

MONTHLY NEWSLETTER

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VINIR
ENGINEERING



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Current Affairs Of The Industry

India's aerospace forging is entering a new growth phase.

India's aerospace manufacturing is scaling rapidly. Across Tier-2 and Tier-3 cities, advanced 1400 kg+ precision forging systems are now operational, bringing domestic capability closer to global Tier-1 standards.

This shift is already creating measurable impact.

Faster supply cycles

What once required 6–12 months of import dependency is now being delivered in weeks via local manufacturing, especially for titanium structures and critical components.

Stronger production support

Growing capacity across the ecosystem is improving supply reliability for large scale programs.

Global sourcing shift

With AS9100D-aligned processes and controlled grain flow, India is becoming a credible alternative as OEMs diversify sourcing.

Cities like Bengaluru, Coimbatore, and Lucknow are steadily emerging as key nodes in the global aerospace supply chain.

Aatmanirbhar Bharat in aerospace is moving from vision to reality.



Gas Crisis Exposes a Hidden Weakness in Auto Forging

India's auto ancillary ecosystem is under visible pressure. With high gas dependency, many units are struggling to maintain furnace continuity, leading to production slowdowns, delivery delays, and rising cost pressures.

This situation highlights a deeper structural gap. Most volume-driven auto forges are optimized for scale and cost efficiency, operating on single-fuel systems and thin margins.

In such setups, flexibility is limited. When supply tightens, operations become vulnerable and recovery takes time. However, not all forging segments operate under the same constraints.

Niche, high-specification forges serving sectors like Oil & Gas, Aerospace, and Railways are built differently. With multi-fuel capabilities (FO, electric, alternate sources) and a focus on high-value, low-volume production, these facilities are designed for continuity even during disruptions.

This ensures that critical components continue to move whether for energy systems, aerospace structures or rail infrastructure without compromising timelines or performance.

Resilience in manufacturing is engineered through process flexibility, material expertise and operational strategy.

In a volatile environment, the advantage shifts toward those built for consistency under constraints.

The real differentiator is adaptability.



A Peek into March Activities

Audits & Customer Engagements

Unit I completed key re-certification and compliance audits, reinforcing adherence to stringent Oil & Gas standards. This was followed by additional scope extension and energy management audits, further strengthening regulatory compliance and operational efficiency.

Unit II also underwent critical compliance and energy management audits. Customer engagement included a visit by Jindal Saw Ltd and a qualification audit, supporting alignment on quality standards and process requirements.



Meetings & Engagement

March saw key engagement forums to drive alignment and performance tracking.

A Town Hall Meeting was conducted at Unit I, while Unit II held its 56th Town Hall along with a Quality Review Meeting.



Trainings & Learning Sessions

March focused on strengthening technical capability and operational awareness.

Unit I conducted training on Shopfloor Safety, Laboratory Management – ISO/IEC 17025, ISO/IEC 17025 – MRM and Security, along with a Yoga Session.

Unit II conducted training on Heat Treatment Process, Security Field Officer Training, and Process Video Learning Sessions, along with a Yoga Session.

These sessions support continuous learning and disciplined execution across operations.



Awards & Recognitions

At Unit I, the Stores Area received 5S Gold and Heat Treatment (QC Cabin) earned 5S Silver, with Mr. Suman recognized as Best MIS Scorer and Mr. Sujith Das as Best Safety Role Model.

At Unit II, the Production Team secured 5S Gold, the Heat Treatment Team received 5S Silver, and Die Shop Team earned 5S Bronze. The Maintenance Team was awarded Best CIP, while Mr. Thiru and Mr. Kiruba Shankar were recognized for MIS performance and safety, respectively.



Health & Wellness

Doctor visits were conducted across both units, supporting employee well-being and preventive care.

Celebrations

Sri Rama Navami was celebrated across Units I and II, along with National Safety Day at Unit II, reinforcing both cultural engagement and safety awareness.



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