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NEWS

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11/2025-26 | June 2026

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ACMEE 2027

VF INDIA 2026

How industrial policy reshapes market potential



17
Inspirational
Entrepreneur

Mr. S. Sekar,
Managing Partner,
Shree Balaji Castings
Works, Ambattur.



25
Industry
Everyone reaps
benefits from digital
transformation



30
Industry
Opportunities abound
in automobile sector



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CONTENTS



17

INSPIRATIONAL ENTREPRENEUR

Mr. S. Sekar,
Managing Partner,
Shree Balaji Castings Works, Ambattur.



→ IIT Madras, Center of Excellence in Manufacturing Analytics **19-20**

INDUSTRY



→ How industrial policy reshapes market potential **21-22**



→ AI creating career mobility beyond software skills **23**



→ Everyone reaps benefits from digital transformation **25-26**



→ Opportunities abound in automobile sector **30-31**

ENVIRONMENT



→ Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 **42-44**

Business Strategy



→ How to Delegate to Managers Without Losing Control of Your Business? **45**

Health & Fitness



→ Yoga for Fitness (YoFi) **46**



History - **47-48**
சென்னை மற்றும் புறநகர்

AIEMA ADVERTISERS LIST

PAGE

KAS Power Solution Pvt Ltd.	04
Himtex	06
Sathya Furniture World	12
LMW Limited	16
SRK International	24
Central Bank of India (Back Inner)	55

MF INDIA 2026

Trumpf (INDIA) Pvt Ltd - Title Sponsor	08
Durma INDIA Pvt Ltd - Platinum Sponsor	32-33
SIDBI- Platinum Sponsor	34-35
SINAR SHEETMETAL Solutions Pvt Ltd - Platinum Sponsor	36-37
Precision Bright Steel Industries - Gold Sponsor	38-39
Super Auto Forge Pvt Ltd - Gold Sponsor	40-41

AIEMA REGULARS

AIEMA News Advt. Tariff	02
Editor's Note	05
From The President's Desk	07
From MF India 2026 Chairman's Desk	09
Facility Options From AIEMA	10
AIEMA Diary	11
AIEMA Activities	13-15
MF India 2026 - Floor Plan	28-29
Members of AIEMA Executive Committee 2025-2026	49
Members In Charge of Various Portfolios	50
List of CAIIUC Directors	51
Important Contact Nos.	51-52

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Location



Editor's Note

Dear Readers,

Markets are not merely discovered — they are often made. That is the central insight of our cover story this month, How industrial policy reshapes market potential, and it sets the tone for this entire edition of AIEMA News.

Industrial policy is sometimes viewed as a distant force, the business of ministries and committees far removed from the shop floor. Our cover story argues otherwise. Well-crafted policy — whether through incentives, procurement preferences, infrastructure investment, or sectoral missions — can open entirely new markets for manufacturers, and for MSMEs in particular. The entrepreneurs who benefit most are those who read these shifts early and position themselves ahead of the curve rather than behind it. For our member industries, it is an invitation to see policy not as paperwork, but as opportunity.

The supporting features in this edition carry that theme forward. Our article



THOMAS K VARGHESE



A. BABU



P. V. RAMESH BABU



R. VIGNESH

on digital transformation reminds us that its benefits are no longer confined to large corporations — from the shop floor to the accounts desk, everyone reaps the rewards of improved efficiency, visibility, and faster decision-making. The automobile sector, a pillar of our region's manufacturing strength, comes into focus in another feature, with opportunities abounding across the value chain — from components to electric mobility. And in a look at the changing workplace, we examine how AI is creating career mobility beyond software skills, opening new pathways for professionals across functions — a development every industrialist managing talent should take note of.

These pages find a fitting echo in our President's Message. Whether pursuing critical infrastructure projects with the authorities or presenting the MSME Sourcing Show alongside MF INDIA 2026, AIEMA's work on the ground reflects what our cover story argues on paper: market potential grows where engagement meets preparedness.

As always, I invite your thoughts and feedback at mail@aiema.net. Happy reading!

Warm regards,

Thomas K Varghese
Editor, AIEMA News

THUS THEY ADVISED

151

திருக்குறள்

அகழ்வாரைத் தாங்கும் நிலம்போலத் தம்மை
இகழ்வார்ப் பொறுத்தல் தலை.

விளக்கம் 1: தோண்டுபவரையும் தாங்கும் பூமியைப் போல் தன்னை தரக்குறைவாய் பேசுபவரையும் பெருத்துக் கொள்வதே தலை சிறந்தது.

விளக்கம் 2: தன்னை வெட்டுவோரையும் விழாமல் தாங்குகின்ற நிலம் போல், தம்மை இகழ்வாரையும் பொறுப்பதே தலையான பண்பாகும்.



151

THIRUKKURAL

Couplet :

As earth bears up the men who delve into her breast,
To bear with scornful men of virtues is the best.

Couplet Explanation:

To bear with those who revile us, just as the earth bears up those who dig it, is the first of virtues.

Transliteration (Tamil to English):

akazhvaaraith thaangum nilampoalath thammai
ikazhvaarp poruththal thalai



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From The President's Desk



G. RAVICHANDRAN
President

Dear Members,

Greetings from AIEMA!

AIEMA continues to engage actively with Government Departments and various authorities — addressing the infrastructure and civic issues affecting our member industries, while championing initiatives that strengthen the manufacturing sector. The month of June saw meaningful progress on both fronts.

Strengthening Infrastructure for Our Estate

On 10th June 2026, I, along with AIEMA office bearers and the CAIIUC team, met the Commissioner of Police, Avadi Commissionerate. We emphasized the urgent need to complete the Storm Water Drain Canal Project on Cookson Road before the forthcoming monsoon, so that flooding in the industrial estate can be prevented.

Continuing this momentum, on 19th June 2026, we met the Regional Officer of NHAI to discuss the opening of the Chennai Bypass access between Tambaram and Puzhal at Kallikuppam. Once operational, this access will significantly improve connectivity and ease the movement of industrial traffic in and around our estate.

Promoting Manufacturing Excellence

As part of our efforts to promote manufacturing, I, along with the Chairman, ACMEE 2027, met the

Joint Director & Head of Office, MSME Development & Facilitation Office, Ministry of MSME, on 25th June 2026. We presented the MSME Sourcing Show, which will be held concurrently with MF INDIA 2026, scheduled from 27th to 30th August 2026 at the Chennai Trade Centre. The positive response we received is truly encouraging, and I warmly invite the entire manufacturing community to participate and make the event a grand success.

Our Commitment

AIEMA will continue to work closely with Government Departments to resolve the issues faced by our member industries and to foster a conducive industrial environment. I sincerely thank all our members for their continued support and cooperation, and look forward to working together towards the sustained growth of our industrial community.

With warm regards,

G. RAVICHANDRAN
President – AIEMA



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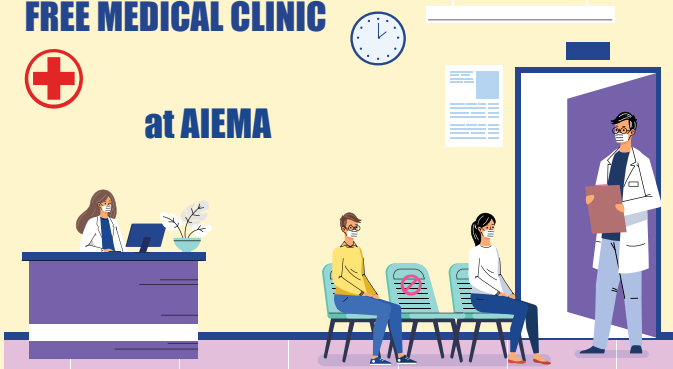
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From MF INDIA 2026 Chairman's Desk



G. VENU

Chairman, MF INDIA 2026

Dear Members and Industry Friends,

It gives me great pleasure to share our continued progress as we strengthen the position of MF INDIA 2026 as a leading platform for the manufacturing and machine tool industry.

MF INDIA 2026 – First Metal Forming Show in Chennai is envisioned as a dedicated platform to showcase the latest advancements in metal forming technologies. The exhibition will bring together manufacturers, solution providers, MSMEs, and industry stakeholders under one roof, creating opportunities for meaningful business collaborations and knowledge exchange.

The response from the industry has been highly encouraging, and we are confident that MF INDIA 2026 will set new benchmarks in participation, innovation, and business opportunities.

As part of our industry outreach efforts, the ACMEE Secretariat met Mr. Jayaraman, Managing Director, Autotech Industries (India) Pvt. Ltd., at the ACMEE Office on 06 June 2026 to discuss MF INDIA 2026 and obtain their recommendations on potential exhibitors for the event. We are pleased to share that both industry leaders extended their support and provided valuable inputs on prospective participants.

The Committee also met Mr. Dhilip Khumbhat, Director, K-Lite Industries, at his office premises on 08 June 2026 to discuss MF INDIA 2026 and seek his recommendations on potential exhibitors. The interaction was highly positive, and he shared valuable suggestions to strengthen industry participation.

ACMEE Secretariat visited INTEC, Coimbatore, where they received an encouraging response from exhibitors and industry stakeholders regarding participation in MF INDIA 2026.

The Committee also met Mr. S. M. Kumar, Plant Head, JSW Steel Salem Works, on 10 June 2026 to discuss JSWs potential collaboration with MF INDIA 2026. The meeting was highly productive, with insightful discussions and valuable ideas on strengthening industry engagement, supporting MSME growth and fostering collaboration between large industries and the MSME sector.

These interactions reflect the growing interest and support from the manufacturing community and reinforce our confidence in making MF INDIA 2026 a successful and impactful industry platform.

As we prepare to host this pioneering event, I extend a warm invitation to the entire manufacturing community to participate and make MF INDIA 2026 a resounding success. Together, let us embrace new technologies, strengthen industry partnerships and build a progressive, globally competitive and thriving manufacturing ecosystem for the future..

G. Venu

Chairman, MF INDIA 2026



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AIEMA Diary



N.T. RAVI

Hon. Gen. Secretary

05.06.2026 – Mr. K.R. Sampath & Mr. T. Rajkumar, Executive Committee Members attended the 'One Day Workshop on 'Social Dialogue, Workplace Cooperation, and Grievance handling' held at Hotel Saveria, Chennai.

10.06.2026 – President accompanied by Mr. G. Krishnamoorthy, Vice President, Mr. N.T. Ravi, Hon. Gen. Secretary, Mr. M. Lenin, Mg. Trustee, ASJT, Mr. C.J. Venkatesh, Chairman, CAIIUC met Mr. Prem Anand Sinha IPS., Commissioner of Police, Avadi Commissionerate to explain in person about the necessity of completing the Storm Water Drain Canal Project on Cookson Road before the onset of the forthcoming monsoon season.

13.06.2026 – AIEMA in association with Meridien Hospital, Chennai conducted a Free Medical Camp in AIEMA for the benefit of our members in Ambattur Industrial Estate. Around 86 persons got benefited from this camp.

19.06.2026 – Mr. G. Ravichandran, President accompanied by Mr. V. Vijayakumaran, EC member, Mr. K. Dhavamani, Imm. Past Secretary, AIEMA & Mr. C.J. Venkatesh, Chairman, CAIIUC met Mr. Virender Sambyal, Regional Officer, NHAI to discuss opening of the Chennai Bypass between Tambaram & Puzhal at Kallikuppam.

23.06.2026 – Mr. G. Ravichandran, President, accompanied by Mr. G. Krishnamoorthy, Vice President, Mr. N.T. Ravi, Hon. Gen. Secretary, Mr. P. Uma Shenkar, Treasurer, Mr. V. Vijayakumaran, EC member, Mr. C.J. Venkatesh, Chairman, CAIIUC met CMD TANSIDCO to discuss the important issues faced by members in Ambattur Industrial Estate.

23.06.2026 – Mr. Thomas K Varghese, Hon. Jt. Secretary, AIEMA, attended 'Industry Leaders' Connect 2026' at

the Pullman, Anna Salai, Chennai, representing AIEMA.

24.06.2026 – Mr. A. Babu & Mr. P.V. Ramesh Babu, EC members attended Performance Audit on 'Operational and Financial performance of TN Power Distribution Corporation Limited' at Audit Bhavan, Anna Salai, Chennai, representing AIEMA.

