

Fiem Industries Limited

Founded by : Mr. J.K. Jain - Chairman & Managing Director,
First-Generation Entrepreneur.

Over 50 years experience in Automotive Components Industry **9**
State of the Art Manufacturing Plants located in India: 4 Unit
Southern Region & 4 Unit Northern Region & 1 Unit Western Region.

Government approved: In-house R & D Unit

Team: Young & Energetic dedicate Team of 6500 people

Extensive product range for: Two wheelers, Four Wheelers, Buses,
Railways, Luminaries & Defense.

Leading manufacturer of: Automotive Lighting, Signaling Equipment's,
Rear View Mirrors, Plastic Molded Parts, Sheet Metal & Fabricated
Components, LED Display Panels & Domestic Down Lightings.



Quality Certification: IATF-16949-2016, ISO-14001-2015, ISO45001-2018, ISO
9001-2015, E MARK COP-2022 CERTIFICATE

Photometric Lab : Fiem photometric lab is accredited from NABL & RDW
(Netherland) for testing, validation and homologation of our lamps.

COMPANY OVERVIEW

- The Company was originally incorporated in India as Rahul Auto Private Limited on February 6, 1989 in New Delhi and was founded by Mr. J.K. Jain, who is a first generation entrepreneur and is in the automotive lighting business since 1970's.
- FIEM is one of the leading manufacturers of automotive lighting & signalling equipment's and rear view mirrors in India. Its major business comes from the two-wheeler segment of the automotive industry.
- FIEM has a diversified product portfolio ranging from head lamps, tail lamps, signalling lamps, roof lamps, rear view mirrors, wheel covers, warning triangles, complete rear fender assembly, frame assembly, mudguards, various automobile sheet metal and plastic parts, Canister and Bank (Lean) Angle Sensor.
- The Company has following Wholly-owned Subsidiaries and J.V. Companies
 - Wholly-owned Subsidiaries - Fiem Industries Japan Co., Ltd. (Japan)
 - Fiem Research and Technology s.r.l (Italy)
 - JV Company - Fiem Kyowa (HK) Mould Company Limited (Hong Kong)

FIEM JOURNEY

1989-1994



- **1989**- Incorporated as Rahul Auto Private Limited
- **1992**- Name changed to Fiem Industries Pvt. Ltd.
- **1993**- Converted into Public Limited-Fiem Industries Limited
- **1994**- A new state of art Plant was established at Kundli, Sonapat (Unit 1)

1996-2006



- **1996**- Fiem Sung San (India) Ltd., a JV Company was established
- **1998**- Multi Focal Reflector first time introduced in India by FIEM
- **2004 & 2005**- setup mfg. facilities in Hosur (Unit 2&3) Mysore (Unit 4)
- **2005 & 2006** – setup mfg. facilities Hosur (Unit 5), Nalagarh (Unit 6)
- **2006** – Initial Public Offer

2007-2013



- **2007**- Merged Fiem Sung San with Fiem Industries
- **2007** – Setup LED SMT plant
- **2010** - Started new manufacturing Unit in Rai, Sonapat (Unit 7)
- **2011** – Setup facility for mfg. Plastic moulded parts in Tapukara (Unit 8)
- **2011** – FIEM R&D Centre approved by Govt. of India
- **2012**- Started manufacturing automotive lighting and components for Honda Japan

2015-2017



- **2015** – Starting receiving Tenders from EESL for LED Bulbs and Street Lights.
- **2016** – Unit -9, Ahmedabad started Commercial Production in January, 2016.
- **2016** - NABL Accreditation received for Photometry Laboratory.
- **2017** – Set up plant for manufacturing of Canister in technical collaboration with Aisan Industry Co., Ltd, Japan
- **2017** - A 50:50 Joint Venture Company in Hong Kong with KYOWA Co., Ltd., Japan for high class moulds / tools for Automotive and other applications.

2018 - 2020



- **2018** – Joint Venture with Aisan Industry Co. Ltd., Japan and Toyota Tsusho India Pvt. Ltd. for manufacture of Fuel Pump Module and IC Connector for Indian Market.
- **2018** - Technical Assistance Agreement with TOYODENSO Co. Ltd. Japan and Toyota Tsusho Corporation, Japan for manufacturing of Bank Angle Sensor for Indian market.
- **2019** - Set up new Design Centre in Turin, Italy under newly formed subsidiary in Italy, namely Fiem Research and Technology S.r.l.

OUR PRESENCE



Fiem Industries Japan Co. Ltd., Japan
(Wholly-Owned Subsidiary)



Fiem Research And Technology S.r.l. Italy
(Wholly-Owned Subsidiary)



