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Ahuja Radios

DESCRIPTION

- Ahuja Radio's is the largest manufacturer & exporter of public address system in India
- Its products confirm to world standards ensuring top quality performance and absolute reliability

Focus Areas

- Amplifiers
- Microphones
- Conference systems
- PA cassette players and recorders
- Driver units
- Professional speaker system
- PA column speakers
- Echo mixer
- Megaphone
- PA horn speaker
- PA audio mixer
- Paging speakers- ceiling and wall speakers

Infrastructure

- R & D Lab recognised by the Government of India is equipped with the most modern equipment
- Has 8 modern with well equipped factories in Delhi, Mumbai & Noida
- Has 700 professionals, engineers & skilled workers
- Computerised design and testing facility including four electro acoustics, and anechoic chamber.
- Well integrated network of 449 retailers equipped to sell, install & provide services

Key Achievements

- Eighth largest exporter of consumer electronics in India.
- Received award from government of India for export
- First Indian company to get UL, CSA, CE certification.
- Prestigious installations in Parliament, State Legislative Assembly, BARC, ISRO
- Exports to 50 countries and 5 continents
- Largest market share in India

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American Springs and Pressing Works Ltd (ASPEE)

DESCRIPTION

- Manufacturer and exporter of manual and power operated agricultural sprayers, dusters, threshers for crop protection
- It provides plant protection measures that utilise potential yield and avoid wastage of chemicals
- Most of the equipments are as per ISI standards

Focus Areas

- Forestry
- Agriculture
- Horticulture
- Health
- Green house
- Poultryes

Infrastructure

- Company has 13 acres of land in Mumbai and 3 associate companies
- Has a staggering work force of 400 people
- Has widespread network of 120 states and district level distributors
- Has 600 dealers and stockist in all the major districts and Talukas
- Has an R&D centre for carrying out extensive research

Key Achievements

- Pioneer in plant protection equipments
- Pioneers in power operated sprayers
- Revolutionised the vineyards by their air assisted tractamount sprayers.
- First to venture from the plant protection industry into markets abroad
- Won merit from Kerala Government for their Turblow Mistblow

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Axiom Consulting Pvt Ltd

DESCRIPTION

- Axiom Consulting provides customers industrial design and product engineering support for developing highly innovative products, and thus positively impact the customers' product development
- Through its base in Bangalore, Axiom currently provides product design services to large number of leading OEMs in India and several client overseas

Focus Areas

- Industrial design
- Product conceptualisation
- Product engineering using CAD/CAE
- Prototype building and productionising related consulting services
- Onsite consulting services for industrial design and engineering services (CAD/CAE)

Infrastructure

- Industrial designers, CAD/FEA engineers and model makers
- 1750 sq ft of office space
- 600 sq ft model shop with facilities to build Clay, Foam, Polyurethane models and functional prototypes
- Equipped with technical software tools for early analysis and visualisation
- Well developed network of partner companies and advisors

Clients

Axiom started offering its services to OEM in 2000. In this short span Axiom have relationships with more than 15 clients. These include General Electric India, TVS Motor Company, Ashok Leyland Trucks; and Marquee US clients like Microsoft Corporation, Black and Decker and Forbes Asia.

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Bajaj Motors Ltd

DESCRIPTION

- Bajaj Motors was founded in 1986 by Mr. V.P. Bajaj
- Their facilities at Gurgaon utilises flexible manufacturing concept and strict quality inspection to guarantee high quality components
- Bajaj Motors are manufacturers of engine components for OEM, producing both forged and machined precision components

Focus Areas

- High precision auto components mainly engine and suspension components

Infrastructure

- Bajaj has large number of CNC machine, special purpose machine, general purpose machine, multi purpose machines and wire cut machine
- It has presses from 500 Tons to 1600 Tons of capacity
- It has heat treatment and short-blasting facilities
- It has state-of-the-art inspection and testing facility
- It also has a design centre with software's like CAD/CAM/Ideas

Key Achievements

- Bajaj Motors is an ISO 14001 and TS 16949 accredited organisation
- It has received the "best supplier" award from a two wheel manufacturer

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Bharat Forge Ltd

DESCRIPTION

- Bharat Forge, a flagship company of the Kalyani group is the largest forging company in Asia and one of the three largest and most technologically advanced commercial forge shops in the world
- Bharat Forge is a major global supplier of automotive engine and suspension components
- The company manufactures a wide range of forgings and machined components for the automotive, diesel engine, railway, earthmoving, cement, sugar, steel, coal, ship building and oilfield industries as also general engineering equipment
- It has high level of utilization of assets thereby being in a position to sell the component at competitive price
- It is a one stop shop where the customer gets the complete range and finished products ready to assemble
- BFL has the ability to provide end-to-end support from component design to the finished product

Focus Areas

- Closed die forgings like crankshaft, connecting rod, rocker arm, steering knuckle, transmission parts, hubs and components for oil and gas industry
- Open die forgings for sugar and cement industry, petrochemicals, gear manufacturing and material handling, shipbuilding, tool and injection molding, seamless tube and mining industry

Infrastructure

- Bharat Forge is a one location plant with state-of-art equipment and machinery
- The closed die forge shop has presses, hammers, upsetters and extrusion presses
- The die making shop has battery of high speed milling machines; CNCEDM and conventional CNC machines
- Heat Treatment facility
- Machining shop with latest machines
- Metrology Centre for checking profile and surface finish
- Inspection and testing facility including all non destructive and destructive testing equipment
- Engineering cell with state-of-the art design softwares

Clients

Bharat Forge has emerged as India's largest exporter of auto components in the domestic and world markets. International OEMs are Ford, Dana Corporation, Meritor, Cummins, Detroit Diesel in North America, Daimler Chrysler, Caterpillar-Perkins, Renault, Mercedes Benz, New Holland, Volvo, Volkswagen, Dana Europe & Lister Petter in Europe, Mitsubishi Motor Corporation, Isuzu Motors in Japan, Sang Yong Motor Company, South Korea and Turbine-Union (MTU) in Germany. It is the leader in the domestic market catering to the requirements of all automotive and diesel engine manufacturers in India.

