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CIN: L31901TN1984PLC011021

December 10, 2024

National Stock Exchange of India Limited

Exchange Plaza, C-1, Block G Bandra Kurla Complex, Bandra (East), Mumbai – 400 051 Scrip: INDNIPPON

Sub: Investor Presentation

BSE Limited

Phiroze Jeejeebhoy Towers Dalal Street Mumbai - 400 001 Scrip: 532240

Dear Sir/ Madam,

Pursuant to Regulation 30 of the Securities and Exchange Board of India (Listing Obligations and Disclosures Requirements) Regulations, 2015 (the "Listing Regulations"), we are enclosing herewith a copy of Investor Presentation which may be presented to various investors and analysts.

The presentation is also being made available on our website https://indianippon.com

Kindly take the above information on record.

Thanking you Yours Sincerely For India Nippon Electricals Limited

SEKAR Digitally signed by SEKAR LOGITHA LOGITHA Date: 2024.12.10 14:59:37 +05'30'

S Logitha Company Secretary

Encl: as above





TABLE OF CONTENTS

India Nippon Electricals Ltd

Company Overview Business Overview Strategic Overview Industry Overview

Financial Overview

INVESTOR PRESENTATION



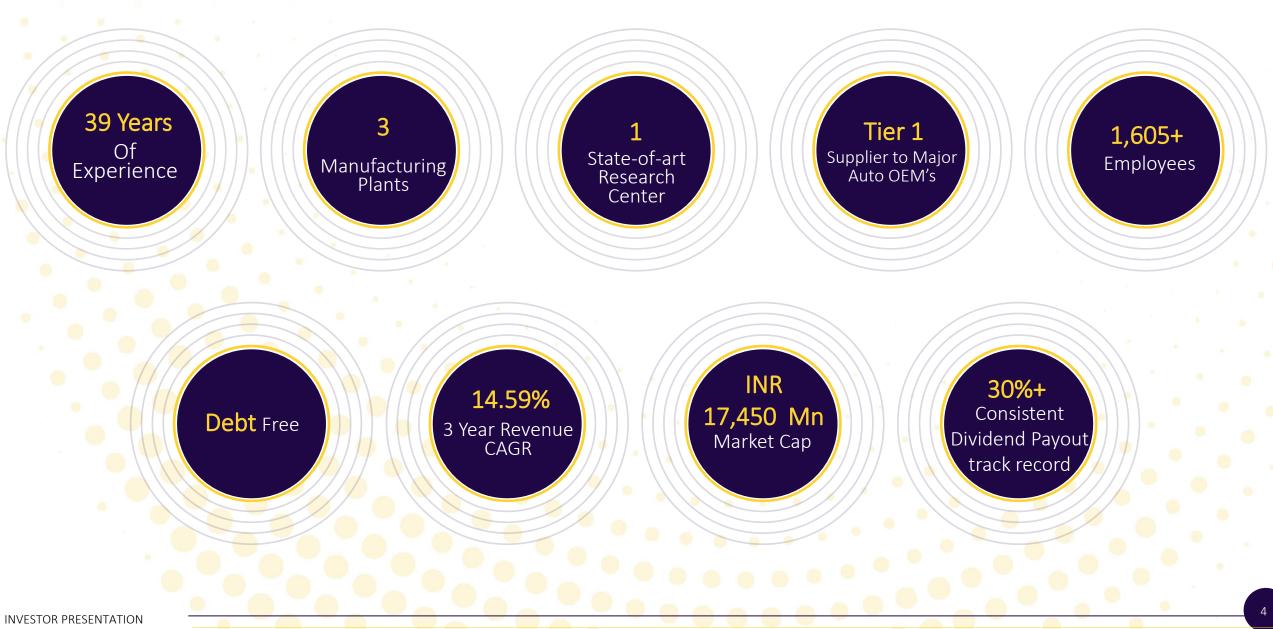
Company Overview



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SNAPSHOT





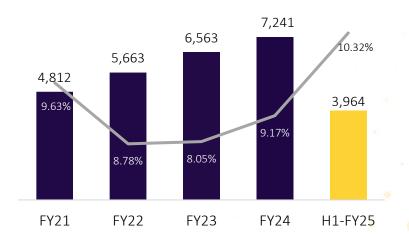
COMPANY OVERVIEW

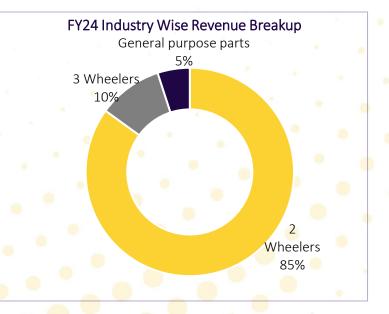


- India Nippon Electricals Limited (INEL) was incorporated in 1984 and owned by Lucas Indian Service Limited, a whollyowned subsidiary of Lucas-TVS Limited to manufacture electronic ignition systems for two-wheelers, three-wheelers and portable engines.
- INEL's product offerings cover all custom-built ignition system parts for various applications to meet the whole range of OEMs in the vehicle industry and enjoys a market leadership position in the electronic ignition system products, and has also recently entered the market for electric vehicles.
- The Company continues to expand its product portfolio and capabilities with future technologies such as sensors, controllers, converters and engine control units etc., in addition to its offerings for internal combustion engines.
- The Company has 3 Manufacturing facilities and state-of-art Tech centre located at Tamil Nadu, Puducherry, and Haryana.
- Over the years, the Company has developed a range of high-quality, differentiated products, which has allowed it to establish a solid customer base in India and an expanding clientele abroad.
- INEL has built a wide customer base in North America, Japan, and Europe and remains committed to increasing its aftermarket and export operations as well.



