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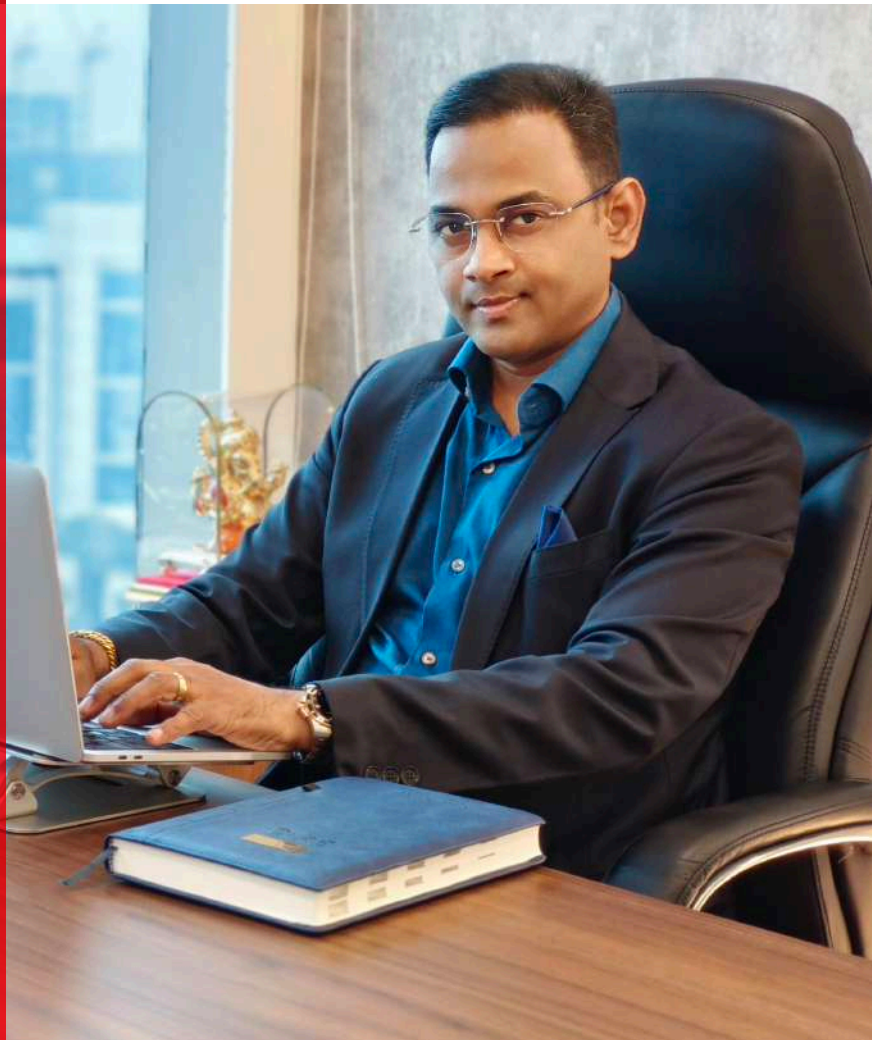
POWERING EXCELLENCE THROUGH ADDITIONAL LIFECYCLE STIMULUS



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Message from the CMD



Dear COREites,

As we unveil the third edition of our newsletter, I am reminded of the remarkable journey we are on — one defined by courage, conviction, and the relentless pursuit of excellence. CORE Energy Systems has never been content with simply meeting expectations; we have always sought to set new benchmarks. Today, that spirit is taking us to bold new frontiers.

The inauguration of our Research Wing at IITB Aspire is a proud milestone, one that underscores our belief in the power of knowledge and collaboration. Here, the nation's brightest minds and our engineers will work shoulder-to-shoulder, shaping innovations that will move seamlessly from ideas to field-ready solutions. It is a foundation built not just for today, but for the decades ahead, ensuring that CORE remains a crucible of scientific thought and engineering breakthroughs.

Our expansion into Kenya marks another defining step in CORE's evolution — a measured, confident stride into a region full of promise. This new chapter reinforces our position as a global engineering partner, carrying the precision and discipline of Indian engineering to markets where infrastructure transformation is both urgent and vital. Together with our footprints in London and Moscow, this move further affirms our role as a trusted partner on the world stage.

These achievements are not isolated events. They are part of a clear and deliberate journey: to strengthen our foundations, expand our horizons, and deliver solutions that endure. As we enter FY 2025–26 with the ambition of exponential growth, we do so not with mere optimism, but with the assurance that CORE is structurally and culturally prepared for the path ahead.

Each of you, through your passion and perseverance, has made CORE what it is today, a name synonymous with quality, safety, and innovation. Let us continue to carry this momentum forward, with the same discipline and determination that have brought us here.

Together, we are not only engineering the future, we are defining it on a global stage.

With deep pride and belief in our shared vision.

Nagesh Basarkar

Chairman & Managing Director
CORE Energy Systems Limited

Mission

Engineering Excellence | Innovation-Driven | Future-Ready

At CORE Energy Systems Limited, engineering is guided by purpose, precision, and expertise, delivering turnkey projects, specialized systems, and high-performance equipment tailored to the unique demands of the Nuclear, Defense, and Aerospace sectors. Our commitment to uncompromising quality, statutory and regulatory compliance and customer satisfaction, ensuring every solution upholds the highest benchmarks of reliability and excellence by meeting and surpassing rigorous industry standards.

