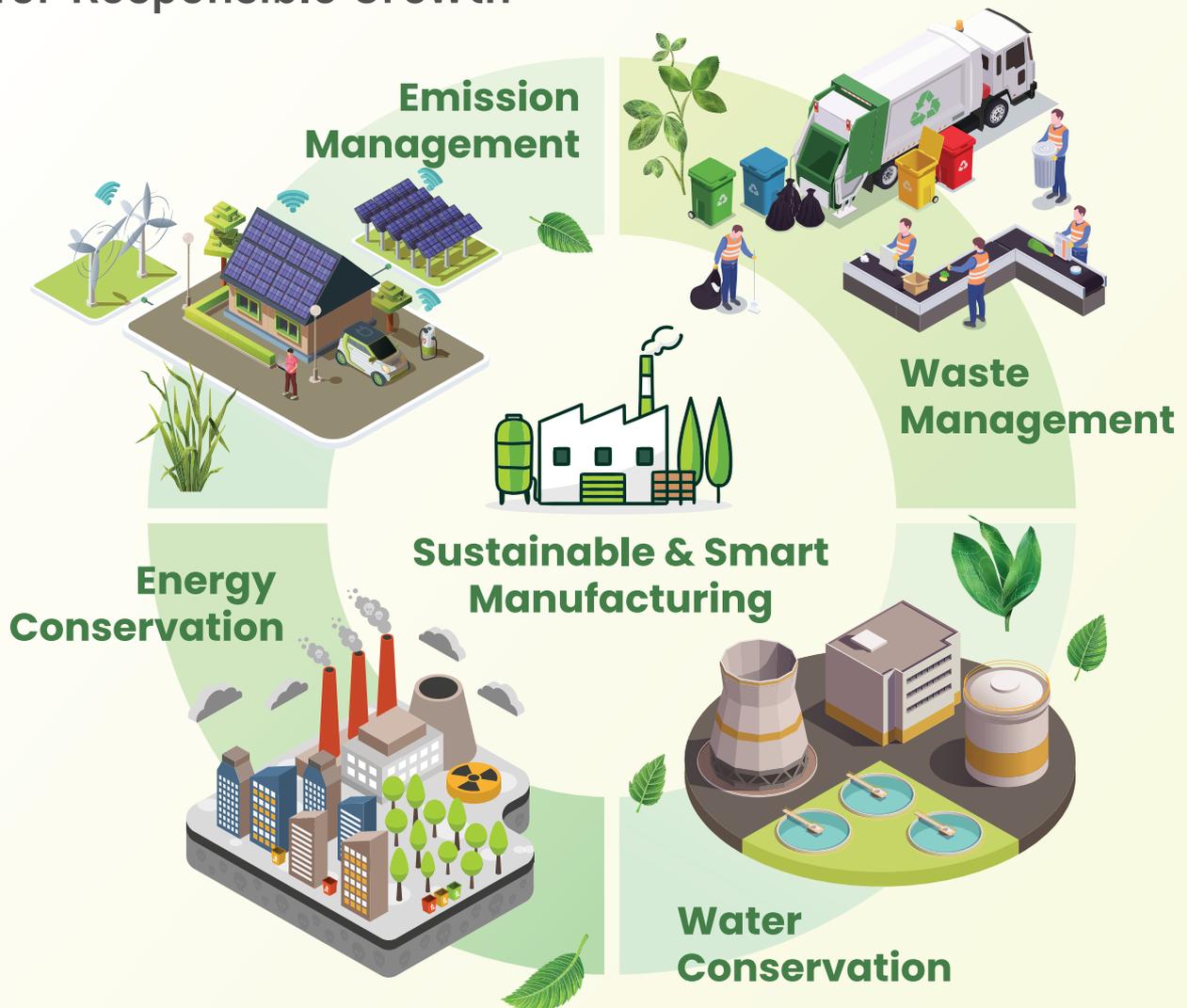


PROPEL

ISSUE 40 | JAN 2025

Sustainable, Smart Manufacturing
for Responsible Growth





The World of Rane

Rane Holdings Limited (RHL)

Rane Brake Lining Limited (RBL)

Rane Engine Valve Limited (REVL)

Rane (Madras) Limited (RML)

- Steering & Linkages Division (SLD)

- Light Metal Castings India (LMCI)

- Rane Auto Parts (RAP)

Rane Steering Systems Pvt. Ltd. (RSSL)

ZF Rane Automotive India Pvt. Ltd. (ZRAI)

- Occupant Safety Division (OSD)

- Steering Gear Division (SGD)

Rane Holdings America Inc. (RHAI)

Rane Holding Europe GmbH (RHEG)



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Crossing Milestones While Laying Foundation for Future Growth



As the year 2024 comes to an end, Harish Lakshman, Chairman - Rane Group reflects on the year that went by and shares key focus areas for the coming years.