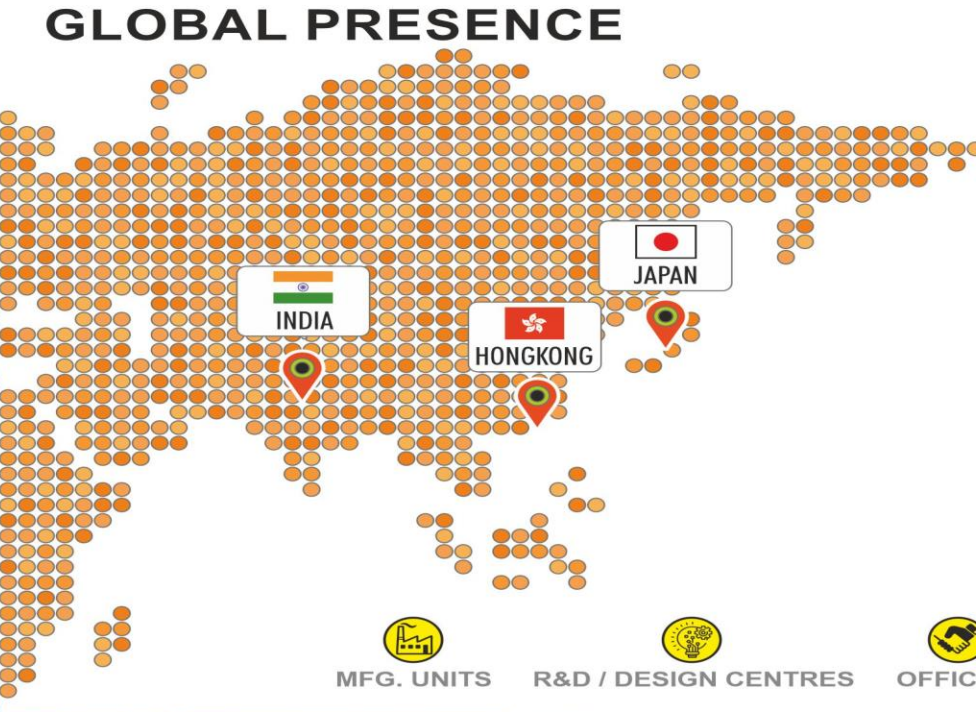
Fiem Kyowa (HK) Mould Co Ltd.
Hong Kong



Corporate Office: Fiem Industries Ltd,
Aerocity, New Delhi, India



R&D Centre & Regd. Office,
Mansarover garden, Delhi



Unit-II, Hosur (Tamil Nadu)



Unit-III, Hosur (Tamil Nadu)



Unit-IV, Mysore (Karnataka)



Unit-V, Hosur (Tamil Nadu)



Unit-I, Kundli (Sonapat, Haryana)



Unit-VII, Rai (Haryana)



Unit-VIII, Tapukara (Rajasthan)

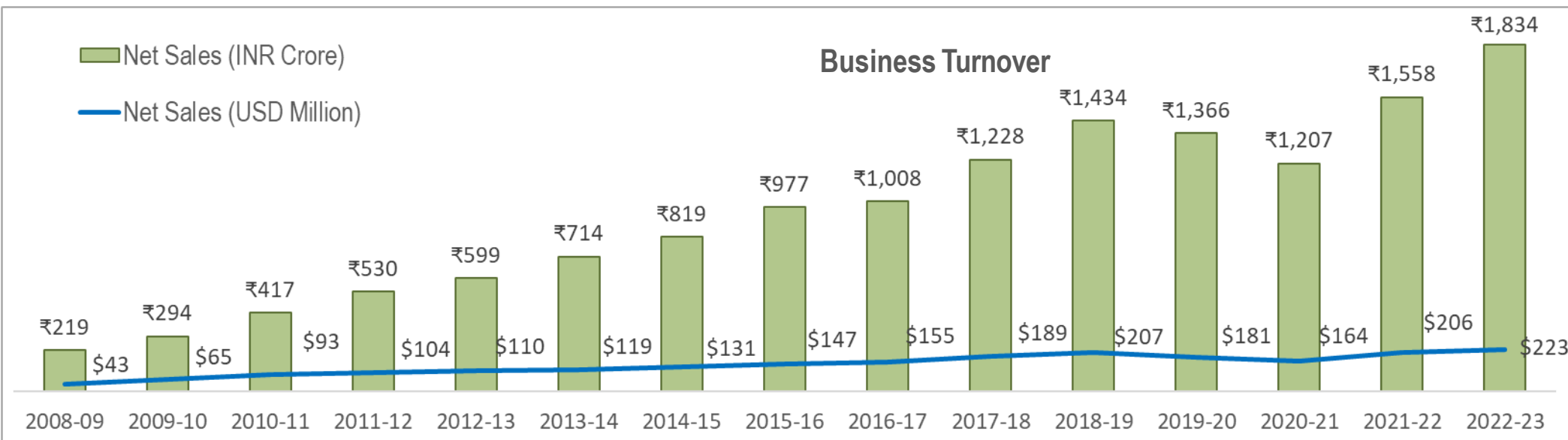


Unit-VI, Nalagarh (Himachal Pradesh)