Sustainability | Engineering for a Greener, Safer Future

Our projects don't just address today's challenges but they anticipate future needs. By integrating sustainable practices, environmental responsibility, and climate-resilient designs, we build solutions that stand the test of time, fostering a safer, more sustainable world.

Innovation | Safety | Industry Leadership

Innovation is the core of everything we do. We push boundaries, manage risks proactively, and uphold the highest global safety standards. With certifications of ISO 9001, ISO 14001, ISO 45001, and ISO 19443, we lead with technical superiority, compliance, and operational excellence, ensuring every solution is built for performance, reliability, and trust.

People | Trust | Empowerment

Our people are the foundation of our success. Their expertise, adaptability, and ethical commitment drive innovation and stakeholder confidence. Through collaboration, continuous learning, and integrity, we cultivate trust, delivering transparent, future-focused solutions that power a resilient energy future.

02

Made in India, Engineered for the World.



Vision

To be a globally recognized leader in pioneering innovative, sustainable, and safe energy solutions, setting new benchmarks in engineering excellence, environmental stewardship, occupational health & safety, and nuclear integrity. Through continuous advancement and unwavering commitment to quality, we aim to inspire trust, drive progress, and shape a resilient energy future.

**Global
Perspective**

**Adaptability &
Flexibility**

**Sustainability &
Responsibility**

**Quality And
Reliability**



Business Buzz

Fuelling the Future with Smarter Storage: Core's EPC Edge in BESS

By Bhaskar Reddy (AGM - Electrical)

In today's evolving energy landscape, Battery Energy Storage Systems (BESS) are no longer a support component; they are a core infrastructure element. From managing grid flexibility to enhancing renewable integration and ensuring backup power during outages, BESS has become essential to achieving sustainable, resilient power systems.

Core Energy Systems Limited is proud to lead this transformation. With a proven track record in executing critical energy infrastructure, we provide turnkey EPC solutions that ensure reliable, high-performance BESS projects from concept through commissioning.

Built to Perform: Core's EPC Expertise in BESS

Building a dependable BESS system demands more than hardware—it requires integrated planning, precision engineering, and expert execution. At Core, we bring all these together through a complete EPC framework.

Each project begins with an in-depth understanding of the client's operational objectives, be it for frequency regulation, peak shaving, renewable smoothing, or backup support. Our team conducts feasibility studies, site assessments, system sizing, and detailed engineering before moving into technology selection, procurement, and execution.

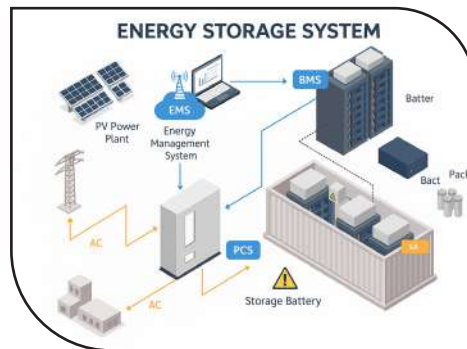
Our multidisciplinary project teams maintain a sharp focus on safety, performance, and schedule. We've successfully delivered solutions ranging from compact commercial setups to multi-megawatt utility-scale systems, enabled by modular containerized designs and strategic technology partnerships.

What sets Core apart is our technology-agnostic yet quality-driven approach, offering the right fit for every use case.

Smart Storage Starts with Smart Design

Effective storage starts with an intelligent system architecture. At Core, design is driven by data, factoring in load profiles, power requirements, environmental conditions, and cost-performance trade-offs.

We tailor every solution based on the right battery chemistry, whether lithium-ion (LFP or NMC), flow, or sodium-ion. These decisions are backed by careful analysis of cycle life, efficiency, and project longevity.



Our designs incorporate robust thermal management systems, scalable inverters, fire suppression protocols, and compliance with grid standards, ensuring safe and optimal performance from day one.

Digital control is built in through advanced Battery Management Systems (BMS), which enable real-time monitoring, remote diagnostics, and predictive maintenance. This intelligence not only enhances safety but ensures maximum uptime and long-term system reliability.

Seamless Integration, Maximum Impact

A BESS should operate as part of a broader energy ecosystem. Core specializes in integrating BESS with diverse sources like solar, wind, diesel gensets, utility grids, and industrial loads.

Our system architectures support real-time dispatch, peak load management, and grid ancillary services such as frequency regulation and voltage control.

Core Energy Systems Limited delivers end-to-end EPC solutions in Battery Energy Storage Systems (BESS), enabling smart energy storage, seamless integration, and long-term performance across renewable and industrial applications.



Whether grid-tied, off-grid, or behind-the-meter, Core ensures compatibility and responsiveness across all energy flows.

We bring deep experience with SCADA systems, relay coordination, and communication protocols to ensure BESS units interact seamlessly with both utility infrastructure and customer-side systems.

