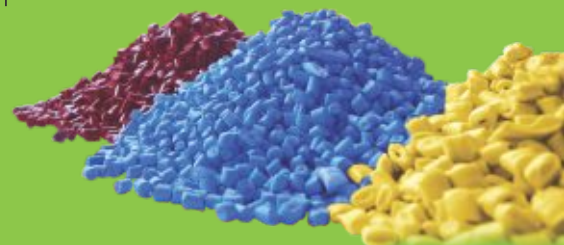


Led by TECHNOLOGY
powered by PEOPLE



**JAYACHANDRAN
GROUP OF COMPANIES**

Lead & Lead Alloys | Lead Oxides | Lead Acid Batteries
Plastic Granules | E-waste



ISO 9001 • ISO 14001 • OHSAS 18001



JC ALLOYS

Manufacturers of Pure Lead, Lead Alloys & Lead Oxide

JC INDUSTRIES

Manufacturers of Automotive batteries,
UPS / Solar batteries & SMF VRLA batteries

JC PLASTICS

Manufacturers of Plastic Granules & Products

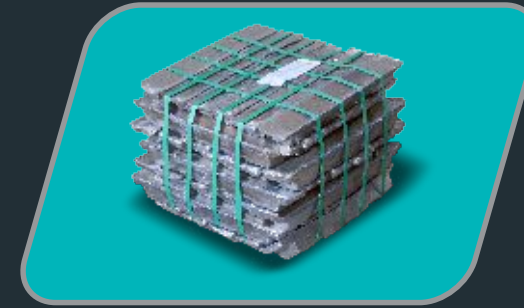
EMI

Manufacturers of Lead & Lead Alloy Products

MMR

Recycling waste Electrical and Electronic scraps

JC GROUPS



Lead Alloys



Lead Acid Batteries



Lead Oxides



Plastic Granules



Red Lead

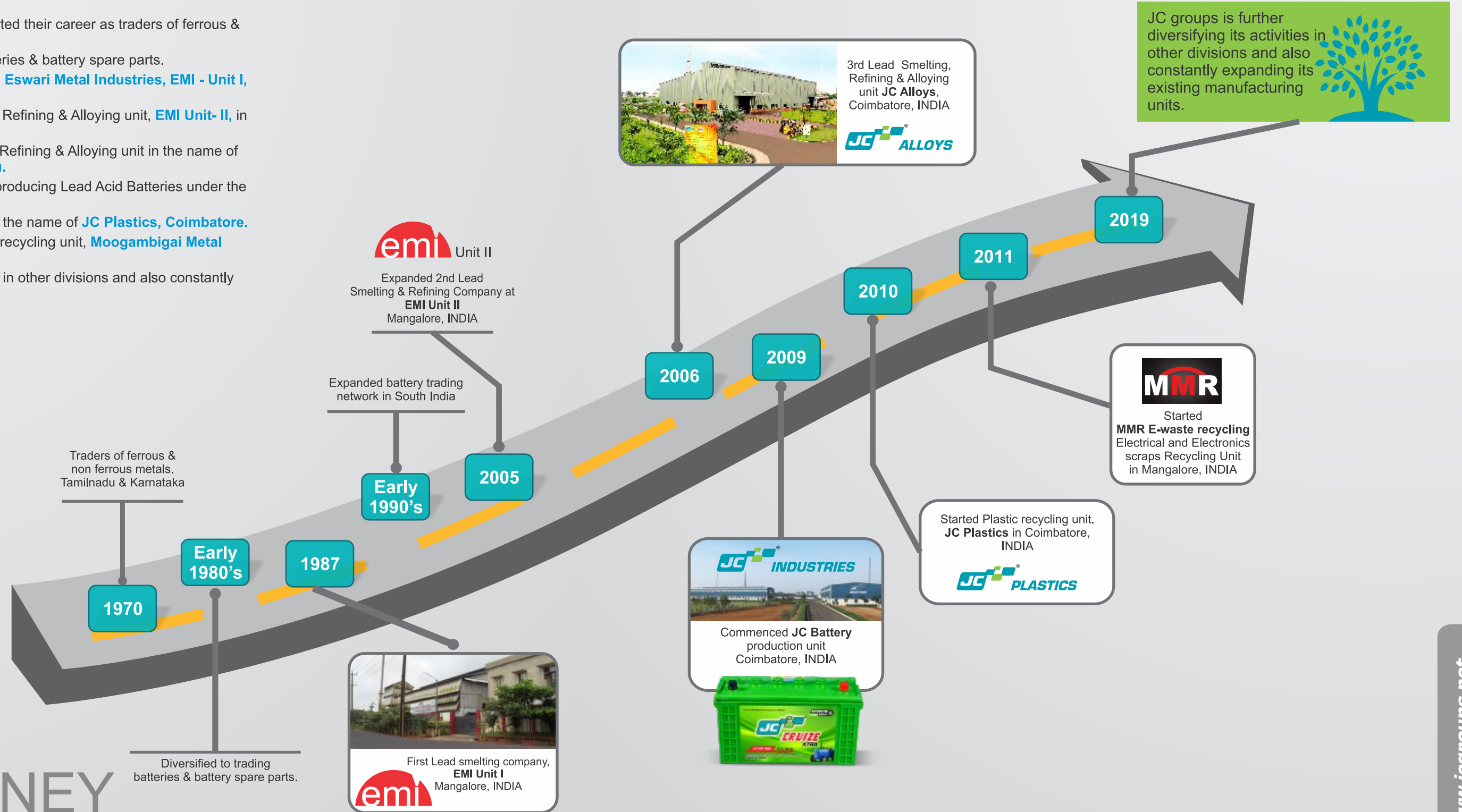


E-waste

- Early 1970's, the founders of JC Groups started their career as traders of ferrous & non-ferrous metals.
- In Early 1980's JC diversified to trading batteries & battery spare parts.
- In 1987, JC started first Lead Smelting plant, **Eswari Metal Industries, EMI - Unit I**, in **Mangalore, Karnataka**.
- In 2005, JC inaugurated 2nd Lead Smelting, Refining & Alloying unit, **EMI Unit- II**, in **Mangalore**.
- In 2006, JC inaugurated 3rd Lead Smelting, Refining & Alloying unit in the name of **JC Alloys (P) Ltd., Coimbatore, Tamilnadu**.
- In 2009, JC further diversified its activity by producing Lead Acid Batteries under the name **JC Industries, in Coimbatore**.
- In 2010, JC started Plastics recycling unit in the name of **JC Plastics, Coimbatore**.
- In 2011, JC started Electrical and Electronic recycling unit, **Moogambigai Metal Refineries (MMR), in Mangalore**.