25.06.2026 – Mr. G. Ravichandran, President accompanied by Mr. G. Venu, Chairman, ACMEE 2027 met Mr. K Dhayalan, IEDS, Joint Director & Head of Office at the MSME Development & Facilitation Office, Ministry of MSME to present a brief on MSME Sourcing Show concurrent with MF India 2026.

27.06.2026 – Mr. G. Ravichandran, President accompanied by Mr. P. Uma Shenkar, Treasurer, Mr. A. Babu & Mr. D. Kandhan, EC members from AIEMA attended 'Indian Industrial Icon Award, Global Summit – 2026 at Mylapore, Chennai.

Thanks & Regards,

N.T. Ravi

Hon. Gen. Secretary



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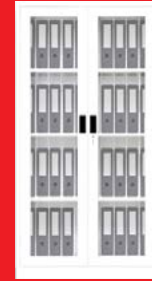
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AIEMA Activities

AIEMA team met Mr. Prem Anand Sinha IPS.,
Commissioner of Police, Avadi Commissionerate on
10.06.2026



Meeting held with Mr. K Dhayalan, IEDS,
Joint Director & Head of Office at the MSME
Development & Facilitation Office, Ministry of MSME
by President, AIEMA & Chairman, ACMEE 2027 on
25.06.2026



AIEMA, in association with Meridien Hospital, Chennai, conducted a Free Medical Camp on 13.06.2026 in
AIEMA Premises



AIEMA Activities

A Training Session on 'Accelerating Digitalization and AI Adoption in MSMEs' was organized by IIT Madras – Centre for Tech Excellence, in association with FaMe TN and AIEMA on 19.06.2026



AIEMA Activities

A Special Business Campaign on TIIC's Financial Assistance Schemes for MSMEs was conducted at AIEMA on 22.06.2026



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Inspirational Entrepreneur



Mr. S. SEKAR,
Managing Partner,
Shree Balaji Castings Works, Ambattur

AIEMA News has chosen industrialist Mr S Sekar, Managing Partner, Shree Balaji Castings Works, Ambattur, as this month's Inspirational Entrepreneur, based on his business acumen in the domain of Aluminium Gravity Die Castings.

Under his guidance, Shree Balaji Castings Works has the vision to become a trusted name in Aluminium Gravity Die Castings at pan-India level.

Early Days

Born in Panapakkam in Panruti, Mr Sekar studied in the Government Higher Secondary School at Pudhupettai in Panruti, Cuddalore district, and pursued his ITI (Moulder) at the Government Industrial Training Institute, Cuddalore. He also obtained his Diploma in Mechanical Engineering at the Central Polytechnic College in Tharamani.

Mr Sekar lost his father at the tender age of two. He was then put under the protective care of his maternal grandparents. When they also passed, he was left entirely exposed to a cold and indifferent world.

"Instead of crushing my spirit, the relentless humiliation I faced in

my early years became a powerful catalyst. It ignited a fierce, burning resolve deep within me," he said in an emotional tone.

"I made a sacred promise to myself: I would build my own path, protect my dignity and my families, and never beg anyone for anything for the rest of my days," he said in an affirmative tone.

Motivation

When asked about the motivation he got for doing business and becoming an entrepreneur, Mr Sekar said: "I was very much inspired by the life and times of Dhirubhai Ambani who became a business icon with the launch of Reliance Industries, now a conglomerate, after doing many odd jobs. I came across his story of how he started from a small village with zero capital, facing massive established players, powered only by immense, unshakeable self-confidence."

The business tycoon famously said, "If you don't build your dream, someone else will hire you to help them build theirs." He took immense risks because his faith in his vision and his higher power was absolute.

Initial Desire

"After working for KCP and Cookson India Ltd for 20 years, my initial desire to stand on my own legs and create something by myself took over. I was comfortable and confident in giving up a safe monthly pay-check and starting something on my own," he said..

"Courage was my capital. When you start with nothing, you have nothing to lose and everything to conquer. My faith in God and myself was bigger than my fears," he said with a sense of confidence.

Genesis of Shree Balaji Castings Works

The company Shree Balaji Castings Works, which was started in 1999,

specialised in Aluminium Gravity Die Castings.

The product profile of the company related mostly to automotive parts (70%) like Inlet Manifolds, Steering Housings, Radiator Tanks & Pipes, Stabilizers and Silencers apart from a few Non-automotive parts (30%) like Vande Bharat Train Luggage Racks, Textile Impellers, Motor and Pump Housings & Casings.

Clients

TVS Sundaram Clayton Ltd, Rane (Madras) Ltd, Steering & Linkage Division – Pondicherry, Mysore & Varanavasi, Alkraft Thermotechnologies Pvt. Ltd, Thejo Engineering Ltd, Enkey Engineering Works, Universal Engineers Chennai Pvt. Ltd.

On Exports

Asked about exports, Mr Sekar said: "We are not directly exporting anything, But only our customers are exporting the parts that we manufacture."

Awards and Recognition

Apart from ISO 9001:2015 certification, the company has bagged the Best KAIZEN Award from Rane (Madras) Ltd in 2015.

On Succession

Mr Sekar proudly said that his two sons -- S.Sadagopan (elder) – B.E., M.S., M.B.A., who handles day to day operations and Marketing and S.Purushothaman (younger) – B.E., M.B.A., who takes care of Finance & HR activities might be in a position to succeed him at an appropriate time.

On Retention

As of now, there are 15 to 20 employees. But contractual employees vary in strength based on requirements.

"There is a Family-First Culture for core members. We do not just share a workplace; we share life's ups and downs. Whether it is celebrating personal milestones or standing by them during family or financial hardships, our leadership is personally involved," Mr Sekar said.

He also said: "We rely heavily on skilled and semi-skilled migrant labour, particularly from states like Bihar. To ensure they feel secure, valued, and at home, we provide a complete ecosystem of support like safe accommodation. Workers are given fully equipped spaces with cooking amenities, clean drinking water, and electricity, allowing them to maintain their preferred lifestyle and save on living costs."

"We strictly implement Employees' State Insurance (ESI) benefits, ensuring they and their families have access to proper healthcare and medical protection. By taking care of their primary needs—shelter, health, and a supportive community—we eliminate the typical stress faced by out-of-state workers. They are treated with the utmost dignity, which makes our organization a preferred employer through word-of-mouth recommendations back in their hometowns."

On Expansion

"Yes, we have set key expansion goals over the coming 2 years in the areas of Machining and Shot Blasting. These strategic additions will allow us to offer end-to-end processing in-house, significantly improving lead times and adding greater value for our customers," Mr Sekar remarked.

CSR Activities

Built a Ganesh Temple in my native Panapakkam. Donations given to orphanages, old age homes and temple maintenance in Ambattur area.

Views on AIEMA

AIEMA (Ambattur Industrial Estate Manufacturers Association) is an excellent body that has successfully given micro and small enterprises in our area a powerful platform to be heard, ensuring our issues are effectively addressed at the governmental level.

The association's recent initiatives in knowledge sharing and organizational development have been highly beneficial. In particular, the targeted awareness campaigns covering critical areas like manufacturing finance and the adoption of emerging technologies have provided immense value to our day-to-day operations.

Lastly, AIEMA provides a vital ecosystem for business growth by creating dedicated spaces for member industries to promote their capabilities and acquire new customers.

Tips to Budding Entrepreneurs

Master your craft completely: Never be an administrator who does not understand the shop floor. Your technical expertise is your ultimate authority. Work until the job is done: There are no fixed hours for a founder. If a machine breaks at midnight, you stay until it runs.

Anchor your confidence in God: When markets crash or partnerships fail, human strength falters. Rely on the Almighty to carry the burdens you cannot lift.

Protect your cash flow fiercely: Debt is a heavy chain for a small business. Grow only as fast as your hard work allows, and reinvest every spare rupee into better equipment.

Build a reputation for absolute integrity: A customer can forgive a delayed delivery due to technical issues, but they will never forgive a lie. Let your word be your bond.



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IIT Madras, Center Of Excellence In Manufacturing Analytics

Conducted AI Adoption Cluster Training for MSMEs at AIEMA, Ambattur, Chennai, June 19, 2026.

The Walmart Center for Tech Excellence (WCTE), IIT Madras is committed to accelerating the adoption of Artificial Intelligence (AI) technologies to enhance the productivity and digital transformation of Micro, Small, and Medium Enterprises (MSMEs). WCTE is headed by Prof. Raghunathan Rengaswamy, Marti Mannariah Gurunath Institute Chair Professor, Department of Data Science & Artificial Intelligence & Department of Chemical Engineering at IIT Madras.

As part of its outreach initiatives, WCTE, with the support of FaMeTN, conducted a cluster-level training program on AI Adoption for MSMEs at the Ambattur Industrial Estate Manufacturers' Association (AIEMA), Chennai. The program brought together nearly 40 MSME entrepreneurs, industry leaders, and manufacturing professionals, providing practical insights into leveraging AI, IoT, and digital technologies to improve manufacturing efficiency, productivity, quality, and business competitiveness.

The session focused on practical AI adoption strategies for MSMEs and showcased a range of indigenous AI-powered solutions developed by WCTE, including Fabric ERP, Excel SLM, MANGO, Predictive Maintenance, and Computer Vision-based inspection systems. Participants gained hands-on exposure to these technologies and developed a deeper understanding of how digital transformation can help improve productivity, enhance decision-making, optimize resources, and create smarter manufacturing enterprises.



Accelerating AI Adoption Across MSMEs

Established at IIT Madras, the Walmart Center for Tech Excellence (WCTE) is a pioneering industry-academia initiative focused on accelerating AI and digital transformation across India's Micro, Small and Medium Enterprises (MSMEs). WCTE's mission is built around three strategic Goals:

- ❖ **Platform Development** – Creating domain-agnostic, reusable AI/ML platforms that reduce deployment costs and enable scalable adoption across industries.
- ❖ **Implementation & Industry Integration** – Supporting industries from use-case identification and pilot deployment to validation and large-scale implementation.
- ❖ **Skill Development** – Delivering industry-relevant AI and IoT training programs that equip the workforce with future-ready digital skills.

Addressing Critical MSME Challenges

During the session, WCTE experts highlighted several operational challenges commonly faced by MSMEs, including:

- ❖ Manual Spread sheet and paper-based processes
- ❖ Lack of production and order traceability
- ❖ Dependency on key personnel for operational decisions
- ❖ Compliance and auditability challenges
- ❖ Limited real-time visibility into manufacturing operations
- ❖ Unplanned machine downtime and maintenance costs
- ❖ Workplace air quality and safety concerns

The discussion emphasized how AI-driven digitalization can significantly improve operational efficiency, productivity, quality, and business sustainability.



Demonstration of Home-Grown AI Solutions

A key highlight of the training was the live demonstration of WCTE's suite of indigenous AI-powered software solutions developed specifically for MSMEs.

The showcased solutions included:

1. **FABRIC ERP** All-in-one ERP — PO, production, inventory, QA & dashboards. Live in 4 weeks.
2. **MANGO** No-code AI/ML platform for defect detection, forecasting & classification.
3. **DataPy** Unified data platform ingestion, cleaning & analytics from any source.
4. **OCR Engine** AI-powered document digitization — invoices, reports & compliance documents.
5. **PdM** - Predictive Maintenance Forecasts equipment failures using sensor data — minimizing unplanned downtime.

6. **Kaatru** -Air Quality IoT Tracks PM2.5, CO₂, VOC & temperature — instant alerts for worker safety & compliance.
7. **NCR System**- Digital non-conformance tracking with root cause workflows & auto-closure.
8. **VisureX - Defect Detection** CNN-powered visual inspection for surface anomalies on the production line.
9. **Operator Log** - Shop-floor Real-time operational data capture.
10. **Production Planning** - Optimization & Scheduling daily or monthly the production.
11. **Excel SLM AI**- model to queries excel and provide data analytics solution.
12. **HR and PM Tools** - Onboarding, Offboarding, PM Gantt Chart.
13. **Meeting AI** - Multi lingual AI Model to transcript meeting, trainings, into actionable insights
14. **JOAMOA** – A digital Ecosystem providing enterprise AI solution.