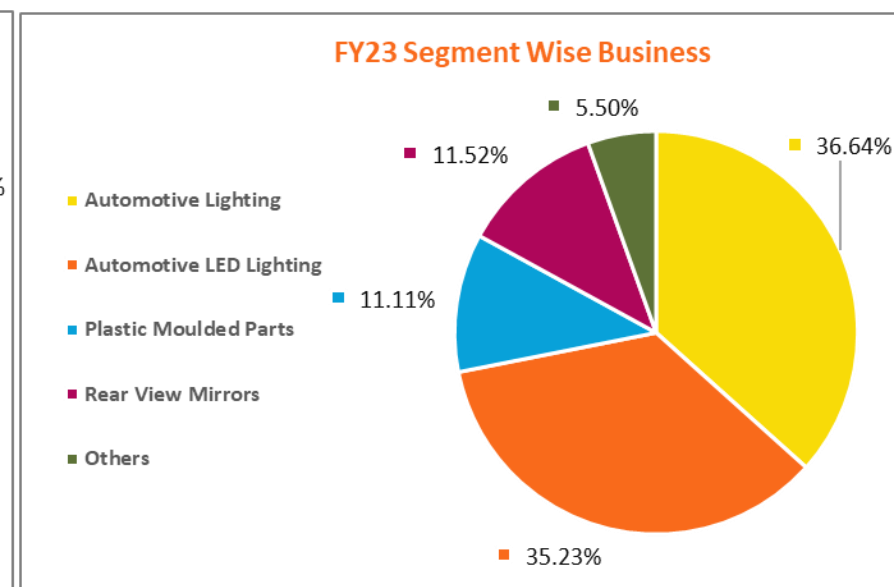
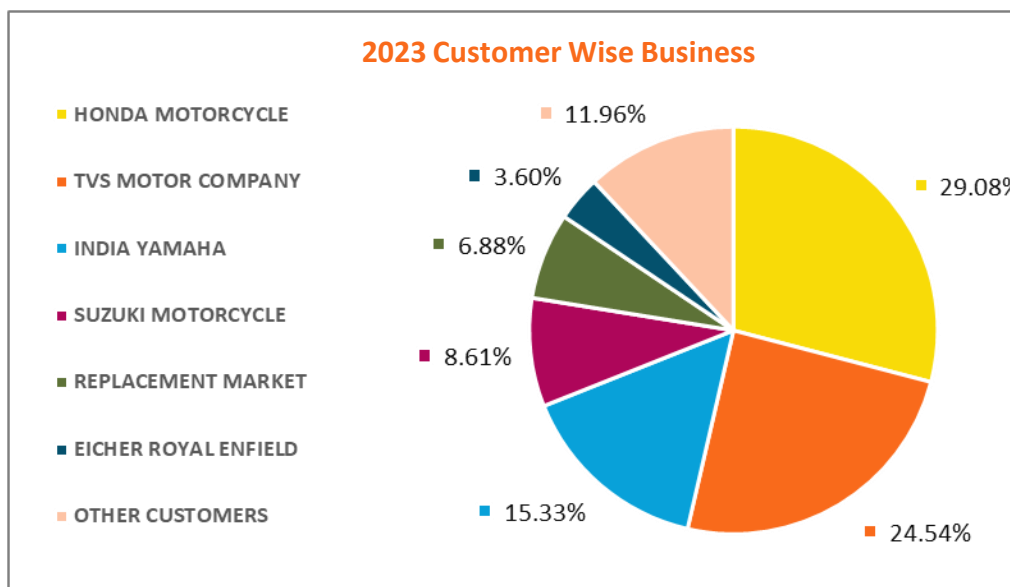
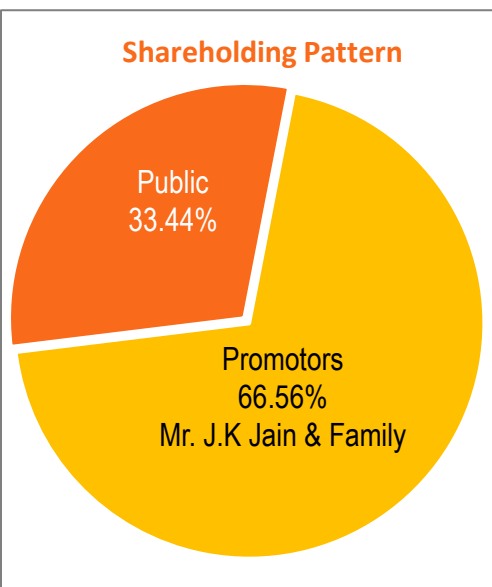
Unit-IX, Ahmedabad (Gujarat)

FINANCIAL SUMMARY & SHARE HOLDING



USD INR EXCHANGE RATE

2022-23	₹ 82.22
2021-22	₹ 75.81
2020-21	₹ 73.50
2019-20	₹ 75.39
2018-19	₹ 69.17
2017-18	₹ 65.04
2016-17	₹ 64.84
2015-16	₹ 66.33
2014-15	₹ 62.59
2013-14	₹ 60.09
2012-13	₹ 54.39
2011-12	₹ 51.16
2010-11	₹ 44.65
2009-10	₹ 45.14
2008-09	₹ 51.43



STRONG CLIENT BASE

- FIEM has a strong client base of more than 50 OEMs and is supplying to its prestigious customers since their inception.
- Significant market share for supply of automotive lighting & signalling equipment's and rear view mirrors to Two-wheeler and Four-wheeler OEM's.
- Exporting automotive lighting to Honda Japan, Harley Davidson (USA & Thailand), Kubota Japan (Tractors & Farm equipment's) besides exporting to other OEM's in Austria, UK, Germany, Thailand, Indonesia & Vietnam.



MANUFACTURING EDGE...COST SAVING TO THE CUSTOMERS

- State-of-the-art manufacturing facilities located close to the OEM Customers offering Logistic cost saving and just in-time delivery.
- FIEM has three world class R&D / Design Centres located in India, Italy and Japan having more than 120 personnel in Designing, Optical Simulation and Guest Engineering facilities for development of the light assembly with LED & advanced technology as per Indian and Global standards.



FIEM ADVANTAGE

DIVERSIFIED PRODUCT PORTFOLIO

- Leading manufacturers of LED and Conventional Automotive Lighting & Signalling Equipment's and Rear View Mirrors for two and four wheelers.
- Strategic technological tie ups with global players to provide advance and cost efficient Products.
- Diversified into Integrated Passenger Information Systems with LED Display (IPIS).



FOCUS ON ELECTRIC VEHICLE SEGMENT

- 2W EV is a big opportunity, which is growing exponentially.
- FIEM has the first mover advantage and working with all major EV OEMs in India.
- Company has competitive advantage, because of in-house R&D, Designing and Testing capabilities with shortest Development time.
- Diversified product portfolio with LED Lighting solutions, Rear View Mirrors and Plastic Parts etc. provide best solutions to the OEMs.



