

Volume 01

19 April 2025

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VIOLIN TECHNOLOGIES

The Factory Insider

VIOLIN OFFERS



Manufacturing Services

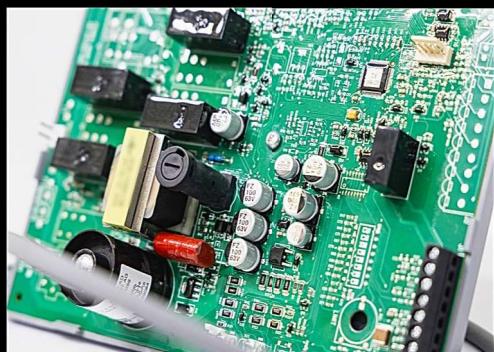


Engineering Services



Sourcing Services

Violin's Capabilities Include



PCB



Cable & Wire Harness



High Level Assembly



Tooling



Machined Components



Metal Fabrication

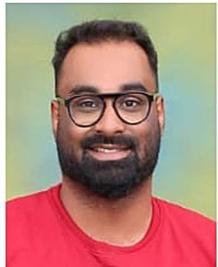


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VIOLIN TECHNOLOGIES
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Violin Technologies's first edition of newsletter
" The Factory Insider ", published on 19th April 2025



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The views expressed in this news letter are not necessarily those of Violin Technologies. This is not a priced publication. Edited and published by **Mr Rajesh.G , Director - Business Development**

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**The
Factory
Insider**

VOLUME 01

MESSAGE *from* the President

As we look to the future, we are deeply committed to the next phase of our journey, which will be marked by strategic growth, increased efficiency, and continued excellence.

Expansion into New Markets

We believe that growth is not just about doing more of what we've already done, but about doing it in new and innovative ways. We are exploring new geographical and industrial markets, both emerging and developed, where we see opportunities to apply our expertise and deliver our products and services to new customers. This would also include strategic partnerships and acquisitions.

Innovation and Technology

In today's rapidly evolving landscape, staying ahead of the curve is not optional—it's essential. That's why we're doubling down on innovation. We will continue to invest heavily in research and development, integrating the latest technologies that will allow us to improve our offerings, increase our operational efficiency, and create better customer experiences. From AI-driven solutions to cutting-edge manufacturing processes, we are committed to staying at the forefront of technological advancements.



“

Violin Started as cable assembly manufacturer with 4 people. Currently we are a fully integrated EMS with 1000+ people.

”

Balaji.R

Operational Excellence

Behind every great growth story is a commitment to operational excellence. We will continue to optimize our processes, improve our supply chain efficiency, and leverage data to make smarter, faster decisions. By streamlining operations, we will improve margins, enhance customer satisfaction, and build a more scalable organization ready for future challenges.

Talent Development and Organizational Culture

Our greatest asset is our people. As we grow, we will be focused not only on attracting top talent, but also on empowering our current teams with the tools, resources, and leadership they need to thrive. A key part of our growth will be in creating a culture of continuous learning, innovation, and inclusivity. We want our employees to feel inspired by our vision and motivated to push boundaries in everything they do.

Sustainability and Social Responsibility

Growth without responsibility is growth that doesn't endure. Our commitment to sustainability is woven into the fabric of our strategy. We are enhancing our efforts to minimize our environmental footprint, adopting cleaner technologies, and building a more circular economy. Additionally, we will continue to expand our social responsibility initiatives, ensuring that as we grow, we lift the communities around us and invest in the well-being of our employees and partners.

“

Our company has always been defined by its resilience, innovation, and a relentless drive to create value — not just for our stakeholders, but for the communities we serve.

”



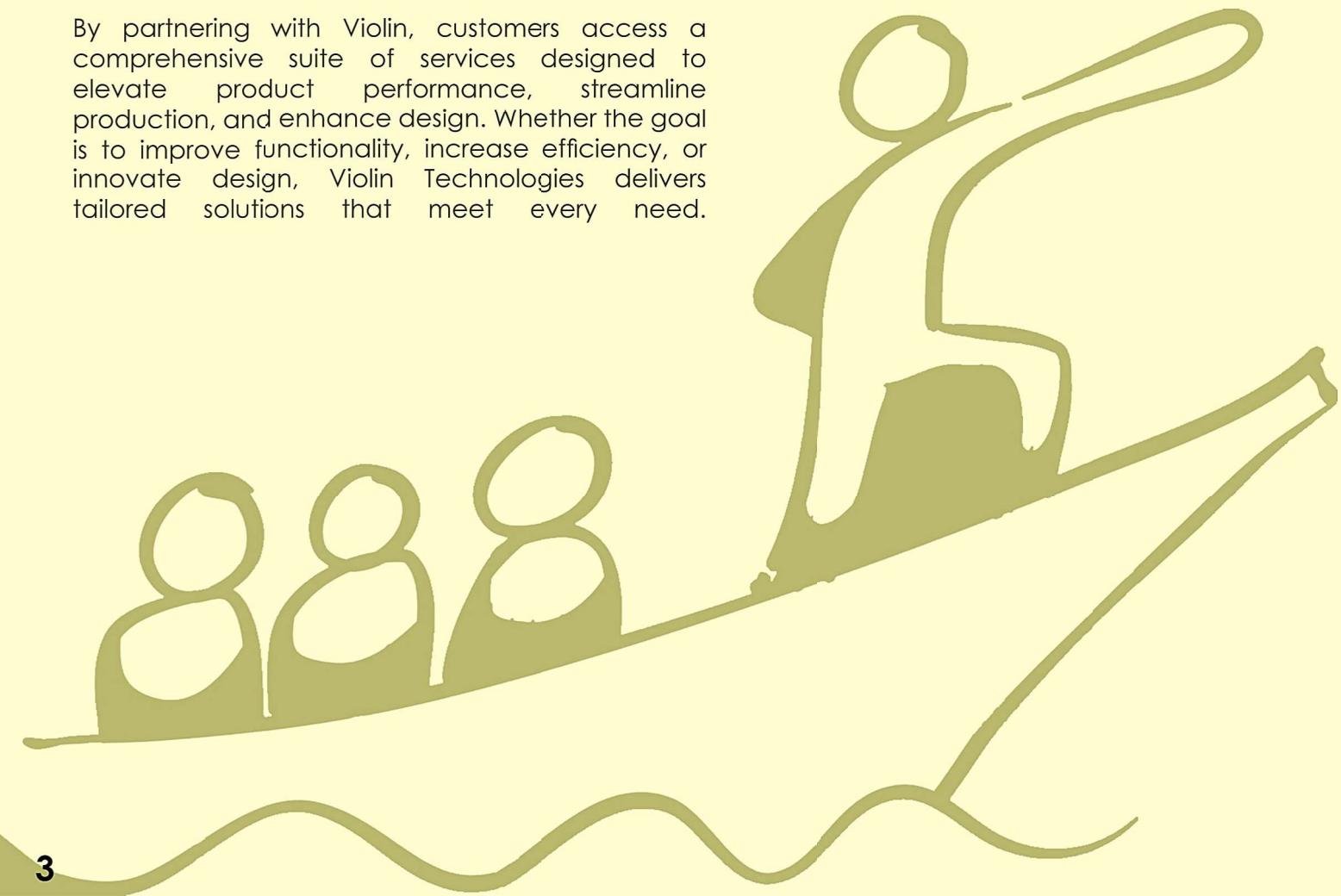
SIGNATURE DISTINCTION OF VIOLIN

Violin Technologies specializes in delivering advanced engineering expertise & comprehensive manufacturing and sourcing solutions across diverse industries. Committed to quality, innovation, and value creation, Violin optimizes performance, reduces costs, and enhances customer satisfaction. By building lasting partnerships, the company consistently sets new global benchmarks.

With a mission to drive global innovation, Violin Technologies provides precise, reliable, and sustainable manufacturing solutions. Leveraging cutting-edge technologies, fostering strong partnerships, and prioritizing sustainability, the company strives to exceed client expectations while shaping the future of the manufacturing industry.

As a trusted leader in contract manufacturing, Violin is dedicated to refining processes and integrating the latest technologies at every production stage. This ensures products that not only meet but surpass the highest standards of quality and usability.

By partnering with Violin, customers access a comprehensive suite of services designed to elevate product performance, streamline production, and enhance design. Whether the goal is to improve functionality, increase efficiency, or innovate design, Violin Technologies delivers tailored solutions that meet every need.





Article by **Rajesh.G**
Director Business Development



Innovative Offerings and Strategic Segmentation are two key elements that businesses often focus on to drive growth, increase market share, and ensure long-term sustainability. When businesses combine innovative offerings with strategic segmentation, they can Tailor solutions to specific segments, Increase Customer loyalty and Optimize resource allocation.

Violin Technologies showcases a range of innovative solutions designed to meet diverse industry needs, emphasizing quality, precision, flexibility, and efficiency.

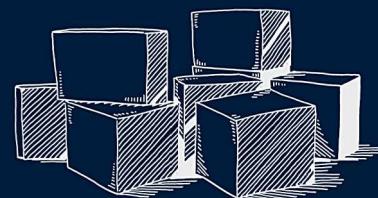
1**Tailored Solutions****2****Diverse Manufacturing Capabilities****3****Lean Manufacturing Principles****4****Engineering Excellence****5****Integrated Sourcing & Vendor Management****6****Sustainability & Compliance**

Tailored Solutions

Dedicated customer focus teams for sourcing, manufacturing, engineering, quality, logistics, and production.

Customized product lifecycle management with opportunities for Value Analysis and Value Engineering (VAVE).

In-person weekly and quarterly business reviews (QBRs) to ensure alignment with client goals.



Diverse Manufacturing Capabilities

Violin specializes in complex and innovative electro-mechanical products tailored for industrial, medical, foodservice, mobility, green energy and aerospace sectors.

Core capabilities include

High Level Assemblies & Box Builds

PCB Assemblies

Precision Machined Components

Cable and Wire Harness Assemblies

Sheet Metal and Stamped Parts

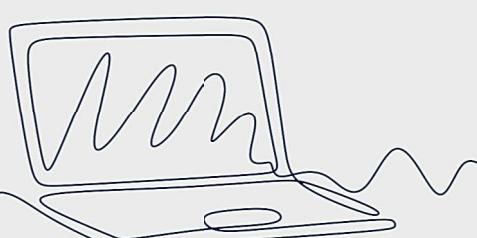
High-Level Assembly (HLA) and Box Build for complex, high-mix, low to high volume projects.

Precision machining using advanced technologies like Multi-Tasking and Multi Axis (3 to 9 axis) machines and EDM wire cutting. Emphasis on small-batch, personalized production caters to specific customer needs, enhancing their appeal in niche markets.

Lean Manufacturing Principles

Adoption of lean manufacturing to minimize waste and enhance productivity.

Advanced Product Quality Planning (APQP) ensures the prevention of production issues while maintaining top-tier quality.



Engineering Excellence

Cutting-edge computational and simulation tools like CFD and FEA for robust product design.

Support for digital transformation with CAD re-documentation, 2D to 3D conversions, and custom CAD configurations.

Comprehensive engineering services such as CAD/CAM, reverse engineering, prototyping, and tooling to accelerate time-to-market.

Manufacturing and quality engineering services ensure process optimization, tool design, and stringent quality control.

Integrated Sourcing and Vendor Management

Consolidating vendor relationships for streamlined operations and cost-effectiveness.

Emphasis on strategic partnerships to foster innovation and improve service levels. Standardized processes to ensure seamless integration across all operations.



Sustainability and Compliance

Environmental management certified by ISO-14001 reflects their innovative approach to sustainable manufacturing.

Strong ethical guidelines and a focus on regulatory compliance ensure adherence to global standards.

Commitment to green energy initiatives and clean manufacturing practices.

Compliance with high-quality standards like AS9100, ISO 13485, and others tailored to industry needs.

Strategic segmentation is the process of dividing a broad market into smaller, more manageable segments, with the goal of targeting them with tailored marketing efforts, product offerings, and services.

Target Sectors

Primary focus on industrial, medical, aerospace, foodservice equipment, renewable energy and mobility sectors ensures a targeted market strategy aligned with high-value industries.

Current customer base ranges

From Space Crafts to Metro Rail

From Microwave Ovens to CNC machines

From Robots to Factory Automation

Geographic Reach

Based in Chennai, India, with an extensive global presence, including sales offices in the USA and a warehouse in Illinois, to cater to international OEMs.