Reflections on 2024

The automotive industry has seen its share of highs and lows in recent times. 2024 has been a year of resilience and adaptability for both the industry and Rane Group. Despite challenges, we achieved milestones worth celebrating and laid a robust foundation for future growth.

India's automotive industry faced a mixed performance across segments. The passenger vehicle market showed evolving consumer preferences, favouring utility vehicles over conventional models. Similarly, the two-wheeler segment stood out with robust growth, driven by

demand from urban and rural sectors, while electric variants steadily expanded their footprint.

On the flip side, the commercial vehicle market faced setbacks due to infrastructure slowdowns, and the tractor segment shows early signs of revival, driven by favourable monsoon conditions and improving farmer sentiment due to better MSP, etc.

Rane's Performance: Resilience Amid Change

2024 has been an important year for the Rane Group as we continue navigating the ongoing merger of RML, RBL, and REVL. With regulatory approvals progressing steadily, we are confident that this merger will conclude positively by April, marking the beginning of a unified era of strength and synergy.

In alignment with this transition, we will be renaming our divisions to reflect our integrated vision and shared goals. These new identities, set to be unveiled in February, will highlight our collective capabilities and position us for an exciting phase of growth and collaboration.

Despite fluctuating market conditions, Rane Group demonstrated adaptability

throughout the year. The domestic OE segment showed growth, signalling the growth in market share, while challenges in exports were attributed to the demand slowdowns across geographies and served vehicle segments.

Our group companies continued to prioritize cost efficiency, customer delight and sustainability, earning recognition and accolades from esteemed customers.

Driving the Future with Advanced Technologies

Rane Group shares a significant milestone in its journey toward innovation and excellence. A new inflator plant and sled test facility have been inaugurated for the Occupant Safety Division at Trichy, Tamil Nadu. With an investment of nearly Rs.100 Crores, this state-of-the-art facility strengthens our commitment to enhancing local content in airbags, aligning with the "Make in India" initiative.

The inflator plant will initially produce Driver and Passenger variants, with an annual capacity of approximately 3 million inflators. The Sled facility enhances our capability in the testing and enables us to offer products at reduced lead-time.

Further emphasizing its commitment to technological innovation, Rane has deepened its collaboration with the ZF Group, marking a new chapter in steering system advancements. The joint venture, ZF Rane Automotive India Private Limited, is set to introduce Rack Drive Electric Power Steering System technology to the Indian market.

Additionally, through a licensing agreement, Column Drive Electric Power Steering System technology will be exclusively utilized by Rane Steering Systems Private Limited (RSSL), following the buyout of NSK and the subsequent renaming of the company to RSSL.

These initiatives solidify the Rane Group's position as a complete steering systems provider, offering next-generation technologies that enhance safety, comfort, and performance.

Commitment to Responsible Growth

At Rane Group, while our vision for profitable growth is interconnected with our commitment to responsibility and sustainability. We recognize the critical need to balance business success with environmental awareness, ensuring that we create long-term value for all stakeholders.

As part of our ongoing efforts, our group companies are actively pursuing GreenCo certifications for their

manufacturing facilities, setting a strong foundation for environmental responsibility. Additionally, we have set internal targets to reduce landfill waste, improve waste management practices, and separate hazardous from non-hazardous materials.

A recent highlight in our sustainability journey is the development of fossil-free tie rod linkages, a significant innovation in our product design and manufacturing processes. This breakthrough not only aligns with our green vision but also earned our facility the Green Product Ecolabel certification from CII for steering and linkages. The manufacturing of these green steering linkages emphasizes sustainable practices through green procurement and plays a crucial role in reducing Scope 3 emissions.

Strengthening the Rane Culture

For the second consecutive year, all Rane Group companies have been certified as a "Great Place to Work." This recognition signifies our commitment to nurturing an inclusive, high-trust workplace culture.

As we reflect on the progress we have made in 2024 and look forward to the opportunities ahead in 2025, I want to thank all the employees for your dedication and hard work. Your

contributions have made Rane Group not only a company but a thriving community where we can excel together and achieve our shared goals.

Maithri celebrations, an exclusive initiative for our senior management, continues to strengthen collaboration and leadership within the organization. The ACE Awards further recognize exceptional performance, encouraging a culture of continuous improvement and excellence.