Enabling Affordable Digital Transformation

One of the key messages delivered during the training was that AI adoption need not be expensive or complex. WCTE's solutions are open-source, affordable, scalable, and specifically designed for manufacturing enterprises with limited digital infrastructure and workforce digital literacy.

Backed by IIT Madras research and validated through industrial deployments, these solutions provide MSMEs with a practical pathway to improve productivity, optimize operations, and remain globally competitive.

The training concluded with an interactive discussion on industry use cases, implementation opportunities, and collaboration avenues to scale AI adoption across industrial clusters in Tamil Nadu.



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WCTE's vision remains clear: Innovate. Integrate. Empower. Optimize. Transform.

INDUSTRY

How industrial policy reshapes market potential



Market concentration in India is often not the result of private collusion, but of intentional industrial policy design. Industrial policy has tools like taxation structures, import tariffs, anti-dumping duties, Quality Control Orders (QCOs), production-linked incentives and licensing layers.

Viksit Bharat by 2047

Procedural compliance is steadily reshaping markets in ways that favour and protect large incumbents while squeezing out the small players. This is not favourable to economic growth as the country is targeting the achievement of Viksit Bharat by 2047.

Pro-market economy

At the 17th anniversary of the Competition Commission of India in May 2026, one wondered whether there is any soul searching within the CCI if it is truly able to create and regulate a pro-market economy. Most people feel that it is not.

This article has the potential to do economic analysis and advise the right policies. The distortions are not accidental; they are structural and intentional.

In FY25, the average Herfindahl-Hirschman Index (HHI), economic formula to assess concentration, across eight major Indian sectors such as telecom, paints, two-wheelers, aviation, etc rose to 2,532, crossing into the “highly concentrated” zone for the first time in over a decade, up from 1,980 in FY15 and 2,167 in FY20.

Functions of industrial policy

Industrial policy often functions as a powerful gatekeeper, quietly anointing winners, shielding incumbents, and narrowing the space for new challengers to emerge.

Firstly, a high or complex taxation regime disproportionately burdens smaller firms that lack the scale and advisory capacity to optimise compliance, while large corporations

are better placed to absorb or strategically minimise tax liabilities.

Secondly, import tariffs and trade restrictions, often justified as protective measures, can entrench incumbency when domestic capacity is already concentrated. If imports of intermediate inputs are restricted while domestic supply is controlled by a few firms, competitive pressure weakens and pricing power strengthens.

Thirdly, anti-dumping duties, though framed as remedies against unfair trade, can end up insulating dominant domestic producers from global competition, especially in sectors where only a handful of firms operate. Once external pressure is reduced, existing market leaders face fewer constraints on pricing and expansion.

Fourthly, QCOs, while justified on safety and standards grounds, often impose certification, testing, and compliance requirements that are far easier for large firms to navigate than for smaller manufacturers. The fixed costs associated with meeting these standards can deter entry and accelerate exit, further concentrating supply in the hands of a few.

Further, multiple licensing regimes and layered regulatory approvals introduce procedural delays and compliance costs that operate as structural entry barriers for small players, effectively phasing out those who are not equipped to bear the associated costs.

Telling illustration

The stainless steel fasteners segment offers a telling illustration. QCOs, intended to ensure standards, require mandatory BIS certification, annual renewals, inspections and variant-wise testing. Testing alone reportedly costs Rs 20,000–25,000 per product type each year, and for MSMEs producing multiple variants, these expenses compound rapidly.

Capital filter

In conversations with a small player in this market in Jaipur, these compliances along with intentional import tariffs, were described not as incidental hurdles but as ongoing operational strains that directly affect viability. With limited BIS-approved laboratories and procedural delays, compliance becomes not merely a quality screen but a capital filter.

Pricing power

Larger firms amortise costs over high volumes, while smaller players exit or hesitate to enter. When such QCOs are combined with high import tariffs on stainless steel inputs, competitive alternatives narrow further. Pricing power emerges from the way the market is structured. When new firms cannot enter easily and imports are restricted, supply becomes limited and price is bound to increase.

Cement companies

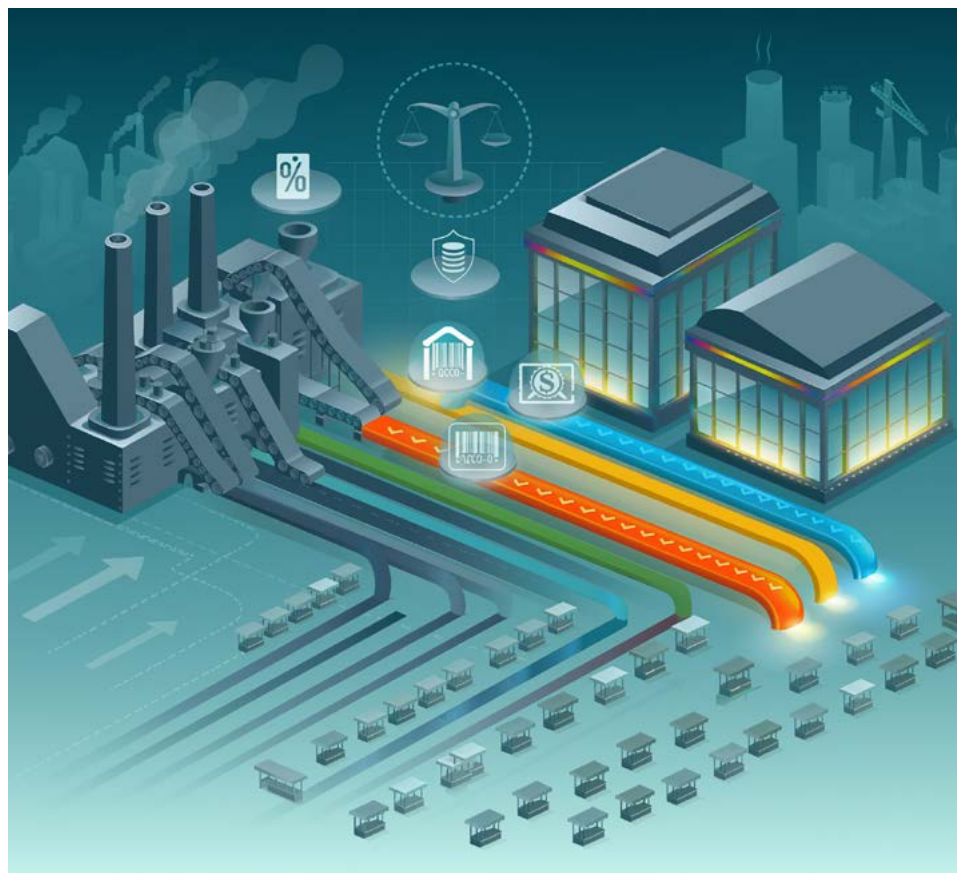
A few cement companies capture more than 60% of market power and a single company dominates the cotton market with 68.2% market share in India. More examples can be found in various sectors of multiple industries, not just cement or cotton.

What the problem is

The problem becomes even more pronounced if upstream input markets such as metals, polymers, chemicals, fibre, cotton or fasteners, etc. are concentrated, as this directly affects competitive dynamics in the downstream markets such as construction, automobiles, defence, furniture and consumer durables. Such dynamic is clearly visible in what unfolded after the ASEAN-India Free Trade Agreement (FTA) liberalised tariffs on viscose staple fibre.

Liberalisation diluted

Although tariffs on viscose staple fibre (VSF) were reduced pursuant



to FTA commitments, the intended liberalisation was substantially diluted through a succession of policy measures, including anti-dumping investigations and duties, adjustments to MFN tariffs, administrative extensions, and eventually the imposition of QCOs.

FTA's market-opening impact

This layered and rotating use of trade and regulatory instruments effectively neutralised much of the FTA's market-opening impact. The outcome feels less more like a design that preserves the incumbent's dominance. The policy layering functioned as a protective shield, effectively locking in concentration rather than reducing it.

Degree of competition

Industrial policy works best when markets retain a meaningful degree of competition. This is precisely why competition policy is not a peripheral concern but an essential guardrail.

Without it, well-intentioned industrial measures can harden dominance rather than stimulate dynamism.

Safeguards

Industrial policy can be aligned with competition safeguards through lower and more predictable tariffs where domestic capacity is insufficient, broader and MSME-accessible subsidy frameworks, periodic review and sunset clauses, incentivised and streamlined certification and systematic regulatory impact assessments.

Conclusion

The essential principle is that industrial policy should widen participation rather than narrow it. A coherent industrial strategy clearly laying down such an approach is needed. Sustainable growth emerges from competitive rivalry and open entry, not from compliance architectures that concentrate economic power.

INDUSTRY

AI creating career mobility beyond software skills



Artificial intelligence may have started as an engineer's playground, but in India, it is increasingly becoming a workforce-wide capability. New data suggests the country's AI talent pipeline is broadening rapidly—drawing in professionals from non-technical backgrounds, creating career mobility beyond software roles, and opening opportunities outside India's biggest technology hubs.

Catalyst for career transitions

According to the India AI Workforce Report 2026 by Scaler, based on insights from 11,444 professionals across India, AI upskilling is no longer limited to software developers and data scientists. Instead, it is becoming a catalyst for career transitions, salary growth and leadership progression across industries.

Recalibrating workforce strategies

The report arrives at a time when businesses globally are recalibrating workforce strategies around AI adoption. While much of the public conversation has centred on automation and job displacement, the findings indicate that Indian professionals are increasingly treating AI as a career accelerator.

Changing profile of learners

One of the clearest signals of this shift is the changing profile of learners

entering the ecosystem. Nearly 25% of AI learners now come from non-technical backgrounds, reflecting growing interest from professionals outside traditional engineering tracks. The report shows that AI learning is extending into consulting, operations, finance, HR, marketing and academic functions—suggesting that AI capability is beginning to mirror the role digital literacy played over the last decade.

Deeper into business operations

More than half of AI-enabled career outcomes are now emerging outside core engineering functions, indicating that companies are embedding AI capabilities deeper into business operations rather than confining them to technology teams.

Consulting

Consulting, in particular, has emerged as one of the faster-growing destinations, with AI helping professionals move into advisory and strategic roles.

Demand for senior professionals

Professionals who pursued AI upskilling reported an average compensation increase of 147%, according to the study. Early-career professionals saw some of the strongest percentage growth, while senior professionals continued to command the highest absolute compensation levels.

No longer technical

The report also points to an emerging leadership premium. Nearly 27% of post-learning outcomes were concentrated in leadership roles across engineering, data and technology functions, reinforcing the

idea that AI skills are increasingly being viewed as a managerial and decision-making capability—not just a technical one.

Role of women

Another notable shift is the role women are playing in the evolving AI workforce. Women transitioning into AI-enabled careers reported an average salary increase of 145%, with certain technical functions recording even steeper gains. Beyond compensation, the report suggests women are increasingly participating in AI-led opportunities across HR, academia, marketing and support functions—highlighting how AI adoption is expanding beyond conventional technology pathways.

Bengaluru leads

Bengaluru continues to dominate as the country's largest AI talent hub, accounting for 19% of AI learners, followed by Pune and Hyderabad. But the concentration is beginning to soften.

Nearly one in five AI learners now comes from Tier-II cities including Lucknow, Jaipur, Patna, Indore, Coimbatore and Nagpur, pointing to a more distributed talent ecosystem enabled by digital learning and remote-first work environments.

The larger takeaway is that India's AI opportunity may not be defined only by building frontier technology—but by how quickly its workforce adapts to using it.

Conclusion

For employers, that could mean hiring for AI fluency rather than purely technical credentials. For professionals, the message appears increasingly clear: AI is becoming less of a specialist skill and more of a career necessity.