Client-Centric Approach:

Tailored product development and contract manufacturing align with specific client objectives, enhancing customer satisfaction and loyalty.

Value-Driven Strategy

Services like end-to-end sourcing, logistics solutions, and engineering support create a one-stop-shop for clients, ensuring efficiency and cost savings.

Quality-Centric Positioning

Prominence on quality assurance and continual improvement establishes trust and reliability among high-demand clients.



Violin Technologies effectively segments its services to cater to various industries, providing specialized offerings

Aerospace & Defense

Certified by AS9100D for aviation and space manufacturing.

Expertise in complex assemblies, ground tactical systems, and space-flight components.



Medical Devices

ISO 13485-certified manufacturing of high-reliability medical devices.

Cleanroom assembly and customized packaging solutions.



Industrial Manufacturing

Precision-engineered components for industrial applications.

Comprehensive sheet metal fabrication and stamping for diverse needs.



Mobility Solutions

Advanced cable and wire harness assemblies are essential for automotive and mobility innovations.

Scalable solutions to adapt to evolving industry trends



Food Equipment

Compliance with NSF, UL, and CSA certifications for safe and durable food processing equipment.

End-to-end assembly and sub-component manufacturing services.



Violin's innovative product offerings and strategic segmentation enable it to serve a diverse clientele while maintaining a strong focus on quality, sustainability, and customer satisfaction. Its blend of manufacturing expertise, lean principles, and ethical practices positions it as a leader in the electro-mechanical manufacturing industry.

EMERGING VERTICALS & NEW PROJECTS

Contract manufacturing (CM) has long been a cornerstone of global industries, offering businesses the ability to scale production without investing heavily in infrastructure. While traditional sectors such as automotive, electronics, and pharmaceuticals dominate CM, emerging verticals are rapidly gaining momentum. These new areas are driven by evolving consumer preferences, technological advancements, and the push for sustainability. Below are some key emerging verticals for contract manufacturing.

ELECTRIC VEHICLES (EV's) & BATTERIES

- **Market Drivers:** The global shift toward electric mobility, spurred by government incentives and sustainability goals, has fuelled demand for EVs and energy storage solutions.
- **Opportunities:** CM firms are partnering with EV startups and established automakers for manufacturing components such as battery packs, electric motors, and charging infrastructure.
- **Challenges:** High regulatory standards and the need for advanced materials expertise.



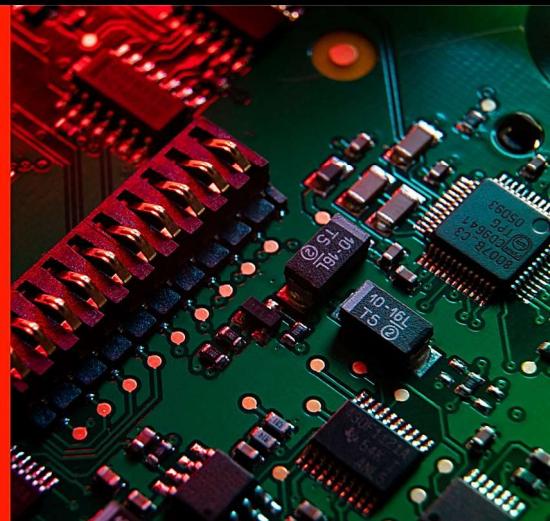
RENEWABLE ENERGY & GREEN TECHNOLOGIES

- **Market Drivers:** Transition to renewable energy sources like solar, wind, and hydrogen, along with carbon-neutral technologies.
- **Opportunities:** Manufacturing of solar panels, wind turbine components, and equipment for green hydrogen production.
- **Challenges:** High upfront investment in technology and stringent environmental compliance.



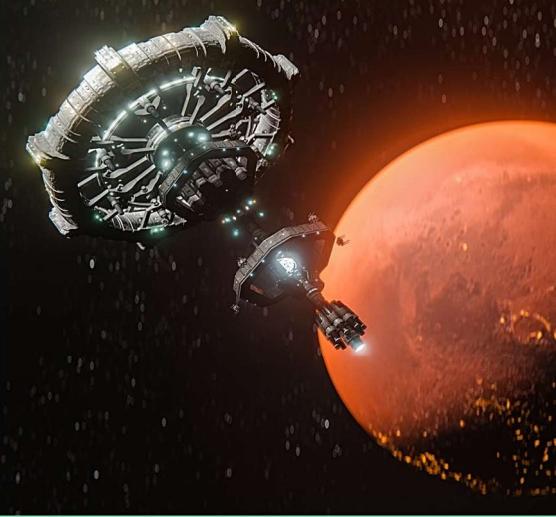
ADVANCED ELECTRONICS & SEMICONDUCTOR COMPONENTS

- **Market Drivers:** Demand for advanced electronics in AI, IoT, and 5G applications.
- **Opportunities:** Production of microchips, sensors, and other high-precision components, particularly for industries like healthcare, aerospace, and telecommunications.
- **Challenges:** Geopolitical issues in semiconductor supply chains and rapid innovation cycles.



AEROSPACE & SPACE TECHNOLOGIES

- **Market Drivers:** Increased investment in satellite technology, space exploration, and private aerospace ventures.
- **Opportunities:** Production of satellite components, aerospace parts, and ground support equipment.
- **Challenges:** Stringent quality control and the need for specialized manufacturing capabilities.



MEDICAL DEVICES & WEARABLES

- **Market Drivers:** Growing demand for remote healthcare solutions and health monitoring.
- **Opportunities:** CM firms are increasingly producing wearable devices, diagnostic tools, and other healthcare innovations.
- **Challenges:** Compliance with medical device regulations and data security for connected devices.

ROBOTICS & AUTOMATION

- **Market Drivers:** The proliferation of automation in manufacturing, logistics, and service industries.
- **Opportunities:** Assembly of industrial robots, robotic arms, and automation solutions for diverse industries.
- **Challenges:** High precision and customization requirements.



The rise of these emerging verticals underscores the evolving landscape of contract manufacturing. To remain competitive, CM providers must adapt by investing in cutting-edge technologies, meeting stringent regulatory requirements, and aligning with the sustainability goals of their clients. These verticals offer tremendous growth opportunities, but success will depend on innovation, agility, and strategic collaboration.



EXPANSIONS & ENHACEMENTS



Aiming for growth and new customers, Violin is expanding its manufacturing space by an additional **65,000 sq. ft.** The new facility will be located in India's first integrated business city, **Mahindra World City, which spans 1,550 acres.**



Violin onto EMS

Violin is adding 2 SMT lines & backend assembly operations for carrying out post SMT Box build operations. Our SMT line configuration is designed for customers across various segments. The line configuration can be scalable as per the customer volumes and complexity requirements





New Global Sourcing & Engineering Services Office in Pallavaram, Chennai

Violin Technologies has inaugurated a new global sourcing and engineering services office in Pallavaram, Chennai, marking a significant milestone in enhancing its design, development, and global supply chain operations. Strategically located in a key commercial hub, this office will streamline sourcing and procurement processes, ensuring seamless access to high-quality materials and components from around the world. With the addition of engineering services, Violin is now equipped to deliver end-to-end solutions, from concept to product, providing comprehensive support to its customers.



Inaugurating New Office in Coimbatore for Castings

Violin Technologies has officially inaugurated a new office in Coimbatore, dedicated specifically to the sourcing and management of casting parts. This strategic expansion aims to streamline the company's casting operations, providing enhanced support for our customers.



Violin Technologies: The Future of Smart Manufacturing

As part of its ongoing expansion and enhancement efforts, Violin is investing in 14 advanced Swiss screw machines and multitasking machines. This addition will further strengthen its manufacturing capabilities and support the delivery of high-precision components.

MAZAK CNC MACHINE - Revolutionizing Precision Manufacturing with Violin Technologies Starting in 2025,

VT will be playing a transformative role in enhancing the integration of powerful and versatile **MAZAK INTEGREX J-200 and INTEGREX 500U CNC machines**. Mazak's INTEGREX series has long been at the forefront of multi-tasking machining centers, and this next evolution will bring unparalleled precision, efficiency, and automation to industries ranging from aerospace to medical devices, automotive, and more.



Enhancing the CITIZEN Cincom L32-1M12

The **CITIZEN Cincom L32-1M12** is a leading sliding headstock-type CNC automatic lathe machine known for its exceptional precision, high-speed capabilities, and versatility in producing complex, high-precision components. As industries evolve and demand for smarter, faster, and more efficient manufacturing solutions increases,

Violin Technologies is stepping in to revolutionize the capabilities of the L32-1M12 starting in 2025. Through the integration of cutting-edge AI-driven solutions, predictive maintenance, and advanced automation,

Violin Technologies will push the boundaries of what this remarkable machine can achieve, offering manufacturers unprecedented performance and productivity.



PUMA V8300M Vertical Turnmill Center A New Era in High-Precision Machining

As manufacturing industries evolve and demand for smarter, faster, and more efficient production increases, Violin Technologies is pioneering the next generation of machining solutions.



Starting in 2025, Violin Technologies will introduce several advanced features to the PUMA V8300M, designed to optimize machining performance, minimize downtime, and increase overall productivity. These enhancements will make the machine not only more intelligent and automated but also more adaptable to the evolving needs of modern manufacturing environments.

Revolutionizing Robot Welding Machines

A New Enhancement in Industrial Automation

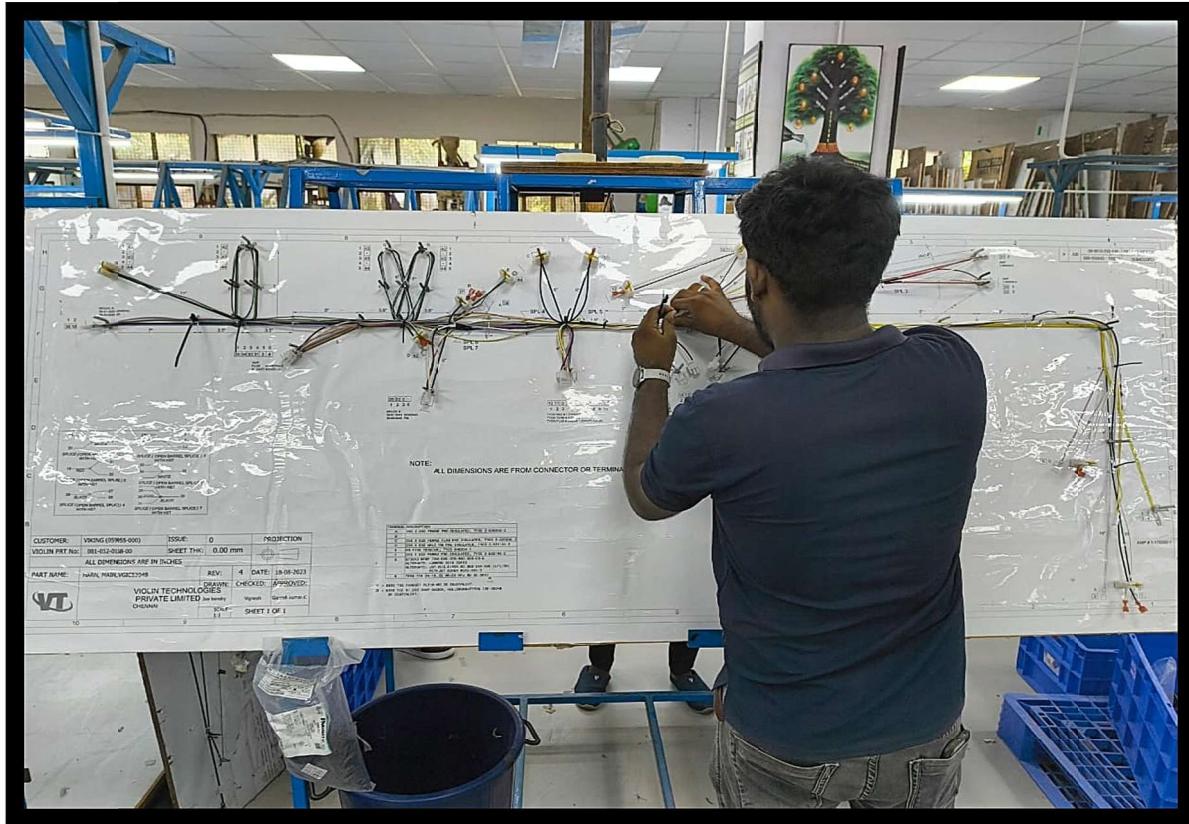
In the ever-evolving world of industrial automation, advancements in robotics continue to redefine manufacturing processes. One such groundbreaking innovation is the integration of "violin technology" into robot welding machines. This novel enhancement is ushering in a new era of precision, flexibility, and efficiency, propelling industries to new heights of productivity and cost-effectiveness.