Message to Stakeholders

At Rane, our journey has been built on the pillars of trust, values, and collaboration, guiding us through an ever-evolving business landscape. The confidence of our stakeholders fuels our ambition to excel and reach new milestones. To our customers, suppliers, investors, and partners, we extend our heartfelt gratitude for your support and trust. We remain committed to creating enduring relationships and delivering value that strengthens our shared legacy.

While the global outlook may seem uncertain, India's future remains bright. The journey ahead is filled with vast opportunities for growth and success. Let us leverage our collective strengths to drive efficiency, explore new avenues for expansion, and push the boundaries of technological advancement.

Rane Steering Systems: New Beginnings



Rane NSK became Rane Steering Systems following RHL buying out shares of its Japanese partner. This is more than just a name change and is expected to launch the company on a faster growth trajectory. Makesh A, President, RSSL, tells Rane Propel how

Rane Steering Systems (RSSL) was established in 1997 as Rane NSK following a joint venture with NSK Japan to manufacture steering columns for the major commercial and passenger vehicles OEMs and intermediate shafts for off-highway terrain vehicles. Following a restructuring of NSK Japan and realizing the need to expand its product offerings to leverage a fast-growing Indian market, the company has bought out the shares of NSK and the joint venture was converted into a technical collaboration.

In addition to the collaboration with NSK, now renamed NSCI, Rane has also entered into a collaboration with the German automotive company, ZF, to expand its Column Electric steering systems products offering and market reach. RSSL had been mainly focused on making mechanical columns till now, with either customer

sourcing motor and ECU or NSCI directly handling this responsibility. But, with the ZF collaboration, it has now enhanced its capability to include electronic systems too and deliver complete systems that include a motor and ECU. The company has four plants across India, and they have the capacity to meet the additional demand with optimal investments.

This strategy is likely to deliver results as the company is in the verge of adding new OEMs to its customer base and also expect these collaborations to open up export markets. To meet its vision of more than doubling its revenues by 2030 and to create new product variations based on customer needs, the company is also focusing on training its existing staff to upskill them and hiring new talent to fill up any gaps. If necessary, the company will also work with third party vendors to come up to speed, like in the area of product safety /cyber security.

Efficiency and Cost Competitiveness - Key Focus Areas

To meet its vision for 2030 and sustain the momentum, the company is planning on

cost correction with existing customers where applicable. This will also be supplemented by initiating programs to improve operational efficiency by reducing the costs of materials, labour, and power using automation and sustainable practices.

Electronics components are typically imported but now the company will identify suppliers in India to localize important key commodities. This will help with supplier diversification, lowering cost of manufacturing, as well as reducing the time to market. In addition, the company will also focus on expanding its reach in the commercial vehicles segment to enhance sales revenue which will help in improving the absorption of fixed costs.

Compatibility to applicable standards, reducing noise levels to meet the growing Electric vehicle demand along with new value added features will be the other areas of focus to ensure the products meet the ever-changing requirements of the market. This will also require closer collaboration with customers to improve customer satisfaction.

Industry Impetus

The Indian passenger vehicle industry, with only 40-42 cars per

1000 people, is well below the global average and is expected to grow. Though this year there is some slowdown, this trend is expected to reverse next year. With GDP growth projections of 6-7% average in the next 4-5 years, the outlook for the Indian vehicle industry is very positive. Commercial vehicles too are expected to register growth.

There are only three major players for electric power columns in India, RSSL has a major share of this market and going forward “We are looking at becoming a market leader with addition of new OEM’s with increasing vehicle base,” explains Makesh.

Quality Focus

Rane as a group emphasizes on quality in all aspects business and in particular of manufacturing processes and the end-product. The joint venture with NSK had also enabled RSSL to create systems and processes that ensured total quality management and traceability. With investment in smart technologies, the company will continue to ensure quality, performance, and safety.

Makesh A, President, says, “There is a well-defined quality system in the organization. We have strong process/product audit system well supported by standard operating procedures. We have deployed Poka Yokes to minimize errors and process skips.”

The company also spent time on understanding customer touch points, doing a detailed study across all customers, across all products. This helped them map all the customer touch points and recalibrate wherever it was missing. This has ensured a good quality & warranty performance.

Smart Manufacturing

Industry 4.0 technologies such as IoTs have become essential for manufacturing companies to become sustainable and efficient. The Rane group companies, including RSSL, also have been investing in the relevant technologies.

Improvement in OEE, Traceability, paperless management, Energy efficiency, Data analytics and Smart manpower planning were the key focus areas. Freight management is another area of interest. All these initiatives are on various level of maturity and this is expected to fully mature by year 2025-26.