- JC Groups is further diversifying its activities in other divisions and also constantly expanding its existing manufacturing units.



OUR JOURNEY



MANAGEMENT

The top management team of JC Groups is a perfect blend of experienced personnel and dynamic youths. The experienced personnel's on one side help in maintaining the stability of the organisation, while the dynamic and educated youth on the other side help in innovating new techniques and speeding up the growth of the company. The people in the management team come from diverse backgrounds with complementary skills.

JC Groups is governed by the following team.

P. Anbalagan

Director - JC Groups

Experience: 35 Years in Lead Smelting Company

Qualification: BSc degree from PSG, India

P. Chandrasekaran

Director - JC Groups

Experience: 35 years in Lead smelting Company

P. Ramalingam

Director - JC Groups

Experience: 30 Years in Lead Smelting Company

Qualification: BSc degree from PSG, India

P. Arumugam

Director - JC Groups

Experience: 30 Years in Lead Smelting Company

C. Bharani Kumar

Director - JC Groups
Managing Director - JC Industries (P) Ltd.

Experience:
● 10 years in Metal, Battery & Plastic Industry
● 5 years as a software engineer in USA

Qualification:
BE degree from KCT, India;
MS- Applied Mathematics from MSU, USA;

A. Sabarinathan

Director - JC Groups
Managing Director - EMI

Experience:
● 13 Years in Metal, Battery & Plastic Industry
● 1 year in operations - Nokia, Germany

Qualification:
BE- EEE degree from BITS, India;
MS- Electrical from ULM, Germany

C. Pradeep

Executive Director - JC Groups
Managing Director - JC Alloys (P) Ltd.