The Advent Of Test Fixtures

One major advancement is the introduction of modular fixture systems. These systems feature interchangeable components such as adjustable clamps, sensor holders, and support arms, making them highly adaptable to various products with minimal reconfiguration. For instance, custom test fixtures for delicate components like circuit boards can now be created using 2D printing technology, offering precise cutouts and support structures that securely hold the product without causing damage.

The use of 2D printing and modular components significantly reduces the need for custom-built fixtures, providing cost-effective and scalable solutions. Additionally, ergonomically designed fixtures not only improve testing accuracy but also reduce fatigue and enhance safety for personnel.



A Strategic Asset

The Engineering Department is far more than just the technical backbone of our organization; it is a strategic asset that drives the future direction of the company. With our engineers working at the forefront of innovation and product development, we are positioned to remain ahead of the curve, delivering exceptional results to our customers.

Through continued dedication and a relentless focus on innovation, our Engineering Team is prepared to face the challenges of the future. Together, we will continue to build products that not only meet the current needs of our customers but also anticipate the demands of tomorrow, driving our company's success to new heights.

Article by **Ranganathan**



As the global economy evolves, industries are navigating a landscape of innovation, sustainability, and shifting consumer demands. By 2025, several key trends are expected to shape industrial growth, requiring businesses to adapt quickly to remain competitive



Article by **Rajesh.G** Director BD



Emphasis on Sustainability

Governments, consumers, and investors are demanding environmentally responsible operations. Key developments include:

- **Adoption of Renewable Energy:** A rapid shift towards solar, wind, and other renewable energy sources to reduce carbon footprints.
- **Circular Economy Models:** Increased recycling, reuse of materials, and waste reduction in manufacturing processes.
- **Carbon-Neutral Goals:** Companies aiming for net-zero emissions are driving innovation in energy efficiency and green technologies.



Digital Transformation and Industry 4.0

The integration of advanced digital technologies is revolutionizing industrial operations:

- **Artificial Intelligence and Machine Learning:** Enabling predictive maintenance, enhanced supply chain efficiency, and improved product design.
- **Internet of Things (IoT):** Smart factories leveraging IoT for real-time data analysis, monitoring, and automation.
- **Digital Twins:** Simulating processes and products in virtual environments to optimize performance before physical deployment.
- **Cybersecurity:** As digitization expands, ensuring robust cybersecurity frameworks is critical



Evolving Workforce Dynamics

The industrial workforce is undergoing significant shifts:

- **Upskilling and Reskilling:** Emphasis on training employees in digital tools, robotics, and data analytics.
- **Remote and Hybrid Work Models:** Adoption of flexible working arrangements, particularly for non-manufacturing roles.
- **Diversity and Inclusion:** Greater focus on building inclusive workplace cultures to attract top talent.





Supply Chain Resilience

Disruptions like the COVID-19 pandemic and geopolitical tensions have highlighted the need for robust supply chains:

- **Localization and Nearshoring:** Companies are diversifying production locations to reduce dependency on single regions.
- **Advanced Analytics in Logistics:** AI and big data are enhancing supply chain visibility and efficiency.
- **Sustainable Logistics:** A push toward eco-friendly transportation and packaging.



Rise of Advanced Manufacturing

Technological advancements are reshaping how products are designed and produced:

- **Additive Manufacturing (3D Printing):** Revolutionizing prototyping, customization, and small-batch production.
- **Nanotechnology:** Enabling the creation of materials with superior properties for various applications.
- **Robotics and Automation:** Improving precision, productivity, and cost-efficiency in manufacturing.



Emerging Markets and Regional Trends

By 2025, emerging markets will play a pivotal role in global industrial growth:

- **Asia-Pacific:** Dominating industrial production with technological leadership from countries like China, Japan, and South Korea.
- **Africa:** Increasing focus on infrastructure and manufacturing as the continent develops its industrial base.
- **Middle East:** Diversification efforts beyond oil, emphasizing renewable energy and advanced industries.



Regulatory and Policy Changes

Governments worldwide are introducing policies to drive industrial innovation:

- **Incentives for Green Technology:** Tax breaks and subsidies for adopting renewable energy and sustainable practices.
- **Data Protection Laws:** Stricter regulations to secure consumer and operational data.
- **Trade Policies:** Shaping global industrial operations through tariffs and trade agreements.



QUALITY

The Mark of Trust

Ensuring Excellence

The Backbone of Our Quality Practices

In today's competitive landscape, organizations that consistently deliver superior products and services stand out. At the core of this excellence lies a commitment to quality, and our organization is no exception. Our Quality Team plays a pivotal role in maintaining high standards, ensuring that every aspect of our operations meets or exceeds expectations. From products and services to processes and customer satisfaction, quality is at the heart of everything we do.



The Role of the Quality Team

The Quality Team is responsible for ensuring that the output of our organization aligns with the highest standards of excellence. This involves a comprehensive approach that includes setting benchmarks, conducting inspections, testing products, identifying areas for improvement, and implementing corrective actions. Their ultimate mission is to eliminate defects, improve performance, and guarantee compliance with both industry regulations and our own internal standards. Through these efforts, we ensure that our customers receive products and services that not only meet but exceed their expectations.

A Day in the Life of the Quality Team

Each day, our Quality Team is led by the Head of Department (HOD), who facilitates meetings that encourage knowledge sharing and team development. These daily gatherings help improve skills and reinforce the commitment to delivering top-quality products. By fostering an environment of collaboration and continuous learning, our team stays focused on its mission to uphold the highest standards of quality at every stage of production.

Our Commitment to Rigorous Standards

The Quality Management System (QMS)

At the heart of our quality practices is a robust Quality Management System (QMS), which is central to maintaining consistency and compliance. Our certifications, including ISO 9001:2015 (Quality Management), ISO 13485:2016 (Medical Devices), AS9100:2016 (Aerospace and Defense), ISO 14001:2015 (Environmental Management), and ISO 45001:2018 (Occupational Health and Safety), are a testament to our commitment to quality. Additionally, we are actively working towards achieving IATF 16949 certification, further demonstrating our dedication to continuous improvement and regulatory compliance.



The Power of Documentation

Meticulous document control is key to maintaining accuracy, consistency, and transparency within our organization. The Quality Team manages both external documents—such as specifications, standards, and drawings—and internal ones, including the Quality System Manual, procedures, work instructions, and inspection reports. Our centralized document management system ensures that all documents are up-to-date and accessible, enabling streamlined operations and ensuring that everyone has access to the correct information.



Driving Improvement

Quality Circle Meetings

One of the cornerstones of our continuous improvement strategy is our Quality Circle meetings. Held weekly, these meetings bring together cross-functional teams to identify, analyze, and address process inefficiencies. By focusing on root cause analysis and corrective actions, we continuously refine our processes, reduce cycle times, and enhance operational efficiency. These meetings are an essential part of fostering a culture of quality throughout the organization.

Advanced Methodologies

Six Sigma for Excellence

To further drive improvements, we utilize Six Sigma methodologies. Spearheaded by our Head of Quality, this data-driven approach is dedicated to reducing defects, enhancing process efficiency, and maximizing overall performance. By embracing Six Sigma principles, we ensure that every product and service we deliver is of the highest possible standard, reducing variability and improving overall consistency.



Proactive Quality Assurance

Gap Analysis and PPAP

Before prototype development begins, our team conducts a Gap Analysis between customer specifications and the existing samples. This early identification of discrepancies ensures that customer requirements are clearly understood and met. Similarly, we follow a rigorous Production Part Approval Process (PPAP), submitting prototypes for customer approval before mass production begins. This process guarantees that all parts meet agreed-upon standards, ensuring quality from the start.

Specialized Training for Specialized Quality

Ensuring the highest standards requires specialized knowledge and skills, which is why we invest heavily in ongoing training. Our IPC Certifications for the Wiring Harness Division and the addition of an AWS Certified Welding Inspector in our Mechanical Division exemplify our commitment to maintaining the highest industry standards. These certifications ensure that our team members are equipped with the expertise to produce flawless products, whether it's electrical components or welded mechanical parts.



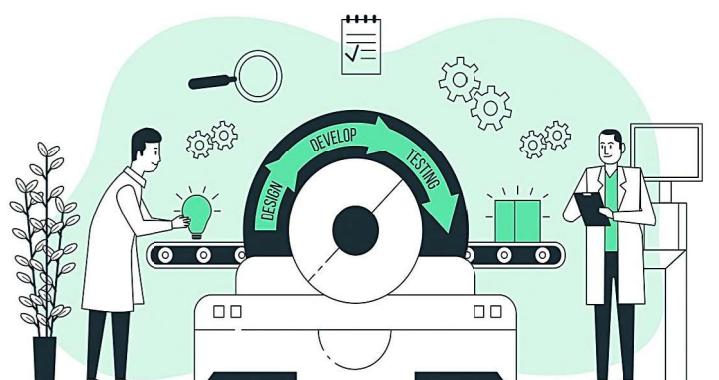
Testing Capabilities

A cornerstone of our commitment to quality is our advanced testing capabilities. In both our Wiring Harness and Mechanical Divisions, we use state-of-the-art equipment to ensure products meet the highest standards. Our Wiring Harness Division utilizes high-voltage testers, insulation resistance testers, and crimp force monitors to ensure that every connection is secure, while the Mechanical Division employs 2D height gauges, surface roughness testers, and CMM machines to guarantee precise dimensions and flawless functionality.

“Quality is not an act, it is a habit”

- Aristotle

Quality is not just a goal; it's a continuous journey. Our organization's commitment to maintaining the highest standards is reflected in every aspect of our operations—from our comprehensive Quality Management System and rigorous testing protocols to our ongoing employee training and certification. By continuously refining our processes, embracing advanced methodologies like Six Sigma, and ensuring compliance with industry regulations, we remain committed to delivering products and services that exceed customer expectations. In doing so, we uphold the values that define us: excellence, reliability, and customer satisfaction.



Article by Selvam
Senior Manager - Quality



Article by
Nagarajan
Director - SCM

At Violin Technologies Private Limited, we take pride in being a key player in the global manufacturing and sourcing landscape. As specialists in the contract manufacturing of cable and wiring harnesses, sheet metal components, highly precision machined components, and assemblies, we cater to diverse industries such as industrial, aerospace, food equipment, and medical equipment. Our global sourcing services extend to customers seeking dependable suppliers for components and assemblies, making us a one-stop solution for a wide range of procurement needs.

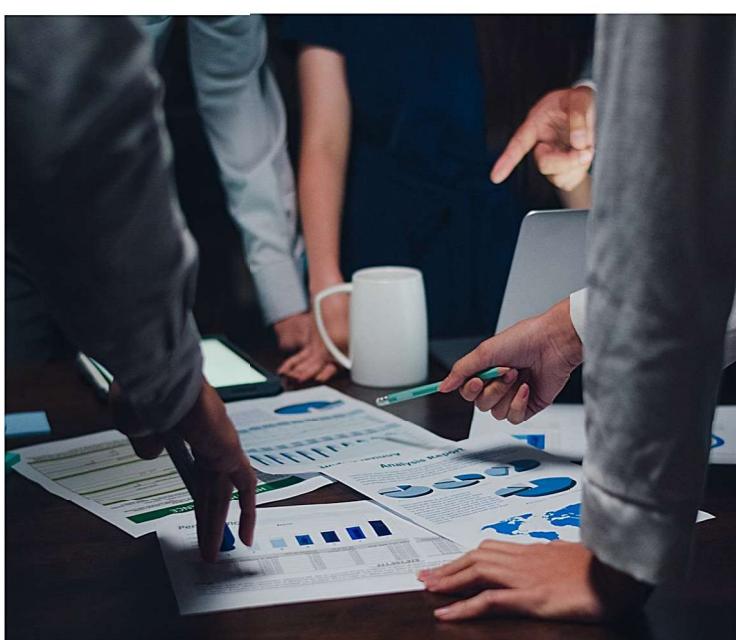
Strategic Location, Global Reach

Situated in Chennai, India, a prominent industrial hub, Violin Technologies is strategically positioned to access a broad network of global suppliers and manufacturers. India's robust industrial zones and government-backed initiatives, which offer both financial and technical support, provide an ideal environment for sourcing high-quality components. With industrial promotion zones surrounding us, we are well-equipped to tap into various global supply chains and deliver cost-effective solutions to our customers. Comprehensive Sourcing Capabilities The world of manufacturing is ever-evolving, with production demands becoming more complex and time-sensitive. At Violin, we understand that sourcing the right vendor at the right time is crucial for ensuring seamless production flows. Our engagement with customers goes beyond our in-house manufacturing capabilities.