FIEM BUSINESS VERTICALS



AUTOMOTIVE LIGHTING

- AUTOMOTIVE LIGHTING
- SIGNALING EQUIPMENT
- REFLEX REFLECTOR
- MOVING EMBLEM



AUTOMOTIVE NON LIGHTING

- REAR VIEW MIRROR
- PLASTIC / FENDER ASS.
- WIRING HARNESS
- SHEET METAL / FABRICATED & FRAME ASSEMBLY
- BANK ANGLE SENSOR
- CANISTER



LED LUMINAIRES FOR INDOOR & OUTDOOR APPLICATIONS

- LED HOME LIGHTING PANNEL (IN & OUTDOOR)
- LED DOWN LIGHT
- LED STREET LIGHT
- SOLAR BASED LED STREET LIGHT
- SOLAR BASED LED LANTERN



LED DESTINATION BOARD SYSTEM

- BUS
- RAILWAY
- METRO
- AIRPORT



FIEM JOINT VENTURE & TECHNICAL ASSISTANCE AGREEMENT

Wholly Owned Subsidiaries



FIEM RESEARCH AND TECHNOLOGY S.r.l., ITALY



FIEM INDUSTRIES JAPAN CO., LTD., JAPAN

JV Company



FIEM KYOWA (HK) MOULD COMPANY LTD., HONGKONG

Technical Assistant Agreement



TOYODENSO Co., Ltd., Japan & Toyota Tsusho Corp.



AISAN INDUSTRY CO., LTD. (JAPAN)

<<Technical Assistance Agreement>>



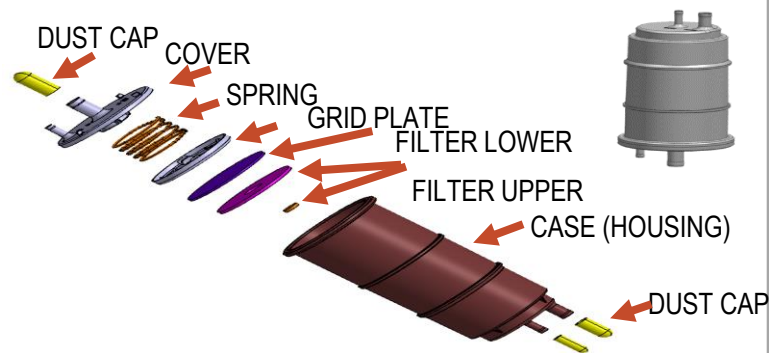
Toyodenso Co. Ltd, Japan



TAA with Toyodenso Co. Ltd, Japan and Toyota Tsusho Corporation, Japan for manufacturing of Bank Angle Sensor.



Aisan Industry Co. Ltd. Japan

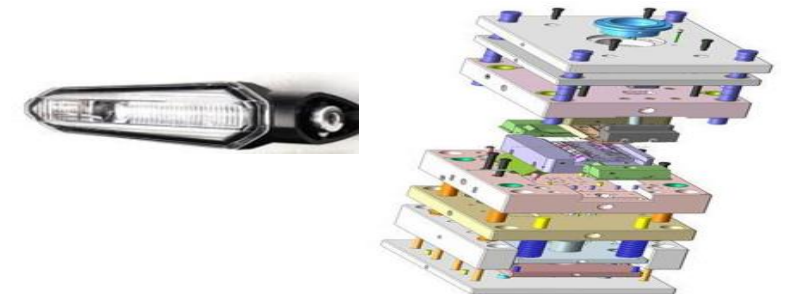


TAA with Asian Industry Co. Ltd, Japan for 'Carbon Canister'

<<Joint Venture>>



Kyowa, Hong Kong & Japan



JV with Kyowa industrial Co., Ltd., Hong Kong and Kyowa Corporation, Japan for Mold design, development & Master//aluminum reflector proto for 2wheelers and 4wheelers at Hong Kong.