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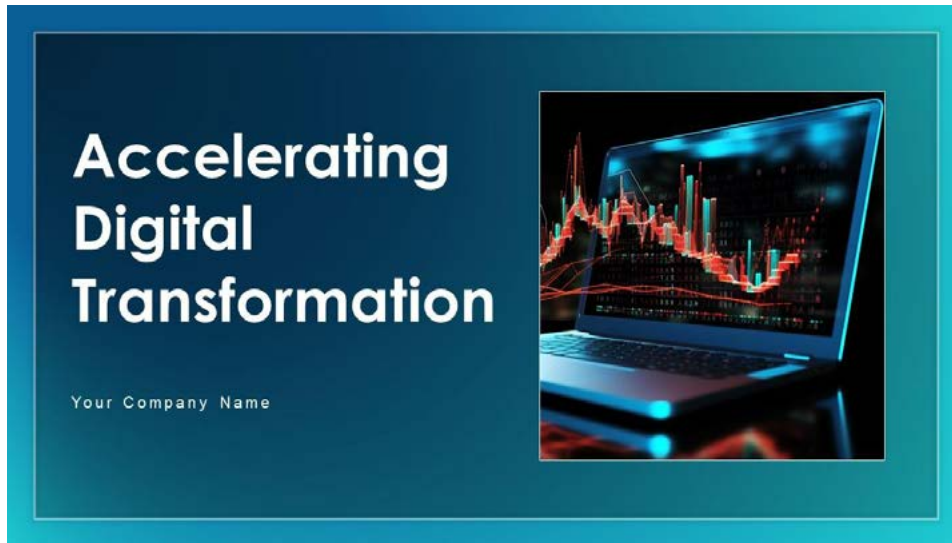
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INDUSTRY

Everyone reaps benefits from digital transformation



Under Prime Minister Narendra Modi's leadership, India has witnessed a profound digital transformation and a modernised governance-- that is truly a democratised access to technology.

This is not an elite phenomenon, but a revolution that has reached the remotest villages, empowering the poorest, women, farmers, and marginalised communities.

JAM Trinity

At its heart lies the JAM Trinity — Jan Dhan (zero-balance bank accounts), Aadhaar (unique digital identity), and Mobile connectivity — which has served as the bedrock for a transparent and leakage-free welfare delivery.

Quiet revolution

To be precise, it is a quiet revolution that has transferred over ₹49 lakh crore directly into the bank accounts of beneficiaries through Direct Benefit Transfers (DBT), ending corrupt intermediaries and ghost beneficiaries.

Beneficiary coverage up

Savings from plugging leakages have crossed ₹3.48 lakh crore, with

beneficiary coverage exploding from just 11 crore in 2014 to over 176 crore today.

Subsidy expenditure as a share of government spending has halved from 16% to 9%, freeing resources for genuine development.

Middlemen removed

The JAM framework has eliminated middlemen who have siphoned off subsidies meant for the vulnerable. Under DBT, funds for schemes like pensions, scholarships, LPG subsidies, MGNREGA wages, and PM-KISAN flow straight into Aadhaar-linked Jan Dhan accounts.

By early 2026, cumulative DBT transfers exceeded ₹49 lakh crore across more than 450 central and 1,200 state schemes.

Financial inclusion

Pradhan Mantri Jan Dhan Yojana alone has opened over 58 crore accounts, with more than 56% held by women and 67% in rural and semi-urban areas, issuing tens of crores of RuPay cards. This has brought financial inclusion to millions who were previously excluded from the formal banking system.

Advantage of UPI

Building on JAM, the Unified Payments Interface (UPI) has revolutionised everyday transactions, making digital payments accessible even to street vendors and kirana stores.

High volume of transactions

From negligible volumes at launch, UPI processed transactions worth over ₹300-314 lakh crore in FY 2025-26 — a staggering 4,000-fold increase. It now accounts for a dominant share of global real-time payments and is being replicated worldwide, with live operations in countries like the UAE, Singapore, Bhutan, Nepal, and France. Its success lies in simplicity: a phone number or QR code suffices, bridging the digital divide for the unbanked and semi-literate. This has empowered small merchants, women self-help groups, and farmers to participate in the formal economy without cash or complex banking.

Cloud-based platform

During the Covid pandemic, CoWIN emerged as a global model for digital public infrastructure. This cloud-based platform facilitated over 2.2 billion vaccine doses, enabling seamless registration, scheduling, and certification for nearly the entire adult population, with significant rural reach.

DigiYatra

DigiYatra, using facial recognition for contactless airport processes, has transformed air travel. By 2026, it crossed 10 crore usages across dozens of airports, reducing processing times dramatically and covering a substantial portion of domestic traffic.

Secure digital wallet

Complementing these, DigiLocker has provided a secure digital wallet



for citizens, with over 70 crore registered users and more than 850 crore authentic documents issued and stored.

It allows easy access to certificates, licences, and records on mobile phones, eliminating the need for physical paperwork and enabling instant verification for services, education, and employment — further easing daily life for millions, especially in remote areas.

Empowerment of women, farmers

Digital initiatives have delivered targeted empowerment for women and farmers, two critical pillars of Indian society. For women, the JAM trinity has been transformative. Over 30 crore Jan Dhan accounts belong to women, enabling direct receipt of benefits under schemes like LPG subsidies, pensions, and maternity support.

No bureaucratic hurdles

This financial autonomy has enhanced household decision-making, reduced dependency, and promoted dignity. Women Self-Help Groups leverage UPI for seamless transactions, while

platforms like DigiLocker help them access educational certificates and documents for skill development and jobs without bureaucratic hurdles.

For farmers, particularly small and marginal ones, digital tools have brought stability and scale.

10 cr farmers benefited

PM-KISAN has disbursed thousands of crores directly via DBT to nearly 10 crore farmers, including a significant number of women farmers, with Aadhaar verification removing ineligible claimants and saving substantial public funds. eNAM integrates agricultural markets for better price discovery, while mobile apps deliver real-time weather forecasts, crop advisories, market prices, and insurance information. Soil health cards and drone-based monitoring further support precision farming, boosting productivity and incomes in rural India.

Digital journey continues

India's digital journey extends further: internet connections have surged dramatically, with massive rural broadband expansion via BharatNet. Data costs have plummeted, 5G

has rolled out rapidly, and platforms deliver thousands of services in local languages. The digital economy's contribution to GDP has risen significantly, creating opportunities for youth and entrepreneurs.

The advantages

Critics once argued that digital India would exclude the poor due to literacy or connectivity gaps. The data tells a different story: the weakest sections have been the biggest beneficiaries. Leakage reduction means more funds reach intended recipients. Women control more household finances. Farmers receive timely support. Even the smallest vendors use UPI.

Visionary governance

The digital revolution stands as a testament to visionary governance that puts technology at the service of humanity — not as a luxury, but as a fundamental tool for equity and empowerment. The journey continues toward Viksit Bharat, where every citizen, regardless of background, participates fully in the world's largest democracy's progress. The weakest have not been left behind; they have been placed at the forefront.



AIEMA MEMBERSHIP

The current membership tariff is as follows:

MEMBERSHIP CATEGORY	TARIFF*
1. ORDINARY MEMBER - NEW	Rs. 7,500.00
2. LIFE MEMBER - NEW	Rs. 35,000.00
3. LIFE MEMBER - UPGRADATION	Rs. 30,000.00
4. CORPORATE MEMBER	Rs. 2,50,000.00

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*GST at 18% extra.

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S.No.	Particulars	Tariff (Rs)
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2.	Non Members	5,000/-

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- Circular to be approved by AIEMA.
- Charges to be paid in favour of "AIEMA" along with the circular material.

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BIO-DEGRADABLE WASTE

1. Food Waste
2. Vegetable Waste
3. Garden Waste or Garden Water

மக்கும் கழிவுகள்

1. உணவுக் கழிவுகள்
2. அனைத்து காய்கறி கழிவுகள்
3. அனைத்து இலை மற்றும் பூங்கா கழிவுகள்



NON-BIO DEGRADABLE WASTE

1. All types of Electrical Waste
2. Plastic Paper, Cups / Cover Waste
3. All types of Plastic / Rubber Waste
4. Glass Bottles

மக்காத கழிவுகள்

1. அனைத்து மின்சாதன கழிவுகள்
2. அனைத்து பிளாஸ்டிக்/ரப்பர் கழிவுகள்
3. கண்ணாடி பாட்டில்கள்/அனைத்து கண்ணாடி கழிவுகள்



HAZARDOUS WASTE

1. All types of Chemicals
2. Oil Soaked Cotton Waste
3. Grinding Dust
4. Oil / Grease
5. Paint Sludge

அபாயகரமான கழிவுகள்

1. அனைத்து வேதிக்கழிவுகள்
2. எண்ணெயில் நனைக்கப்பட்ட பருத்தி, துணிக் கழிவுகள்
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MANUFACTURERS' ASSOCIATION**

About AIEMA

Ambattur Industrial Estate Manufacturers' Association (AIEMA) is one of India's leading industrial associations, representing over 850 manufacturing units in Chennai's Ambattur Industrial Estate. For more than 60 years, AIEMA has been supporting the growth of MSMEs through industry initiatives, networking programs, training, and trade exhibitions.

AIEMA is also the organizer of **ACMEE**, one of India's premier international machine tools exhibitions, successfully conducted since 1994 and recognized as a leading manufacturing technology platform in South India. AIEMA has launched **MF INDIA 2026**, First Metal Forming show in Chennai, bringing together manufacturers, technology providers, and industry professionals to showcase the latest innovations in metal forming, fabrication, and allied sectors.

About MSME Sourcing Show

MSME SOURCING SHOW is a sourcing and business networking exhibition for the manufacturing sector. Organized by AIEMA, the event brings together suppliers, service providers, technology companies, and manufacturers on a single platform.

Incorporating the strengths of industrial sourcing and engineering expos, the show covers everything from machinery, automation, raw materials, industrial consumables, electricals, electronics, and factory infrastructure to business support services, digital solutions, logistics, and consultancy.

The exhibition aims to strengthen supply chains, promote local sourcing, create business opportunities, and support the growth of India's manufacturing sector.

One Show. Complete Manufacturing Solutions

Exhibit Profile

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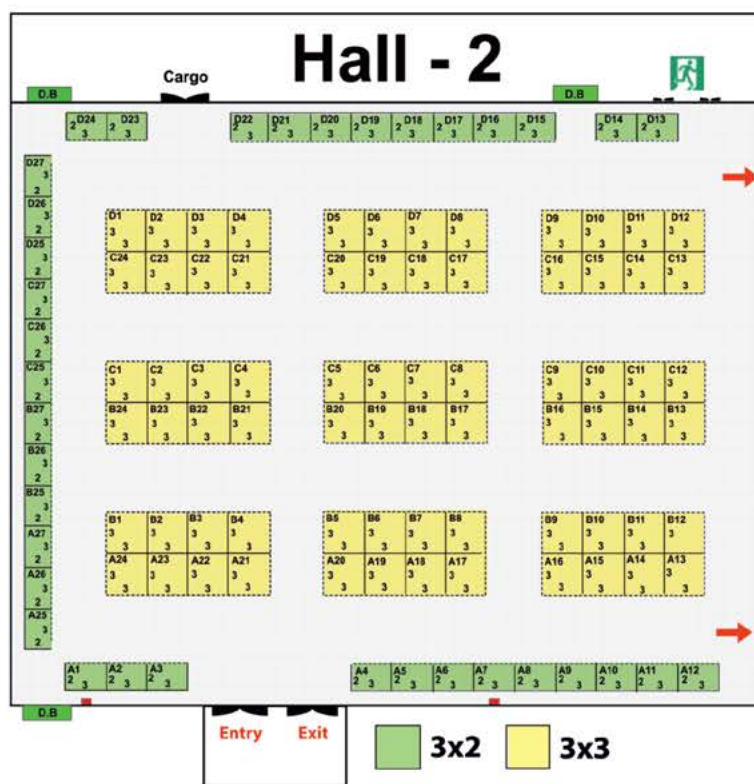
☒ Raw Materials & Consumables ☒ Surface Treatment & Heat Treatment

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☒ Press Tools & Injection Moulds ☒ IT & Digital Solutions ☒ Jig & Fixtures

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☒ Casting & Forging Components ☒ Financial & Business Services



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Stall Cost - Shell Scheme Only	
Stall Size	Cost
3*2 (6 Sqm)	Rs. 45,000 + GST
3*3 (9 Sqm)	Rs. 67,500 + GST

***18% GST APPLICABLE**

Stall build up details:

- Octonorm Stall
- Table - 1
- Chairs - 2
- Spotlight - 3
- Power Socket - 5 Amp

Scan QR to book stall



INDUSTRY**Opportunities abound in automobile sector**

Ask any college student about their dream career and you are likely to hear answers such as Artificial Intelligence, Robotics, Data Science, Startups, Space Technology, or Sustainability.

