

www.jakson.com



## SUSTAINABLE ENERGY & ENGINEERING SOLUTIONS

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## CORPORATE OVERVIEW

Jakson Group is a leading energy and engineering solutions company offering a range of products and services that help customers effectively meet their energy needs in a safe and sustainable manner. The company is driven by its core values of building enduring relationships and its vision to be a trendsetter in energy solutions. Our integrated energy and engineering solutions portfolio ensure our customers remain at the forefront, now and into the future.

Jakson market facing businesses include Powergen & Distribution, Solar, EPC and Defence. It also has investments in the Hospitality and Education sector. Established in the year 1947, Jakson has an extensive presence in India with 2000 employees, 4 manufacturing facilities, 1 Global Training Centre, 22 Sales Offices, 14 Service centres and a wide network of distributors and system integrators. The company has operations in Bangladesh, Nepal, Singapore and Dubai. Jakson corporate headquarters are located in Noida, Uttar Pradesh, India.



(From L-R) Sameer Gupta, Chairman & Managing Director,  
Shri Satish Kumar Gupta, Chairman Emeritus  
& Sundeep Gupta, Vice Chairman & Managing Director, Jakson Group

## CORPORATE HISTORY

On the eve of Indian Independence, Shri Jai Kishan Gupta, a young migrant from Pakistan established a small electrical trading goods shop in Delhi's Kamala market. This humble beginning led to the creation of Jakson Group.

In the late 1960's, Shri Satish Kumar Gupta, the young son of Shri Jai Kishan Gupta joined his father in the family business. With his entrepreneurial spirit, Shri Satish Kumar Gupta took the business to new heights, venturing into new businesses and building them grounds-up. His foresight and hard-work transformed Jakson into a market leader in the genset business in India.

Today, the organization is spearheaded by brothers Sameer and Sundeep Gupta, sons of Shri Satish Kumar Gupta. With an aim to transform the company into one of India's leading energy and engineering company, the two brothers not just grew its legacy businesses but also diversified into new areas. Today, Jakson Group has presence across Powergen & Distribution, Solar, EPC, Defence, Education and Hospitality sectors.

In the past seven decades, Jakson has built its reputation rooted in a culture of innovation, engineering expertise and values. Jakson's vision for the future is driven by its dedication to improve people's lives by providing sustainable solutions and creating value for society.



## POWERGEN AND DISTRIBUTION BUSINESS

Jakson Powergen & Distribution Business comprises manufacture and sale of Cummins powered diesel gensets, construction and maintenance of captive diesel power plants, Cummins parts distribution & service and training of engineers through a one-of-its-kind training facility in India. We offer integrated solutions, right from individual retail generating sets to design and execution of diesel power plants, all backed by an unparalleled service support. We have the expertise to successfully meet the power requirements of a wide range of individual and institutional customers and possess years of demonstrable experience in successfully executing several mid-to-large scale diesel power plant projects for customers across industries. Through the efforts of a highly skilled workforce and our emphasis on rigorous quality testing, our products deliver unmatched performance and reliability to our customers.



## CUMMINS DIESEL GENSETS

Diesel powered generating sets remain the most popular and reliable source of power, worldwide. Jakson offers a comprehensive range of Cummins powered diesel gensets ranging from 7.5 kVA to 3750 kVA in a single node that can meet the diverse energy needs of industrial, commercial and individual customers. Our gensets are the preferred choice of customers across a wide range of industries that include Infrastructure & Realty, IT & ITES, Healthcare & Hospitality, Agrochemical, Automobile, Manufacturing and Agro & Aqua. Our know-how is built on more than 70 years of engineering excellence & our partnership with Cummins, the world leader in Diesel Engines. Jakson gensets are known for their fuel efficiency, superb performance and rugged reliability.