To further optimize energy use, we integrate Energy Management Systems (EMS) that provide operators with full control, enabling automation, load shifting, and participation in demand response programs. This transforms BESS from a passive asset into a dynamic energy tool.

Safety, Scalability, and Sustainability

Safety is foundational to every BESS we deliver. Each system includes multi-layered protection, from temperature sensors and fire suppression to automated shutdown protocols, all managed by our robust BMS.

Our projects are fully compliant with global safety and performance standards such as IEC, UL, and NFPA. We incorporate protective design features like insulation, proper grounding, and thermal containment to minimize risk across all operating conditions.

Scalability is built into every system we design. Our modular architecture allows easy capacity expansion or technology upgrades as energy demands grow, helping clients adapt to evolving business or regulatory needs without overhauling infrastructure.

Sustainability is another core value. We emphasize low-impact chemistries, efficient designs, and lifecycle management strategies that help reduce emissions and support clients' long-term environmental goals, including carbon neutrality.



Safety, Scalability, and Sustainability

Battery Energy Storage Systems are powering the shift to smarter, cleaner, and more responsive energy networks. They offer the flexibility, control, and resilience needed in a world defined by decentralization, electrification, and climate action.

At Core Energy Systems Limited, we are proud to lead this evolution. Our full-spectrum EPC capabilities, engineering excellence, and commitment to innovation make us a trusted partner for organizations investing in next-generation energy infrastructure.

With each project, we strive not just to store energy—but to unlock its full potential.



STORE SMART.

Smarter storage starts with smarter systems, engineered for performance, built for the future.



POWER STRONG.

From grid stability to peak performance, our BESS solutions deliver unmatched power, every hour.



CHOOSE CORE.

With Core, it's not just energy storage, it's energy strategy, executed with precision.



Project Prism

Strengthening Bonds with India's Hydropower Sector: Our Engagement with SJVN

By Abhishesh Mishra (Service Engineer)

At Core Energy Systems Limited, we believe that every project engagement is an opportunity to demonstrate our commitment to excellence, reliability, and long-term partnerships. One such milestone was our recent association with Satluj Jal Vidyut Nigam Limited (SJVN)—a leading public sector enterprise at the forefront of India's hydroelectric power generation.

Formerly known as Nathpa Jhakri Power Corporation Ltd., SJVN has been instrumental in redefining hydroelectric engineering in India through their various plants situated in the state of Himachal Pradesh. Their flagship Nathpa Jhakri Hydroelectric Power Project is not only the nation's largest underground hydro facility but also a testament to engineering innovation, with the longest headrace tunnel, deepest surge shaft, and the largest underground power complex in the country.

We are proud to share that Core Energy Systems Limited won a tender for supply of compressor spares—a significant milestone that marked our entry into a collaboration with one of the most technically advanced hydroelectric utilities in India. As per the awarded contract, we successfully delivered spare parts, adhering to SJVN's stringent quality and compliance expectations.

To deepen this engagement, a team from Core Energy Systems visited SJVN's prestigious Nathpa Jhakri plant on 7th April 2025. The visit was hosted by Mr. Veenit Dhiman, Assistant Manager – Mechanical Department, who offered a detailed walkthrough of the plant's operations. His insights provided a first-hand understanding of the complexities and innovations involved in running such a large-scale hydroelectric facility.

The technical discussions that followed were centered around turbine components, performance optimization, and future maintenance needs.

This collaborative dialogue opened avenues for further support in both mechanical and electrical domains, areas currently under active technical assessment by our engineering teams.



We extend our heartfelt gratitude to Mr. Dhiman and the SJVN team for their hospitality and technical collaboration. Core Energy Systems Limited is excited about the possibilities ahead and remains committed to powering progress across India's critical energy landscape.

“This engagement not only underlines our growing capabilities in servicing high-performance energy infrastructure but also reflects our proactive approach in building trusted relationships with public sector leaders.”

We are confident that our responsive service, precision-engineered solutions, and client-first philosophy will position us as a preferred partner in SJVN's future initiatives.



Raising the Standard: Inside Our Nuclear Quality Breakthrough

By Sandeep Patil (Quality Assurance Manager)

When Core Energy Systems set out to achieve ISO 19443:2018 certification in December 2024, I knew we weren't just chasing another quality standard—we were committing to a new way of thinking, operating, and leading. As someone who has spent years in the quality domain, I understood the depth of what this certification meant. It wasn't just about documentation or audits. It was about building a culture rooted in nuclear safety, risk awareness, and total reliability.

ISO 19443 is a demanding standard, developed specifically for suppliers in the nuclear sector. It requires traceability, risk-based thinking, and most importantly, a demonstrable nuclear safety culture. From the beginning, I saw this as an opportunity not just to upgrade systems but to inspire people.

I started by forming a cross-functional team, ten committed individuals who became my partners in this journey. We brought in external experts & internal consultants, held detailed training sessions, and immersed ourselves in understanding every clause of the standard. I encouraged open discussions, no matter how basic the questions. My focus was clear: this had to go beyond compliance; it had to become part of who we are as a company.

Of course, the challenges came quickly. Our initial gap assessment revealed inconsistencies in documentation, weaknesses in supplier qualification, and a largely reactive risk approach. I worked closely with each department to address these, often burning the midnight oil to refine SOPs, streamline records, and develop a proactive risk management model.