Why automobile sector

What many young people don't realise is that all these exciting technologies are now coming together in one industry—the automobile sector.

Vastly different

The automobile industry of 2026 is vastly different from what it was a decade ago. Gone are the days when automobiles were associated only with engines, grease, and workshops. Today's vehicles are intelligent machines powered by software, sensors, artificial intelligence, connectivity, advanced electronics, and clean energy. In many ways, modern cars have become smartphones on wheels.

Exciting opportunities

For students looking to build careers in technology, innovation, and sustainability, the automotive sector offers one of the most exciting opportunities of the coming decade.

India's auto market

India's rise as the world's third-largest automobile market is creating unprecedented demand for skilled professionals. As electric vehicles, connected cars, autonomous technologies, and smart mobility solutions gain momentum, companies are searching for a new generation of talent that can think differently and build the future.

New technologies

Imagine working on battery technologies that can charge a vehicle in minutes. Imagine designing software that helps vehicles communicate with each other. Imagine creating artificial intelligence systems that make roads safer or developing mobility solutions

that reduce pollution and make cities smarter. These are no longer futuristic concepts—they are real projects being worked on today by young professionals across the globe.

EV revolution

The electric vehicle revolution alone is opening opportunities that did not even exist a few years ago. Battery engineers, EV design specialists, charging infrastructure experts, battery-swapping planners, thermal management engineers, and EV service professionals are among the most sought-after roles in the industry. As India accelerates towards cleaner mobility, the demand for such professionals will continue to grow rapidly.

AI in automobiles

Equally exciting is the emergence of Artificial Intelligence within automobiles. Modern vehicles already use technologies such as Advanced Driver Assistance Systems (ADAS),

predictive maintenance, intelligent navigation, voice recognition, and connected mobility platforms. Behind these innovations are software developers, AI specialists, data analysts, cybersecurity experts, and digital engineers.

For students pursuing computer science, electronics, or data science, the automobile industry offers opportunities that are every bit as exciting as the technology sector.

Misconception

Another misconception among students is that only engineers can build careers in the automobile sector. The reality is far more diverse. Whether a student comes from science, commerce, or humanities, there are opportunities in design, marketing, customer experience, digital media, supply chain management, fleet operations, entrepreneurship, sustainability, and business development.

Strong startup ecosystem

The startup ecosystem has further expanded possibilities. Across India, young entrepreneurs are launching ventures focused on EV charging, battery recycling, mobility platforms, fleet technology, vehicle diagnostics, connected services, and sustainable transportation. Many of these startups are attracting significant investments and creating entirely new career pathways.

Global relevance

What makes this industry even more attractive is its global relevance. The skills learned in electric mobility, automotive software, AI, battery technology, and advanced manufacturing are transferable across international markets. Students entering the sector today are not just preparing for jobs in India; they are



preparing for careers that can take them anywhere in the world.

Success in new mobility era

However, success in this new mobility era will depend on continuous learning. Technical skills, digital capabilities, problem-solving, innovation, teamwork, and adaptability will be just as important as academic qualifications. Students who invest early in future-focused skills will find themselves at the forefront of one of the most transformative industries of our time.

Larger truth

At the Automotive Skills Development Council (ASDC), we see this transformation every day. Young people are increasingly choosing careers in electric mobility, automotive technology, advanced manufacturing, and digital automotive services. Their enthusiasm reflects a larger truth: the future of mobility will be built by today's youth.

Catch them young

While skilling and career development at the college level remain critical,

building awareness at an early age is equally important. To address this, ASDC launched the National Automobile Olympiad (NAO), a first-of-its-kind initiative aimed at introducing students from Classes 6 to 12 to the exciting world of automobiles, mobility, technology, and innovation and growing curiosity among students about the automotive sector.

Simple message

For college students standing at the crossroads of career decisions, the message is simple. If you want to work with cutting-edge technology, contribute to sustainability, solve real-world challenges, and be part of an industry that is reshaping the future, look closely at the automobile sector.

Conclusion

The next generation of mobility innovators, EV pioneers, AI specialists, and automotive entrepreneurs will not come from somewhere else. They are sitting in our classrooms today. And the future is waiting for them.

DURMA

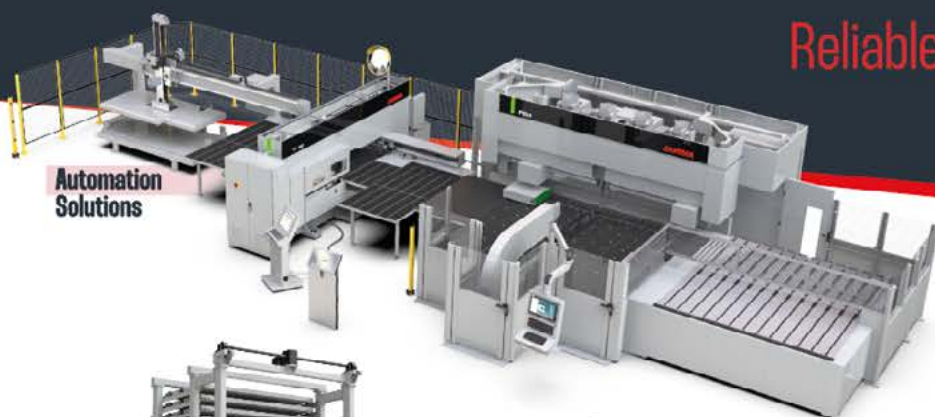
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Durma offers a comprehensive portfolio of machine technologies, automation systems, software solutions, and integrated production lines designed to meet the evolving needs of modern manufacturers. Combining innovation, reliability, and operational excellence, Durma helps businesses increase productivity, improve efficiency, enhance quality, and strengthen their competitive advantage.

Today, Durma continues to expand its global reach through local organizations, strong partnerships, and customer-focused service networks. With the addition of Durma India, Durma is further strengthening its ability to deliver local expertise, responsive support, and closer customer engagement in one of the world's fastest-growing manufacturing markets.

Reliable Smart Solutions



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Durma: Reliable Smart Solutions for the Future of Sheet Metal Manufacturing

With nearly a century of experience, Durmazlar has been helping manufacturers improve productivity, precision, and competitiveness through advanced metal fabrication technologies.

Today, under its globally recognized Durma brand, the company is recognized as one of the world's leading machine tool manufacturers, offering a comprehensive portfolio of laser cutting machines, press brakes, panel benders, punching machines, shears, software, and automation solutions.

At Durma, innovation extends far beyond machine development. Through continuous investments in R&D, software technologies, and digital transformation, we help manufacturers unlock the full potential of Industry 4.0 while improving operational efficiency.

Modern manufacturing requires connected, intelligent, and data-driven production environments. To meet these evolving demands, Durma has developed a digital ecosystem that seamlessly connects design, planning, production, and monitoring processes.

Solutions such as PB Designer, Aurora HMI, and Durma Cloud enable manufacturers to optimize workflows, improve process visibility, maximize machine productivity, and make faster, data-driven decisions. By integrating machine technologies with digital platforms, companies can monitor performance, reduce downtime, and proactively address potential issues before they impact production.

Connectivity has become a key driver of manufacturing efficiency. The ability to exchange information between ERP systems, software platforms, and production equipment allows manufacturers to improve productivity while maintaining flexibility in rapidly changing market

conditions. Developed by Durma's experienced R&D teams, our digital solutions create a seamless flow of information from the office environment to the shop floor.

Sustainability is another key priority. Durma continues to develop technologies that help customers reduce energy consumption, minimize waste, and improve resource utilization. Solutions such as servo and electric press brakes, fiber laser cutting machines demonstrate how advanced engineering can combine speed, precision, and energy efficiency within a single platform.

India continues to strengthen its position as one of the world's most dynamic manufacturing hubs. As investments in automation, digitalization, and smart factory initiatives continue to grow, so does the demand for reliable and future-ready technologies.

Through innovative products, Durma India organization and strong local partnerships, providing excellent service network, we are proud to support the transformation of Indian manufacturing. With our commitment to innovation, engineering excellence, and customer success, Durma will continue to deliver reliable smart solutions that enable manufacturers to achieve higher productivity, greater flexibility, and sustainable growth.

Whether you are looking for advanced manufacturing solutions, machine technologies, or after-sales support, our Durma India team is ready to help. Visit our website to learn more and get in touch with us.

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About SINAR

Founded in 2019, SINAR Sheetmetal Solutions Pvt. Ltd. has quickly emerged as a leading Indian manufacturer transforming the sheetmetal industry. We deliver innovative, precise, reliable, and cost-effective machine tools designed for modern manufacturing.

As part of the Ace Micromatic Group (AMG)—India's largest machine tool solution provider—SINAR offers high-performance machinery built for precision, reliability, and productivity across industries.

Backed by a team with 40+ years of machine tool expertise, our product range includes laser cutting machines, bending machines, welding systems, robotic automation, and special-purpose machines for automotive, aerospace, construction, electronics, and furniture sectors.

We specialize in customized solutions, driven by strong R&D and continuous customer feedback. Our global technology partnerships ensure access to the latest innovations for our users.

With a growing international presence, SINAR exports high-quality solutions worldwide, maintaining a strong commitment to integrity, excellence, and customer satisfaction.

Why SINAR?

- In-house developed, user-friendly interface – Designed for simplicity, efficiency, and seamless operator experience.
- High-rigidity machine base – Ensures long-term stability and vibration-free performance.
- Machine base frame (Bed) with high-precision machining – Critical parts are manufactured with high accuracy.
- Stress-relieved structure – Minimizes deformation and enhances durability over years of operation.
- Positional accuracy < 50 microns – Guaranteed precision for demanding cutting applications.
- Low backlash, high precision gearbox – Delivers smooth, consistent and highly accurate motion control.
- Quality 5/6 rack & pinion – Ensures exceptional repeatability, long life, and stable motion at high speeds.
- High-quality, reliable sub-systems – Selected from globally trusted brands for zero-downtime performance.
- Swift application & after-sales support – Dedicated service team to assist you with quick responses and expert solutions.

Laser Cutting Machine Series

- High-Precision Performance
- Next-generation sheet-metal cutting engineered for accuracy, power, and consistent reliability.
- Robust Fabricated Base
- High-rigidity structure minimizes vibration and ensures stability even during high-speed operations.
- Premium Laser Source
- Equipped with IPG/MAX fiber lasers for superior beam quality, deep penetration, and high energy efficiency.
- Smooth & Accurate Motion
- Precision LM rails, advanced motion control, and servo systems deliver flawless, repeatable results.
- High-Speed Cutting Head
- Precise auto-focus head with intelligent piercing and stable high-speed cutting for any material thickness.
- Boosted Productivity
- Fast automated pallet changer for seamless loading/unloading and reduced downtime.
- Operator-Friendly Interface
- Ergonomic design with an intuitive CNC UI for easy control of parameters, paths, and live monitoring

Fabricated Structured Base

- High-Rigidity Base Structure
- Fabricated plate construction engineered for maximum stability, precision, and long-term durability.
- Stress-Relieved & CNC-Machined
- Advanced stress-relief processing and precision machining ensure vibration-free performance at high speeds.
- Superior Mechanical Strength
- Excellent torsional rigidity and thermal stability maintain micron-level accuracy during continuous cutting.
- Enhanced Cutting Quality
- Stable base improves motion smoothness, cutting consistency, and lifespan of critical components.
- Hopper-Based Smoke Extraction
- Strategically placed hopper efficiently removes smoke and fine particles from the cutting zone.
- Cleaner Operating Environment
- Improves air quality, enhances visibility, and protects optics and electronics from contamination.

Laser Cutting Machine – Model LCM 3015 EF

The LCM 3015 EF is a high-performance fiber laser cutting machine designed to deliver precision, speed, and productivity for modern sheet-metal processing. Engineered with a robust mechanical structure, advanced motion control, and a powerful IPG fiber laser source, the machine ensures outstanding cutting quality across a wide range of materials and thicknesses.



With a table size of 3100 × 1550 mm and generous axis travels, the LCM 3015 EF supports efficient processing of standard-size sheets. High-speed rapid movements of 100 m/min in X & Y and 140 m/min simultaneous ensure reduced cycle times while maintaining accuracy and repeatability.