“The unique thing that we have done in traceability apart from FIFO (First In, First Out) is to stop process skips, and be alerted in case of abnormality handling, for reuse of parts, and for operator controls. Some manufacturing controls are also being integrated for improving traceability,” says Makesh. This has been implemented in nearly 70% of the lines.

The company is taking a modular approach and integrating all for end-to-end workflow management.

Uniqueness of RSL

The company has plants in four locations – Bawal and Rudrapur in north India, Ahmedabad in west, Chennai in south. This brings in a high diversity of culture, with people management playing a key role to ensure the diversity is respected while goals are aligned.

The company has been recognized by Great Place to Work for the last two years, and was also recognized in the Rane Maithri event for Excellence in HR Practices.

The second area of uniqueness is that RSSL is availability of in-house cold forging technology. The third is the company’s industry-institution collaboration. “We set up a center of excellence in VIT Vellore, where the students come and get trained in our products and processes,” explains Makesh. Some of the interns are also absorbed, shortening the training time and improving their productivity early. This has also helped reduce attrition levels.

Getting the right people will be key for RSSL to see its plans fructify. With a holistic approach to growth, the company is optimistic about achieving its goals and growing at a fast rate to become a market leader.

Sustainable, Smart Manufacturing for Responsible Growth

The Rane Group has been focused not only on growth with quality but social responsibility too. In addition to running a Foundation for its CSR activities, the company is committed to sustainable development and constantly works on four focus areas to meet ESG goals. It is also using smart manufacturing solutions to improve the efficiency and effectiveness of its sustainability strategy. Here is an overview.

Sustainable growth has been part of Rane Group's strategy even before laws were passed enforcing them. With ESG goals becoming a mandatory requirement for all businesses across sectors, across the globe, Rane continues to invest in sustainable practices across different areas to ensure all stakeholders, the communities we operate in, and the environment benefit and suffer minimum to no damage.

Dimensions of Sustainability at Rane

Rane's sustainability efforts can be divided into four categories: Energy Conservation, Emission management, Waste management, Water conservation.

Energy Conservation:

Energy conservation measures are deployed with the latest technology and by adopting smart measurement devices.

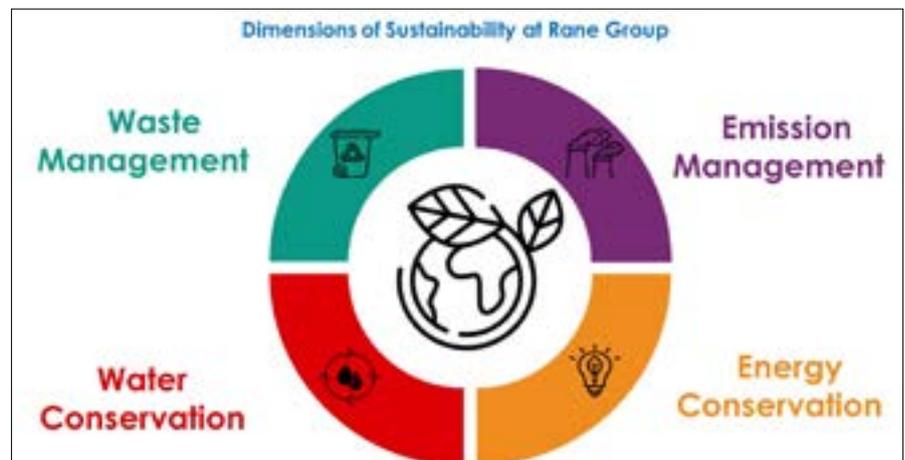
Emission Management: As there is a recognition of the importance of transitioning towards cleaner energy alternatives, the Rane companies have devised plans to incorporate ground-mount solar installations within their manufacturing facilities in the upcoming year. Some opt for a hybrid approach that integrates both solar and wind power.

Currently, the entire group collectively fulfils 36% of its power requirements from renewable sources. With the upcoming operationalization of in-house solar installations and new group captive

projects, the renewable energy contribution is projected to be at 38% renewable energy in the coming years.

Waste Management: Rane Group aligns its waste management strategy with the ESG goals that recommends the reduction of waste generated in the plants to minimize pollution. The initial target was to reduce the waste generated by 5% and involved monitoring performance of companies month on month by a committee set up for the purpose.

Rane plans to incorporate the Black Box Technique to progressively reduce and manage waste. The Black Box technique involves testing a process by providing an input and observing the output generated by the



process. This will identify how the process responds to expected and unexpected user actions, response time, usability issues and reliability issues. New projects will be identified and their progress will be monitored in monthly review meetings.