But the real transformation came from the internal stakeholders who contributed outstanding support to implemented ITNS (Important to Nuclear Safety) culture across organization.

“Seeing the mindset shift across the organization was one of the most rewarding experiences of my career.”

Internal surveys showed an increase in staff confidence around their role in quality and safety. People no longer saw this as “extra work”—they saw it as essential.

When the certification audit began in February 2025, after just one and a half months of preparation, we were ready.

The External Certification Agency Auditors conducted interviews, reviewed documents, inspected our processes, and walked away with zero Major non-conformities.

They appreciated our supplier evaluation framework, our risk management practices, and most of all, our deeply rooted safety culture.

In April 2025, we received our official ISO 19443 certificate, becoming one of the first companies in our region to achieve this standard. It was a proud moment—not just for me, but for everyone at CORE who believed in the vision and worked relentlessly to make it a reality.

I was deeply honored to receive the “Best Initiative Award 2025” and to see our QA team recognized with the “Best Department Award”. But more than the accolades, what stays with me is the spirit of unity, ownership, and pride that this journey sparked across the organization.



This certification isn't a destination—it's a foundation. We've committed to annual refresher trainings, supplier development aligned with ISO 19443, and a continuous improvement mindset that will carry us forward.



Looking back, I'm proud of what we've achieved. Looking ahead, I'm even more excited about what we're building—a safer, stronger, and more trusted CORE.

Breaking Barriers, Building Futures: My Journey in EPC

By Neena Paradkar (Sr. Manager Projects)

When people ask me how I ended up in the EPC world, I smile. Because truthfully, even I wouldn't have predicted this path for myself.

I began my career in sales and tendering, working on bids and commercial offers for OEMs. Later, I moved into a more analytical role as a Senior Business Analyst at Dell, focusing on pricing, market analysis, and strategy. It was structured work, and I learned a lot, but deep down, I wanted to be closer to where things were being built. I wanted to move from planning to execution.

That shift came when I joined Core Energy Systems, and that's where everything changed.

From Strategy Sheets to Steel Structures

Transitioning into the EPC (Engineering, Procurement, and Construction) world felt like stepping onto a whole new playing field. The pace, the language, the expectations — it was all different. But it was also the most fulfilling phase of my professional journey.

My first major assignment at Core was unforgettable: our first fabricated skid project for IOCL, the Liquid Ring Vacuum Pump (LRVP). It wasn't just a project; it was an immersion into execution. I was right there at the forefront, attending client meetings, reviewing engineering drawings, managing procurement, tracking fabrication, and coordinating dispatch.

Each day taught me something new. I learned how materials were sourced, how design impacted fabrication, and how ground realities shaped engineering decisions. Talking to technicians on the shop floor and understanding their challenges helped me connect theory with practice.

That project wasn't just about delivery, it marked a transformation, both professional and personal.

Being a Woman in EPC: Breaking New Ground with Core

EPC has long been a male-dominated industry, but the landscape is evolving, and I'm proud to be part of that evolution.

At Core Energy Systems Limited, I found more than just a job; I found an ecosystem that nurtured my growth, empowered my decisions, and trusted my abilities.

Yes, I've had moments where I stood out, not because I was the only woman in the room, but because I was prepared, focused, and ready to lead. Core gave me the platform to take ownership, speak up, and drive impact across every stage of a project.

The leadership here values capability, curiosity, and commitment. From day one, I was encouraged to handle client interactions, make critical calls, and push forward with confidence. Gender was never a barrier; performance always spoke louder.



“Core didn't just fuel my EPC journey; it helped me discover the leader I could be.”

The Power of Wearing Many Hats

One of the most exciting aspects of EPC is the sheer diversity of responsibilities. No two days are the same. I could be resolving an engineering issue in the morning, negotiating with a vendor by noon, and preparing a dispatch checklist by evening.

At Core, I've had the opportunity to dive into engineering reviews, procurement planning, client communication, and team mentoring. Some days I'm a problem-solver; others, a motivator or a negotiator. The role demands agility, empathy, and a hands-on mindset.

This experience has pushed me to learn things I never imagined I'd master — technical drawings, costing, execution, and client management. Every challenge has helped me evolve.

Balancing Home and High-Stakes Work

My role is demanding. Projects come with tight deadlines, unexpected hurdles, and high-stakes decisions that can't wait. Managing this alongside family life is not always easy.

I'm fortunate to have a supportive partner. My husband, a table tennis coach, understands the pressure I'm under and encourages me every step of the way. His flexibility keeps me grounded.

Together, we raise our son with the belief that both parents are equally dedicated to their careers and family. When things get overwhelming, I turn to my canvas, take long drives, or play a quick game of table tennis with my son. These simple joys bring balance to my high-paced world.

Inspired by Women Who Lead

One woman who has consistently inspired me is Vartika Shukla, Chairperson and Managing Director (Technical) of Engineers India Ltd. Her journey is a testament to what strong, strategic, and technically sound leadership looks like in an industry still finding its footing in gender balance.

She reminds us that leadership isn't just about managing targets. It's about mentoring, building trust, and inspiring change. Women don't belong on the sidelines; they belong at the table, driving innovation.