The machine is equipped with a Precitec Procutter 2.0 laser cutting head, supporting up to 8 kW laser compatibility, enabling excellent cutting performance and stable operation. A dual-channel industrial chiller independently cools both the laser source and the laser head to maintain thermal stability and reliability during continuous production.

To maintain a clean working environment and protect internal machine components, the system includes a high-capacity dust extraction system. The machine also features centralized liquid-grease lubrication, ensuring smooth motion and long component life.

An intuitive, next-generation operator interface simplifies machine operation — reducing learning time, minimizing errors, and helping operators focus on productivity rather than navigation complexity.

PBCH 3110 – CNC Press Brake

The PBCH 3110 is a 100Ton, 3.1m CNC press brake engineered for precision metal bending and high-productivity manufacturing environments. Designed for versatility and accuracy, it delivers consistent bend quality and reliable performance across a wide range of sheet metal applications.



Equipped with an advanced CNC controller, the machine enables easy programming, precise positioning and efficient operation, helping users achieve high accuracy and repeatability. Its rigid mechanical structure and robust hydraulic system ensure stable performance, durability, and long service life, even under demanding production conditions.

The PBCH 3110 is ideal for fabrication shops and manufacturing facilities seeking dependable bending performance, improved productivity, and consistent product quality. With its user-friendly controls, robust construction, and proven bending capability, the machine provides an efficient and cost-effective solution for modern sheet metal processing requirements.

OUR PRODUCTS



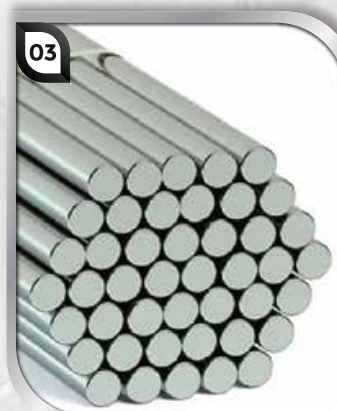
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SUPER AUTO FORGE PRIVATE LIMITED

COMPANY OVERVIEW

Super Auto Forge Private Limited (SAF), Started in 1974 and headquartered in Chennai, Tamil Nadu, India, stands as the Pioneer and country's largest manufacturer of cold and warm forged steel and aluminium components. With a legacy spanning over five decades, SAF has grown from a modest steel cold-forming unit into a recognized as a Tier 1 supplier Original Equipment Manufacturers (OEMs) across the Globe

MANUFACTURING CAPABILITIES

SAF operates state-of-the-art manufacturing facilities at Kolapakkam, Tirumudivakkam, Nedunkundram, Periyamadurapakkam as well as a new facility at the Vallam SIPCOT Aerospace Park in Sriperumbudur. The company specializes in cold and warm forging of both steel and aluminium, SAF does not have any technical collaboration and has an in-house State of art tool room, dedicated world class R&D division, along with exclusive forging presses for product and process development. SAF also possesses in-house capability for special purpose machine design and manufacturing, making it a fully self-reliant technology-driven organization. Its in-house surface treatment capabilities include zinc plating, phosphating, anodizing, silver plating, chrome plating, nitro-carburizing, and vacuum carburizing plants.

PRODUCTS & GLOBAL MARKETS

The company manufactures a comprehensive range of components including CV joint parts, suspension ball joint assemblies, braking parts (steel and aluminium), drive shaft components, and a growing portfolio of non-automotive products. SAF is rated among the top three global suppliers for product families such as CV Joints and Aluminium Braking Parts. Having commenced exports to the US market in 1998, SAF established its North American branch office, SAF Inc., in 2001, followed by a European branch in 2012.

SUSTAINABILITY & CORPORATE RESPONSIBILITY

Recognizing the energy-intensive nature of the forging sector, SAF has made significant investments in green energy infrastructure. Today, approximately 75% of the company's total power consumption is sourced from wind and solar power plants by SAF itself. All manufacturing plants maintain extensive green cover, water treatment with ZERO discharge and recycling facilities to promote environmental stewardship. The SAF management actively participates in Corporate Social Responsibility (CSR) initiatives focused on promoting education, healthcare, and community welfare in the neighborhoods surrounding its facilities.





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ENVIRONMENT**Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016**

By N.Ramadoss and M.Srinivasan, Quality Business Systems, Chennai - Chennai-600058



We are going to study on **Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and its Importance** in this edition.

The Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 were notified by the Ministry of Environment, Forest and Climate Change under the Environment (Protection) Act, 1986. These rules replaced the 2008 Hazardous Waste Rules and provide a comprehensive framework for the generation, storage, transportation, treatment, recycling, utilization, import, export, and disposal of hazardous waste in India.

What is Hazardous Waste?

Hazardous waste is any waste that is toxic, flammable, explosive, corrosive, reactive, or otherwise harmful to human health and the environment. Examples include:

- Used oil and waste oil
- Paint sludge

- Chemical residues
- Waste solvents
- ETP sludge containing heavy metals
- Waste cutting oil
- Contaminated containers and discarded chemicals

Key Objectives of the Rules

1. Protection of human health and environment
2. Reduction of hazardous waste generation
3. Promotion of reuse, recycling, recovery, and co-processing
4. Environmentally sound disposal of waste
5. Control of import and export of hazardous waste
6. Improved tracking and accountability through authorization and manifests

Waste Management Hierarchy

The Rules require occupiers to follow the following priority:

1. Prevention
2. Minimization
3. Reuse
4. Recycling
5. Recovery / Utilization / Co-processing
6. Safe Disposal

This hierarchy encourages industries to reduce waste generation before considering disposal.

Major Requirements for Industries**1. Authorization**

Industries generating hazardous waste must obtain authorization from the relevant State Pollution Control Board or Pollution Control Committee.

2. Safe Storage

Hazardous waste must be:

- Properly stored
- Segregated
- Labelled
- Protected from leaks and spills

3. Packaging and Labelling

Containers must be:

- Weatherproof
- Clearly labelled
- Suitable for safe handling and transportation.

4. Manifest System

Transportation of hazardous waste must be accompanied by a manifest document to ensure traceability from generation to disposal.

5. Disposal through Authorized Agencies

Waste must be sent only to:

- Authorized recyclers
- Authorized actual users
- Authorized Treatment, Storage and Disposal Facilities (TSDFs).

Importance of the Rules

Environmental Protection

Prevents contamination of:

- Soil
- Groundwater
- Surface water
- Air quality

Improper disposal can cause long-term environmental damage.

Human Health Protection

Reduces risks from exposure to:

- Toxic chemicals
- Heavy metals
- Corrosive substances
- Flammable wastes

These wastes can cause respiratory diseases, skin disorders, poisoning, and other health impacts.

Legal Compliance

Compliance is mandatory for industries. Non-compliance can result in:

- Closure notices
- Environmental compensation
- Prosecution under environmental laws.

Resource Conservation

Encourages:

- Recycling of oils and solvents
- Recovery of metals
- Co-processing in cement kilns
- Circular economy practices.

ESG and ISO 14001 Compliance

Proper hazardous waste management supports:

- ISO 14001 Environmental Management Systems
- ESG reporting requirements
- Sustainability goals
- Regulatory compliance audits

Key Records Required for Industries

- Hazardous Waste Authorization – Form 2
- Waste Generation Register
- Hazardous Waste Storage Records - Form 3
- Manifest Copies - Form 10
- Recycler/TSDF Agreements
- Annual Returns - Form 4

- Training Records
- Emergency Preparedness Records

Applicability to Manufacturing Industries

Common hazardous wastes generated in automotive, engineering, chemical, and metal industries include:

- Waste cutting oil
- Used lubricating oil
- Paint sludge
- ETP sludge
- Contaminated cotton waste
- Chemical containers
- Spent solvents

Such wastes must be managed as per the 2016 Rules and handed over only to authorized recyclers or TSDF operators.

Under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, there are 8 Schedules that define hazardous wastes, import/export requirements, authorities, and waste categories.

Important Schedules for Industries

Schedule I

Contains waste categories generated from industries such as:

- Paint sludge
- Used oil
- Waste oil
- ETP sludge
- Spent solvents
- Waste cutting oils
- Metal treatment sludge

These wastes are considered hazardous by default.

Schedule	Description	Purpose
Schedule I	List of hazardous wastes generated from various industrial processes	Identifies wastes that are automatically considered hazardous
Schedule II	Hazardous characteristics and concentration limits	Determines whether a waste is hazardous based on toxicity, flammability, corrosivity, reactivity, etc.
Schedule III	Wastes applicable for import and export	Divided into Parts A, B, C and D for transboundary movement of wastes
Schedule IV	List of commonly recyclable hazardous wastes	Identifies wastes that can be imported/recycled by authorized recyclers
Schedule V	Applicable standards for recycling and utilization of hazardous waste	Prescribes environmental safeguards and operating requirements
Schedule VI	Wastes prohibited for import	Lists hazardous wastes that cannot be imported into India
Schedule VII	Authorities and their duties	Defines responsibilities of MoEFCC, CPCB, SPCBs, Customs, DGFT, etc.
Schedule VIII	Documents required for import of wastes	Specifies documentation to be verified by Customs for imported wastes

Schedule II

Classifies hazardous waste based on:

- Toxicity
- Corrosivity
- Flammability
- Explosivity
- Reactivity

Used when a waste is not specifically listed in Schedule I but may still be hazardous.

Schedule III

Covers import and export of hazardous and other wastes:

- Part A – Hazardous wastes requiring prior informed consent.
- Part B – Other wastes permitted for import.
- Part C – Hazardous characteristics.
- Part D – Metal scrap and other recyclable wastes.

Schedule IV

Includes recyclable wastes such as:

- Copper scrap
- Zinc dross
- Brass dross
- Lead scrap
- Spent catalysts
- Metal-bearing residues

These can be recycled by authorized facilities.

Schedule VI

Specifies wastes whose import into India is prohibited to protect human health and the environment.

Schedule VII

Very important for compliance audits and ISO 14001. It defines duties of:

- Ministry of Environment, Forest and Climate Change
- Central Pollution Control Board

- State Pollution Control Boards
- Customs Authorities
- DGFT

and their roles in authorization, monitoring, enforcement, and import/export control.

Most Relevant Schedules for Manufacturing Industries

For automotive, engineering, metalworking, and general manufacturing industries, the most frequently referred schedules are:

1. Schedule I – Waste category identification
2. Schedule II – Hazardous characteristics
3. Schedule IV – Recyclable hazardous wastes
4. Schedule VII – Authority responsibilities

These four schedules are commonly reviewed during environmental compliance audits, ISO 14001 audits, and SPCB inspections.

=====

Summary

The Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 are India's primary regulations for ensuring that hazardous waste is generated, stored, transported, recycled, and disposed of in an environmentally sound manner. They help protect human health, prevent pollution, promote resource recovery, and ensure legal compliance for industries.

We will discuss about the following details in the next edition

- Wastes and its characteristics with example
- Storage requirements
- Transportation requirements

BUSINESS STRATEGY

How to Delegate to Managers Without Losing Control of Your Business ?

By Ramesh Kumar M, Director, TAB Chennai.

If you run a 5–50 person business, you already know the trap: you hired managers, yet you still answer the "quick questions," approve the small stuff, and jump into customer issues. It feels like control. It also keeps the business dependent on you

This guide shows you how to delegate to managers without losing control of your business — a clean way to hand off day-to-day ownership while you keep standards, visibility, and the ability to course-correct fast

Step 1: Redefine "control" so you can actually delegate

Most owners step in to prevent mistakes. Over time, the team learns a quiet lesson: wait for the owner. That is how "helpful" turns into a bottleneck, even when you have managers. Delegation works best as a repeatable process, not a one-off handoff.

Control = clear outcomes, reliable visibility, and fast course correction

List three weekly signals that create control for you: one number, one customer signal, one people signal

Step 2: List everything you touch in a normal week, then sort it by value

Most owners guess where their time goes, then delegate based on guilt. A quick inventory changes that. Writing down everything you did this week as a first move toward smarter delegation.