Water Conservation: Rane is using a Reduce, Reuse and Recycle concept for water consumption. Water consumption is being limited with monthly and yearly target 5% reduction from previous year's consumption. Water consumption is also being monitored using the digital water flow meter.

Another initiative is to categorize the raw water consumption into domestic and process purposes and monitor the water consumption separately. Introducing the water balancing sheet to analyse the water flow for the plant consumption, observing waste water treatment plants to achieve 85% water conversion target, and tracking water utilisation for product manufacturing are some of the other initiatives.

The Role of Smart Manufacturing to Achieve Environmental Goals

Smart manufacturing plays a key role in ensuring sustainability. A data-driven approach helps in identifying patterns and areas needing

improvement, ensuring continuous refinement of the various sustainability strategies undertaken by the company. This helps with real-time monitoring to prevent wastage and optimize processes.

It also helps create focused training and awareness programs for employees to empower them and facilitate employee-driven green initiatives within manufacturing plants.

Traditionally, data related to the different sustainability aspects were gathered from different manufacturing entities in Google Workspace. This data was used to capture patterns and identify areas of improvement.

With the Industry 4.0 and the IoT platforms coming into play, solutions have been implemented to fetch these data points in real-time to evaluate the overall performance, monitor progress, and plan improvements.

Each of the 4 aspects of sustainability are tracked individually to get the right level of context, understand the different needs correctly, and create focused plans for improvement. This helped reduce operational costs and facilitate meeting sustainability goals. There is also a push

from the market to comply with ESG requirements, making it essential for the company to do so. BRSR (Business Responsibility & Sustainability Reporting) has also been made mandatory, making this data crucial.

In the last one year, the HSE team validated the environmental data by physical visit to all 27 facilities with relevant evidence. It takes cognizance of the varying degree of preparedness to validate data depending on if a plant is using a digital meter or a Smart meter that is network-enabled. Those with the digital meters are also encouraged to opt for smart meters to improve their decision making.

Benefits of Data Management and Traceability

While different Rane companies use different technologies, where it is AI/ML enabled, the company has traceability as one of the advantages. This helps with

- **Predictive maintenance:** Based on past data, the company can predict the future maintenance needs and plan scheduled downtimes to improve machine performance as well as prevent unplanned delays due to breakdowns.

- **Planned Training:**
Provide teams with relevant training in the evolving technologies and trends to empower them to make informed decisions and contribute proactively for Total Employee Involvement.
- **Create Strategies:**
Analytics also helps the company identify gaps and create focused strategies to strengthen the areas and accelerate growth.
 - For instance, AI is extensively used in one of Rane's businesses to improve worker safety using Machine Vision.
 - Another area of focus is the quality of the product where data helps to understand whether the machine, the material, or a process is affecting the product quality.
 - The third is to predict the life of machines such as the grinding wheel and deciding on whether to invest in maintenance or replace with a more modern system. Generative AI also helps with improving the quality of decision making.

Making Smart Sustainability-Related Decision - Plans and Trends

Waste management is critical as the waste may contain hazardous material which a third party has to handle. This poses risk for the workers handling the waste. Therefore, Rane, as a responsible company, tracks waste generation right at the source points. The two key aspects being tracked include: the generation and the disposal of the waste. The two data points are currently captured using the traditional method but plans are afoot to use smart technology.

This will be especially helpful in reducing the waste generated by grinding metal. It typically gets ground with the coolant and gets deposited. Disposing it is the only option. But Rane is looking at how to minimize the generation of waste itself.

Another area of interest is related to water conservation. Some of the plants are equipped with smart meters, which helps track the usage pattern and potential leakages. This can help with controlling wasteful consumption proactively by determining the root cause.

The fuel consumed within Rane premises is also monitored closely. For instance, the two light metal

casting units in Hyderabad had been using furnace oil as the fuel till last year. Now, it has been replaced by piped natural gas. Every liter of gas that is sent into the furnace operations is measured precisely to understand its cost efficiency as well as reduction in emission

Electricity consumption is another area that is measured to analyze consumption from the grid and look for alternatives to improve efficiency.

Real-Time Tracking for Improved Asset Performance

ZRAI-SGD improved asset performance through real-time tracking of machines and getting data on losses such as breakdown, startup, setup tool changes, minor stops, rejection/rework. Using the lean methodology and focused improvements, the company was able to eliminate the losses and improve OEE.