Experience:
● 15 Years in Metal, Battery & Plastic Industry

Qualification:
B.Sc degree from PSG, India;
MBA from GRD, India

C. Prasath

Director - JC Groups
Manaing Director - JC Plastics (P) Ltd.

Experience:
● 13 Years in Metal, Battery & Plastic Industry

Qualification:
BE- ECE degree from PSG, India;
MBA from Bradford School of Management, UK

A. Hari

Director - JC Groups
Manaing Director - MMR

Experience:
● 5 Years in Metal, Battery & Plastic Industry

Qualification: BE degree from KCT, India;
MBA (UK)

A. Nithin

Director - JC Groups
Joint Managing Director - EMI

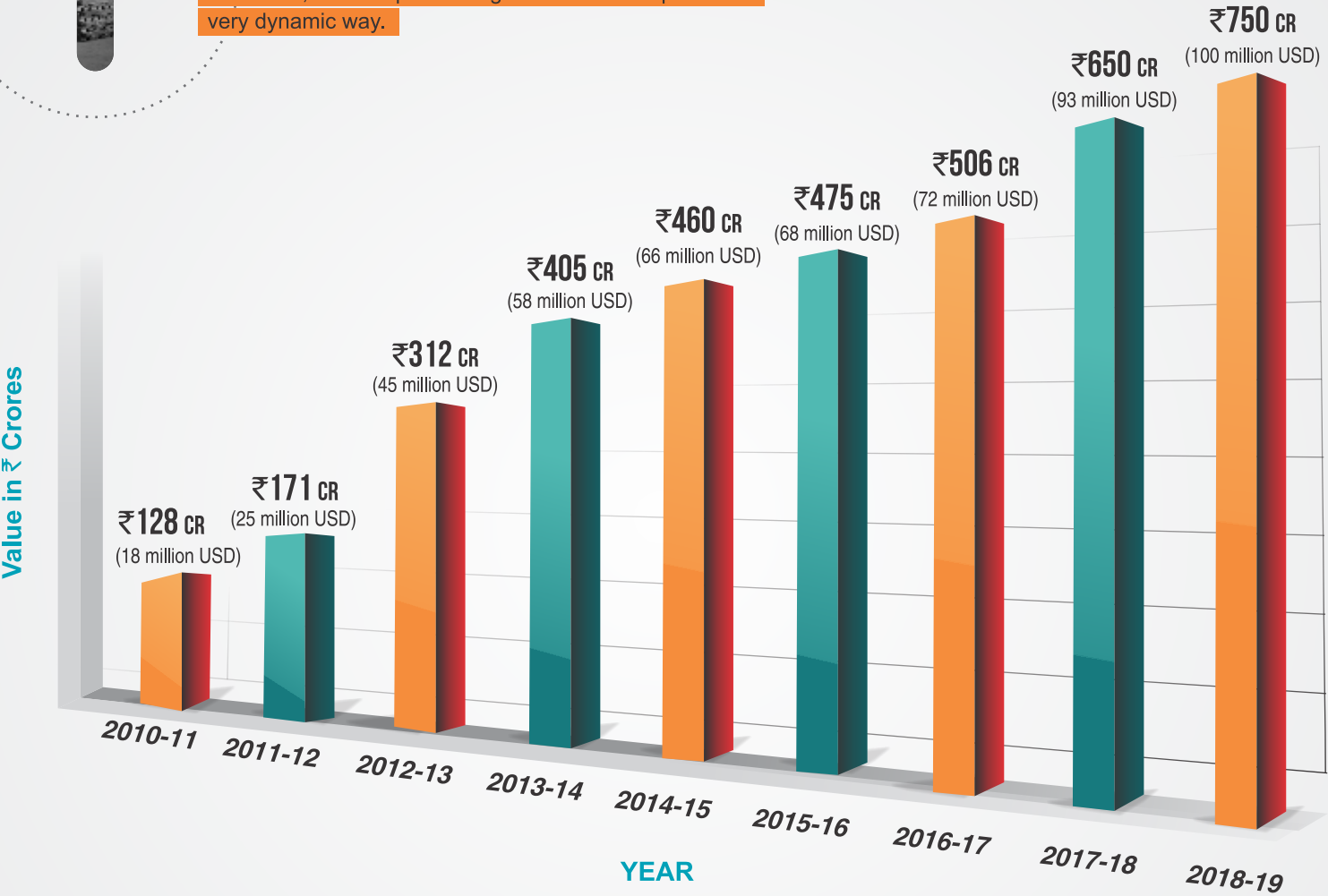
Experience:
● 3 Years in Metal, Battery & Plastic Industry