Mentorship, Inclusion, and the Way Forward

At Core Energy Systems, mentorship and inclusion aren't just values — they're everyday practice. I've had the privilege of being guided by leaders who invested in my growth,

challenged my thinking, and empowered me to lead with confidence.

Core's culture of trust, merit-based opportunities, and support at every stage has made it easier to navigate high-pressure projects while continuing to grow.

Diversity here isn't a checkbox; it's a strength. And when mentorship and inclusion come together, they don't just support careers, they build leaders.

To the Next Generation: You Belong Here

If you're a young woman wondering if there's space for you in EPC, there absolutely is. You may not see many faces like yours today, but that's all the more reason to be part of the change.

This industry needs your perspective, your energy, and your voice. Don't wait to be perfect. Ask questions, be bold, and believe in your ability to learn and lead. You'll make mistakes, but you'll also grow, adapt, and thrive.

Leadership Is Not a Title; It's an Outcome

Leadership, I've learned, isn't about having all the answers. It's about fostering trust, creating clarity, and lifting others up as you grow. At Core, collaboration takes precedence over hierarchy, and that has allowed me to lead with empathy and confidence.

Looking Ahead: EPC with Empathy and Excellence



I'm proud of the work I do. Every project completed, every challenge overcome, and every milestone reached is not just a win for me. It's a signal to every woman wondering if she can thrive in EPC.

Yes, you can.

Let's build more spaces where women in EPC are not outliers but role models. Let's normalize women as site engineers, project leads, and fabricators. Let's create workplaces that value balance, diversity, and vision.

Because success has no gender. And in EPC, just like in life, the strongest structures are built on trust, inclusion, and purpose.

Future

Fuel

Blueprint to Rs. 2000 Cr: Engineering Growth, Powering the Nation

By Team MarCom.

At CORE, we believe in results that speak louder than ambition - and engineering that delivers beyond promise. The successful closure of our Rs. 200 crore funding round is a clear reflection of this belief. It signals trust, performance, and readiness for the next level.

The Vision: Scaling from Rs. 200 Cr to Rs. 2000 Cr - and Beyond

Our Managing Director, Mr. Nagesh Basarkar, has already laid out a bold and clear vision: to transform CORE into a Rs. 2000 crore enterprise in the next three years. This vision is rooted in two decades of hard-won execution excellence and strengthened by this fresh infusion of capital from marquee investors like Ashish Kacholia, Pankaj Prasoon, and the continued goodwill of strategic partners.

The path ahead is not just about growth, it is about purposeful growth:

» *Growth that enables indigenous nuclear engineering aligned with SMR and BMR missions.*

» *Growth that strengthens India's Atmanirbhar defence manufacturing base.*

» *Growth that positions CORE as a global contender with Indian roots.*

Precision-Built Progress

Over the past two decades, CORE has steadily established itself in India's most critical sectors: nuclear energy, defence engineering, and high-precision manufacturing.

In this journey, we have confronted engineering challenges without precedent - where every nuclear project brings unique complexities, unlike any conventional build. Guided by purpose, strength, vision, and a skilled team, we have transformed these challenges into benchmarks, always upholding the highest standards of safety and quality.

With this funding, we are now accelerating on multiple fronts:

Nuclear EPC Excellence: Deepening capabilities in plant life extension, reactor refurbishments, coolant systems, and indigenous component engineering - especially for future-ready modular reactors.

World-Class Defence Manufacturing: Scaling mission-critical subsystems and turnkey defence solutions, engineered to global reliability standards.

Innovation & R&D: Expanding our engineering labs, strengthening testing infrastructure, and advancing collaborations with global R&D leaders.

Our focus is clear: scale with control, grow with credibility.

Global Partnerships, Indian Execution

The industries we serve demand global collaboration and local excellence. Whether it's reactor-grade materials or precision-built defence modules, the ability to co-engineer with international partners and execute with Indian ingenuity is CORE's true differentiator.



With this capital, we are not just funding operations, we are forging stronger alliances with global nuclear majors and defence OEMs, ensuring that India is not just a participant but a driver in future technology ecosystems.

Looking Ahead

MDAVF's successful exit and the strategic faith of our new investors send a clear signal to the market: CORE is future-ready. This is a company that has matured beyond potential into performance. And now, we are scaling that performance for national impact.

The numbers matter - Rs. 200 crore today, Rs. 2000 crore tomorrow. But what they signify matters even more:

» *Jobs created in clean energy and defence manufacturing.*

» *Technologies localized for national security.*

» *Infrastructure built with precision and purpose.*

CORE: Where Engineering Meets Nation-Building

As we look ahead, the real story isn't about funding — it's about fortification. CORE is fortifying India's readiness for a nuclear-powered, defence-secured future. Every plant, every module, every blueprint we build is a step toward national resilience.

In the words of our CMD



“ This is not just an investment. It is a mandate to scale with purpose, to lead with safety, and to build with the resolve that only engineering excellence can offer. ”

From the desks of our engineers to the corridors of policymakers, from reactor halls to battle-ready bays, CORE is engineering not just systems, but legacies.

Here's to the Rs. 2000 crore vision.