Extending as a Sourcing and Purchasing Organization

Violin Technologies is more than just a manufacturing company; we function as an extension of Customers' sourcing and purchasing organization. Our goal is to meet Customer's expectations in cost, quality, deadlines, and performance. By managing the end-to-end procurement process, we ensure his supply chain remains agile, efficient, and cost-effective, allowing you to focus on what matters most: growing his business.



In conclusion, with our strategic location, comprehensive sourcing services, and commitment to quality, Violin Technologies is uniquely positioned to serve as a trusted Global Sourcing Centre. Whether it is through in-house manufacturing or expert sourcing solutions, we are here to support our production needs and help to stay ahead in the competitive global market.

With the Highly talented team in hand, Violin Technologies is an expert in navigating the complexities of global sourcing and supply chain management!

Precision Parts for the Space Program

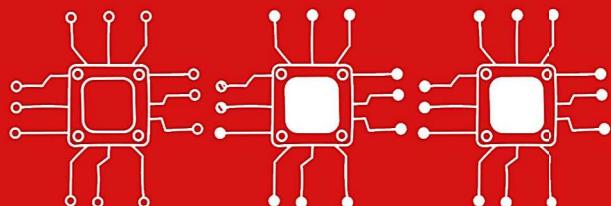
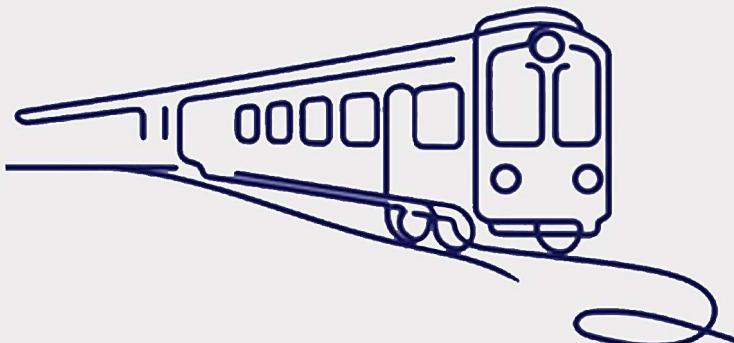
Supporting Innovation and Exploration

Since the 1980s, flight test engineers have trusted these sensors for use in fixed-wing aircraft, rotorcraft, launch vehicles, and spacecraft. As a leading manufacturer of innovative sensors, accelerometers, and advanced electronics for measuring dynamic force, pressure, and vibration, this company has been a key partner in driving aerospace advancements. With its proven expertise and cutting-edge technology, the company has the potential to make significant contributions to the SpaceX program. Violin is proud to collaborate with this industry leader by manufacturing high-precision machined parts for their groundbreaking sensors.

Critical Components for Metro Rail

Enhancing Efficiency and Safety

Platform Screen Doors (PSDs) are designed to separate platforms from the track, enhancing safety and efficiency. These doors open only when the train aligns at the designated position, preventing accidents, unauthorized access, and objects from falling onto the track. Violin is collaborating with this company to manufacture Control Panel Assemblies for PSDs, supporting the Chennai Metro Rail Limited in its commitment to safer and more reliable transit systems.



The fabrication process is performed in highly specialized semiconductor fabrication plants, also called foundries or "fabs", [1] with the central part being the "clean room". In more advanced semiconductor devices, such as modern 14/10/7 nm nodes, fabrication can take up to 15 weeks, with 11–13 weeks being the industry average. [2] Production in advanced fabrication facilities is completely automated, with automated material handling systems taking care of the transport of wafers from machine to machine.

Companies manufacturing machines for industrial semiconductor fabrication include ASML, Applied Materials, Tokyo Electron, YES, and Lam Research. Violin is collaborating with one of these industry leaders, specializing in surface and materials enhancement systems, including thermal processing, wet processing, plasma cleaning, and coating.

Advanced Components for Semiconductor Manufacturing Industry

Driving Precision & Innovation

Semiconductor device fabrication is the process used to manufacture semiconductor devices, typically integrated circuits (ICs) such as microprocessors, microcontrollers, and memories (such as RAM and flash memory). It is a multiple-step photolithographic and physico-chemical process (with steps such as thermal oxidation, thin-film deposition, ion-implantation, etching) during which electronic circuits are gradually created on a wafer, typically made of pure single-crystal semiconducting material. Silicon is almost always used, but various compound semiconductors are used for specialized applications.

Companies manufacturing machines for industrial semiconductor fabrication include ASML, Applied Materials, Tokyo Electron, YES, and Lam Research. Violin is collaborating with one of these industry leaders, specializing in surface and materials enhancement systems, including thermal processing, wet processing, plasma cleaning, and coating.



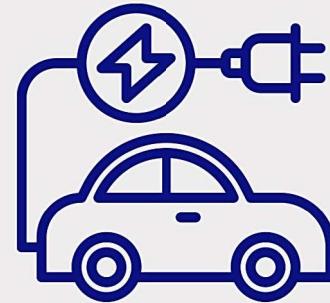
High-Performance Parts for Augers Enhancing Efficiency in Agricultural Machinery

Violin is entering the grain processing sector by partnering with a globally preferred company renowned for providing all-grain processing solutions. This company offers end-to-end, automation-driven, and IoT-enabled solutions designed to enhance efficiency and productivity in the food industry.

Their comprehensive portfolio includes machines, integrated systems, and fully engineered solutions for processing rice, wheat, pulses, and other grains, addressing every stage of the value chain. From cleaning, husking, and whitening to polishing, grading, sorting, and packaging, they design, manufacture, and supply a complete range of grain milling machines. This partnership positions Violin to contribute to advancements in the grain processing industry.

Essential Components for EV Chargers Powering the Future of Electric Mobility

Violin is entering the EV charging sector by collaborating with a company that offers innovative delivery solutions for electric vehicles. This company employs a Modular Battery Swapping system, enabling EVs to receive a 100% charge within minutes.



Using advanced computer vision and secure wireless communication with the vehicle, the system precisely identifies the location of each battery module to be swapped. Discharged battery modules are efficiently removed from the vehicle and placed on shelves for recharging, ensuring they are ready for the next vehicle. This streamlined approach accelerates EV adoption and enhances the convenience of electric mobility.



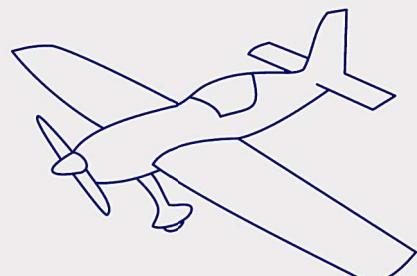
Precision Parts for Robots Empowering Automation and Innovation

Violin is partnering with a leading Japanese company specializing in the manufacturing of servos, motion controllers, AC motor drives, switches, and industrial robots. Their robust, heavy-duty industrial robots are designed for a wide range of applications, including welding, packaging, assembly, coating, cutting, material handling, and general automation, supporting diverse industrial needs with precision and efficiency.

Advanced Components for Electric Aircraft Pioneering the Future of Sustainable Aviation

Violin is collaborating with innovative aviation companies developing electric aircraft that offer a faster, cleaner, and smarter way to transport people. Powered by six electric motors, these cutting-edge aircraft take off and land vertically, enabling unprecedented flexibility to serve a wide range of communities.

With designs that make future air travel feel more like stepping into an SUV than boarding a traditional plane, these advancements promise to revolutionize the way we experience flying.

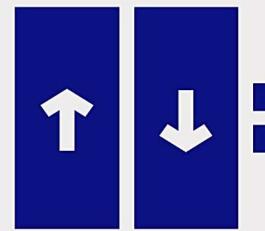


Custom Components for Innovative Lift Solutions

Enhancing Accessibility and Mobility

Violin is partnering with a customer specializing in innovative lift solutions designed to meet virtually any need. From microlifts to lifts tailored for RVs and mobility-challenged individuals, their products ensure seamless access and convenience.

Offering versatile lifting solutions for residences, commercial buildings, and vehicles, they empower users and their mobility devices to move freely—where they want, when they want, and how they want.



PRECISION. INNOVATION. EXCELLENCE IN ENGINEERING

Article by **Ganesh & Vignesh**

In any organization, the Engineering Department serves as the driving force behind innovation and growth. At our company, this department is more than just a support function; it is the backbone of our success. A dedicated team of engineers and technical experts works tirelessly to design, build, and maintain the systems and technologies that power our products. From refining the user experience to optimizing back-end infrastructure, our engineers are committed to delivering high-quality solutions that evolve with the ever-changing demands of our customers.

The Engineering Team's Role in Project Execution



The role of the Engineering Team extends far beyond initial product development. We are integral to every stage of project execution, ensuring that each project is completed efficiently and on time.

One of the most critical challenges we face in the engineering process is ensuring that our products are free of defects. We achieve this by implementing error-proofing methods, including poka-yoke techniques, which are designed to eliminate human error and ensure a zero-defect product during production.

Throughout each project, our team holds regular meetings at various stages, such as during sample builds, production parts, and engineering changes. These forums allow us to discuss product, process, and design modifications, ensuring that we address any issues proactively and maintain momentum.

The department consists of specialists in design, tooling, drawing review, documentation, and fixture development. Together, these experts ensure that each product not only meets customer expectations but is also manufacturable and scalable. Every decision we make in the engineering process is designed to create a high-quality product that supports the company's long-term goals and fosters customer satisfaction.

Fostering a Culture of Collaboration and Continuous Improvement

As we look toward the future, the Engineering Department remains dedicated to fostering a culture of collaboration and continuous improvement. We recognize that success is not just about the technical skills we bring to the table but also about creating an environment where teamwork thrives. By balancing technical updates with team-building efforts, we aim to create a motivated and informed workforce that is aligned with the company's vision.

This culture of collaboration helps enhance the efficiency and success of ongoing projects while simultaneously strengthening the department's overall performance. It ensures that we remain agile, responsive, and equipped to meet the ever-changing demands of our industry.



NEWS FROM

COOKVILLE

TENNESSEE

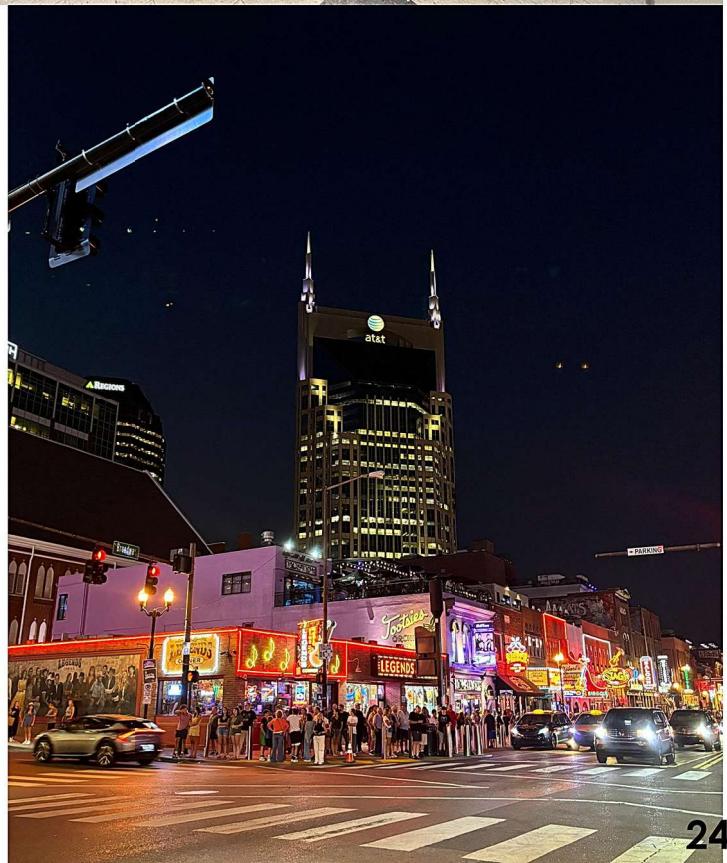
Article by **Nithesh**
Business Development

We are excited to announce the opening of our new sales office in Cookeville, Tennessee, operational since August 2024. Strategically located, this office allows us to efficiently reach our customers by drive or flight within five hours, ensuring quick and convenient support. This expansion is part of our ongoing commitment to better serve our clients and strengthen our presence in the region. The Cookeville office will help us provide more localized service and enhance our ability to meet the growing demands of our customers. We look forward to this new chapter and are confident that this location will contribute to our continued success.