Qualification:
B.E civil engineering from CIT, Coimbatore
Master of Management from University of Sydney, Australia

FINANCIAL ACHIEVEMENT



JC Group's financial performance indicates the pace at which it has been growing in the last few years. With the current economic weather being favorable to Indian Industries, JC Groups has bright chances to expand in a very dynamic way.



JC ALLOYS

- Lead Division

Jayachandran (JC) Alloys Private Limited is one of the leading Battery and Lead recyclers in India. JC is located in Coimbatore, Tamilnadu, India. JC currently produces various grades of high quality Lead alloys and Lead oxides. JC is well known for its sound environmental friendly recycling and its care for the environment and safety of the employees.

With a production unit spread over 250,000 sq.ft, and equipped with best in class technology JC Alloys produces 60,000 metric tonnes of superior quality Lead alloy every year. Our products are classic examples for turning scrap into market preferred products. By recycling, we ensure conscious use of precious resources and reduced burden on our environment. We aim to expand our lead recycling to 120,000 metric tonne per annum over the next five years.





Product Ranges



- Pure Lead (MIN.) 99.97 TO 99.98% PURITY
- Lead ANTIMONY Alloy 4%
- Lead ANTIMONY Alloy 2.5% WITH SELENIUM
- Lead ANTIMONY Alloy 1.6% WITH SELENIUM
- Lead CALCIUM Alloy
- Lead TIN Alloy
- Lead GREY OXIDE
- Red LEAD

Our Future Products

- LITHARGE
- Lead STABILIZERS



JC
Alloys

Smelting
Refining
Alloying »

CAUTION
HEAT
PROTECTIVE
EQUIPMENT

Products We Buy

JC currently offers its services to many government bodies and many Multinational companies to dispose of any waste containing Lead. JC currently recycles the following materials:-

- Lead acid battery scraps
- Lead based dross
- Lead solder dross
- Mixed hard and soft lead scrap
- Lead covered copper cables
- Lead bearing waste



OPTICAL EMISSION
SPECTROMETER MIC - II
QUALITY

OPTICAL EMISSION
SPECTROMETER MIC - I
PRODUCTION

JC INDUSTRIES

- Battery Division

Jayachandran (JC) Industries Private Limited, is a reputed manufacturer in the battery industry, offering wide range of lead acid batteries for automobiles, UPS, inverter, solar and electronic system applications.

Our infrastructure is designed and developed after thorough analysis and in consultation with top qualified technicians and engineers. The result, we have one of the best production units that deliver high quality Automotive and Stationary batteries.

With our futuristic vision, well-planned infrastructure, sophisticated machinery and cutting-edge technology that supports consistency in production, we are geared to scale up our production operations to meet the ever growing demand in the battery market.

Infrastructure



Product Ranges

- Automotive batteries
- Tubular batteries
- UPS / Inverter batteries
- Solar batteries
- SMF VRLA batteries
- E-rickshaw batteries



JC PLASTICS

- Plastics Division

Jayachandran (JC) Plastics Private limited is one of the leading polymer compounders, molders and recyclers located in Coimbatore, Tamilnadu, India. JC Plastics is well known for its sound environment friendly recycling and its care for the environment and safety of the employees. This thought has been well reflected in the mission and vision of the company. We are renowned Manufacturers, Exporters and Suppliers of wide range of PPCP Granules, PP Granules, ABS Granules, VRLA Battery containers and household products.