A 5-day log

- Set a timer for 30 minutes today. Delegate every task you touched this week.
- For the next five business days, record and update tasks as they occur in real time
- Sort each task into one bucket: growth, risk, people leadership, customer delivery, admin.
- Highlight the top 10% that only you can do

Step 3: Decide what you will never delegate — and what you must

Draw a bright line between owner calls and manager calls. Delegation works best with clear boundaries, not a vibe-based handoff

Owner vs. manager decision rights

Decision type	Who owns it	How you stay informed
Vision and values	Owner	Set standards once; review quarterly
Major capital	Owner	Managers bring options; you decide
Key hires	Owner	Senior roles and culture carriers
Daily execution	Manager	You review trends, not transactions
Customer recovery	Manager	Within preset procedure and limits

Decision thresholds

Approval limit: Manager approves purchases up to 50,000

Risk flag: Safety, legal, and compliance issues always escalate.

Brand trigger: Customer commitments and pricing exceptions always escalate

Step 4: Pick the right managers for delegation, not just the most loyal

Loyalty feels safe. Tenure feels earned. Neither guarantees leadership capacity. You need managers who can carry outcomes when you are not in the room.

A long-tenured "go-to" person may stay in their lane, wait for direction,

or avoid hard calls. That is reliability, not leadership. Delegation breaks when you hand over responsibility to someone who only executes tasks

Three signals to look for

Judgment: They choose a solid option with imperfect information and explain why

Follow-through: They close loops, hit dates, and clean up loose ends

Communication cadence: They update you before you ask, with facts and next steps

Quick diagnostic: Score each manager 1–5 on judgment, follow-through, and communication. Pick the manager with the highest total and delegate one outcome to them first

Step 5: Delegate outcomes, then define standards in plain language

Stop delegating a list of tasks. Delegate a result, then spell out the standards so your manager can run without "quick questions" every hour. Delegation works best as a repeatable process, not a vague handoff

Outcome statement format: What + by when + how you will measure it.

By Friday at 3 pm, reduce open customer tickets from 42 to under 15, with first response time under 2 hours.

Ramesh Kumar M is a TAB Certified Business Coach and Business Owner Advisory Boards Facilitator. He can be contacted for a Free 30 minutes Consultation on improving your Profitability and Cash Flow, through rameshkumar.m@thealternativeboard.in / whatsapp: 98450 71134.

HEALTH & FITNESS**Yoga for Fitness (YoFi)****BURNOUT THROUGH THE LENS OF THE THREE GUNAS - MOOLABANDHASANA**

In today's fast-paced workplace, many professionals experience burnout despite being productive and successful. Yogic concept of the Three Gunas - Sattva, Rajas, and Tamas provides a simple way to understand this journey.

Rajas is the energy of action, ambition, and constant activity. It helps us achieve goals and meet deadlines. When action is not balanced with adequate rest and recovery, energy reserves begin to decline. Over time, the same employee who was once enthusiastic and driven may

experience fatigue, mental exhaustion, irritability, reduced focus, and emotional detachment.

This is where Tamas gradually takes over. Tamas is characterized by heaviness, low motivation, procrastination, lack of enthusiasm, and withdrawal. Burnout can be understood as a shift from excessive Rajas into Tamas due to prolonged imbalance.

The goal is not to eliminate Rajas but to cultivate Sattva - the state of clarity, balance, awareness, and sustainable energy. Sattva allows individuals to

remain productive without becoming overwhelmed.

The cultivation of Sattva is supported not only through lifestyle modifications and mindful awareness but also through specific yogic practices that promote grounding, stability, and balanced energy.

One such practice is Moolabandhasana (Perineal Contraction Pose). This posture naturally induces Moola Bandha, helping practitioners develop steadiness, conserve energy, and cultivate awareness at the level of the Mooladhara Chakra. Regular practice can support the transition from the heaviness of Tamas towards the clarity and balance of Sattva.

Practice Guidelines:

- Sit with the soles of the feet together and heels drawn close to the body.
- Gently raise the buttocks so that the heels apply mild pressure at the perineum.
- Rest the hands on the knees in Chin Mudra or Jnana Mudra.
- Maintain normal breathing and focus awareness on the tip of the nose or the Mooladhara Chakra.
- Hold the posture comfortably without strain and release slowly.

Contraindication: This posture should be practised only after sufficient flexibility has been developed in the knees and ankles.

Benefits: Moolabandhasana promotes grounding, stability, and inner balance by naturally inducing Moola Bandha and directing awareness towards the Mooladhara Chakra. It also tones the reproductive and eliminatory organs while improving flexibility.

Niveditha C
Yoga Trainer





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HISTORY

வாழ்க வளத்துடன்

யாதும் ஊரே

யாவரும் கேளிர்..

நாகப்பட்டினம்: பகுதி-2

'பதறிதிட்டு' என்னும் பகுதியில் முன்பு புத்தவிகாரை இருந்துள்ளது. இவ்விகாரை கி.மு. 265-270 இடைப்பட்ட காலத்தில் கட்டப்பெற்றிருக்கலாம். அசோகர் கல்வெட்டு சோழ மற்றும் பாண்டிய நாடுகளில் புத்த பள்ளிகளை எழுப்பியதைக் கூறுகிறது. சீனப்பயணி யுவான் சுவாங் (கி.பி. 629-645) தன் பயணக்குறிப்பேட்டில், அசோகர் எழுப்பித்த புத்தப்பள்ளியை நாகப்பட்டினத்தில் தான் கண்டதாகக் குறித்துள்ளார். புத்த விகாரங்களின் வெளிப்பகுதியில் சீன நாட்டு முறையில் கோபுரங்கள் இருந்துள்ளன. நரசிம்மவர்மன் காலத்தில் 'புதுவெளிகோபுரம்' ஒன்றை கட்டியுள்ளார். கி.பி. 11 ஆம் நூற்றாண்டில் ஸ்ரீ விஜயம் மன்னர் குளாமணிவர்மன் நாகையில் 'குளாமணி விகாரை' யை அமைத்தான். இந்த பௌத்த பள்ளிக்கு இராஜராஜனும், அவன் மகன் இராஜேந்திரனும் 'ஆணைமங்கலம்' என்ற ஊரை பள்ளிச் சந்தமாக தானமாக அளித்துள்ளனர். இதைப்பற்றிய செப்பேடு ஹாலந்து நாட்டில் உள்ள லெய்டனில் இருந்தது. தற்போது இந்தியாவிடம் ஒப்படைக்கப்பட்டது.

நரசிம்மவர்மன் எழுப்பிய 'புதுவெளிகோபுரம்' 1882 வரை இருந்துள்ளது. பின்னர் கிறித்துவ குருமார்கள் ஆங்கில அரசிற்கு எழுதியதன்பேரில் இது இடிக்கப்பட்டது. இதன் அடியில் கண்டெடுக்கப்பட்ட 5 புத்தர் சிலைகளும் வெளிநாடுகளுக்கு சென்றுவிட்டது.

நாகப்பட்டினத்தை அடுத்த 'பரவை' என்ற கடந்துறை சார்ந்த ஊரில் 'நீர்ச்சூழல்' அடிக்கடி ஏற்பட்டு பல கலங்கள் மூழ்கியதற்கான அகச்சான்றுகள் பல கிடைத்துள்ளன. நாகை மாவட்டம் சோழநாட்டின் கடற்கரையோரப் பகுதியாகவே இருந்து வந்துள்ளது. வணிக துறைமுக பட்டினமாகவே இருந்து வந்துள்ளது. கி.பி. 10ஆம் நூற்றாண்டிலேயே இங்கு



நாகூர் தர்கா

இயற்கை வாயு வெளிப்பட்டுள்ளது. அக்கால மக்கள் இயற்கைவாயு வெளிப்பட்ட கிணற்றை

'புகையுண்ணிக்கிணறு' என்று அழைத்துள்ளனர். சோழர்களுக்குப் பிறகு தமிழகத்தை ஆண்ட நாயக்க மன்னர்கள் ஆட்சியில் நாகையை போர்ச்சக்கீசியருக்கு தாரை வார்த்தனர். கி.பி. 1500 முதல் 1658 வரை ஆண்டனர். அக்காலத்தில் போர்ச்சக்கீசியர் பல மீனவர்களை கொன்றனர். நாகூரில் இருந்த அரங்கநாதர் கோயிலை இடித்தனர்.

போர்ச்சக்கீசியர்களுடன் சண்டையிட்டு ஆலந்துக்காரர்கள் இப்பகுதியை 1658 முதல் 1824 வரை ஆண்டனர்.

தஞ்சை மராட்டிய மன்னர் ஏக்கோஜியுடன் உடன் படிக்கை செய்து கொண்டு குத்தகையாக நாகையை எடுத்தனர். இவர்களுக்குப் பின் நாகை ஆங்கிலேயர் கைக்கு வந்தது. இந்திய விடுதலைக்குப்பின்னர், தஞ்சை மாவட்டத்தின் ஒரு பகுதியாக இருந்தது.

வங்காள விரிகுடாக் கடலோரத்தில் அமைந்துள்ளதால், 2004 டிசம்பர் 26 அன்று ஏற்பட்ட ஆழிப்பேரலையால்

பெரிதும் பாதிப்புக்குள்ளான பகுதிகளில் நாகப்பட்டினமும் ஒன்றாகும்.

இவ்வூர் மக்கள் கல்வித் திறன் மிக்கவர்களாக இருந்திருக்கிறார்கள் என்பதை 'கற்றோர் பயில் கடல் நாகைக் காரோணம்' என்று ஞானசம்பந்தப் பெருமான் கூறியிருப்பதிலிருந்து தெரிந்து கொள்ளலாம்.

இக்கூற்றினை நிருபணம் செய்வதுபோல் மற்றொரு செவிவழி செய்தி உண்டு. ஒரு சமயம்,

இப்பகுதிக்கு வந்த கவி காளமேகப் புலவருக்கு பசியெடுத்தது. அங்கு பாக்கு விளையாடிக் கொண்டிருந்த பாலகர்களை நோக்கி, "சோறு எங்கு விக்கும்?" என்று கேட்டாராம். அப்பாலகர்கள் "தொண்டையில் விக்கும்" என பதில் கூறினார்களாம். (விற்கும் என்பதைப் பேச்சு வழக்கில் விக்கும் எனக் கூறுவோம் அல்லவா)

கோபித்த புலவர் அவர்கள் மீது வசைபாடும் பொருட்டு சுவரில் 'பாக்குத் தறித்து விளையாடும் பாலகர்க்கு' என்ற வரியை எழுதிவிட்டு பசியாறிய பிறகு எஞ்சிய பகுதியைப் பாடலாம் என்ற நினைப்போடு சென்று திரும்பியவருக்கு ஓர் அதிர்ச்சி.

ஆம்! அவர் எழுதியதற்கு மேல் 'நாக்குத் தமிழுரைக்கும் நன்னாகை' என்று அவ்விளஞ்சிறார் எழுதியதைப் பார்த்து மதிமயங்கிச் சென்றாராம்.

இது சோழ பண்டைய காலங்களில், நாகநாடு, நாகப்பட்டினம் என்பது மட்டுமே ஸ்ரீலங்காவால் குறிப்பிடப்படுகிறது. இலங்கை புத்த துறவிகள் நாகப்பட்டினம் நகரத்துடன் நெருங்கிய தொடர்பைக் கொண்டவர்களாவர். பல்லவ ராஜா ராஜசிம்மா

[690-728 AD] நாகப்பட்டினத்தில் புத்தர் விகார் உருவாக்க ஒரு சீன ராஜாவை அனுமதித்தார். ஆகையால், ஒரு சீனரால் கட்டப்பட்ட புத்தர் விஹார் ஒன்று இங்கு உள்ளது.

நாகூர் என்பது நாகர்களின் இல்லமாகும். அதனால் நாகூர் என்று அழைக்கப்பட்டது. ஆறாம் நூற்றாண்டு வரை இங்கு ஒரு சிவாலயம் இருந்ததாகவும், அப்பர், சம்பந்தர் மற்றும் சுந்தரர் இந்த சிவாலயத்துடன் தொடர்பில் இருந்ததாகவும் தெரிகிறது.

சௌந்தர்ராஜ பெருமாள் வைஷ்ணவ கோவில் இந்த நகரத்தின் ஒரு முக்கியமான அம்சமாகும். இந்த சோழ மண்டலம் விஜய நகர அரசர்களால் கொண்டாடப்பட்டது. தஞ்சாவூர் நாயக்கர் காலத்தில், போர்ச்சுகீசியர்கல் வியாபார தொடர்பு கொண்டுள்ளனர். அதற்கு பிறகு கிறித்தவர்கள் வியாபார தொடர்பு கொள்ள ஆரம்பித்தனர்.