About Cookville

Cookeville, Tennessee, is a vibrant city located in the heart of the Upper Cumberland region. Known for its welcoming community, scenic beauty, and strategic location, Cookeville offers a perfect blend of small-town charm and modern conveniences. The city is home to Tennessee Technological University, which adds to its dynamic, innovative atmosphere. With a central location that provides easy access to major highways and airports, Cookeville is well-positioned as a hub for business and growth, making it an ideal place for both residents and companies looking to thrive.



BUSINESS SPOTLIGHT

Article by **Shifana Farveen I, Sowndarya M, Gowri S, Dhanya Sri R, Arthi S**

Industry 4.0: Revolutionizing the Manufacturing Landscape

Industry 4.0 represents the next phase in the digital transformation of the manufacturing industry. Often referred to as the "Fourth Industrial Revolution," it combines automation, data exchange, and advanced technologies to create smarter, more efficient manufacturing processes. This new era leverages cutting-edge innovations such as the Internet of Things (IoT), artificial intelligence (AI), big data analytics, robotics, and cyber-physical systems to drive manufacturing.



Benefits of Industry 4.0 for Manufacturing

Increased Efficiency & Productivity

One of the most significant advantages of Industry 4.0 is the dramatic increase in efficiency. Smart factories use real-time data collected from IoT sensors to monitor and optimize production processes. With AI and machine learning, systems can predict failures, schedule maintenance, and make adjustments in real time—reducing downtime and enhancing overall productivity.

Improved Quality Control

Automation and AI-driven systems enable higher precision and consistency in production. By integrating advanced sensors and data analytics into manufacturing processes, companies can detect issues before they become major problems. This leads to improved product quality, fewer defects, and better customer satisfaction.

Cost Reduction

Industry 4.0 technologies help streamline production and minimize waste. With predictive maintenance, manufacturers can avoid costly unplanned downtime, and automation allows for more efficient resource allocation. The ability to collect and analyze vast amounts of data also leads to smarter decision-making, reducing costs associated with excess inventory and energy consumption.



Customization & Flexibility

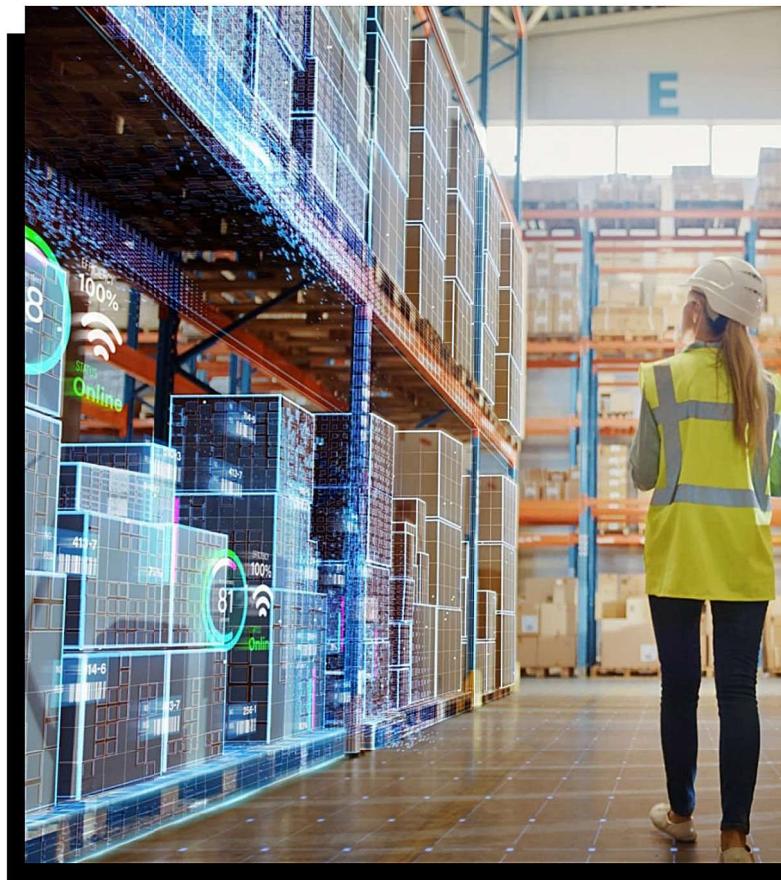
As consumer demand for personalized products increases, manufacturers need the ability to adapt quickly to changing market needs. Industry 4.0 enables greater flexibility, allowing manufacturers to efficiently produce smaller batches and custom products without sacrificing cost-effectiveness or quality.

The Path Forward Adapting to Industry 4.0

As Industry 4.0 transforms the manufacturing landscape, companies must adapt to remain competitive. The first step is investing in the technologies and infrastructure that support digitalization, such as IoT sensors, cloud computing, and AI. However, the true value comes from integrating these technologies into the company's culture and operations. Manufacturers need to foster a mindset of continuous improvement, where innovation is embraced, and employees are trained to work with advanced technologies. Another critical component of successful adoption is collaboration. Industry 4.0 is not just about implementing technology but also about creating a connected ecosystem where suppliers, manufacturers, and customers can share data and insights in real-time. This collaborative approach leads to smarter decisions, better problem-solving, and enhanced value creation.

Supply Chain Optimization

With real-time data exchange and advanced analytics, Industry 4.0 allows manufacturers to have greater visibility and control over their supply chains. This helps to reduce bottlenecks, enhance inventory management, and ensure that materials are available exactly when needed. Enhanced communication and tracking systems improve coordination with suppliers and customers, creating a more agile and responsive supply chain.



The Future of Manufacturing



Industry 4.0 is redefining the manufacturing industry by driving innovation, improving efficiency, and enhancing product quality. As businesses embrace these advanced technologies, they unlock new opportunities for growth, customization, and customer satisfaction. For manufacturers, the journey toward Industry 4.0 is not just a technological shift but a strategic advantage that will shape the future of the industry for years to come.

ANNUAL REVIEW MEETING 2024

Celebrating Excellence and Dedication

On **May 3, 2024**, Violin hosted its **Annual Review Meeting at the prestigious Four Points by Sheraton Resort**. This yearly tradition serves as a platform to celebrate departmental achievements and highlight the performance improvements made over the past year, reinforcing our commitment to continuous growth and organizational excellence.



A standout moment of the event was the recognition of employees who have been part of the organization for five years. Their dedication and contributions were celebrated with gold coins and cash prizes, underscoring our appreciation for their loyalty and hard work.

CELEBRATING WOMEN'S DAY 2025

Empowerment and Creativity at Violin Technologies

In honor of Women's Day, Violin Technologies celebrated the spirit of empowerment and creativity with a series of engaging activities, including a drawing competition, poetry contest, and fun games. Over 100 employees enthusiastically participated, making the event a resounding success.



The highlight of the celebration was the distribution of prizes to winners, recognizing their exceptional talent and contributions. The overwhelmingly positive feedback from participants reflected the joy and energy of the day, underscoring the value of such initiatives in fostering a supportive and inclusive workplace culture.

VTPL CRICKET TOURNAMENT

A Celebration of Teamwork and Sportsmanship

VTPL, a thrilling one-day cricket tournament to foster team collaboration and celebrate sportsmanship within the organization. The event brought employees together in a spirit of friendly competition, providing an excellent opportunity to strengthen interdepartmental relationships.



The day concluded with the presentation of the championship cup to the winning team and special recognition for the runners-up. The tournament was a resounding success, embodying the values of teamwork, camaraderie, and a shared commitment to building a vibrant workplace culture.

VT HOSTS EXCITING TEAM OUTING

At VGP Water Park

VT recently organized a vibrant team outing for employees at VGP Water Park, offering a refreshing and enjoyable break from the daily routine. The day was filled with thrilling water-based activities designed to foster teamwork, camaraderie, and collaboration in a relaxed and fun environment.



Employees from various departments enthusiastically participated in activities like water slides, wave pools, and river rides, creating moments of joy, laughter, and strong interpersonal bonds. The event was a memorable experience, reinforcing the importance of teamwork and a positive workplace culture.

This team-out was not just about fun but also a testament to our organization's commitment to promoting employee wellness, team spirit, and work-life balance. The smiles, strengthened connections, and positive energy from the day have sparked excitement for future events, reinforcing our belief in creating a supportive and engaging work culture.



AYUDHA POOJA

Honoring Tradition, Empowering Collaboration

Ayudha Pooja was celebrated across our organization with great enthusiasm, reflecting the unity and diversity of our workforce. The event highlighted the spirit of togetherness, with employees participating in rituals and activities that showcased respect for tools and instruments integral to our work. The celebration emphasized the dignity of every role within the organization, fostering a sense of pride and belonging among all employees.



A year at Violin technologies Journey of learning & growth

It has been an entire year at Violin Technologies, and looking back, I am filled with immense gratitude for the experiences and lessons I have gained throughout this time. As a fresher, this opportunity has been nothing short of transformative, shaping both my professional and personal life in meaningful ways.

From the very beginning, Violin Technologies provided me with an environment that encouraged growth and learning. I had the chance to work alongside experts and gain hands-on experience, which allowed me to apply my theoretical knowledge in real-world scenarios.

The lessons I have learned at Violin Technologies are not just about work—they are about discipline, professional ethics, and punctuality. The emphasis on discipline has taught me the importance of consistency, focus, and maintaining a strong work ethic in every task I take on.

In addition to technical expertise, Violin Technologies has shown me how crucial it is to uphold professional ethics in all aspects of life.

I have learned the value of honesty, accountability, and respect for others, which have helped me build stronger relationships with my colleagues and clients. Punctuality, too, has become second nature to me something that has helped me manage my time efficiently and meet deadlines without compromising on quality.

The experiences at Violin Technologies have equipped me with life lessons that I carry with me everywhere I go. Whether it's in a professional setting or in my personal life, I know the principles I've learned here will continue to guide me.

I am proud to be a part of Violin Technologies. I look forward to continuing my journey here, contributing to the company's success, and growing alongside a team that fosters innovation, respect, and excellence.

"Success is built on discipline, ethics, and the lessons we learn along the way"



Article by Arthi - Business Development

TAILORED GROWTH SESSIONS



Crimping Machine Safety

On August 2024, a "Crimping Machine Safety" training session was conducted at Unit 3 Training Hall, led by **Mr. Balamurugan S.** The session aimed to enhance employees' understanding of safe crimping machine operation, covering key topics such as machine components, safety protocols, hazard identification, and emergency procedures. Participants were trained in using personal protective equipment, performing regular maintenance, and recognizing common risks to prevent accidents. Hands-on training reinforced the theoretical knowledge, ensuring employees could safely operate the machines. Mr. Balamurugan emphasized the importance of safety awareness and proactive risk management, fostering a culture of safety within the workplace.

PoCSO – Women's Sexual Harassment Awareness Program

On July 31, 2024, a program about PoCSO and women's safety was held in Unit 3 Training Hall, led by **Mr. Rajesh V, Associate Director**. The session aimed to share details about the PoCSO Act and how it helps protect women and children. It also touched on workplace issues under the PoSH Act, teaching attendees how to spot and handle problems. The session highlighted the value of building a safe and kind workplace, showing the company's focus on supporting everyone.



Health, Safety, and Work-Life Balance Training Session

On October 24, a training session on Health, Safety, and Work-Life Balance was conducted at Unit 3 Training Hall, led by **trainer Balamurugan S.** The session focused on key areas including health, safety, and effective work-life balance. Participants were educated on maintaining physical and mental well-being, implementing workplace safety protocols, and managing time to balance professional and personal responsibilities.

The interactive format, which included discussions and practical exercises, enabled attendees to apply the concepts to their daily work life. The session proved to be highly relevant and insightful, equipping employees with the tools necessary to promote a healthier and more productive work environment.





Hazardous and Non-Hazardous Waste Management

On September 24th, a training session on "Hazardous and Non-Hazardous Waste Management" was held at the Unit 3 Training Hall, led by expert Balamurugan S. The session focused on distinguishing between hazardous and non-hazardous waste, proper disposal protocols, and the environmental impact of waste management.