Product Ranges

- PPCP granules
- ABS granules
- PP granules
- Talc filled PP
- FR PP
- VRLA battery containers
- Household products



Applications



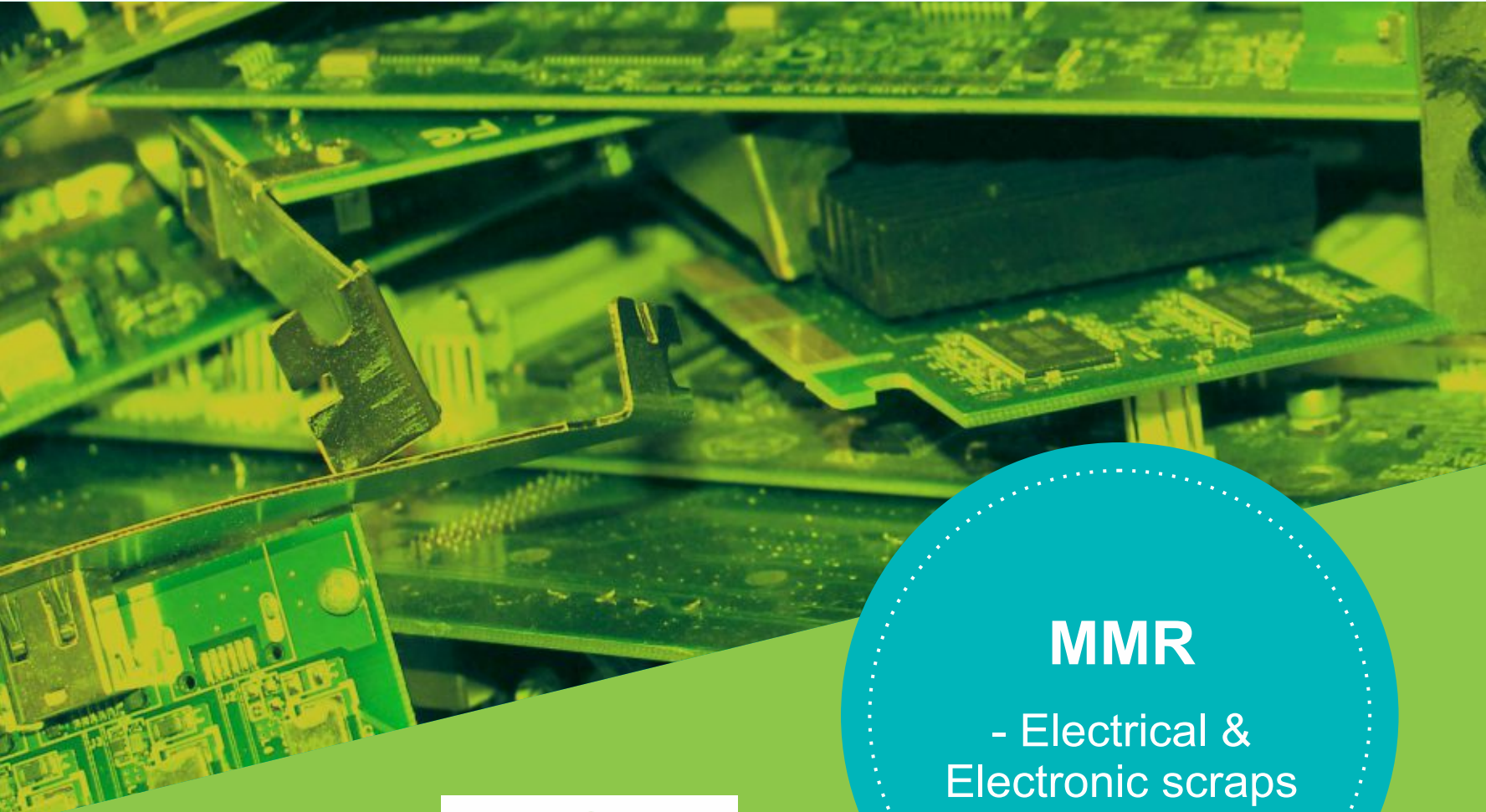
Injection molding Industry



Automobile Industry



Non-woven Fabrics



MMR

- Electrical & Electronic scraps Recycling Division



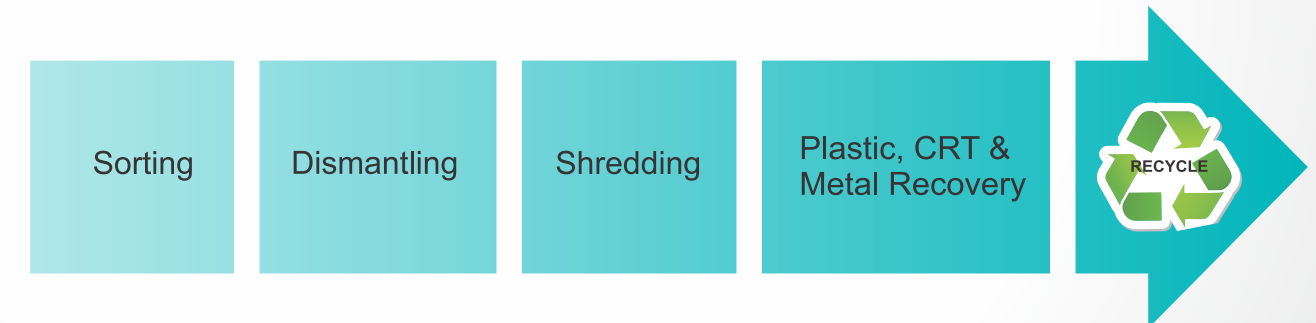
MMR started its electronic waste recycling facility in the year 2011, engaged in handling, recycling and reusing of **Waste Electrical and Electronic Equipment (WEEE)** in eco friendly way. The main aim of the company is to environmentally process and recycle the electronic waste and prevent it from being mishandled or end in landfills as it will cause great hazard to the environment.

Product We Buy

- IT and Telecommunications equipment including Computers, Servers, CRT/LCD monitors, Photocopiers, Mobile phones, Printers and Facsimile machines.
- Consumer electronics including TV's (CRT & Flat panel), DVD players, Hi-fi equipments, Electric guitars, Amplifiers, Radios, Cameras etc.
- All household appliances like TV, Refrigerators, Washing machines, Telephones etc.
- Electrical and Electronic tools including Drills, Electric saws, Sewing machines, Lawnmowers, Sanders, Nail guns.
- Electronic circuit boards, Cables, Wires etc.
- Medical devices including Analyzers, Imaging and Radio therapy equipment.
- Monitoring and Control instruments.
- Automatic dispensers, Cash machines etc.