Here's to the future we are building, with steel, intellect, and nation-first intent.

Beneath the Hard Hats

Deals, Deadlines & Design: My Fast-Track into the EPC Business

By Sunny Merukar (Engineer Business Development - EPC)

They say engineers build the future. In my case, I thought it meant designing circuits, not decoding tender documents that could double as bedtime reading for insomniacs.

After completing my B.Tech in Electrical Engineering, I was selected by Core Energy Systems Ltd. through campus placement. Like any fresh grad, I walked in armed with formulas, diagrams, and the confidence that my technical skills could take me anywhere. Then reality tapped me on the shoulder: in today's industrial world, you also need to speak the languages of management, finance, and strategy — sometimes all in the same meeting.

The 3.5-month Graduate Engineer Trainee (GET) program was my crash course in "everything EPC." Design & Engineering, Procurement, and Project Planning each got a month of focused learning, while QA/QC and Sales training were a week each. We wrapped it all up by presenting our learnings to senior leadership — which, believe me, is its own kind of adrenaline rush.

Based on my performance and preferences, I was placed in Business Development for the EPC division.



And just like that, I went from electrical schematics to a world where engineering meets enterprise — with a calendar full of leads, tender documents, site visits, pre-bid meetings, cost estimations, and bid submissions. Every day is a mix of problem-solving, people skills, and plenty of coffee.

In short, I didn't go to a B-school — but Core Energy became my classroom, and the industry, my teacher.

But here's something most people don't know about me: outside of work, I'm a big fan of spiritual reading — mostly Sanskrit texts. My all-time favourite is Dasbodh, by the 17th-century saint Samarth Ramdas. It's not about rituals or religion; it's a guide to living well, thinking clearly, and keeping your cool when life (or a tender submission) throws a curveball.

Some of its lessons feel tailor-made for corporate life, like making decisions without ego, focusing on the bigger picture instead of just the urgent task, and remembering that ambition works best when paired with contentment. When deadlines are tight or meetings are intense, I find myself drawing on these ideas to stay calm, think clearly, and not lose sight of what really matters.

The way I see it, corporate life has its own cycle, growth, challenges, reinvention- just like human life.

“
Technical skills and business know-how keep you moving forward, but it's the inner balance that keeps you from running out of fuel.
”

Today, I'm proud to be an engineer by degree, a business developer by profession, and a lifelong student by choice. Core Energy gave me the platform to grow fast, but Dasbodh gives me the perspective to grow right. And between deals, deadlines, and designs, that balance makes all the difference.



Beyond Borders, Through Pipelines: A Journey of Trust and Triumph

By Ashish Shinde. (QA-Manager)

When the call came, “You’ll have to go to Italy”, I wasn’t sure if I’d heard it right. For a brief moment, it sounded like an unexpected vacation opportunity. But reality settled in quickly. This wasn’t about sightseeing or sampling espresso in Roman cafés. It was business. And not just any business, it was the TAPS Project, Core Energy Systems’ flagship venture. I was being sent for an international inspection of pipes and fittings. Glamorous? Perhaps not. Crucial? Absolutely.

The materials scheduled for inspection were vital to project execution. Delays were not an option. My role wasn’t just to ensure quality; it was also to expedite dispatch, keep the supply chain moving, and make sure everything met stringent client specifications. The challenge? This was my first international assignment. I had no prior overseas inspection experience. And I was stepping into the unknown.

There’s a moment every professional faces—the kind that makes you question whether you’re ready. For me, that moment came right then. But what shifted everything was the confidence my leaders placed in me. My reporting manager Mr. Mukund Davange, technical mentor Badri Sir, and our CMD Mr. Nagesh Basarkar, trusted me with a mission. That trust gave me a powerful sense of responsibility. I was no longer unsure. I was determined.

I landed in Italy on 14th October, carrying technical documents in one hand and nervous energy in the other. The vendor, M/s Tectubi, welcomed me with genuine warmth. I met Mr. Luca, Mr. Pietro, and Mr. Andrea, experienced, committed professionals who were ready to collaborate. But soon, the complexity of the assignment became apparent. The production had hiccups. There were schedule challenges and minor quality issues that needed immediate escalation. I knew this wasn’t going to be a checklist-style visit. It was going to test me. And test me, it did.



But here’s where the CORE spirit truly shone. Back home, my mentors were only a call away. Mr. Mukund, Badri Sir, and Dheeraj were quick to respond, clear in direction, and supportive in every decision. With their remote backing and my on-ground determination, we began tackling each issue systematically and swiftly.

What struck me was how proactive collaboration changed the equation. What initially felt like a bottleneck transformed into a breakthrough. The Tectubi team saw that I wasn’t just there to inspect, I was there to solve. As trust grew, so did the pace of work.

Our client, M/s NPCIL, especially Mr. Vinay Thattey, stood by us with equal resolve. This triangle of trust, vendor, client, and CORE, formed the real foundation for what followed.

In less than two months, we accomplished what had once seemed challenging. The critical materials were manufactured, thoroughly inspected, and cleared without a hitch. Dispatch happened right on schedule. Every quality benchmark was met, and we managed to deliver without a single delay or compromise, a testament to the power of teamwork, trust, and execution under pressure.