BENEFITS:

- 8-10% improvement in OEE
- Critical machines of all 3 plants on a single Dashboard

Harish Lakshman, Chairman - Rane Group Speaks on Sustainability at CII Cost Congress, Chennai



Sustainability encompasses a broad spectrum of interrelated responsibilities that demand a structured approach. The OEMs are also raising the bar, demanding sustainability as an integral part of the value they receive. This shift represents an opportunity for businesses to align their practices with the needs of a more conscious and responsible market.

Benefits of Sustainable Development

include lower costs, higher efficiency, improved profitability, optimized resource utilization, enhanced competitiveness, improved regulatory compliance, increased investor confidence and improved credibility.

Challenges

Some of the key challenges faced include gaps in data collection processes, lack of clarity and awareness among employees about the importance of sustainability,

and aligning diverse stakeholder perspectives. Resource availability and technological scalability also pose significant hurdles.

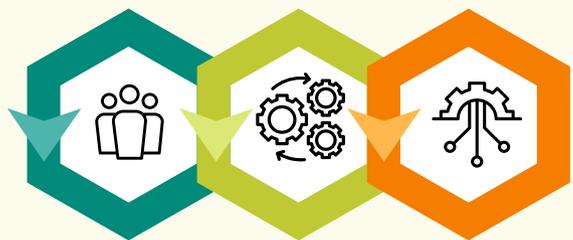
Managing the complexities of the supply chain, particularly with Tier-2 and Tier-3 suppliers, remains a significant challenge. Many suppliers lack awareness or understanding of sustainability requirements, making it harder to reduce Scope 3 emissions.

Regulatory hurdles are another challenge with increased compliance issues with regulations such as EPR.

“While adopting sustainable strategies, we not only minimize environmental impact but also build efficiency and lower cost.”

3P Approach

Overcome challenges and embed sustainability through 3Ps, namely People, Process and Product



People:

Create a work culture that promotes growth, inclusivity, and responsibility through collaboration, transparency, and mutual respect.

Process:

Adopting efficient, innovative practices that minimize our environmental impact while enhancing productivity.

Product:

Design products that are energy-efficient, durable, and recyclable, reducing their environmental footprint throughout their lifecycle.

Rane Foundation Enhances Healthcare Infrastructure at Child Trust Hospital

Rane Foundation recently donated IT server cum storage units and advanced operation theatre monitors with Central Monitoring Systems (CMS) to the Child

Trust Hospital. These high-end monitors track vital signs, anaesthetic depth, drug effects, and temperature, ensuring precision and safety during surgeries. By

empowering healthcare institutions with the right tools, we continue to contribute meaningfully to society, creating a lasting impact.



Eye Screening Camp by Rane Foundation and Apollo Eye Foundation

Rane Foundation, in collaboration with Apollo Eye Foundation, recently organized an eye screening camp aimed at enhancing eye health within our community. The camp was conducted for students, their parents and grandparents. A total of 830 individuals were screened during the camp, ensuring that each participant received personalized attention and care. Among



them, 124 were provided with spectacles to address their specific vision needs, making a tangible difference in their daily lives.



This initiative highlights our commitment to the health and well-being of our community as we continue to build a brighter, healthier future for generations to come.

Celebrating Children’s Day at Rane Vidyalaya

Rane Vidyalaya celebrated Children’s Day on November 14th with excitement, honouring the legacy of Pandit Jawaharlal Nehru.



The day was dedicated to cherishing childhood and creating unforgettable memories for its young learners.

The celebration began with a special assembly conducted by the teachers and a brief introduction about Pandit Nehru’s life and his profound love for children, setting the stage for the day’s events.

The teachers went above and beyond their regular roles, presenting a power-packed performance that included recitation of poems, inspiring

speeches, lively singing, energetic dancing and a delightful drama. Engaging games were organized by the teachers, filling the campus with laughter and excitement.

The principal, R Nagarajan, addressed the students with an encouraging message, emphasizing the importance of curiosity and creativity in shaping their futures. Such celebrations show Rane Vidyalaya’s commitment to holistic development in every child, making their learning journey truly special.

Rane Vidyalaya Hosts Inter-School Basketball Tournament

Rane Vidyalaya hosted the RSSC Inter-School Sahodaya Basketball Tournament for boys under the age of 12. This much-anticipated event brought together 12 schools from across the district, offering a platform to showcase exceptional



teamwork, strategy, and sportsmanship.

The tournament began with a ceremonial inauguration, setting the tone for a day of intense and spirited competition. Teams competed in pool matches, with the top



two teams from each pool advancing to the knockout stage.

After a series of fierce competition, Amirtha Vidhyashramam, Trichy, emerged as the well-deserved champion of the tournament. Care International School, Trichy, secured the runner-up position, impressing everyone with their determination and inspiring sportsmanship. Such tournaments promote unity, discipline, and healthy competition among students.