Revenue (INR Mn) & EBITDA Margins (%)

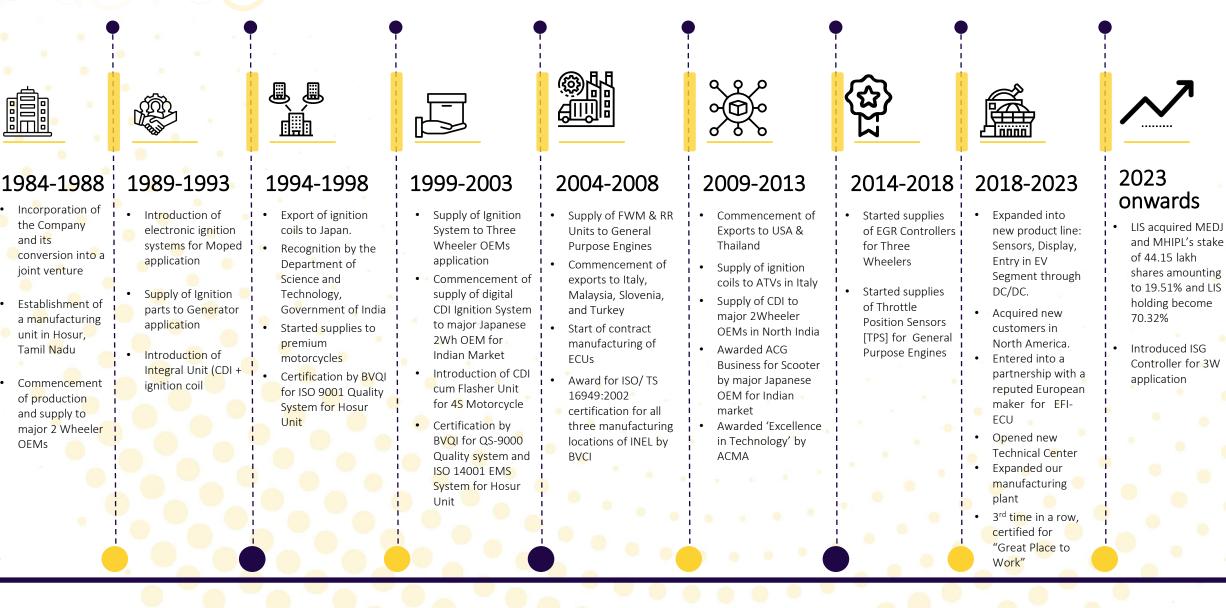




INVESTOR PRESENTATION







INVESTOR PRESENTATION

EMINENT LEADERSHIP





Mr. T.K Balaji - Chairman

- Mr. T. K. Balaji, (DIN 00002010), was appointed as a Director on the Board of the Company on 28" July, 1986, and is presently the Chairman of the Lucas-TVS Group of Companies, engaged in cutting-edge technology products in the field of mechatronics through Lucas-TVS Limited, Common Rail Diesel Fuel Injection Technology through Delphi-TVS Technologies Limited, and India's oldest leader in aftermarket distribution and service of these products through Lucas Indian Service Limited.
- He holds a bachelor's degree in mechanical engineering from Madras University where he secured first rank and is also a gold medallist alumnus of the Indian Institute of Management, Ahmedabad.
- He is the Past President of ACMA and had served as a Member of CII, National Council for a number of years. He was a Member of the Development Council for Automobiles & Allied Industries, Government of India.



Mr. Arvind Balaji - Managing Director

- Mr. Arvind Balaji, (DIN 00557711), was appointed as director of the Company w.e.f 25th October, 2008 and was inducted on the board as a Managing Director of the Company w.e.f 27th August, 2014.
- He is an MBA in Finance from the Wharton School, University of Pennsylvania and also holds a master's degree in manufacturing systems engineering from Stanford University and bachelor's degree in mechanical engineering from BITS - Pilani, Rajasthan, India.
- He is currently engaged as Managing Director of Lucas TVS Limited, India Nippon Electricals Limited and Director of Lucas Indian Service Limited, Delphi-TVS Technologies Limited, TVS Motor Services Limited, TVS Training & Services Limited, Schaeffler India Limited, Blue Star Engineering & Electronics Limited.
- He is the past president of the Automotive Component Manufacturers Association (ACMA) and led the Technology, Safety and Regulatory (TSR) Committee of ACMA. He continues to play an active role in all ACMA Technology and Regulatory Committees.

BOARD OF DIRECTORS AND KEY MANAGEMENT PERSONNEL



India Nippon Electricals Ltd

WORLD-CLASS MANUFACTURING FACILITIES





ASSISTED BY STRONG INTERNAL STATE-OF-THE-ART R&D FACILITIES & INFRASTRUCTURE



- Today's technology advances call for constant innovation and manufacture of products of high quality and reliability at competitive prices.
- Realizing this dictum, INEL has invested substantially in equipping its R&D to independently design and develop ignition products for various engine applications.
- The intense procedures adopted to achieve the specification of customers involves taking products through many comprehensive tests by a set of dedicated and qualified engineers.
- In recognition of this capability, the Department of Science and Technology,
 Ministry of Industry, Government of India, have accorded recognition to India Nippon Electricals Ltd., since the year 1994.