WORLD CLASS TESTING FACILITIES

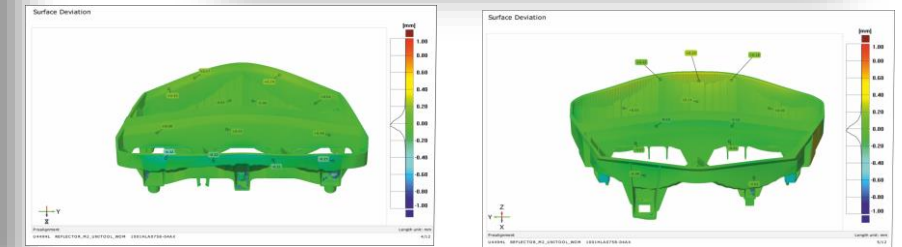
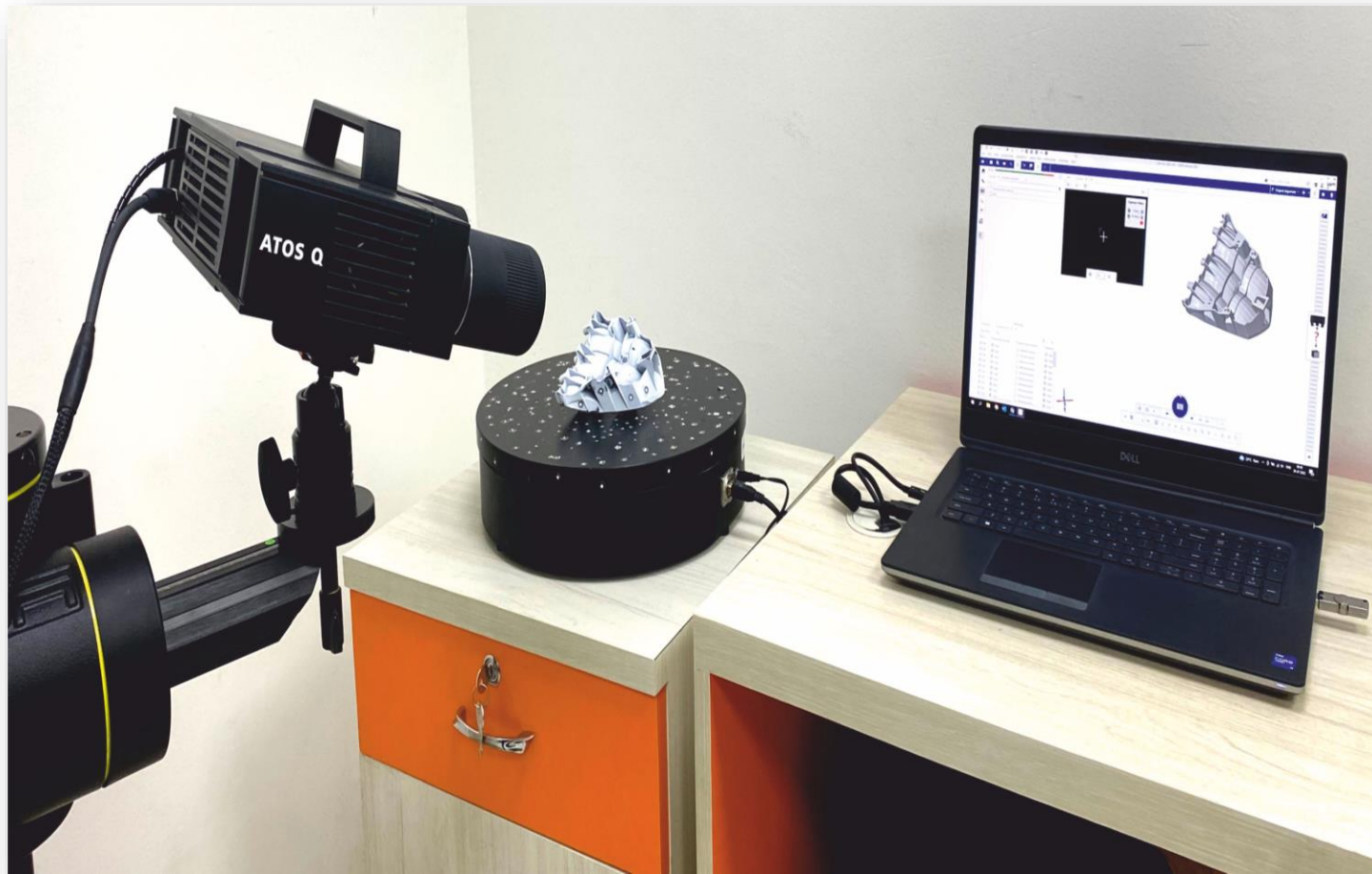
We believe, our multi location testing facilities will immensely benefit to all our OEM customers. This will prove an important strength of our Company to garner new business from the OEMs.



NABL Accredited Photometric Laboratory in R&D Centre at Rai, Haryana R&D Centre Recognised by DSIR, Ministry of Science and Technology

WORLD CLASS TESTING FACILITIES

ATOS Triple Scan 3D Scanning & Inspection System

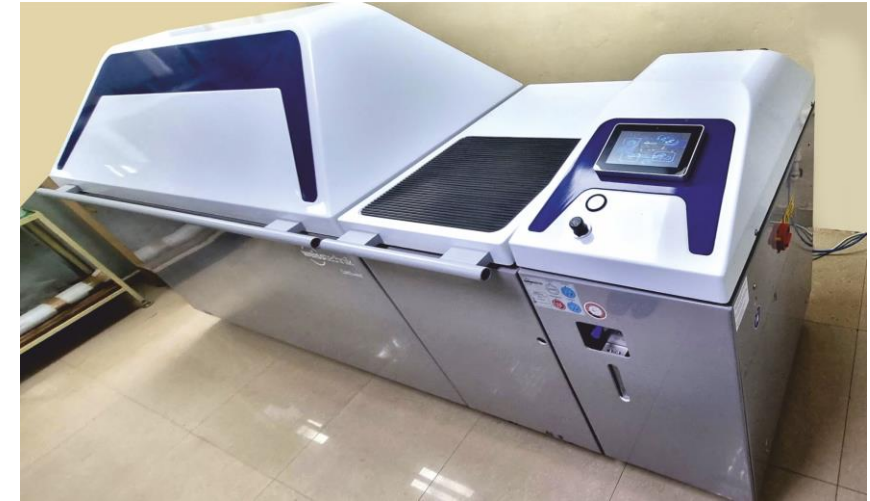


ATOS Blue light scanning system is a versatile system for digitizing, reverse engineering and inspection of small and large components as well as tool & dies.

WORLD CLASS TESTING FACILITIES



Environmental, Mechanical and Durability Testing Equipment's



CASS / Salt Test Chamber



3-D Coordinate & Profile Measuring Equipments



Vibration Testing Machine

DESIGN & DEVELOPMENT OF INNOVATIVE & FUTURISTIC LED LIGHTING PRODUCTS...