## DIESEL POWER PLANTS

Diesel Power Plants remain the first choice for captive energy generation. These power plants offer greater reliability and grid-independent operations, increasing the control operators have over their energy needs. It also protects customers against all kinds of power outages. Jakson is a leader in diesel power generation. We have the requisite expertise and resources to set up world class diesel power plants to meet customer needs across industries. We provide complete turnkey services that include site evaluation, installation, operations, maintenance and a proficient after sales support network. With heavy duty Cummins engines that are known for their fuel efficiency and dependability, our power plants provide performance, customers need, to achieve optimal returns on their investment.



## PARTS DISTRIBUTION & SERVICE

Jakson parts distribution and service business delivers after sales service of Cummins engines and provides genuine spare parts. This specific line of business also provides annual maintenance service contracts to Cummins genset customers. The parts distribution and services business ensures Cummins customers have access to genuine products and highest levels of customer service. It also guarantees minimum time-frame of engines breakdown in case of emergencies of customers.



## GLOBAL TRAINING CENTER

Jakson Global Training Center is a first-of-its-kind training facility in India set up in partnership with Cummins. The center conducts industry focused training courses for technicians & engineers to enhance their competence and knowledge of Cummins diesel engines and generating sets. It also acts as a world class service center for Cummins customers. Built over an area of over close to 85,000 square feet, the facility is equipped with state-of-the-art training rooms, library, electronics lab and a full-fledged hands - on training area with tear-down engines, gensets and display models.



## GENSET MANUFACTURING

Jakson is a pioneer of the genset manufacturing industry in India. The company inaugurated its first genset manufacturing facility in 1979 at Mayapuri Industrial Area in Delhi with an annual capacity of 60 gensets. As business grew, the company expanded its manufacturing footprint by establishing new plants in Greater Noida and Daman. Its Daman plant was one of the most advanced genset manufacturing units in the country during the early 2000s. To keep up with growing demand for its gensets, the company consolidated its genset manufacturing facilities and today has 3 state-of-the-art manufacturing plants located in Kathua and Kalsar.

Jakson manufacturing plant in Kalsar, Gujarat was established in the year 2011 and serves as an integrated plant for manufacturing acoustic enclosures and diesel generators. The plant has an installed capacity of 11000 generators and 35,000 enclosures annually. It has a total manufacturing space of 3.5 lakh square feet and is spread across 17 acres.

Jakson has two manufacturing plants in Kathua, Jammu & Kashmir. These integrated plants are amongst the largest manufacturing facilities in the region and offers employment to hundreds of local youths that has led to considerable economic growth and prosperity of the region. The unit is equipped with state-of-the-art infrastructure to cater to the increasing domestic requirement of DG Sets. The plant is built over 7 acres and has an annual capacity of 2000 gensets.



## SOLAR BUSINESS

Jakson is amongst the few players in the industry with an integrated solar portfolio that includes IPP plants, EPC, solar products and manufacturing. As a Solar IPP, Jakson owns three power plants with a total installed capacity of 60MW. Our Solar IPP plants are located in Bap, Rajasthan and in Lalitpur and Mahoba in Uttar Pradesh. The power generated is being sold to state power utilities under long term power purchase agreements (PPAs). In the solar EPC segment, Jakson has engineering and execution teams for both land based as well as roof top based projects. The company has executed several prestigious solar EPC projects in the country and is ranked amongst the top two rooftop solar EPC players in India by Solar Energy Corporation of India (SECI). Jakson solar products include a wide a range of B2B and B2C products which are distributed through a wide dealer network in India and overseas. These include solar modules, on-grid and off-grid solar power packs, solar water filtration systems, solar generator, solar LED street lights, solar water pumps amongst others.



## SOLAR IPP

Jakson is one of India's leading Solar Independent Power Producers (IPP). Our solar IPP division focuses on setting up and owning Solar Power Plants which sell power to State & Central utilities under long term Power Purchase Agreements. The company has a proven track record in constructing and commissioning high performance independent solar power plants that deliver competitive solar power to the grid. Jakson currently owns and operates 3 solar IPP sites in India with a total installed capacity of 60 MW. The company plans to scale its solar IPP portfolio to 500 MW in India and overseas markets in the future.