KEY CLIENTELE



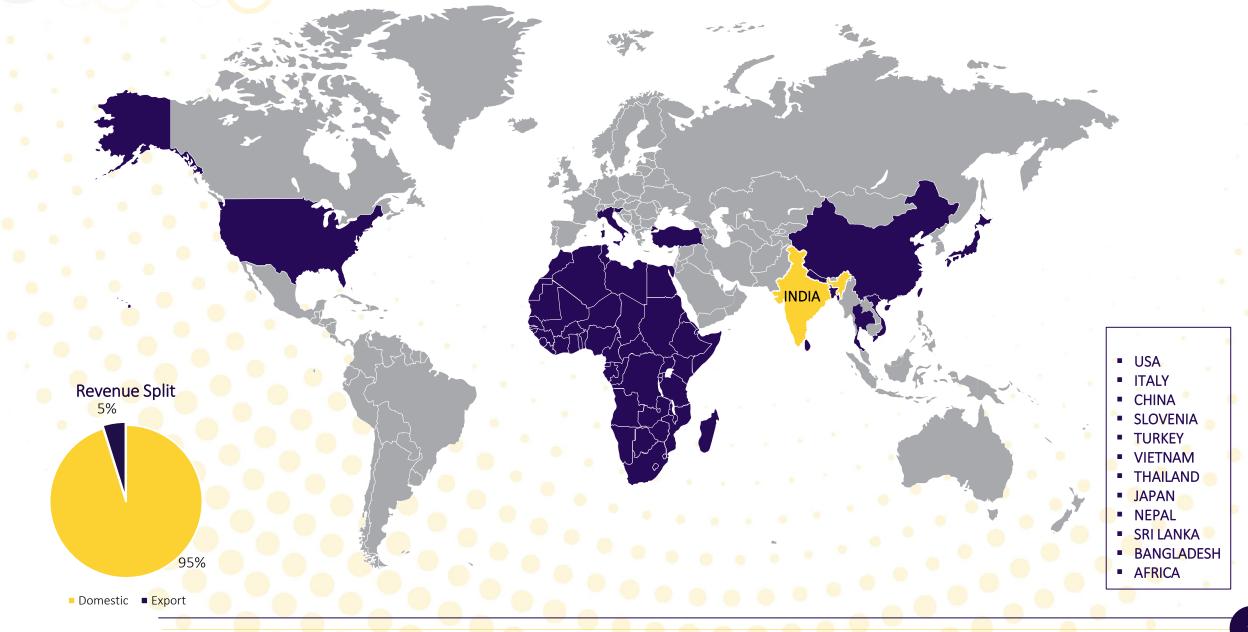


INVESTOR PRESENTATION

11

GEOGRAPHICAL PRESENCE





INVESTOR PRESENTATION

Business Overview





PRODUCT PORTFOLIO



Electronic Ignition System

It is a modern automotive ignition system that replaces the conventional mechanical ignition systems used in older vehicles.

Its primary function is to ignite the air-fuel mixture in the engine's cylinders at the right time to facilitate combustion and power generation.

It refers to the various electronic control units (ECUs) and modules that manage and control different systems and functions within the vehicle.

Controllers

Modern vehicles are equipped with numerous electronic components and systems, and these controllers are responsible for monitoring, regulating, and coordinating their operations.

Integrated Starter Generator system [ISG], combines the functions of a starter motor and an electric generator into a single unit.



It is the collection of various sensors installed throughout the vehicle to monitor and provide critical data on its operating conditions.

These sensors play a crucial role in modern automotive systems, enabling advanced functionalities, improving safety, and optimizing performance.

Electric Vehicles

Recently established world-class Technology center in Tamil Nadu is particularly focused on developing EV technology products and technologies for emission control and compliance.

Mechatronic products with new technology solutions and software are also being designed for wide applications across segments.

Aftermarket

A dedicated team is focusing on aftermarket several and taken to measures are brand strengthen image, product range, constant sales promotion efforts and distribution network to extract maximum value for business.

INEL also conducts skill development programme for 2W mechanics.

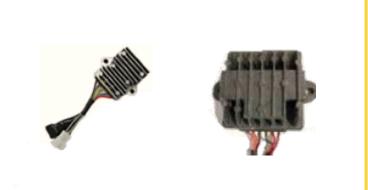
ELECTRONIC IGNITION SYSTEM





AC Generator/ Flywheel Magneto

Flywheel Magneto is an electrical machine with permanent magnet rotor that can function to generate electricity for supplying vehicle electrical loads and for battery charging.



Regulator & Rectifier/ Power Boosts Regulator

Regulator & Rectifier plays a crucial role to rectify and regulate the AC output from magneto, thereby charging the battery and supplying to DC loads. In addition, the RR unit regulates the magneto output and provides supply to AC loads.



Ignition Coil is an induction coil in an automobile's ignition system that transforms the battery's voltage to the thousands of volts needed to create an electric spark in the spark plugs to ignite the fuel.

CONTROLLERS





ISG Controller

It plays a central role in managing the operation of the Integrated Starter Generator system, which combines the functions of a starter motor and an electric generator into a single unit.



EGR Controller

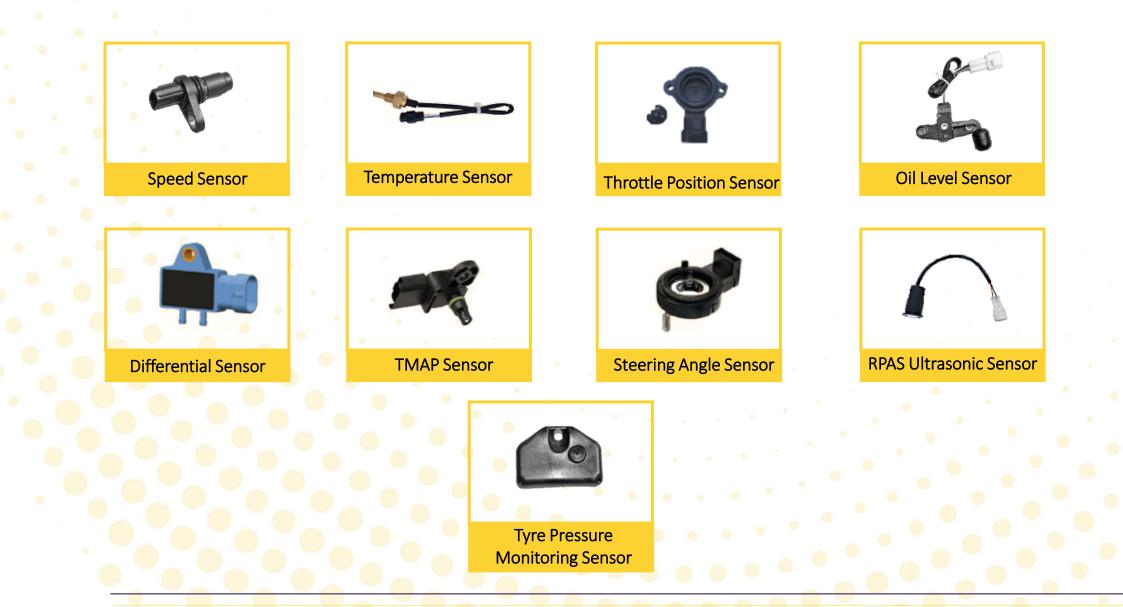
Exhaust Gas Recirculation controller, is a component in a vehicle's engine management system that regulates the flow of exhaust gases back into the engine's combustion chambers.