Key topics included the regulatory minimization techniques. Participants engaged actively in discussions, enhancing their understanding of safety standards and sustainability practices. The training concluded with a quiz and certificates, reinforcing the company's commitment to environmental responsibility and continuous employee development

framework, safe handling practices, and waste

APQP - Advanced Product Quality Planning

The APQP (Advanced Product Quality Planning) training, conducted by Rajesh.Kv at Unit 3 Training Hall in September 2024, provided participants with essential insights into the structured approach to product quality management. The session covered the five phases of APQP—planning, product design, process design, validation, and feedback—emphasizing tools such as FMEA, control plans, and process flow diagrams. Through real-world case studies and interactive exercises, attendees learned how to effectively implement APQP principles to enhance product quality, minimize risks, and streamline manufacturing processes. This training was a valuable opportunity for professionals to improve their understanding and application of APQP, contributing to improved operational efficiency and customer satisfaction.

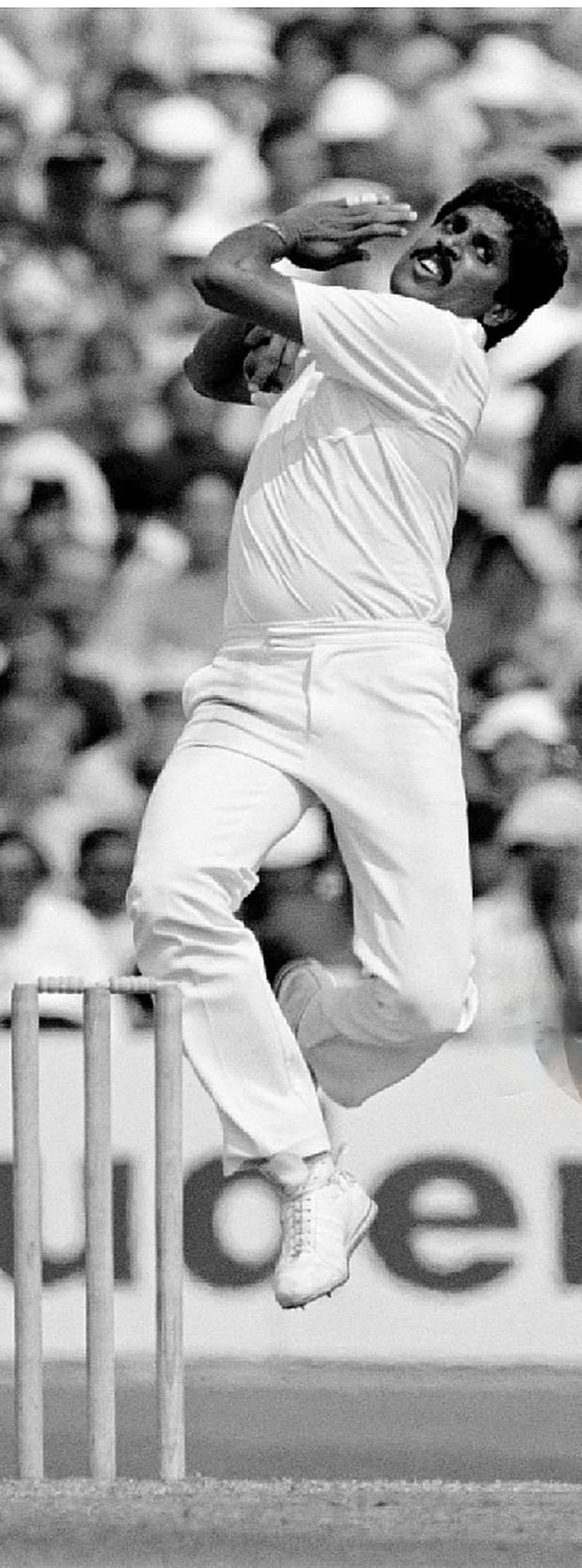
Violin Technologies Conducts First Aid and Fire Fighting Mock Drill for Employee Safety

Violin Technologies organized a First Aid and Fire Fighting Mock Drill from December 17 to 19 to enhance employee safety during fire emergencies. As part of this initiative, comprehensive corporate training on First Aid and Fire Fighting was provided to all employees. The training included crucial life Saving techniques such as dealing with electric shock and performing Cardiopulmonary Resuscitation (CPR). The Emergency Response Team (ERT) played a key role in ensuring the safety and well-being of all employees during emergency situations, demonstrating the company's commitment to creating a safer workplace. This drill reinforces Violin Technologies' dedication to employee safety and preparedness in handling critical situations.



From Artistry to Rapidity: The Evolution of Cricket and the Viewership since 1980s

I was a Kid who started playing cricket at the age of 9 after migrating to a town from a small village where cricket was non-existent in the 70s. I was hooked up to Cricket commentaries after the Heroic World cup Victory in 1983. I used to tune the old Murphy radio and listen to the commentaries if any match is played in any corner of the Globe be it in Australia, English, Sri Lanka, or Pakistan. We were not accessible to television during those times and radio commentaries were only available to us.

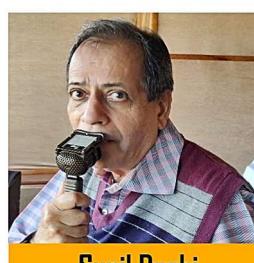


A Journey through Sound

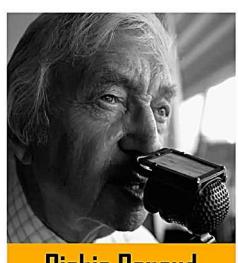
In India, All India Radio (AIR) and Doordarshan (DD) played pivotal roles in bringing cricket to millions of households. During those times, even the Ranji Trophies were covered by the AIR. The commentaries were so lucid as if we were watching it from the ground. Every ball was described starting from the bowler's hand to till it was hit to the boundaries or the wicket is taken. In India, Commentators like Koothapiran and Sunil Doshi became household names, painting vivid pictures of the action for cricket aficionados across the country. Their enthusiastic and passionate commentary resonated with fans, making them an integral part of the cricket-watching experience. Commentators like Richie Benaud, Tony Greig, and Henry Blofeld were some of the iconic voices that shaped worldwide coverage of cricket. Their smooth and descriptive narration, combined with insightful analysis, brought the game to life for listeners. Harsha Bhogle was getting through it during that time and brought the Indian commentary to a new dimension



Koothapiran



Sunil Doshi



Richie Benaud



Tony Greig



Henry Blofeld



Harsha Bhogle

After we were introduced to Television, a few years in the 80s, it was Black and white telecast for us. During the Word Championship of Cricket (WCC) in Australia, the color television allowed us to see the lush Green and Big Grounds of Australia. It was fascinating to see the crowd,

Coloured Jerseys, and the white ball. During that time Mohd Azharuddin was in the peak of his form in the Domestic circuit and came to Indian cricket with a bang of Three consecutive Centuries in the Test Matches against England thus creating a world record of 3 centuries in a row on debut.



The Bowling and Batting techniques

The Early Eighties saw bowlers like Thompson, Dennis Lilee from Australia, Andy Roberts, Michael Holding, Malcolm Marshal from West Indies, Graham Dille, Ian Botham from England, Imran Khan, Sarfraz Nawaz from Pakistan, Richard Hadlee from New Zealand, and our own Kapil Dev ruling the Pace attack. Every ball bowled by them was a potential wicket-taking delivery. Some believed in their pace and few in swing. It needed extreme courage to face them and score against them. Sobers, Lloyd, Viv Richards, Boycott, Richardson, Martin Crowe, Jeff Crowe, Zaher Abbas, Sunil Gavaskar, Kim Hughes, and Allan Border mastered the art of batting against a fearsome bowling attack and succeeded in it. Even in the absence of DRS, both bowlers, and Batsmen respected the umpiring decisions then.



Imran Khan



Viv Richards



Richard Hadlee



Sunil Gavaskar

Batting has become more of an adaptability to the situation now. Runs have become more priority than skill and art. Unorthodox shots have given way to Textbook shots

Scoring Styles: Evolution of Run Accumulation

The scoring pattern was so artistic. 230 was considered as a defending score and 250 was considered as a winning score in ODIs. 100 was crossed only after the 32nd or 33rd over. Hitting a six was a rare one. The approach was more conservative, with a focus on preserving wickets early on and accelerating in the later stages. Batsmen played more traditional shots, relying on timing and placement to score runs.

Test cricket revolved around patience and technique, where runs accumulated steadily, and partnerships held paramount importance. All 5 days of the test matches were eventful, even the draw was interesting. The stadium witnessed full attendance on all 5 days of the Test match.

The 21st century witnessed a paradigm shift in scoring styles. ODIs transformed into high-scoring extravaganzas, with the advent of powerplays, aggressive batting, and innovative shot-making. T20 cricket's rise further accentuated this trend, emphasizing boundary-hitting and quick run-scoring. Any score cannot be considered a winning target. In Test cricket, the balance between defense and aggression evolved, with players becoming more adaptable to various formats. The on-field and television viewership of Test Matches have gone down and the stadiums have a deserted look. Focus is given to shorter formats like T20, T10, and 100-ball cricket, and rules are continuously changed to make a run feast to draw the people to the stadium and Televisions. Days were there, people yearning for a cricket series. But, we find international cricket in different formats occupying the 365 days calendar thus reducing the enthusiasm of watching them. The radio commentary is almost dead, even if it is live, there are no listeners for it.



The overdose of cricket and the fast pace has diminished the art of playing and the art of watching them. As the game continues to evolve, one thing remains certain – the virtual audience will always play a crucial role in cricket's narrative.



Article by : Nagarajan - Director SCM

Tuning the craft of **Excellence**

In every corner of life, whether we're designing a product, crafting a message, or even performing a task, the smallest adjustments make the biggest difference. Precision is what transforms good work into great work. When you consider anything that operates at high level performance, it maintains precision at its core.



“Precision is the silent architect of excellence”



For example, the way an automatic watch works:

Every cog, every gear is in perfect sync to ensure accurate timekeeping. But it's not just such machines that require this level of craftsmanship. The artistry of precision is visible in the most unexpected places, like in the delicate craftsmanship of a violin.

A violin's beauty is in the precision present in every inch of its body. The careful alignment of strings, curve of the bow, all these components cohesively produce a sound that resonates. Like any process, the violin requires more than the right materials, it requires perfect execution, a balance between form and function that ensures each note flows smoothly and naturally, in harmony. Harmony was never the result of a single element; it is the product of many elements coming together in seamless coordination, each playing its role in a unified whole. Similarly, in business, harmony is about departments and people functioning like an orchestra. Just as each string on a violin, each note played, contributes to the symphony, every team member and every department working together, ensuring that their individual contribution elevates the collective performance. The pursuit of precision and harmony is what drives us at Violin Technologies. It's not about the tools or processes; it's about the thoughtful execution of every detail. Bringing in the precision of finely crafted instruments into every project, ensuring that the products we produce – much like a violin – resonate with excellence and are far greater than the sum of their parts.



Article by **Sreedeep Nair** - Sourcing Cables

The Definition Of

LUXURY



The definition of luxury has changed over the years?

Modern interpretations extend beyond mere material wealth, focusing instead on a mindful approach that emphasizes quality and meaningful connections.

In **60's** a car was a luxury



In **80's** a television
was a luxury

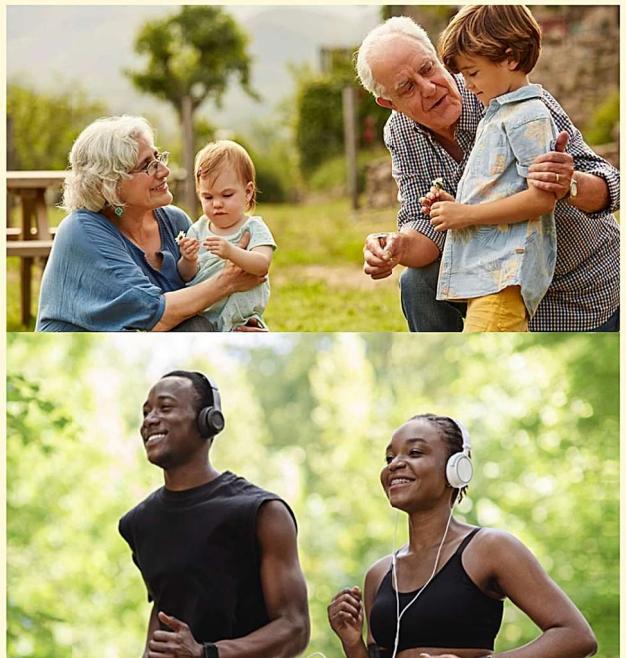


In **2K's** a mobile phone &
internet was a luxury



The list is endless, now as the generations have passed all these luxuries have become necessities. But what are the luxuries now?