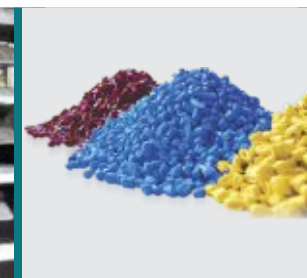
Production Process



Applications



Metal Ingots



Plastic Granules



Metal Products



Plastic Products



ISO Certified

- ISO 9001:2015
- ISO 14001:2015
- OHSAS 18001:2007

*No matter
how far we
travel, the
world
is nothing
without
green*



*We believe
that no
assets are
worth more
than our
employees*

All the units of JC Groups are certified by Central Pollution Control Board of India, Tamil Nadu Pollution Control Board, Ministry of Environment and Forests and by various other International accreditors.

At JC Group we are committed to ensuring that the health and safety of our employees. With high-grade personnel protection equipment, continuous training and practice drills, our employees are in best hands. With SAP Enterprise Resource Planning tool, we are confident that our business practices are in tune with international standards.

Plans are in place to further implement ISO 28001:2007 for security management system and total quality management for further strengthening our quality aspects.



CSR ACTIVITY



At the Let's Thank Foundation, we keenly pursue causes that allow us to give back to society and Nature what we have been privileged enough to receive. We believe that it is necessary to extend our gratitude, which is the only way one can find fulfillment and be content. To do our bit, we are engaged in lending our contribution towards the differently-abled and caring for Nature.