EFI ECU

It is responsible for managing various aspects of the engine's operation, including precise fuel injection, airfuel ratio regulation, ignition timing control, idle speed management, throttle control, and more. SENSORS





2W ELECTRIC VEHICLES





Cluster

It refers to the instrument cluster or dashboard panel found on a two-wheeled vehicle's handlebars or front section. It provides essential information to the rider about the vehicle's performance, speed, fuel level, engine status, and various other parameters.

Colored LCD Cluster in proto stage and TFT Cluster is in development stage.

TPMS

Tyre Pressure Monitoring System is an important safety feature in both conventional and electric vehicles. It is designed to monitor the air pressure in the vehicle's tyres and alert the driver if there is a significant drop in pressure, which can lead to decreased vehicle performance, increased tyre wear, and potential safety risks.

Traction Motor

2 3 3

Traction motors are powered by electricity and generate the power to rotate the wheels. They are typically mounted in the trucks where the wheels are housed.

Motor Controller

It is a critical component in an electric vehicle (EV) that regulates and controls the operation of the electric motor. It manages the power flow from the vehicle's battery to the motor, allowing precise control over the motor's speed, torque, and direction.

DC-DC Converter

It helps manage the power flow and compatibility between these systems. The main purpose of a DC-DC converter in an electric vehicle is to convert the highvoltage DC power from the main battery pack (usually several hundred volts) to lower voltages.

Side Stand Sensor

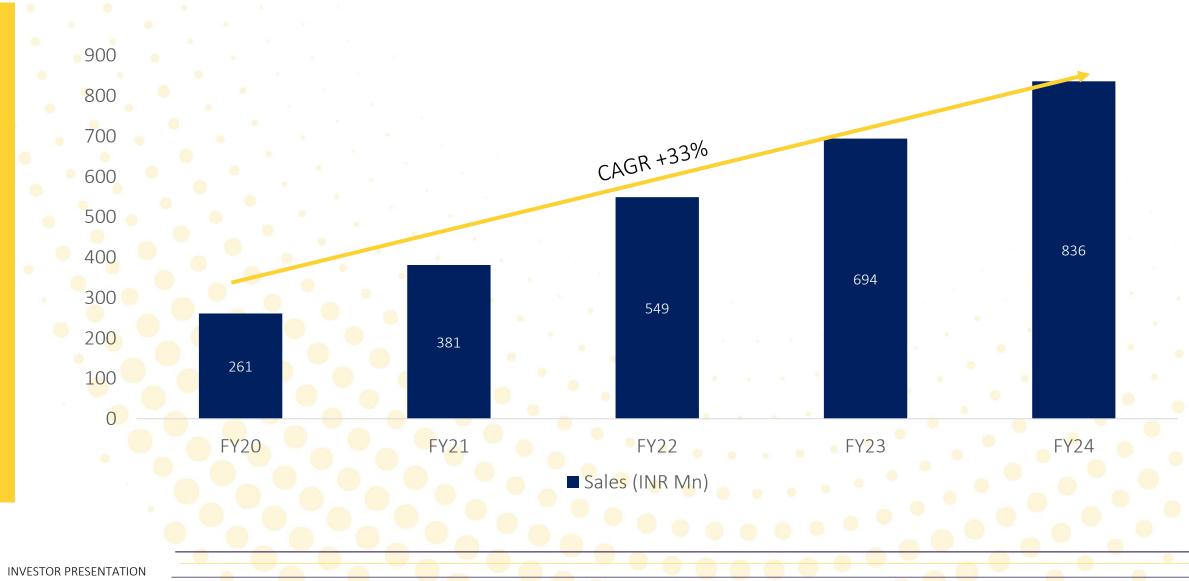
It gives safety alert to ECU to stall the engine if the side stand is in the lowered position and not disengaged. Under Development