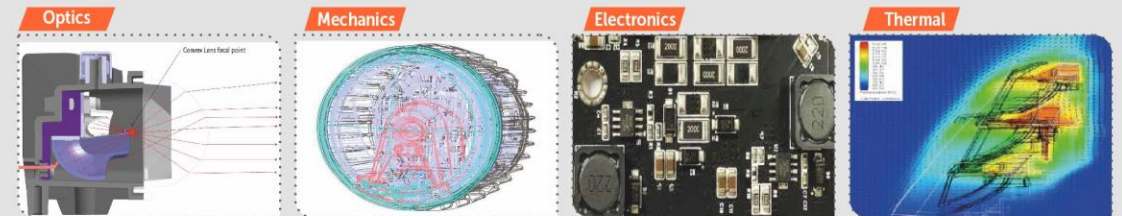
Our Strengths

- Excellent Optical, Mechanical, Electronic, Thermal integration capabilities.
- Offer optimized and innovative solutions to customers in terms of quality, cost and lead time.
- Provide customized service flexibly in Design, Development, Sampling and Production



Design Integration

- LED light source application become widely, It has given more possibility and flexibility for lamp aesthetic and size.
- The more complex geometries of lamp structure and thermal management are the main challenge.
- FIEM/FRT has good experience and ability to manage at thermal, mechanical, optical and electronic design integration to ensure the product reliability and lifetime



Styling Design

- Innovative aesthetic design.
- Sketch for initial lamp styling, function and structure communication.
- CG rendering to conclude styling feature. (colour, shape, pattern, texturing)
- Lit appearance simulation.



R&D and Design Centres

In our In-house Govt. approved R&D Centre at Rai, Haryana and Design Centre at Fiem Research & Technology s.r.l. in Italy we are Designing and Developing a large range of New, Innovative and Futuristic LED Lighting Products with latest Technology to cater the increasing demand of our valued OEMs.



SURFACE TREATMENT & LAMP SEALING FACILITIES



Hard Coat



Anti fogging



Arzufi Metalizing Machine



Sputtering Metallizing



Ultra Sonic Welding



Hot plate Welding Machine

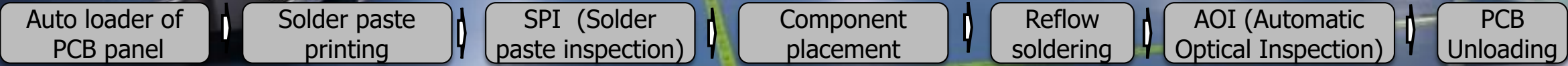


Vibration welding



Infra Red Welding

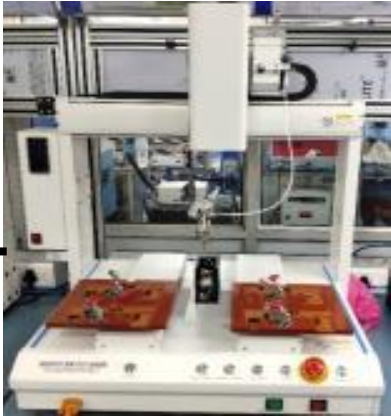
PROCESS FLOW FOR SMT LINE



PCB Vision Testing



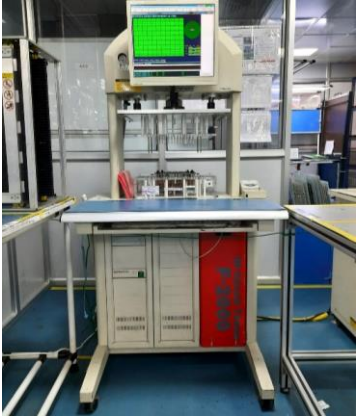
Robotic Soldering



De-Paneling of PCBs



ICT (In Circuit Testing)