This wasn’t just project progress, it was a personal milestone.

Through this journey, I gained far more than inspection experience. I learned what real-time leadership looks like.

I saw how clarity and calmness under pressure can turn challenges into solutions. I experienced firsthand how trust, when placed on the right shoulders, has the power to transform doubt into drive.



I learned what it means to be a part of Core Energy Systems. We don’t just move projects forward, we carry missions across borders, time zones, and expectations.

As I flew back to India, a little more seasoned and a lot more grateful, one thought stayed with me:

You grow when you’re pushed out of your comfort zone—but you thrive when you’re backed by a team that believes in you.

To Nagesh Sir, Badri Sir, and Mukund Sir, thank you for turning this assignment into an experience of a lifetime. And to every team member who answered my calls, reviewed updates, and ensured alignment, this success belongs to all of us.

Looking back, I can proudly say:

“Shiv Dhanushya utha liya gaya hai.”

The bow was lifted, and the target was hit.

Core Focus

Powering Africa: CORE's Bold New Frontier

By Team MarCom.

At CORE Energy Systems Limited, our journey has always been shaped by foresight, resilience, and the ability to turn challenges into opportunities. From establishing a robust engineering base in India and expanding our presence to London and Moscow, to strengthening our domestic footprint with the Amernath Defence Technologies Unit and our Navi Mumbai headquarters, every step reflects our commitment to delivering integrated, future-ready solutions.

Today, we take another bold stride in our growth story. CORE is proud to announce its strategic expansion into Kenya, Zambia, and Ethiopia—three key markets that represent the future of East and Southern Africa's energy and infrastructure landscape.

Driving Value Across Diverse Energy Frontiers

In Kenya, we are establishing operations to deliver critical infrastructure support for coal mining, coal washery, and coal de-volatilisation facilities, complemented by integrated logistics solutions designed to enhance supply chain efficiency and reliability. Simultaneously, we are venturing into bauxite mining, bringing our engineering precision and dedication to responsible resource extraction into new regions.

Under our Renewable Energy division, CORE is actively implementing solar power and Battery Energy Storage Systems (BESS) to address the continent's rapidly rising demand for clean, stable, and scalable energy infrastructure.

In Ethiopia and Zambia, we are already making inroads, with projects and partnerships beginning to take shape. Building on this momentum, we are further strengthening our role in thermal power generation as well as electrical power transmission and distribution (T&D), positioning ourselves as a comprehensive solutions provider for emerging markets.



A Commitment to Sustainable and Inclusive Growth

This expansion is more than a geographical milestone—it embodies CORE's conviction that engineering innovation must support global sustainability objectives while bolstering local economies. By integrating our international expertise with regional collaborations, we seek to develop sustainable, future-ready energy ecosystems that leave a lasting impression.

Beyond Boundaries: The Next Chapter

With Kenya, Zambia, and Ethiopia now firmly on our global map, this multi-country expansion underscores our commitment to shaping the energy landscape well beyond India's borders. In line with our vision, CORE is not only strengthening its global presence but also driving sustainable progress across key sectors.

From nuclear to renewables, from defence to oil & gas, we remain steadfast in our pursuit of growth that transcends boundaries and delivers lasting value to communities and markets worldwide.



Building the Future of Energy and Infrastructure Safely, Reliably, Globally.

Bridging Academia and Expertise: Engineering That Endures

By Team MarCom.

CORE's Research Wing at IIT Aspire – CETRA A Future Defined by Knowledge

At CORE Energy Systems Limited, progress has never been about merely keeping pace — it has always been about charting the course. With over two decades of delivering mission-critical projects across Nuclear, Defence, Aerospace, Clean Energy, and Oil & Gas, our technical experts and scientific community, armed with extensive experience, consistently work at the forefront of solving the most complex challenges that shape our nation's backbone.

A Community of Knowledge in Action

At CORE, we have always believed that knowledge should be active, not static. Our technical experts and scientific community — drawn from years of experience in critical national projects — stay deeply engaged in driving innovation, safety, and precision each day. Now, through IIT Aspire, this expertise gains a new dimension: guiding young talent and researchers through every stage of the innovation cycle, from ideation and prototyping to testing and deployment.

This initiative is not about seeking knowledge; it is about expanding the knowledge we already possess. It ensures that the insights and instincts developed through decades of field experience become catalysts for solutions capable of meeting future challenges.

Building Solutions for a Changing World

CETRA is designed to be more than just a space for collaboration — it is a platform where proven expertise and academic excellence come together. Together, we will co-create technologies capable of shaping vital sectors, from advanced reactor safety systems and defence solutions to sustainable energy frameworks.

By combining the rigour of academia with the real-world depth of CORE's experience, we ensure that ideas do not stay on the drawing board but develop into practical, scalable, and impactful solutions.

This initiative reaffirms CORE's belief that the future of engineering lies in knowledge leadership. Our recent global expansion into Kenya is guided by the same conviction: that Indian engineering, strengthened by a vibrant scientific community, can deliver solutions of lasting global significance.

The inauguration, honoured by IIT leadership, not only marked the opening of a facility but also signalled the start of a new chapter under a new name — CETRA.