In Mass Production

After Market Sales

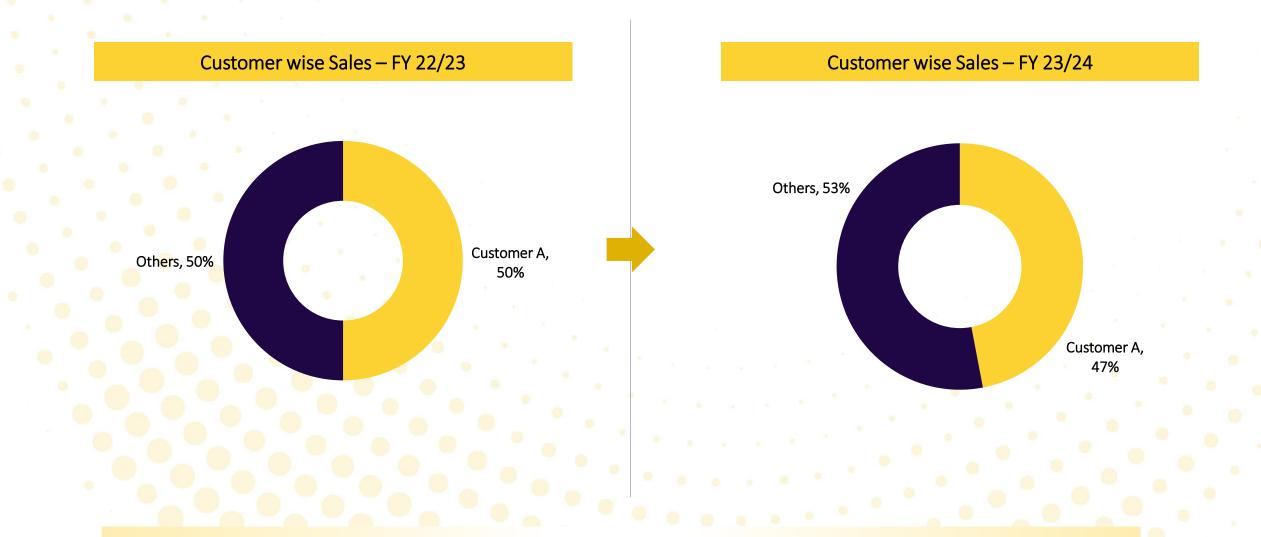


Currently After Market Sales contribute to around 12% of overall Sales with a target to reach 15% levels by FY25



CUSTOMER WISE SALES





Customer diversification is increasing.

Strategic Overview





INDUSTRY VS INEL PERFORMANCE OVER YEARS



Highly volatile Situation :

• BS4 \rightarrow BS6 Change over

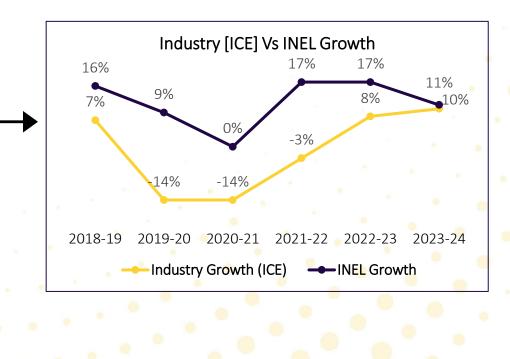
ISG Migration

- EV penetration increased : ~6% of 2w market [crossed 1 million mark]
- Covid pandemic
- Constant change in regulatory requirements for environment concerns.

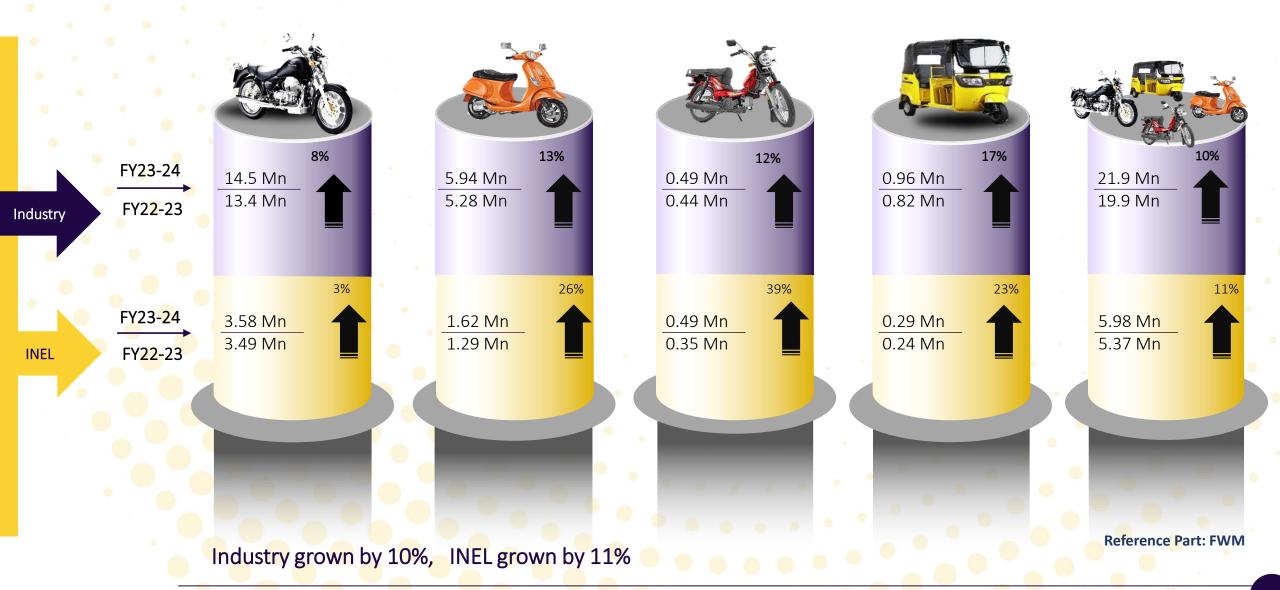
Business Challenges and Outlook :

- High fluctuation in the RM Prices leading to a Continuous uncertain Supply
 chain situation
- Handling high Supply chain issues due to frequent changes
- All existing domestic products upgraded to meet BS6 norms
- Existing resources engaged continuously
- Positive market growth due to good festive season: Growth more than 10%
- Organising to manage changes was very challenging