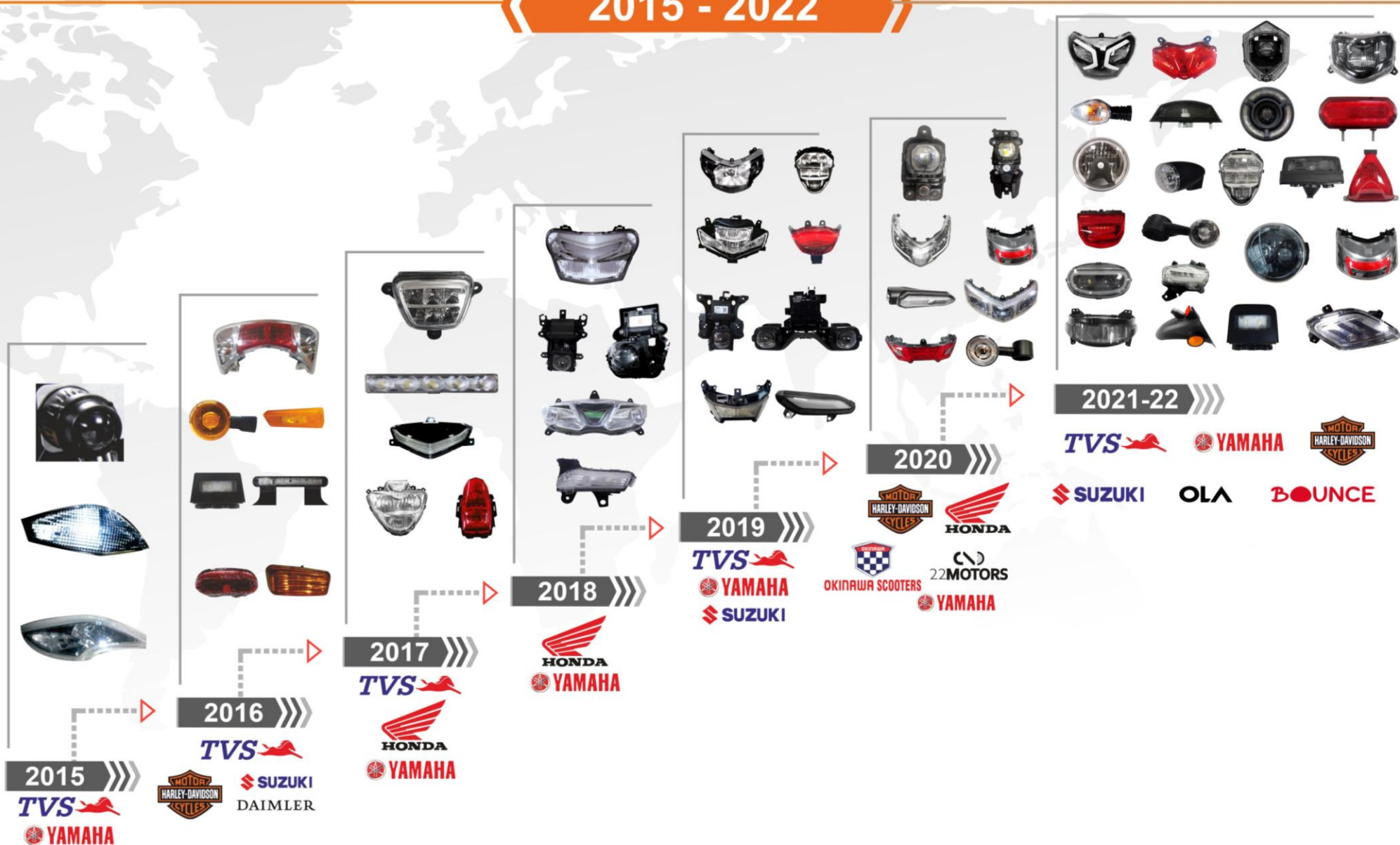
SMT facilities are installed with latest Poke-Yoka to control Zero defect product.

AUTOMOTIVE LED LIGHT JOURNEY

2002 - 2014



2015 - 2022



ACCOLADES RECEIVED



Award for Strong Effort for Cost Reduction

for the year 2022-23

From Honda Motorcycle & Scooter India.

ACCOLADES RECEIVED



Consistent Quality Performance Award

for the year 2021-22 from

TVS Motor Company Limited

ACCOLADES RECEIVED



Grand Award for QCDDM

for the year 2013-14

from from Honda Motorcycle

and Scooter India Pvt. Ltd.

ACCOLADES RECEIVED



Grand Award for Development
for the year 2008-09
from from Honda Motorcycle and
Scooter India Pvt. Ltd.



Award for New Product
Development
for the year 2017-18
from from Honda
Motorcycle and Scooter
India Pvt. Ltd.



Achievement Award for Strong
Cost Reduction Efforts
for the year 2015-16
from Honda Motorcycle and
Scooter India Pvt. Ltd.