## SOLAR LAND BASED EPC

With a portfolio of more than 750+ MW in land based solar EPC projects, Jakson possesses extensive experience and expertise in setting up utility-scale land based solar power plants for government bodies, power utilities, large corporates and industrial establishments. Our scope of services include complete lifecycle of solar power plants - right from consulting to supply, erection, testing, commissioning including warranty, operations and maintenance. With a team of highly experienced solar industry professionals, we possess the expertise to build land based solar power plants of any scale, anywhere in the world.



## SOLAR ROOFTOP EPC

Rooftop Solar power plants are increasingly gaining popularity across a wide range of industrial, commercial and residential sectors due to relatively lower cost of investments and lesser complexities involved in setting up a plant. Jakson is amongst the top two solar rooftop EPC players in India with a portfolio exceeding 40+MW. We possess years of expertise and in-house engineering capabilities to build innovative rooftop solar power plants of all sizes - from a few Kilowatts to Megawatts depending on customer requirements. Our rooftop solar EPC portfolio comprises several renowned projects that include the President's Estate (Rashtrapati Bhawan) in India, solar rooftop on coaches of India Railways, Airports in Varanasi & Raipur and Delhi Metro Rail Corporation, India amongst others.



## SOLAR PRODUCTS

Jakson provides a wide range of solar products for retail and commercial users. Our objective is to provide customers with products that can help them harness solar energy & reduce their dependence on traditional fossil fuels. Jakson Solar products are manufactured using the most recent technologies to deliver optimal results. Our products are tested and certified by leading industry certification bodies and have carved a strong position in the market in a short span of time. Our portfolio of solar products include solar modules, off-grid and on-grid solar power packs, solar water purifier, solar water pumps, solar street light and solar generator amongst others. The company is constantly investing in R&D to develop new solar products.



## SOLAR MANUFACTURING

Jakson manufactures highly efficient and reliable solar PV modules based on crystalline silicon technology. Our modules are manufactured using robotic production lines procured from Europe and installed at our state-of-the-art solar manufacturing plant in Greater Noida, Uttar Pradesh, India. Our solar manufacturing plant was commissioned in the year 2016 and currently has an annual capacity of 70 MW. The plant is capable of producing both mono and polycrystalline modules from 10Wp-325Wp capacity.

We plan to enhance our solar module manufacturing capacity to 1 GW by 2020. In addition to solar modules, plans are underway to set-up a solar cell manufacturing facility with initial capacity of 250 MW annually.

Jakson also manufactures module mounting structures with total installed capacity of 500 MW annually. The company is planning to scale this capacity to 1 GW by 2020.



## EPC BUSINESS

Jakson provides turnkey engineering, procurement and construction (EPC) services for urban and rural electrification, electrical substations and transmission, building electrification, metro electrification and civil projects amongst others. We have the requisite engineering skills and experience to deliver complex projects in time and budgets. Our team of highly skilled engineering professionals have delivered some of the most prestigious and highly challenging EPC projects for government bodies, Public Sector Undertakings (PSUs) and corporates. The company has a strong portfolio of past and existing projects across multiple industries that include power and energy, airports, highways, railways and urban transport.



## URBAN & RURAL ELECTRIFICATION

With its end-to-end concept to commissioning model, Jakson is a leading company in urban and rural electrification projects. Providing electricity to every household is a key policy initiative of the Government of India and Jakson has effectively partnered both central and state governments in execution of several key power sector programs in the country like Restructured Accelerated Power Development and Reforms Programme (RAPDRP), Deen Dayal Upadhyaya Gram Jyoti Yojana amongst others. We offer turnkey EPC services for rural and urban electrification projects encompassing ground survey, civil works, erection, testing, and substation construction amongst others.



## SUBSTATION & TRANSMISSION

Jakson is a trusted partner for execution of substations projects upto 220KV. Our turnkey solutions for high-voltage substations incorporate our unparalleled expertise, proven project management excellence and a one stop sourcing of power products, solutions, and services. We have the right pool of engineering talent to help deliver complex projects on time and as per budgets. We have decades of experience in the electrical industry and have executed several prestigious substation projects for various state utilities in India.