Despite all challenges INEL has outgrown the Industry in last 5 years

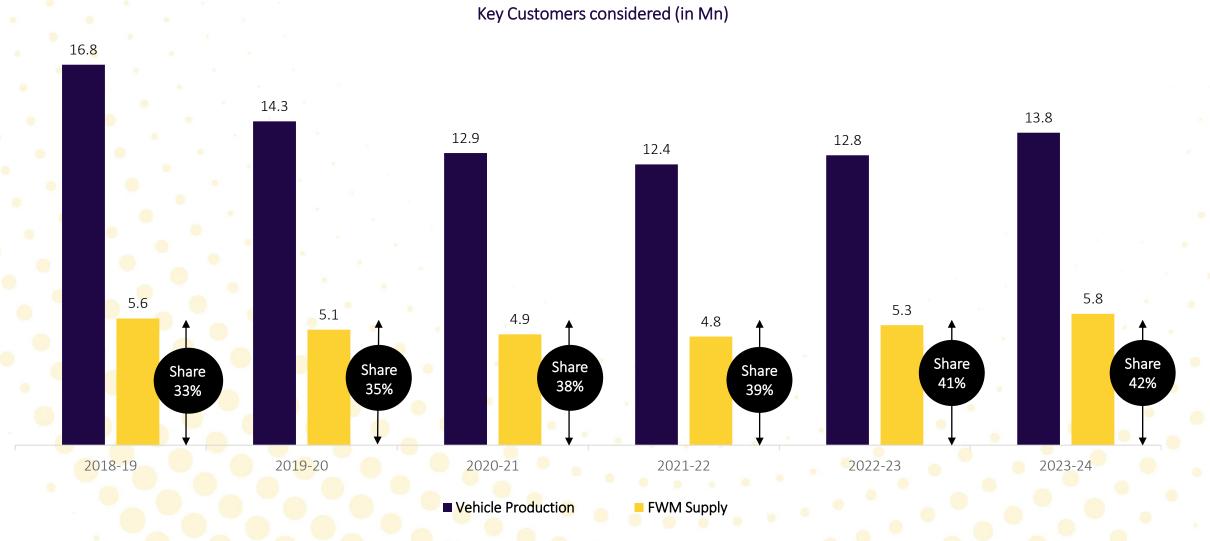


INDUSTRY GROWTH VS INEL SALES [FY 23/24: YTD - QTY]

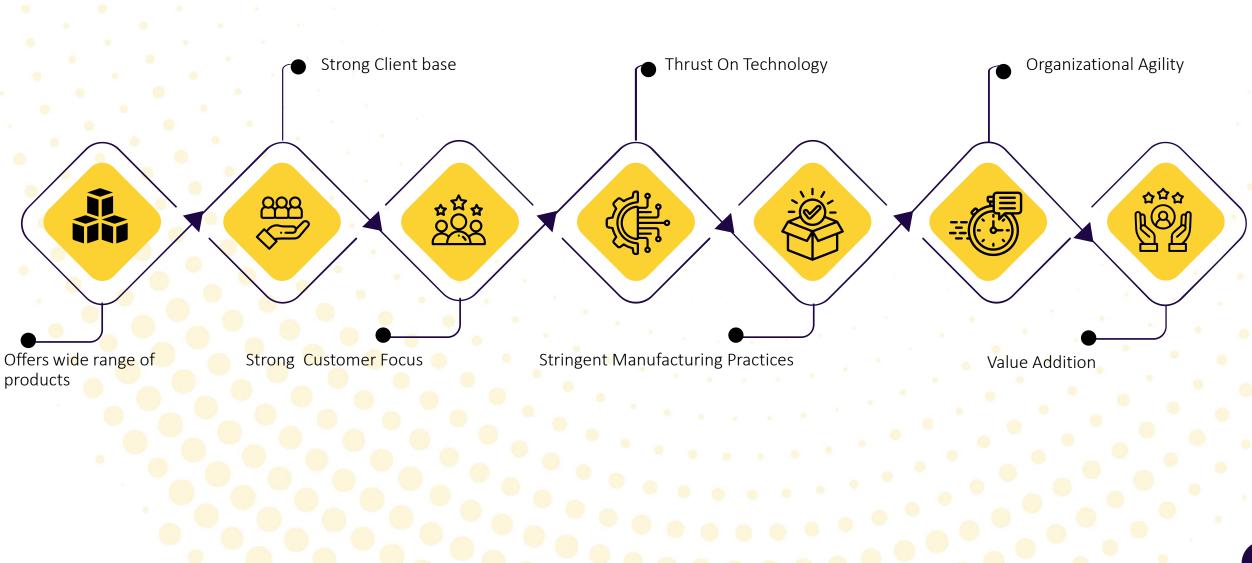


KEY CUSTOMERS – MARKET SHARE





Market share for Key Customers increased from 33% to 42% in last 5 Years





FUTURE GROWTH STRATEGIES



Advancing Aftermarket Business Focused on exploiting the opportunities presented within core A dedicated team and several measures are taken to strengthen product business by introducing new products for two & three-wheelers. range and distribution network to extract maximum value for business. 6 \$ Entering into a New Technical Partnerships $\boldsymbol{\varsigma}$ **Expanding to New Geographies** Focused on expanding presence to new geographical Recently entered into a Technical Licensing partnership with a globally locations and penetrating deeper into existing leading automotive supplier, for the Control unit for Electronic Fuel markets. Injection (EFI ECU) which will enable to enter a new product segment of the EFI system and serve customers for two and three-wheeler 6 \succ applications.

Growing EV Portfolio

Capitalizing on Core Business

Cognizant of the emerging reality, new R&D Centre and the talent engaged at the facility will particularly prove beneficial in the development of differentiated products and new technologies for EVs.

Exploring New Business Lines

Exploring new product applications for existing products using focused teams to identify potential applications for electronic solutions.

ENVIRONMENTAL, SOCIAL AND GOVERNANCE PRINCIPLES



INEL's focus is on tracking energy utilization and associated GHG emissions. Through investments in sustainable technologies, optimizing energy consumption, and carbon offsetting, they are committed to reducing their environmental impact.

Average Electricity per	Year	Hosur	Puducherry	Rewari
Energy Service Unit (kWh/ESU)	2022-23	0.77	0.88	0.8
	2023-24	0.66	0.85	0.79
% Utilization of Renewable	Year	Hosur	Puducherry	Rewari
Energy	2023-24	84.81%	9.8%	7.4%

INEL's dedication lies in practicing responsible waste management and tracking chemical usage. Their objective is to mitigate their ecological footprint by implementing a robust waste management approach that curtails waste production, encourages recycling, and aligns with the principles of a circular economy. By doing so, the company strives to diminish the volume of waste that ends up in landfills. Their pledge extends beyond waste management, encompassing the vigilant monitoring of perilous chemical consumption as well.