Luxury is no more going on a cruise or eating food prepared by a renowned chef, now luxury is eating fresh organic food grown in your own farm, luxury is not having an elevator in your house, luxury is your ability to climb 3 to 4 flights of stairs without difficulty, luxury is not the ability to afford a huge refrigerator, luxury is to eat freshly cooked food 2-3 times a day, luxury is not having a home-theatre system and watching the sports on TV, luxury is physically playing sports in the open air, luxury is not having costly watches, luxury is the ability to spend quality time with your family and friends, luxury is not going to a consultant or specialist or an expensive hospital for medical treatment, luxury is having a good family doctor with clinical acumen for giving prudent medical advice.



Think of those things which you really can't buy with money. Being healthy, being happy, having a loving family, being with friends, living in an unpolluted place. Having peace of mind is luxury, Children staying with their parents is a luxury, luxury is pure water, luxury is sunshine, luxury is laughter, luxury is inhaling fresh air. So, if you define luxury as anything that is rare, then simplicity is the new luxury, decency, manners, understanding, honesty, these are new luxuries. In future generations to come AI will be a necessity and HI will be the luxury (HI means human intelligence). All these things have become rare and these are the real luxury. Have a luxurious life



Article by
Rajesh.G Director - BD





THE POWER OF GOOD LEADERSHIP

Fueling Company Growth & Success

In today's competitive and fast-paced business environment, effective leadership is the cornerstone of a thriving organization. The ability to lead with vision, strategy, and empathy sets the tone for an organization's growth, innovation, and success. Strong leadership is essential in not only maintaining a company's trajectory but also in propelling it to new heights. As businesses adapt to evolving challenges, good leadership practices are more critical than ever to ensure long-term sustainability and growth.

5 Key Aspects of Good Leadership

Employee Experience Enhancement

At the heart of any successful organization is its people. Prioritizing employee well-being, satisfaction, and inclusivity is key to fostering a positive work environment. Leaders who empower their teams by offering them freedom and autonomy can significantly boost morale and productivity. When employees feel valued and supported, they are more likely to be motivated, engaged, and committed to the company's success. In turn, this strengthens retention rates, reduces turnover, and encourages a culture of loyalty and collaboration within the workplace.



Transparency and Trust Building

Trust is the bedrock of effective leadership. Transparent communication and empathetic leadership practices are essential in fostering a culture of trust. Leaders who demonstrate vulnerability, fairness, and consistency in their decision-making create an environment where employees feel safe to share ideas, ask questions, and offer feedback. When leaders are open and honest about challenges and decisions, they build stronger, more authentic relationships with their teams. This open line of communication enhances collaboration, boosts morale, and cultivates an environment where innovation thrives.

Who's the Genuine Pioneer?

A true leader is someone who builds a strong foundation for the organization, rather than merely addressing surface-level issues. Good leadership requires a focus on developing the team and creating a culture that supports long-term success. When challenges arise, effective leaders take responsibility rather than assigning blame. They lead by example, demonstrating resilience, accountability, and a commitment to growth. A genuine leader is one who builds the leadership team from within, fostering a collaborative environment where everyone can contribute to the company's success.

Strategic Decision-Making

A good leader understands that every decision made has the potential to impact the future of the company. Strategic decision-making involves aligning every choice with the company's core mission, values, and vision. By setting a clear direction and purpose, leaders ensure that every action taken is contributing to long-term growth and sustainability. Effective leaders are able to identify opportunities, manage risks, and pivot when necessary to keep the organization on track toward its goals. When decisions are made with foresight and consistency, the entire organization can move forward with confidence.



Talent Attraction and Retention

In today's talent-driven economy, attracting and retaining top-tier employees is paramount to success. A great leader knows that the company's culture, growth opportunities, and work-life balance are key factors in drawing in skilled professionals. By promoting a positive and inclusive work culture, fostering professional development, and ensuring open lines of communication, leaders can create an environment where employees feel empowered to grow and succeed. This leads to a loyal, high-performing team that can help the company thrive in the long term.



Adaptability and Innovation

One of the most important aspects of good leadership is the ability to adapt to changing circumstances. The business landscape is constantly evolving, and leaders must encourage innovation and creativity in order to stay ahead. Leaders who support experimentation, embrace learning from failures, and foster a culture of continuous improvement are better equipped to tackle new challenges and seize new opportunities. Encouraging innovation not only drives business growth but also creates a resilient, forward-thinking organization that can thrive in the face of uncertainty.

Good leadership is the foundation of any organization's growth and long-term success. By prioritizing employee experience, transparency, strategic decision-making, talent management, and innovation, leaders can unlock their company's full potential. Effective leaders are those who take responsibility, build strong teams, and focus on sustainable growth from within. They understand that the true power of leadership lies in empowering others, creating a culture of trust, and adapting to change. With good leadership, companies can navigate challenges, drive innovation, and achieve lasting success.



Today for a Sustainable Tomorrow

We know the phrase that Tit for Tat. It's not only for human beings, which is also related to Earth, i.e., one earth. What we are doing Today is the biggest impact for earth Tomorrow. In a modern era we all should know the importance of Environment sustainability. Which all started from our childhood from educating for not throwing the chocolate paper into the land, To now we all throwing everything into Sea, river, and land for a worst Future for climate change.



In this short article we are going explore the concepts for Sustainability related to People which affects the Environment. We all well aware that climate change plays a major role in this earth, now a days we are seeing snow in the deserts, Heavy rain fall and storms in different seasons. Which all happening not just because of population or Industries evaluation. For all the environment causes one common thing is Human, What they really did to the environment and also we cannot appreciate them as, we are planting trees on World Environment day is not enough.



Need for Sustainable Tomorrow

The need for Sustainable Tomorrow is important for all the well-beings in nature. WHO stated that we need to provide benefits to new developments and product industries by today without compromising environmental, social, and personal health in the future. People should have thought about limiting the impact of the environment through developments. There are several ways to control the environmental degradation in relation to the health of the well-beings. For all the products and developments before coming to the field, they should undergo a complete environmental sustainable study.

Example: The waste generation and its end results like that, recyclable methods, energy conservation of the projects, and effective use of natural and water resources. Natural resources, we have to use like rainwater harvesting system and power generation on solar panels by using heat energy. which are effective methods of consuming natural resources. This also should be done by not polluting the environment.



So as a part of Earth, we're all in the situation to make a sustainable tomorrow, that every new project or object before coming to earth's, sustainability should be defined.

1. The process must be defined; how much greenhouse gases it will consume and the consumption of energy are important.
2. Monitoring of energy uses and defined statements to be there for all the resource depletion should not be exceeded.
3. Waste management from start to end; life cycle of a product defined from food to electrical and every new projects.
4. Resource management and environment education are needed for the people who are degrading the environment.

"We've all gone through environmental studies from childhood to now but never followed in reality." That's what we require majorly now for a Sustainable Tomorrow.

Violin Technologies have a greater contribution in energy conversations, solar power panels have been installed in the roof tops, which contributed for power consumption. **Around 30 Kw installed and 100 to 150 units generated per day. Daylight sensors have been installed for LED lights around the factory. This are main contributions to the earth, and will be more like this for ONE EARTH**



Article by **Balamurugan S - EHS**

**“One touch
of nature
makes the
whole
world kin”**

William Shakespeare



Marking the milestone of inaugurating Violin's new manufacturing facility at Mahindra City, guests from USA were invited to plant saplings. Event took place on 19th February 2025. Trees are vital in industrial areas for improving air quality, mitigating climate change, and enhancing the environment, acting as natural filters for pollutants and absorbing carbon dioxide.



Saplings planted signifying
Growth & Stronger
relationship

"That's how you flex"



Photograph by
Praveen Kumar - Sourcing/ Cables



The Infant Monkey



Photograph by
Uvanesh - Tooling / Cables



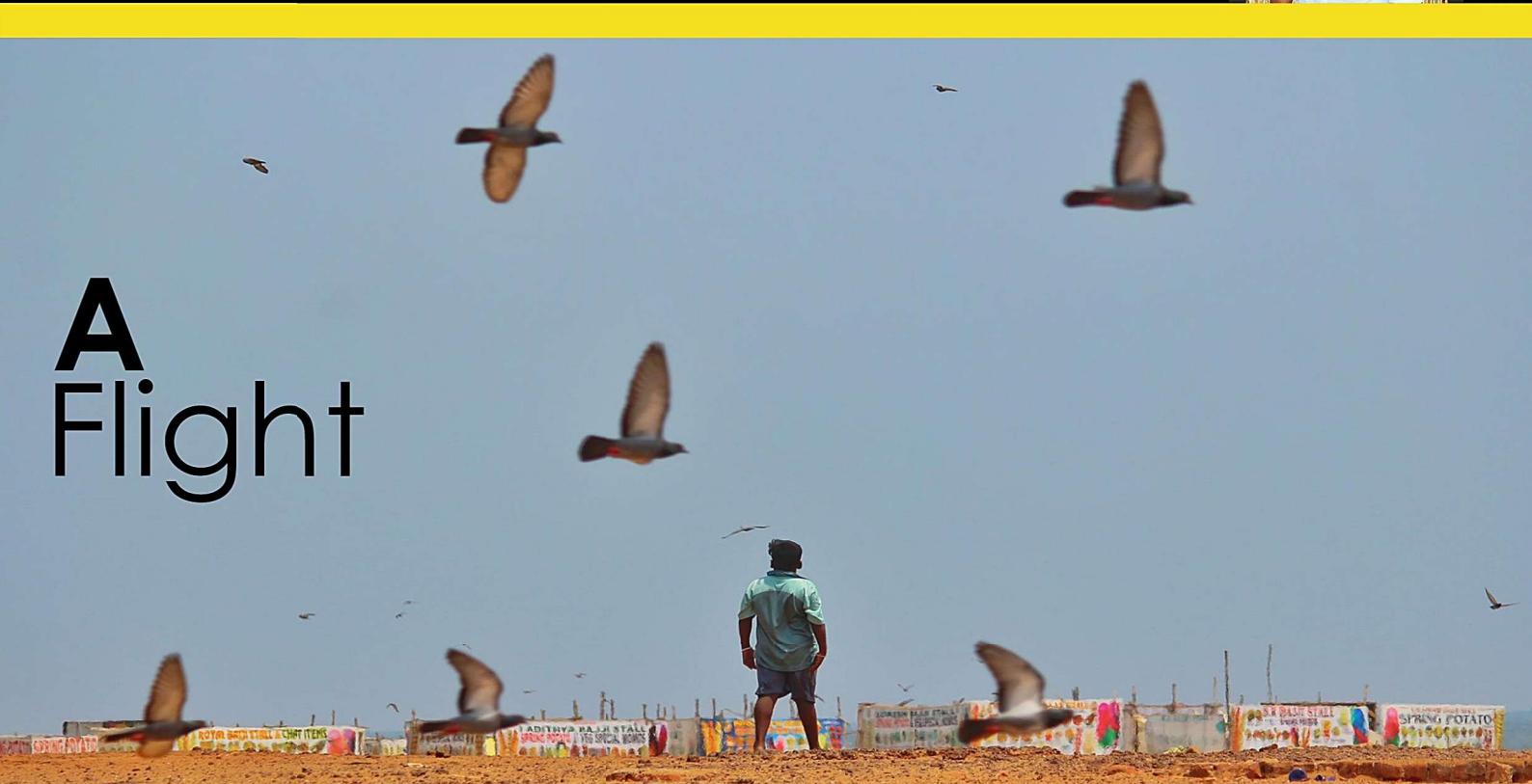


VROOM!!!