## METRO ELECTRIFICATION

Jakson has demonstrable experience in design, engineering, installation, testing and commissioning of large scale metro electrification projects. We possess the skills, experience and capability to execute turnkey metro electrification projects encompassing civil construction, installation of power lines, electrification of overhead lines, integration with renewable power sources, maintenance of overall infrastructure and power distribution. With expertise in integrated project management, Jakson assists metro rail projects achieve increased efficiency in their electrification projects.



## BUILDING ELECTRIFICATION

Jakson provides turnkey building electrification services and solutions for residential, commercial and industrial establishments. We have years of experience and an enviable track record of managing several large scale building electrification projects for government buildings, office complexes, hospitals, metro stations, IT & ITES parks, manufacturing plants, and residential complexes amongst others. Our building electrification services provide end-to-end project planning, design, procurement, construction and commissioning with best-in-class products procured from leading manufacturers. Scope of services primarily include Supply, Installation, Testing and Commissioning (SITC) of HT and LT Panels, construction of internal and external substations, and internal and external electrification.



## CIVIL CONSTRUCTION

Jakson provides civil engineering and construction services for mid to large scale projects in select domains that include government projects, office complexes, SEZs and IT & ITES parks. Our expertise in the domain hinges on our years of successful EPC experience across various large scale power and electrification projects for both public and private institutions in India. We have a team of highly skilled engineering professionals with years of experience in design, engineering, procurement, construction and commissioning of civil construction projects across various sectors.



## DEFENCE BUSINESS

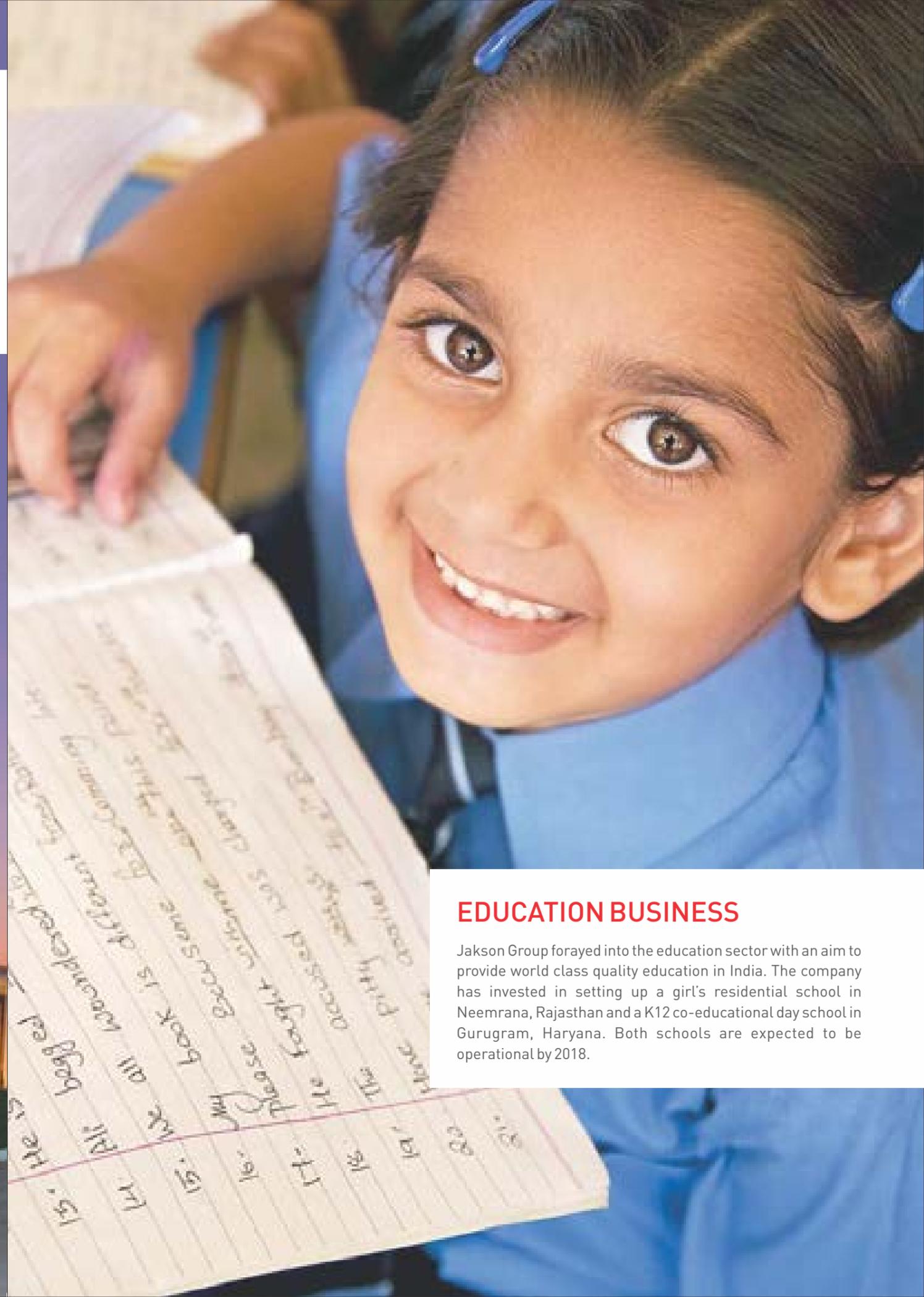
Jakson has expertise in developing specialised products and applications for the defence sector that meet the stringent quality requirements of the armed forces. Our defence solutions are currently being used by various wings of the Indian defence establishment and several leading system integrators. We have a team of dedicated R&D professionals to design and develop customized products and solutions for varied defence requirements. We are equipped with a state-of-the-art lab for simulation, testing and analysis of our products.