ACCOLADES RECEIVED



**Award for Delivery Management 2019-20
from Honda Motorcycle and Scooter India Pvt. Ltd.**

ACCOLADES RECEIVED



Appreciation Award for Special Support

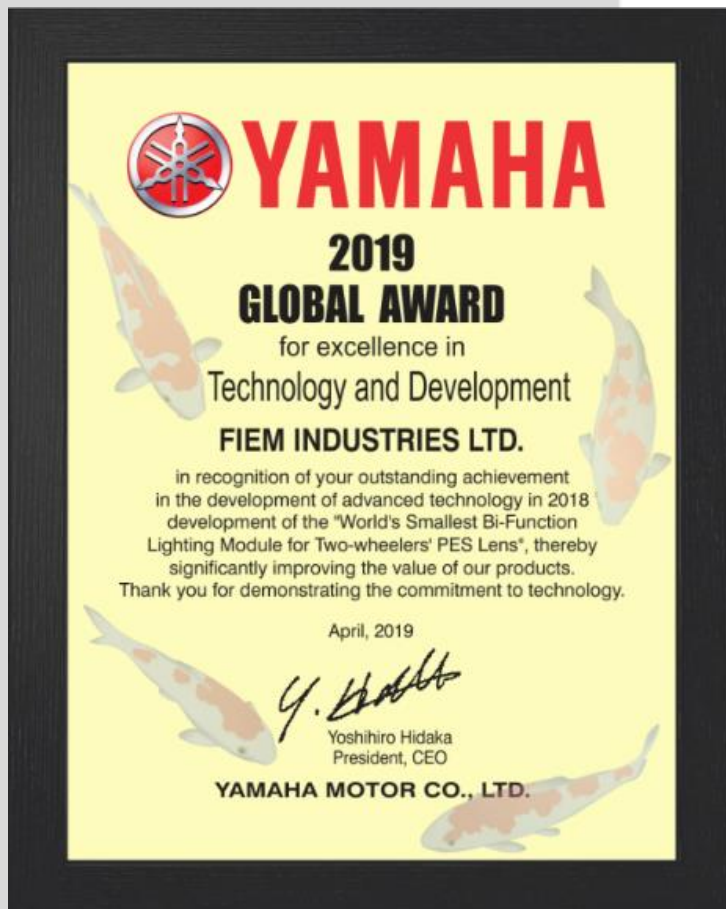
for the year 2021-22

from Yamaha Motor India Group

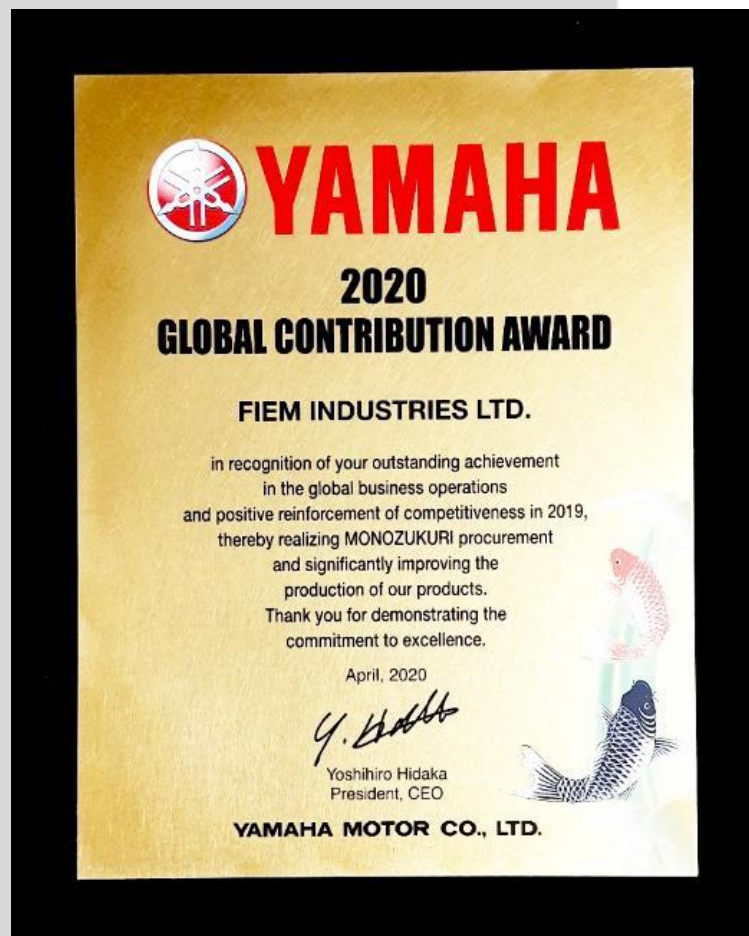
ACCOLADES RECEIVED

Global Award for Excellence in Technology and Development from Yamaha Motor Co., Ltd. Japan-2019

In recognition of outstanding achievement in the development of advanced technology in 2018 development of the **"World's Smallest Bi-Function Lighting Module for Two-wheelers' with PES Lens"**.



ACCOLADES RECEIVED



Global Contribution Award, 2020

from Yamaha Motor Co., Ltd. Japan

“

In recognition of your outstanding achievement in the global business operations and positive reinforcement of competitiveness in 2019, thereby realizing MONOZUKURI procurement and significantly improving the production of our products.
Thank you for demonstrating the commitment to excellence.

”

ACCOLADES RECEIVED



**Appreciation Award for Development and Shipping Control 2018
from India Yamaha Motor Pvt. Ltd.-2019**

ACCOLADES RECEIVED



Appreciation Award - 2023

from Hyundai Motor India

ACCOLADES RECEIVED



**Award for 'Excellence
Performance in Quality
Metrics'**

for the year 2022

**from Daimler India
Commercial Vehicles.**

ACCOLADES RECEIVED



**Performance Award (Cost Reduction) for year 2018-19
from Suzuki Motorcycle India Pvt. Ltd-2019**

ACCOLADES RECEIVED



**Certificate of Excellence for Best
Performance Quality**

for the year 2022

from Kubota



Best Performance in Delivery Award

for the year 2021

from Kubota

ACCOLADES RECEIVED

MORE THAN 50+ AWARDS SINCE 1991



Performance Award
(VA- VE)
for 2016-17 from
Suzuki Motorcycle India Pvt. Ltd.
(2017)



Award Delivery Management
from Honda Motorcycle &
Scooter India Pvt. Ltd.
2014-15



Achievement Award
for Honda Global Support Supplier
2012-13
from Honda Motorcycle &
Scooter India Pvt. Ltd.,



Award for
Q.D. Performance
from
Honda Motorcycle &
Scooter India Pvt. Ltd.
(2011)



Supplier Recognition Award
from Harley-Davidson India
for its new motorcycle model
(Harley-Davidson Street)
(2014)



ESQR'S Quality Achievement Award
in the Gold Category
for extraordinary achievement
in quality management
(2013)



Appreciation Award, 2019
from
Hyundai Motor India Ltd.
(2019)



Award for
Excellence in Electronics
from ELCINA
for Outstanding Contribution
to the Growth of Lighting &
Auto Electronics Industry
(2016-17)

OUR VALUABLE CUSTOMERS

2-WHEELER (DOMESTIC OEM's)



2-WHEELER (Electric Vehicle OEM's)



2-WHEELER SEGMENT (GLOBAL OEM CUSTOMERS)



4-WHEELER SEGMENT (DOMESTIC OEM CUSTOMERS)



4-WHEELER SEGMENT (GLOBAL OEM CUSTOMERS)



FIEM CSR ACTIVITIES

FREE EYE & DENTAL CAMP



CANCER CARE SUPPORT



SANITARY PAD MAKING M/C



FINANCIAL AID TO NEEDY PATIENTS



**300 +
Benefitted**



TRICYCLE DISTRIBUTION



CSR DURING COVID 19

OXYGEN PLANT SUPPORT



BED's TO HOSPITAL



RELIEF FUNDS CONTRIBUTION



TEST ROOM SUPPORT



AMBULANCE SUPPORT



For more information visit www.fiemfoundation.org

Thank You