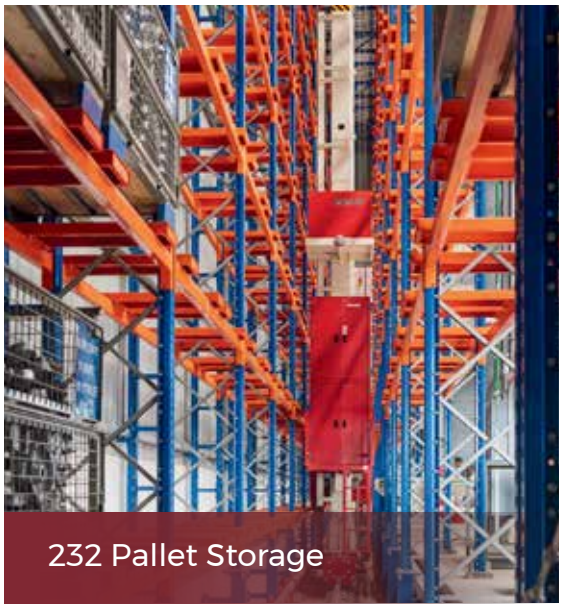


Rack Clad Structure
Installed in Tamilnadu

2,000+ Fabric Roll &
Pallet Storage



Rack Clad Structure
Installed in Tamilnadu



232 Pallet Storage

ASTOR

Fresh Off The Loom : Textile Automation

Cone Transport System
Installed in Tamilnadu

RTS (Roving Transport
System) for 66,384 spindles

Cone to Container
Installation in Tamilnadu

Cone to Container
Installation in Russia

RTS (Roving Transport
System) for 23,712 spindles

TMD

Inside Sieger

Futuristic

Sieger Global entered into a Memorandum of Understanding with Sri Ramakrishna Engineering College, Coimbatore, Tamil Nadu in May 2025. This collaboration aims to co-develop practical engineering solutions with a strong focus on automation and industrial innovation.

Customer Centric

Sieger Global went live with Salesforce Service Cloud & Field Service Lightning in June 2025 in an effort to streamline service and field operations. Team Sieger is looking forward to smarter service and stronger customer experiences.

Inside Sieger

Industrial Visit

A total of 108 students from Shantiniketan Public School, Theni, Tamil Nadu accompanied by 4 faculty members paid a visit to Sieger Factory at Coimbatore in June 2025. The students gained exposure to modern industrial practices, cutting-edge technologies, and real-world applications of engineering.

Digital Footprint

The official LinkedIn page of Sieger global reached 10,000 followers mark on June 23th, 2025 standing testimony to the brand we have built so passionately and the superior products that are being offered.

Inside Sieger

Love For Our Team

Celebrating the birthdays of team members every month is an event we look forward to. In May, 20 people celebrated their birthdays and we had a great time creating memories and spreading happiness.

Answer **Scroll!**

1. Car Parking Systems, Textile Machinery Division, and Automated Storage.
2. In Coimbatore, Tamil Nadu.
3. 30+ years.
4. 17th January, 2025!
5. 1994
6. GKMN Hospital, 342 cars 5-Level Intergrated puzzle parking system
7. 144 Carspaces
8. 2019
9. CE certified
10. Sri Ramakrishna Engineering

Put Your Thinking Hats On!

01 How many divisions does Sieger have?

02 Where is Siegerʼs manufacturing facility located?

03 How long has Sieger been in the automation industry?

04 When was the Mumbai office inaugurated?

05 When was Sieger YCP launched(Yarn Conditioning Plant)?

06 Which is the first installation of Sieger Parking?

07 How many Cars can be parked in the recently installed Rotary Parking at T. Nagar?

08 When did Sieger factory become 100% Paperless?

09 What certification do all Sieger products have?

10 Which college did Sieger sign an MoU with in June-2025?

How did you like the first edition of Sieger?

Send in your suggestions, comments and feedback to digitalmarketing@siegerglobal.net

Have you experienced an emotional moment while at work? Have you laughed your heart out at something hilarious that happened at work?

Connect with Mr. Ramenaathan. K. A, DGM - Marketing and we will feature you in the next edition.

Credits

Editorial Team

Mr. Ramenaathan. K. A
DGM - Marketing

Mr. Karthick. R
Marketing Specialist

Ms. Preetha Kadhir
Conceptualisation & Content Strategy

Ms. Kavya. M
Digital Marketing Executive

Mr. Kavin Raj. A. G
AM - Digital Marketing

TheDotStudios
Newsletter design