Maithri 2024 - Fostering Unity and Recognizing Excellence

Rane Group celebrated Maithri 2024, an annual get-together for the senior management. Maithri means goodwill, friendship and bonding. At Rane, we have all stood by these principles in our relationships. The event was packed with exciting performances and entertainment, making it a memorable experience for everyone.

The management's dedication to organizing such events highlights the commitment to a vibrant work culture. This event reflects our belief in recognizing and celebrating the hard work of every team member, fostering unity and appreciation throughout the company.

Maithri also serves as a platform for presenting the prestigious ACE (Achieving and Celebrating Excellence) Awards for 2023-24. The awards recognized and honored the teams who had made remarkable contributions to our organization's growth and success.

ACE AWARDS 2024

Excellence in Business Performance



Rane Brake Lining



Excellence in Plant Operations



Winner
Rane Brake Lining, Trichy



Runner up
ZF Rane Automotive India
Occupant Safety Division,
Singaperumal Koil



Runner up
ZF Rane Automotive India
Occupant Safety Division,
Siruganur

Excellence in High Impact Initiatives



Rane (Madras) - Light Metal Castings India
Enhancing the Machining Capacity by Leveraging Technology



ZF Rane Automotive India
Occupant Safety Division
Creating Ecosystem for Local Machine Building



ZF Rane Automotive India - Steering Gear Division
Investment Cost reduction by Process Innovation & Indigenisation



Rane (Madras) - Steering & Linkage Division
EPS Software Development - Lean Road to Precision :
Bugs to Breakthrough

Excellence in HR Practices



Rane Steering Systems

Special Recognition Award



Corporate Initiatives

Focusing on Growth and Excellence: Key Insights from the Leadership Meet

The Plant Head and Function Head Meeting of Rane Group was a significant step toward aligning business objectives with the evolving demands of the market and stakeholders. Bringing together senior leadership, the event focused on strengthening strategies for sustainable growth, operational efficiency, and stakeholder satisfaction.

A highlight of the meeting was the keynote address by Sarath Reddy, Founder & Chief Investment Officer, Unifi Capital who emphasized the critical importance of meeting

investor expectations. His address highlighted the necessity of achieving consistent bottom-line growth of 15% -18% - a benchmark that reflects financial health and operational excellence. By drawing attention to this imperative, he encouraged leaders to think beyond immediate challenges and focus on long-term value creation.

The discussions at the meeting centered on driving performance improvements across key business functions, from enhancing

margins and operational efficiency to enhance customer engagement and employee satisfaction.

Employee engagement also featured as a core pillar of the discussions, reiterating the need for a motivated and empowered workforce to achieve the company's ambitious goals. The alignment of organizational culture with strategic priorities remains significant in translating ideas into measurable outcomes.



Rane Promoting Wellness: Chennai Runs 2024

At Rane, we believe that employee wellness is an important element of a happy and productive workplace. Our employees enthusiastically participated in the Chennai Runs 2024, organized by Chargebee.

The Group has been promoting employee wellness and fitness through various

initiatives, and enabling participation in marathon events is one of them. Fostering active involvement in such events creates a vibrant and healthy workplace. Over 100 employees from our company enthusiastically participated in the marathon. For many, it was a chance to step out of their comfort zones and accomplish something

new - whether it was completing their first 5K or pushing their limits in longer races.

We are proud of our employees for their enthusiasm and determination and taking a significant step toward building a healthier and stronger community.



Rane Group Conducted Tech Day at Maruti Suzuki India Limited

Rane Group conducted a Tech Day at Maruti Suzuki India Limited, Tag Avenue, Gurgaon, marking another significant milestone in our longstanding partnership of over four decades.

The event showcased Rane's latest technologies and provided insights into our technology development roadmap. It served as a valuable platform for both organizations to explore emerging trends in the

automotive industry and align on future opportunities.

The leadership team of MSIL shared their vision for the industry's future and emphasized the critical role of collaborative partnerships in achieving their ambitious MSIL 3.0 strategy.

As a trusted partner, Rane remains committed to leveraging its expertise

and innovation to co-create solutions that support MSIL's growth and contribute to the broader goals of the automotive ecosystem.



Daimler Q-Prime Certification for ZF Rane



ZF Rane Automotive India Pvt. Ltd. - Steering Gear Division won an award for achieving Q-Prime certification from Daimler India Commercial Vehicles in recognition of its end-to-end quality excellence.