## HOSPITALITY BUSINESS

With an aim to build a chain of world class hotels for the budget conscious Indian, Jakson Group entered the hospitality business in the year 2012 with the launch of a 3 star Platinum Leed Certified Hotel - Jakson Inns in Phaltan, Pune, Maharashtra.

The business hotel offers 69 guest rooms, 4 guest suites, including rooms for single lady travellers. The hotel includes a multi-cuisine restaurant and bar, a boardroom, a banquet, gymnasium, therapy room and a convenience shop. The hotel also boasts two large lawns with the capacity to accommodate upto 1000 guests.

The hotel serves the catchment of nearby industrial areas and has been a success since the year of its launch. In addition, it serves as a perfect weekend destination from Pune offering options of tours to nearby vineyards, forts, organic farms and windmills, nature treks and more.



## EDUCATION BUSINESS

Jakson Group forayed into the education sector with an aim to provide world class quality education in India. The company has invested in setting up a girl's residential school in Neemrana, Rajasthan and a K12 co-educational day school in Gurugram, Haryana. Both schools are expected to be operational by 2018.



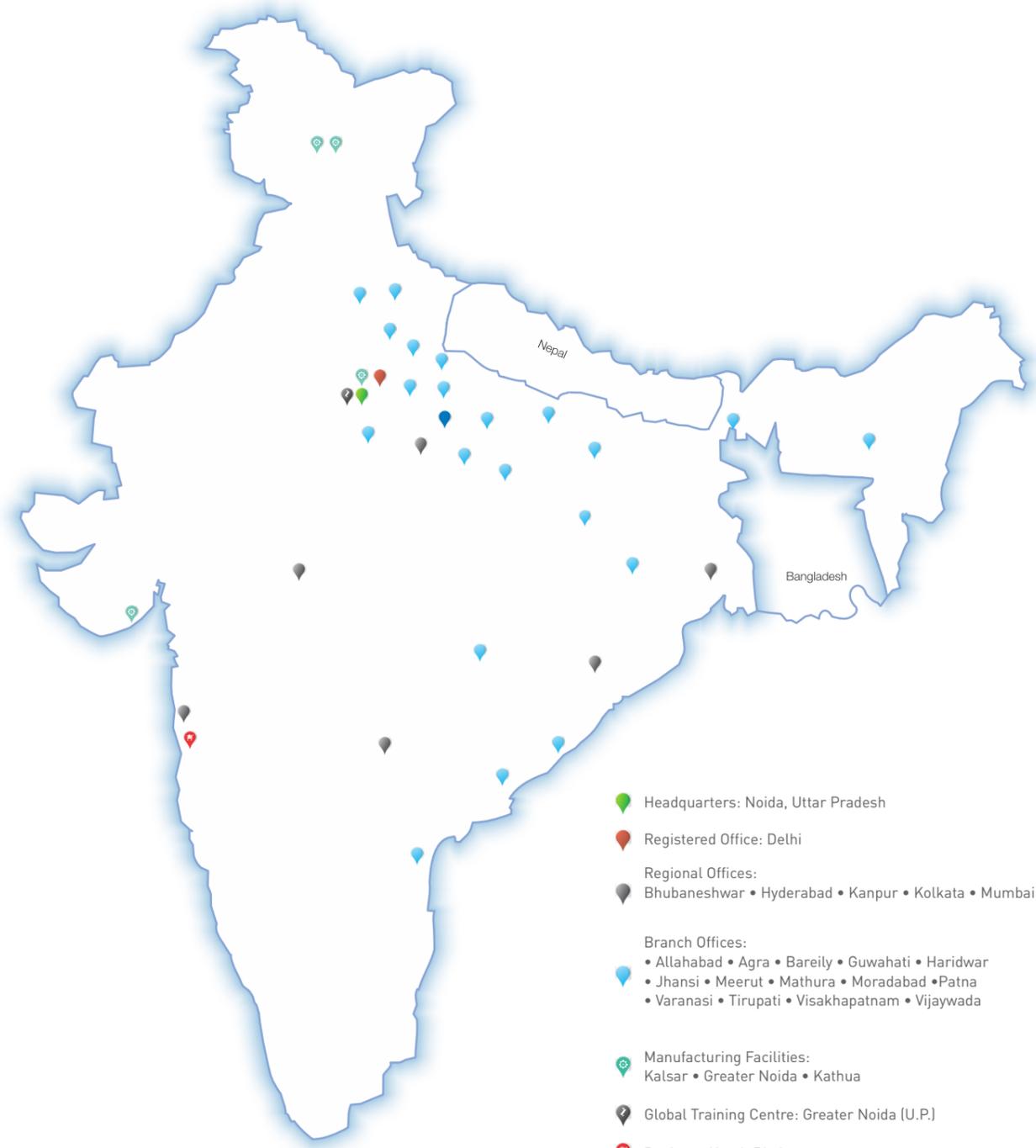