The Birth of CETRA

CETRA was not born as a facility alone, but as a vision. The idea to create a Research Institution in collaboration with a premier institute like IIT Bombay stems from a deep passion for applied research, bridging advanced knowledge with industrial innovation to catalyse growth for India.

CETRA was conceived with the purpose of innovating for India, engineering solutions that resonate globally, and shaping the nation's future through impactful research.



CETRA's Guiding Principles

A vision anchored in knowledge, collaboration, and innovation

स्वदेशे साधयामः
To achieve in our homeland.
A pledge to strengthen India's self-reliance and industrial leadership.

स्वयमेकः न शक्तोऽस्मि
Alone, I cannot.
A belief that progress is powered by collaboration between expertise and academia.

नवोन्मेषः भारताय
Innovation for India.
A commitment to engineering solutions that transform industries and inspire global impact.

These principles from the foundation of CETRA, CORE's Research Wing at IIT Aspire symbolising our mission to create, innovate, and drive India's leadership on the world



These words embody CETRA's spirit: self-reliance, collaboration, and innovation. The CETRA logo itself symbolises this commitment — a pledge to the Make in India vision, and to building technologies that carry India's industrial leadership onto the global stage.

As we look ahead, CETRA stands as a reminder: the future is not something we wait for. It is something we shape — with knowledge, passion, and the shared belief that together, we can redefine what's possible.



Core for a Cause

Empowering Communities: Enriching Lives

By Team MarCom.

At CORE Energy Systems Limited, our commitment to nation-building goes beyond engineering excellence. We believe in driving impact at the grassroots — through education, nourishment, and dignity. During FY 2024–25, we proudly contributed a total of **Rs. 10,28,054** under our Corporate Social Responsibility initiatives, reaching children and underserved communities through targeted partnerships.

Partnering for Purpose: Our CSR Investments

• Vaibhav Shikshan Prashikshan Sansthan (VSPS)

Amount Invested: **Rs. 3,08,416**

In support of tribal education and nutrition, CORE partnered with VSPS to distribute millets to school-going children across Maharashtra. As part of this effort:

- » Nutritious millets were procured and distributed to tribal students.
- » Awareness and engagement activities were conducted at school clusters.
- » Events were documented through photography and video to encourage transparency and inspire replication.



• Jeevan Jyoti Education Society (JJES)

Amount Invested: **Rs. 7,19,638**

Focused on education and hunger mitigation, JJES utilised the support from CORE to deliver access to learning materials, nutritional support, and community-based awareness programs in rural and semi-urban areas.

Impact Highlights

- » Over 15 schools reached through the millet distribution campaign in tribal regions (as evidenced by letters from institutions such as Kandarwadi Ashram School).
- » Awareness drives conducted to educate students and communities about the nutritional benefits of millets — reinforcing India's millet mission in line with sustainable development goals.
- » Programs facilitated under JJES supported both educational access and food security, especially for marginalised children.



“Nation-building begins at the grassroots. CORE's CSR investments this year uplifted tribal children and local communities through education and nutrition, nurturing both minds and health for a brighter future.”

A Culture of Responsibility

CSR is not an obligation for us — it is embedded in CORE's values and operating culture. We approach social impact with the same dedication, precision, and care that we bring to mission-critical engineering projects. This year's CSR spending underscores our belief in long-term, community-centred partnerships that uplift and empower.

New Talent



Abhay Pandita



Abhishek Yamgar



Ajay Mishra



Amrit Kumar



Jagruti Pirankar



Juhi Sharma



Kavita Ayyer



Kiran Chavare



Meghana Dudhawade



Mohd. Rafi Shaikh



Onkar Malage



Pawan Goswami



Pramod Jadhav



Pratham Nagrare



Sanskruti Masurkar



Shravani Agawane



Subodh Shinde



Sundar Khadka



Viraj Matkar



Yogesh Padghan

TRINETRA: The Soul Lens of CORE

Where Purpose, Perception, and People Align

At CORE, we operate in one of the most demanding sectors, where systems, specs, and safety define our daily grind. But now and then, we pause to acknowledge what powers all of it: our people.

This third edition of our newsletter is shaped by voices across departments, including engineering, quality, safety, procurement, RCM, and site teams - who contributed more than just updates. They shared insights, lessons, values, and lived experiences.

Each story here is a reflection of TRINETRA — our internal compass that aligns:

- » **Purpose – Why we exist**
- » **Perception – How we are experienced**
- » **People – How we behave, lead, and contribute**

From quality teams ensuring compliance with care, to RCM teams addressing issues before they escalate, to project heads who lead without fanfare, this is CORE at work. The brand is not defined by campaigns or taglines. It is reflected in midnight updates, honest conversations, shared responsibilities, and everyday decisions.

And it is lived — not enforced.

To Everyone Who Shared a Piece - Thank You

Thank you for taking a moment to share, reflect, and contribute. Your voice shapes these pages.

Let this final page serve as a quiet acknowledgement - not of perfection, but of participation. Being part of something larger than the task at hand. In a world measured by precision, we are proud also to be remembered for our people.

We are CORE.

And we build with integrity, insight, and heart.



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