Average Hazardous	Year	Hosur	Puducherry	Rewari
Waste Generated (Tons)	2022-23	37.2	19.29	1.76
	2023-24	27.55	13.5	1.35

- Implemented servo control nozzles, reducing varnish consumption and optimizing the application process.
- Installed inverters for winding machines, addressing power cuts and ensuring uninterrupted operations.
- Transitioned from paper-based audits to an application-based system, reducing paper usage and streamlining the audit process.
- Replaced carton boxes with reusable plastic trays for packaging Anabond products, eliminating the need for single-use packaging materials.
- Used magnetic sweepers to efficiently collect fallen parts, reducing waste, and enhancing workplace cleanliness.

India Nippon Electricals Ltd

ENVIRONMENTAL, SOCIAL AND GOVERNANCE PRINCIPLES





As a responsible and caring organization, INEL ensures a safe and conducive working environment for all our employees. Stringent safety protocols and comprehensive training programmes are in place to minimize workplace hazards and accidents. Regular safety inspections, risk assessments, and the implementation of best practices ensure that potential risks are identified and addressed promptly. Safety is the company's utmost priority, and they are dedicated to ensuring the well-being of their employees through various awareness and initiatives.





Employee engagement is a cornerstone of success at INEL, to foster a dynamic and motivated workforce. With a deep commitment to creating a positive and nurturing work environment, the company recognizes that engaged employees are the driving force behind their achievements. The company has conducted various employee engagement activities throughout the year as per the engagement calendar, spearheaded by engagement champions In order to make employees feel valued and appreciated, the company awards them with prestigious accolades as well.

ENVIRONMENTAL, SOCIAL AND GOVERNANCE PRINCIPLES



INEL firmly believes in the importance of strong governance as a cornerstone of its corporate identity. With a commitment to transparency, accountability, and ethical conduct, they have set the bar high for corporate governance standards in the industry.

- The Board of Directors comprises a balanced composition of both executive and non-executive directors, aligning with legal requirements while fostering a diverse and well-rounded leadership team enriched with a variety of experiences, skills, and expertise. The Board not only fulfills its duties but also strives to create a comprehensive and varied team.
- In its role of steering the Company and guiding operations, the company remains committed to upholding its corporate values, cultivating an ethical culture, championing sustainability, and harnessing innovation. The Independent Directors hold a crucial responsibility in ensuring adherence to Corporate Governance standards and safeguarding fairness in the decision-making process. With their specialized knowledge across diverse domains, they also provide impartial insights into strategic matters, risk management, controls, and business performance evaluation.
- INEL's approach to Corporate Governance is rooted in a rich heritage of practicing fair, ethical, and transparent governance principles. The company firmly believes that Corporate Governance is not just a set of rules for them; it is a fundamental part of our identity and ingrained in our behaviour and culture.
- INEL's focus is on enhancing long-term shareholder value while maintaining their integrity, fulfilling social responsibilities, and adhering to regulatory requirements. Through interactions with stakeholders, they are committed to upholding recognized standards of propriety, fairness, and justice, fostering a culture of transparency and openness.

Industry Overview





AUTO-COMPONENT SECTOR

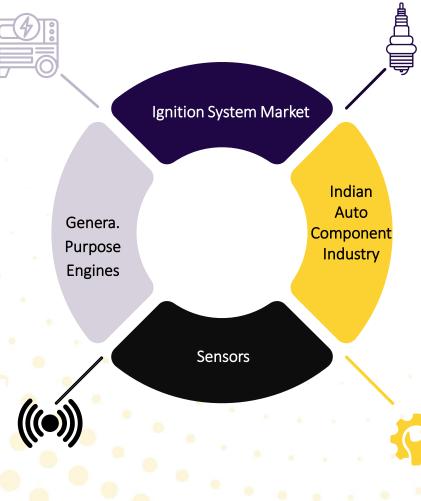


• Automotive Ignition System Market is estimated to grow at 6.5% CAGR to reach USD 18.1 Bn by 2032 during 2023-2032.

• The global General Purpose Engines market size was

valued at USD 9.2 bn in 2023 and is expected to

expand at a CAGR of 2.09% to reach USD 10.9 bn by



- The Indian auto-components industry is set to become the third-largest in the world by 2025.
- Auto-components industry accounts for 2.3% of India's GDP. The automobile component sector will contribute 5-7% of India's GDP by 2026.
- Indian auto-component makers are well-positioned to benefit from the globalization of the sector as export potential could be increased to USD 30 Bn by 2026.
- By FY28, the Indian auto industry aims to invest US\$ 7 billion to boost localization of advanced components like electric motors and automatic transmissions, reducing imports and leveraging 'China Plus One' trend.

- The Automotive Sensors Market size is estimated at USD 28.88 Bn in 2024, and is expected to reach USD 38.74 Bn by 2029, growing at a CAGR of 6.05% from 2024-2029.
- Over the long term, the automotive sensors market is expected to grow driven by the factors such as increasing demand for advanced driver assistance systems (ADAS) and autonomous vehicles.

Source: Automotive Ignition System Market Size, Share, Growth | Report 2032 (marketresearchfuture.com), Ignition System Market: Global Industry Analysis and Forecast 2023-2029 (maximizemarketresearch.com), Automotive Sensors Market - Size, Growth & Share (mordorintelligence.com), Global General Purpose Engines Market Research Report 2024 (gyresearch.com), Auto Components, Growth of Automotive Components Industry in India | IBEF

the end of 2030.