பத்து கிராமங்களை போர்ச்சுகீசியர்கள் தங்கள் கட்டுப்பாட்டுக்குள் கொண்டுவந்தனர். அதுவே பிறகு வேளாங்கண்ணி பேராலயம் தோன்ற காரணமாக இருந்தது.

1779ஆம் ஆண்டு தஞ்சாவூர் மராட்டியர்காலத்தில், நாகப்பட்டினம் வராகன் மற்றும் நாகப்பட்டினம் சொர்ணம் என்று பொறிக்கப்பட்ட தங்க நாணயங்கள் புழக்கத்தில் இருந்ததாக அறியப்படுகிறது. 2000 ஆண்டுகளுக்கு முன்பே நாகப்பட்டினம் வரலாற்றில் அறியப்படுகிறது.



ஆரோக்கிய மாதா ஆலயம், வேளாங்கண்ணி.

காணத்தக்கவை:

நாகை:காயாரோகனேசர், நாகநாதர், சௌந்தரராஜ பெருமாள், நெல்லுக்கடை மாரி.

நாகூர்தர்கா, வேளாங்கண்ணி ஆரோக்கியமாதா, சிக்கல்சிங்கார வேலர், எட்டுக்குடி முருகன், வடக்குப்பொய்கை நல்லூர் கோரக்க சித்தர்.

வேதாரண்யம், அகஸ்தியன்பள்ளி, குழகர்கோவில், திருக்கண்ணபுரம், திருக்கண்ணங்குடி, கீவளூர், திருத்தேவூர், திருமருகல், திருப்புகலூர், திருச்செங்காட்டங்குடி, திருக்காரவாசல், திருக்குவளை, திருவாய்மூர், வலிவலம், செம்பியன் மாதேவி ஆகியதிருத்தலங்கள்.

கோடிக்கரை பறவைகள் சரணாலயம்.

—பயணம் தொடரும்

தகவல் சேகரித்து வழங்கியவர்:



திரு எஸ். சம்பத் அவர்கள் இளங்கலை பொறியியல் (சிவில்) பட்டதாரி தலைமைப் பொறியாளர் (ஓய்வு) கடமை ஆற்றியது: சென்னை குடிநீர் வாரியம் (1980 -2015)

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Sri. K. Dhavamani - Imm. Past. Secretary	9840055351

Members In Charge of Various Portfolios

TANCAM, Skill Development	Mr. T. Rajkumar
Greater Chennai Corporation, Patta, TNPCB	Mr. L. N. Ramaswamy
Legal, Govt Departments, Public Relations, CAAIUC Co-ordination	Mr. V. Vijayakumaran, Mr. S. Bharath
Maintenance & Common Creche	Mr. A. Babu
Social Media, Website, Defence & aiemaglobal.net	Mr. D.S. Rajagopal
Sports	Mr. R. Vignesh
MOU with Educational Institution, Medical Clinic & CSR Activities	Mr. P.V. Ramesh Babu
HRD, Statutory Legislation, Interaction with other Association, MSME Federation	Mr. K. R. Sampath
Hall Booking, Advts for Compound Wall Display Boards, AIEMA Restaurant, CETP	Mr. D. Kandhan
ISO, Industrial Training, GST	Mr. T. Sethuraman
Membership and Monthly Grievance Redressal Meeting	Mr. R. Vivek

AIEMA Silver Jubilee Trust

Dr. M. Lenin	Managing Trustee, ASJT
Mr. C. Raju	Trustee, ASJT
Mr. D. Udayakumar	Trustee, ASJT

ASSET MANAGEMENT COMMITTEE

Mr. M. Balachandran	Chairman, AMC
Mr. D. Ravi	Member, AMC
Mr. K. Ayyappan	Member, AMC
Mr. G. Ravichandran	President, AIEMA
Mr. G. Krishnamoorthy	Vice President, AIEMA
Mr. G. Venu	Chairman, ACMEE 2027
Mr. P.S. Ramesh	Chairman, ACMEE 2025

TANCAM & Skill Centre Committee

Mr. A. Ramesh	Chief Coordinator
Mr. SP. Uthay Poongkundram	Coordinator
Mr. D. Senthil Kumar	Coordinator
Mr. K. Manickam	Coordinator

ACMEE 2027

Mr. G. Venu	Chairman, ACMEE 2027
Mr. A.N. Sujeesh	Convenor, ACMEE 2027
Mr. T. Palaniappan	Treasurer, ACMEE 2027

Phone: +91-44-2625 8731 / 2625 8619 | email: mail@aiema.net | web: www.aiema.net

List of CAIIUC Directors



CHENNAI AUTO ANCILLARY INDUSTRIAL INFRASTRUCTURE UPGRADATION COMPANY (CAIIUC)

SIDCO ADMINISTRATIVE OFFICE, ANNEX BUILDING, 2ND MAIN ROAD, AMBATTUR INDUSTRIAL ESTATE,
CHENNAI - 600 058

S.No.	Name	Designation	Mobile	E Mail ID
1	Mr. C J VENKATESH	CHAIRMAN-AMBATTUR	9444022452	cjvenki@yahoo.com
2	Mr. ARUL PONNUSAMY	VICE CHAIRMAN (THIRUMUDIVAKKAM)	9840222266	arul@ponmaniengineers.com
3	Mr. P. PANAYAPPAN	DIRECTOR-AMBATTUR	9840866424	sridevi20072007@yahoo.co.in
4	Mr. AMIT TULSIAN	DIRECTOR-AMBATTUR	9751233115	info@spicelite.in
5	Mr. K.S SUDHEER	DIRECTOR-AMBATTUR	9840234255	info@axioms.in
6	Mr. V PALANIAPPAN GANESH	DIRECTOR-AMBATTUR	9840612346	ganesh@junction1.net
7	Mr. S BOOTHALINGAM	DIRECTOR-AMBATTUR	9444125936	sivakami324@gmail.com
8	Mr. G RAVICHANDRAN	PRESIDENT - AIEMA	9444787777	superplaterschennai@gmail.com
9	Mr. G KRISHNAMOORTHY	VICE PRESIDENT - AIEMA	9094037092	chennaiheat@yahoo.co.in
10	Mr. R G CHAKRAPANI	DIRECTOR-THIRUMAZHISAI	9841074314	md@gemcnc.co.in
11	Mr. P SRIGANTH	DIRECTOR-THIRUMAZHISAI	9840450151	sriganth1970@gmail.com
12	Mr. KANDAPERUMAL GUNASEKARAN	DIRECTOR-THIRUMUDIVAKKAM	9176717121	gunasekaran@microtech5.com
14	Mr. BALAMURUGAN	DIRECTOR-THIRUMUDIVAKKAM	9840714447	balamurugan@imaccables.in
16	Mr. KARTHIK, IAS	TANSIDCO GOVT NOMINEE DIRECTOR	(T)22501461	md.sidco@nic.in
17	Mr. NIRMAL RAJ, IAS	DIC GOVT NOMINEE DIRECTOR	22505013	indcomchn@gmail.com

Tel: 2624 8233 | email: caaiuc@gmail.com | Web: www.caaiuc.com

Important Contact Nos.

Department	Name	Mobile
Inspector of Factories	Mr. Illavarasan - Deputy Director	6374160918, 044 - 22502312
TNPCB	Mr. PS Sampath Kumar - DEE	9514419431
	Ms. Lilly Joice - AE (South)	8925891940
	Ms. Sreelekha - AE (North)	7845551297
TANSIDCO	Mr. M. Srinivasan - BM	9445006563
	Mr. Pari	9840030990

Emergency Contact No.

Organisation	Name	Mobile	Landline
AIEMA-SLMCH Health Centre		8925349111	AIEMA Office
Rotary Club Hospital, 1st Main Road, AIE			29998101/26258616/26359553
Sundaram Medical - AIE			26144444/26202233/26144240 Pilot No: 26144100
Fire Service - Ambattur Industrial Estate	Mr. D. Ramadoss - ADO	944506064	26251601/101/112
Police Station - T2, AIE	Mr. Gopinath, Inspector of Police	8610607907	044 - 23452798
Traffic Police	Mr. Paranthaman - Inspector	9840990163	

Tamil Nadu Electricity Board	Contact Person	Mobile
<u>EE Ambattur</u>	Mr. R. Baskaran	9445850311
<u>AEE Ambattur Industrial Estate</u>	Mr. Manunithi	9445850315
AIE- South Phase		
AE South Phase - AIE	Ms. Devi, AE	9445850329
	Mr. Ranganathan, AE	9445850334
AIE-North Phase		
AE North Phase - AIE	Ms. Devi, AE	9445850330
AE Mangalapuram	Ms. Nalini, AE	9445850331
AE Pattaravakkam	Mr. Umapathy, AE	9445850332

Foreman		
South Phase	Mr. Suresh	9003243144
South Phase	Mr. Dharmaveer	8667641426
South Phase	Mr. Gunasekaran	9444232379
North Phase	Mr. Nagaraj	9171110918
North Phase	Mr. Shanmugam	9444205615
North Phase	Mr. Velu	9840414346
Fuse of call.		
AE South Phase - AIE		9445850394
AE Central - AIE		9445850395
AE North Phase - AIE		9498346020
AE Mangalapuram		9498346021
AE Pattaravakkam		9498346022
Centralized no. for Fuse of call -		9498794987
Chennai Corporation		
EE - South & North	Mr. Kumaraswamy	7397377894
AE - Ward 86	Mr. Victor	9445190386
AE - Ward 84	Mr. Hemanathan	9445190027
ARO - South	Mr. Arumugam	9840183314
ASSR	Mr. Sambasivam	9677081338
Tax Collector	Mr. Senthil	9940077145
ARO - North	Mr. Kirubakaran	9840107392
ASSR	Mr. Sureshkumar	9443066795
Tax Collector	Mr. Suresh	7358643468
	Mr. N. Ramesh	7299096316

Notes:



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- ♦ PRODUCT - Any Lawful MSME Activity
- ♦ FACILITY - CC/OD/TL/NFB
- ♦ MIN AMT- ₹0.11 Cr & MAX AMT- ₹25Cr
- ♦ ROI STARTING - 8.75%(Floating)
- ♦ MARGIN Minimum - NA
- ♦ COLLATERAL (MIN) :NA
- ♦ CGTMSE - COVERAGE - NA
- ♦ Repayment (Year) - 7 Years



CENT SHOP PURCHASE LOAN

- ♦ PRODUCT - Purchase / Construction / Renovation of Shop / Office
- ♦ FACILITY - TL
- ♦ MIN AMT - ₹0.05 Cr & MAX AMT- ₹5 Cr
- ♦ ROI STARTING - 8.75%(Floating)
- ♦ MARGIN Minimum - 25%
- ♦ CGTMSE - COVERAGE - NA
- ♦ Repayment (Year) - 15 Years



CENT GST LOAN

- ♦ PRODUCT - All Lawful MSME Activities
- ♦ FACILITY - CC
- ♦ MIN AMT - ₹0.10 Cr & MAX AMT - ₹5 Cr (Manufacturers) / ₹2 Cr (Service)
- ♦ ROI STARTING - 9.50%(Floating)
- ♦ MARGIN Minimum - 25%
- ♦ COLLATERAL(MIN)-100% or CGTMSE
- ♦ CGTMSE - COVERAGE - Service ₹2 Cr / Manufacturing ₹5 Cr
- ♦ Repayment (Year) - 1 Year



CENT ENGINEERING LOAN

- ♦ PRODUCT - Machineries, Electrical Parts , Vehicle Components
- ♦ FACILITY - CC/OD/TL/NFB
- ♦ MIN AMT - ₹0.11 Cr & MAX AMT - ₹50.00 Cr
- ♦ ROI STARTING - 7.75% (Floating)
- ♦ MARGIN Minimum - 25%
- ♦ COLLATERAL (MIN) -30%
- ♦ CGTMSE - COVERAGE - ₹10 Cr
- ♦ Repayment - TL: 10 Years / WC: 1 Year



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