The differently-abled are constantly trying to overcome their challenges and all that they need is our encouragement and support for their abilities to be honed. Through our specially designed programmes, we try to foster self-employment opportunities for them. We are not enabling them because they are already able; we are only trying to make them more empowered so they can be self-employed and self-reliant.

Also, we passionately work for the environment through a series of nature-related activities. By working at the source, viz., planting trees, we endeavour to ensure that afforestation helps to bring back our lost natural resources. We can say that planting a tree is almost elemen'tree' because it has an impact on all the five elements. Its role in giving us Air, Water, Fire, Wind and Space is indispensable, which is why it is essential that we plant trees.



Tree Plantation



Self Employment for Differently Abled

Over 2,50,000 sq.ft production area

3,00,000 sq.ft of expansion area

60,000 metric tonnes per year capacity

1000 employees

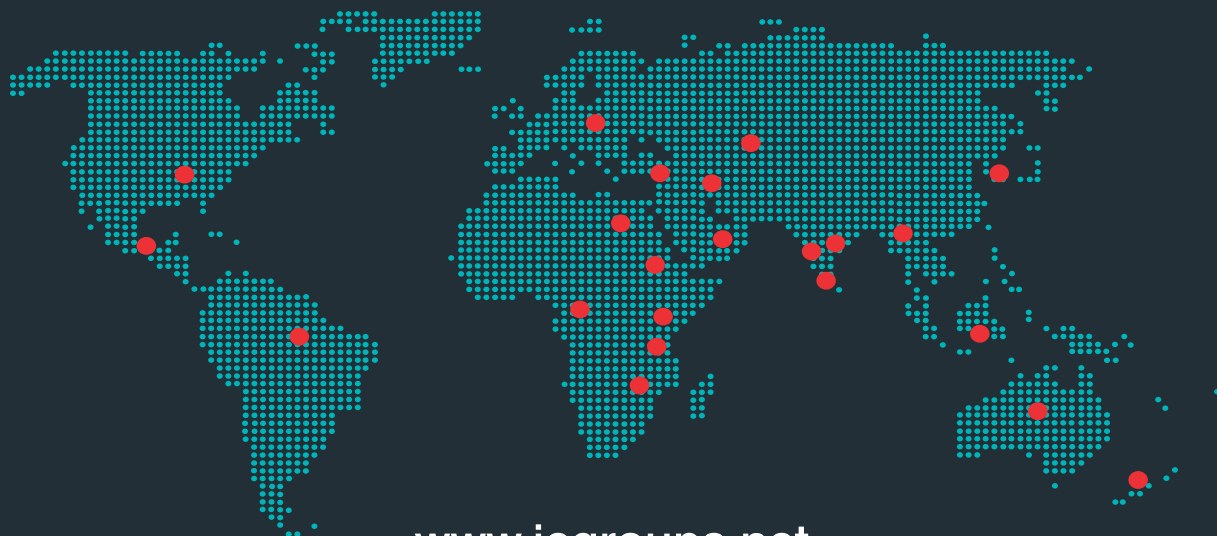
750 crore turnover per year (100 million USD per year)

We're

JC Groups



Led by TECHNOLOGY
powered by PEOPLE



www.jcgroups.net



JAYACHANDRAN ALLOYS (P) LTD

(Manufacturers of Lead Alloys & Lead Oxide)

www.jcalloys.com



ESWARI METAL INDUSTRIES

(Manufacturers of Pure Lead & Lead Alloys)

www.emimetals.com



JAYACHANDRAN INDUSTRIES (P) LTD

(Manufacturers of Lead Acid Batteries)

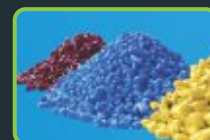
www.jcbatteries.net



JAYACHANDRAN PLASTICS (P) LTD

(Manufacturers of Plastic Granules & Products)

www.jcplastics.net



**MOOGAMBIGAI
METAL REFINERIES**

(Recycling waste Electrical and Electronic scraps)

www.mmrrecycling.in