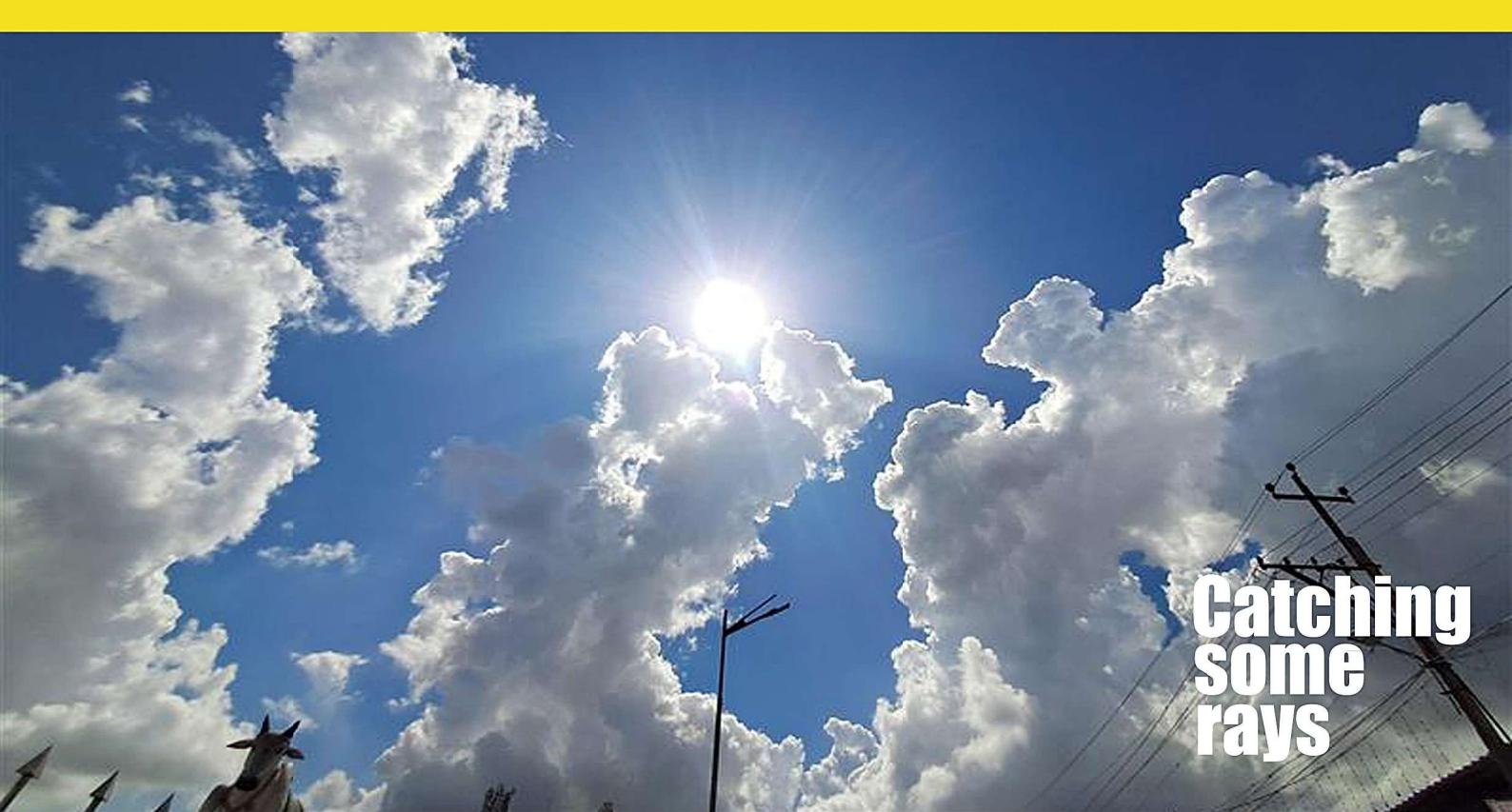
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A Flight



Photograph by
Haravind - Tooling / Cables



**Catching
some
rays**

Photograph by
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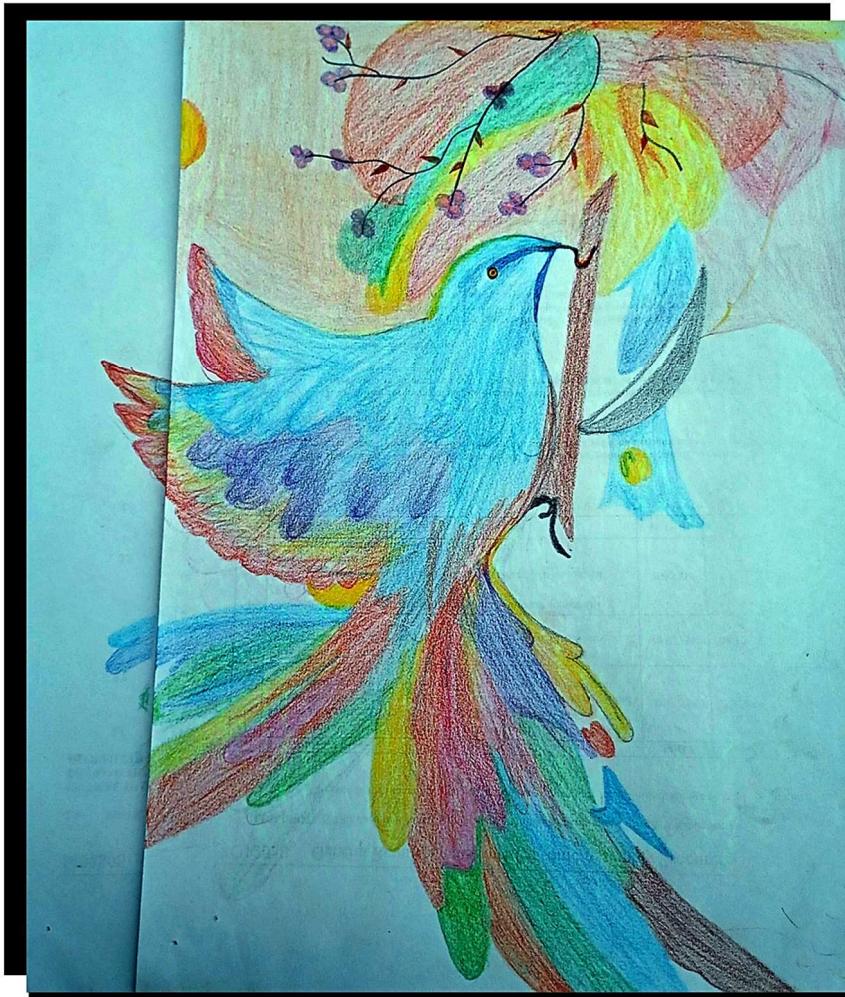


going psychedelic

Photograph by
Praveen Venkatesh-Quality/Metals



TALENT CORNER DRAWINGS

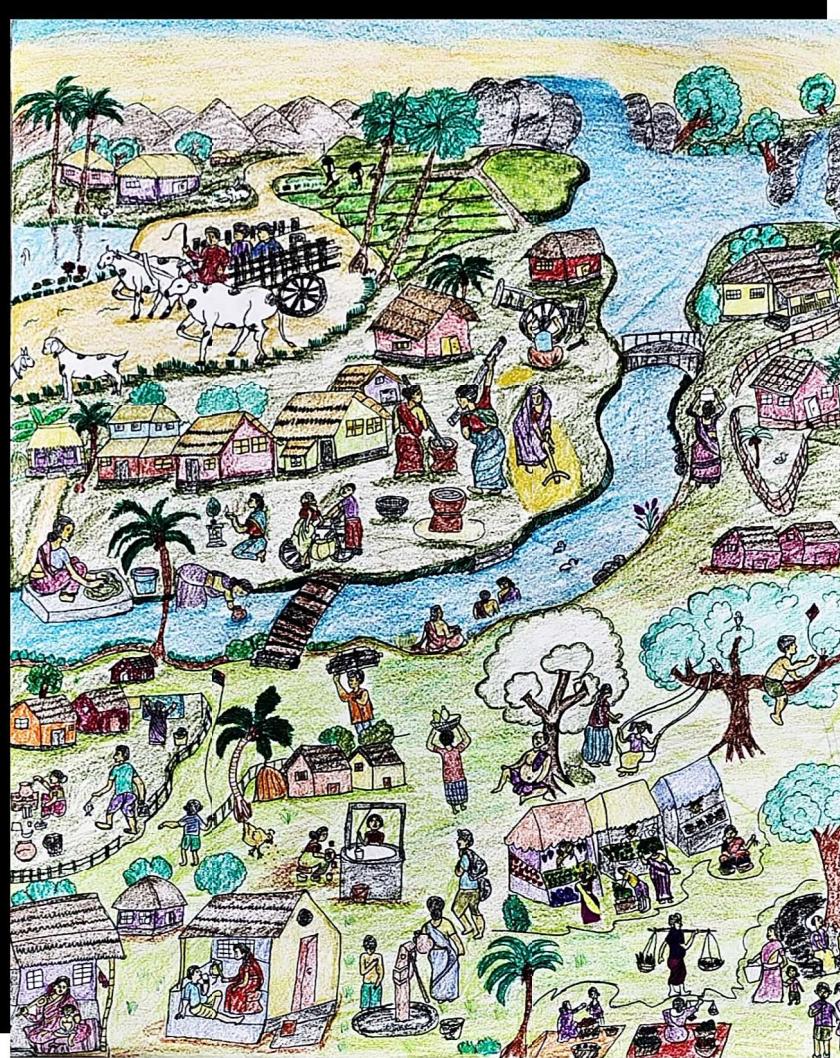


Malleshwari R Sourcing Cables

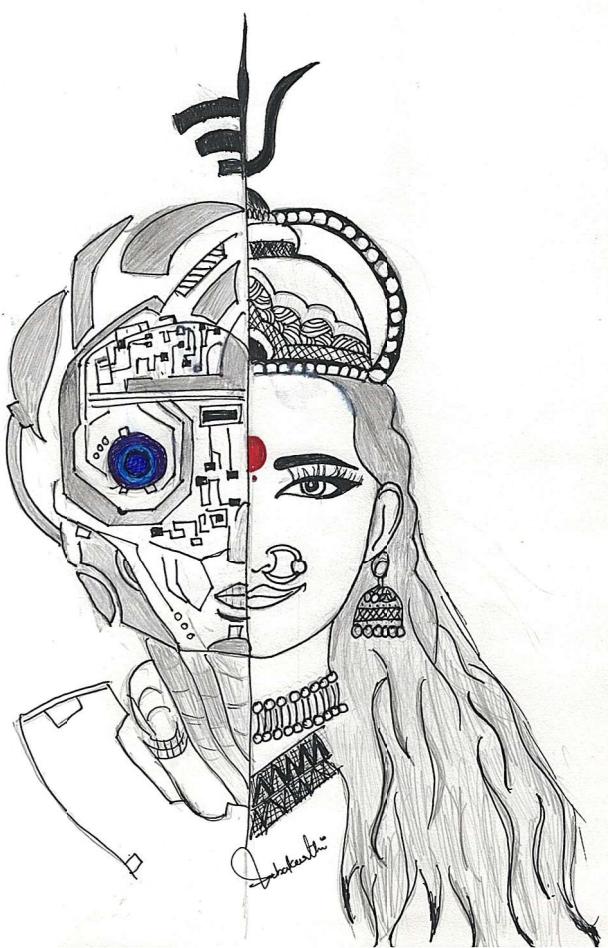


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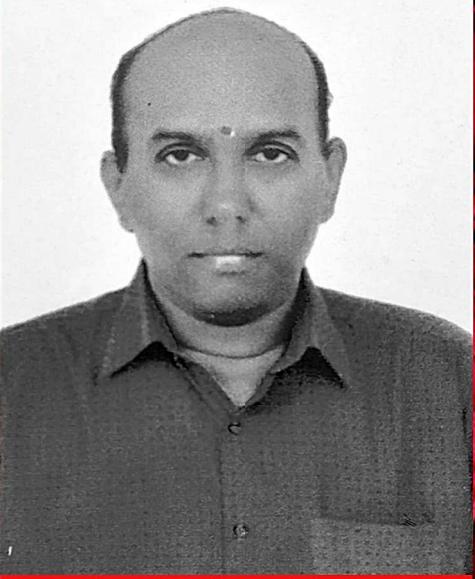




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RAMKUMAR . J

Executive - Accounts



SUNDER

Operator



NAVEEN KUMAR

Operator

In our Memories

**As long as we live,
they too will live;
for they are now a part of us,
as we remember them.**



VIOLIN'S GLOBAL PRESENCE

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Unit 2 Machining

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Unit 3 Cable & Wire Harness ,HLA

Unit 4 EMS

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Volume 01