Volvo Eicher Outstanding Contribution Award for Rane Steering Systems



Rane Steering Systems Pvt. Ltd. won an award for Outstanding Contribution in Supply Chain Management under the Proprietary Category from Volvo Eicher Commercial Vehicles Ltd.

Toyota Outstanding Contribution Award for Rane Engine Valves



Rane Engine Valve Ltd. received the award for Outstanding Contribution by achieving Zero Defect Supplies for the year 2023 from Toyota Industries Engine India Pvt. Ltd.

Rane Aftermarket Business Launches a New Product

Rane Aftermarket Business launched a new product, Neu Silky Engine Oil, designed to cater to all vehicle segments. This versatile product offers a wide variety of engine oil grades, including Mineral, Synthetic, and Semi-Synthetic

options, ensuring high-quality solutions for the diverse needs of our customers.

Associate VP - Rane Aftermarket Business.

This product was officially launched by T Giriprasad, President - Rane Aftermarket Business, and V Narayanan,

By expanding our product offerings, we strengthen our portfolio and reinforce our commitment to excellence in the aftermarket industry.



Rane Aftermarket Mega Meet



Rane Aftermarket Business hosted a Mega Meet in Kolkata, bringing together a significant number of diverse stakeholders from the automotive industry. The participation of various mechanics, dealers, and

distributors provided an opportunity to showcase our aftermarket products and enabled direct engagement with end-users and key partners.



Harish Lakshman Shares Inspiring Insights with Students

Harish Lakshman, Chairman - Rane Group recently connected with young minds at two special events, sharing his thoughts on leadership, learning and creating impact.

As the Chief Guest at the SSN Graduation Day for the Class of 2024, he addressed the graduating students, emphasizing the importance

of lifelong learning, adaptability, and ethical leadership in today's rapidly evolving world.

In another significant engagement, he graced the Valedictory Session of the MMA All India Management Students Convention 2024 as the Distinguished Chief Guest. During his address, he shared valuable lessons from

his professional journey and highlighted the importance of building strong networks and fostering collaboration to thrive in their careers.

Both events were a source of inspiration for the young minds, leaving them motivated to aim higher and create meaningful impact.



Rane Brake Lining Limited, Trichy rated as GreenCo Gold

Rane Brake Lining Limited - Trichy facility has successfully achieved the standards in accordance with the Green Company Rating System and is being rated “GreenCo Gold.”

evaluates companies on the environmental friendliness of their activities using a life cycle approach. Implementation of GreenCo rating enables us to make products and operations greener.



The GreenCo Rating is a holistic framework that

Rane Group Celebrates National Energy Conservation Day

Energy conservation is a priority at Rane Group. This year, we proudly celebrated National Energy Conservation Day, uniting with a shared goal to save energy and protect our planet.

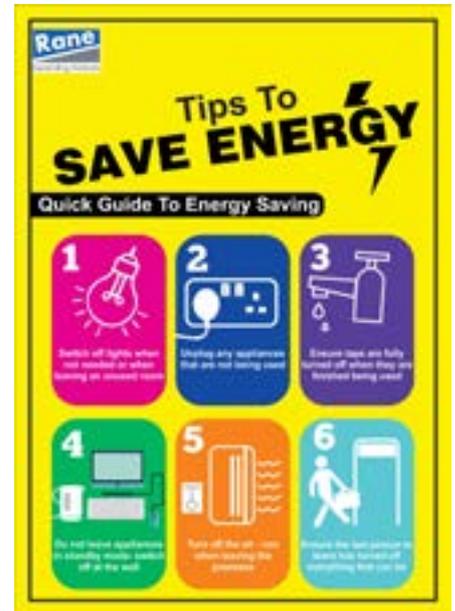
reflecting our consistent efforts to lead by example in adopting sustainable practices.

The day was marked by a series of engaging campaigns and activities organized across our group companies. These initiatives highlighted the critical role of energy efficiency in shaping a sustainable future. Employees actively participated in these events, fostering awareness and generating ideas to incorporate energy-saving practices in our everyday operations.

One of the significant highlights of our journey toward sustainability is the certification of three of our facilities as Silver Certified Green Buildings. Designed with energy-efficient technologies, they significantly reduce energy consumption, optimize resource utilization, and minimize environmental impact.

Over the years, our dedication to reducing our energy footprint has been recognized through various accolades,

National Energy Conservation Day is a reminder of the important role we all play in creating a greener future. At Rane Group, we see it as an opportunity to reflect on our progress and reaffirm our pledge to sustainability.



“

*Progress is impossible without
change, and those who cannot
change their minds cannot*

CHANGE ANYTHING.

GEORGE BERNARD SHAW

”



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