Financial Overview





CONSOLIDATED INCOME STATEMENT



Particulars (INR in Mn)	FY21	FY22	FY23	FY24	H1-FY25
Revenue from Operations	4,812	5,663	6,563	7,241	3,964
Operating Expenses	4,349	5,166	6,035	6,577	3,555
EBITDA	463	497	528	664	409
EBITDA Margins (%)	9.63%	8.78%	8.05%	9.17%	10.32%
Depreciation	103	129	146	151	77
Finance Cost	6	5	4	4	2
Other Income	152	252	226	249	188
PBT	506	615	604	758	518
Taxes	110	112	122	165	125
PAT	396	503	482	593	393
PAT Margins (%)	• 8.23%	8.88%	7.34%	8.19%	9.91%
Other Comprehensive Income	39	172	298	260	29
Total Comprehensive Income	435	675	780	853	422
Diluted EPS (INR)	17.52	22.21	21.32	26.21	17.37

CONSOLIDATED BALANCE SHEET

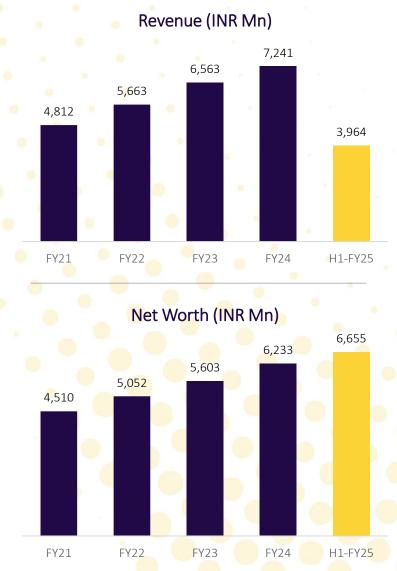


Particulars (INR Mn)	FY23	FY24	H1-FY25
EQUITY AND LIABILITIES			
Equity Share Capital	113	113	113
Other Equity	5,490	6,120	6,542
Shareholders Fund	5,603	6,233	6,655
Non-Current Liabilities			
Lease Liabilities	29	21	17
Deferred tax liabilities (net)	299	377	357
Provisions	32	36	42
Total Non-current Liabilities	360	434	416
Current Liabilities			
Lease Liabilities	7	8	9
Trade payables	955	1,382	1,403
Other financial liabilities	27	36	24
Provisions	9	20	23
Current tax liabilities (Net)	-	-	-
Other current liabilities	217	257	242
Total Current Liabilities	1,215	1,703	1,701
Total Equity and Liabilities	7,178	8,370	8,772

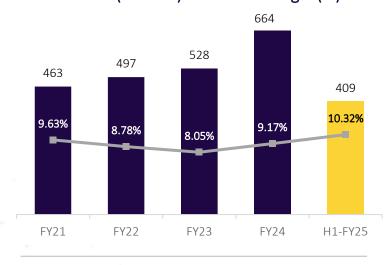
Particulars (INR Mn)	FY23	FY24	H1-FY25
ASSETS			
Non-Current Assets			
Property, Plant and Equipment	1,211	1,312	1,352
Right-of-use Assets	118	109	104
Intangible Assets	16	14	12
Capital WIP	128	127	110
Investment Property	-	-	-
Investments	2,027	2,508	3,063
Loans	12	11	11
Other Financial Assets	8	10	61
Other Non-current Assets	1	-	13
Total non-current assets	3,521	4,091	4,726
Current Assets			
Inventories	561	692	695
Investments	1,523	1,811	1,494
Trade Receivables	1,195	1,417	1,530
Cash & Bank Balances	228	189	174
Other Financial Assets	13	6	5
Other Current Assets	77	111	109
Current Tax Assets	60	53	39
Total Current Assets	3,657	4,279	4,046
Total Assets	7,178	8,370	8,772

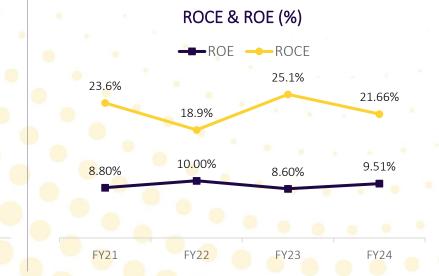
FINANCIAL GRAPHS



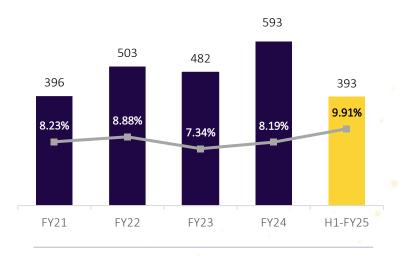


EBITDA (INR Mn) & EBITDA Margin (%)

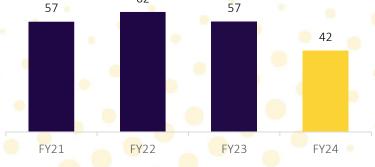




PAT (INR Mn) & PAT Margin (%)







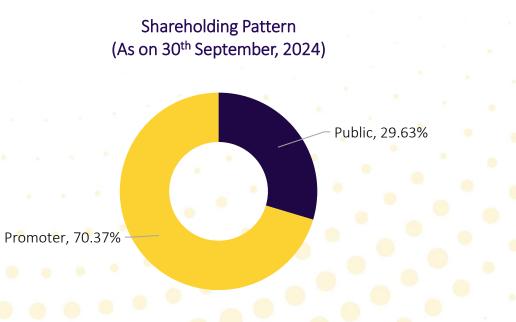
CAPITAL MARKET DATA





Market Data (As on 30th September, 2024)

Particulars	
Face Value (INR per share)	5.00
CMP (INR per share)	771.40
52 Week H/L (INR per share)	860.00 / 463.50
Market Capitalization (INR Mn)	17,450.17
Shares O/S (Mn)	22.62
Average Volume ('000)	51.49







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Thank You