## CORPORATE SOCIAL RESPONSIBILITY

Jakson Welfare Trust is the corporate social responsibility arm of Jakson Group. The trust operates and manages various CSR programs on behalf of the company for betterment of underprivileged sections of society.

Jakson Welfare Trust currently works in several areas like skill development, education, healthcare, environmental sustainability and women empowerment. In addition to self-run programs, the company also partners like-minded organizations working in similar realms and offers them financial and volunteering support as required, from time-to-time.

# OUR PRESENCE

# OUR CLIENTS



- Headquarters: Noida, Uttar Pradesh
- Registered Office: Delhi
- Regional Offices:
  - Bhubaneswar • Hyderabad • Kanpur • Kolkata • Mumbai
- Branch Offices:
  - Allahabad • Agra • Bareilly • Guwahati • Haridwar • Jhansi • Meerut • Mathura • Moradabad • Patna • Varanasi • Tirupati • Visakhapatnam • Vijaywada
- Manufacturing Facilities:
  - Kalsar • Greater Noida • Kathua
- Global Training Centre: Greater Noida (U.P.)
- Business Hotel: Phaltan
- Solar Distributors: Uttar Pradesh • Uttarakhand • Bihar • Jharkhand • Haryana • Rajasthan • Madhya Pradesh • Andhra Pradesh • Tamilnadu
- International Offices:
  - Nepal • UAE • Bangladesh • Singapore