Key Achievements

- 2nd largest merchant forging company in the world
- Largest manufacturer of Axle Beams in the world with 60% market share in the North American market for Axle Beams
- Largest exporter of auto component in the domestic and world market
- Acquired CDP one of the largest German forging company
- Named amongst top 200 successful and rising companies outside U.S by Forbes magazine.
- ISO 9002 and QS 9000 certified company
- Have an impressive list of international clients which include Mercedes Benz, BMW, Daimler Chrysler, Volvo and Honda etc
- Recipient of "Award for Excellence in Exports" from EEPC
- Recipient of "Best Supplier Award" for new product development from Escorts

Financials

- Turnover of US \$ 153 Mn in FY- 2002-2003
- PBT of US \$ 25 Mn in FY 2002- 2003

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Cenlub Industries Ltd

DESCRIPTION

- Cenlub manufactures Centralised Lubricating System for the last 25 years
- It constantly monitors the industry need and brings out the right product to cater to the lubrication needs of machines, plants, vehicles, locomotives etc

Focus Areas

- Single shot oil lubrication system
- Multi-line lubrication system
- Single line progressive lubrication system
- Oil circulatory system
- Dual line grease lubrication system
- Vehicle lubrication
- Mist lubrication system
- Special lubrication unit
- Fittings and tubing
- Lubrication accessories

Infrastructure

- Cenlub has two manufacturing facilities: Faridabad and Bangalore
- It has complete manufacturing, assembly and testing facilities
- It has a team of engineers to take care of after sales service

Financials

- Turnover of US \$ 1.2 Mn in FY 2002-2003

Key Achievements

- Recipient of several awards from government and other private organisations
- It is an ISO 9001:2000 accredited organisation

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Chemtrols Engineering Ltd

DESCRIPTION

- Chemtrols is a leading solution provider in process control, process analytical, preventive maintenance, instrumentation environmental protection and monitoring equipments

Focus Areas

- Process analytical systems and accessories
- Environmental monitoring systems
- Fire and gas detection systems
- Level instruments
- Process control instruments
- Vibration monitoring systems
- PRDS/De-superheating systems
- Fail safe-PLC-shut down systems
- Terminal automation systems
- Quarter-turn valves
- Pollution control-wet process-spray systems
- SCADA and leak detection systems
- Waste management systems

Infrastructure

- Chemtrols has two manufacturing units
- Has an employee base of 200 with 110 engineers
- Has well equipped manufacturing and testing facility

Key Achievements

- An ISO 9001:994 accredited organisation
- Has collaboration with several overseas organisations
- From a proprietary concern in 1975, Chemtrols today is a deemed public limited company

Service Offering

- Following services are available either totally or partly:
- Application data review and engineering
 - Front-end engineering and construction of:
 - Fast loop
 - Sample transportation using fast loop, conditioning and recovery
 - Analyzer houses and HVAC
 - Utility supply and distribution
 - Calibration services
 - Failure diagnostic services
 - Integration with overall automation system
 - Procurement of analyzer's as per client's purchase specifications
 - Installation of analyzers and related systems in the analyzer house
 - Adherence to rules concerning explosion protection
 - Factory acceptance test
 - Site installation, commissioning and start-up services
 - Training of personnel
 - Field/in-house recalibration services

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Clutch Auto Ltd

DESCRIPTION

- Clutch Auto Limited is India's leading manufacturers exporter of automotive clutches
- It enjoys a market share of 40%
- Major OE supplier to commercial vehicle manufacturer, agricultural tractor and passenger cars, tanks and earth moving equipment manufacturers

Focus Areas

- Range 160 Ø to 430 Ø
- Diaphragm clutches
 - Coil spring clutches
 - Angle spring clutch
 - Double, dual, twin clutch
 - EZ Lite clutch
 - Single and multi-stage disc
 - Predamper disc
 - Long travel disc
 - PDHT predamped high torque
 - Cerametallic wet clutch disc
 - Brake lining

Infrastructure

- Fully integrated manufacturing infrastructure having vast production and testing facilities
- New Delhi plant sprawls over 30,000 sq. meters of area

Financials

- Turnover of US \$ 18 Mn in FY 2003-2004

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Elecon Engineering Company Ltd - Gear Division

DESCRIPTION

- Elecon is the largest manufacturer of industrial gears
- It designs & manufactures a wide range of worm, parallel shaft and right angle shaft helical and spiral bevel helical gears with horizontal and vertical output shafts in various sizes, from single to quadruple stage reduction

Focus Areas

- Helical gears
- Worm gears
- Special gears
- Couplings
- Geared motors

Infrastructure

- Elecon has the most modern gear manufacturing setup
- It has a large concentration of CNC Machines. It also has sophisticated gear profile testing machines, full-fledged testing/calibrating laboratory and vacuum spectrometers to check chemical analysis of raw material
- Elecon has flexible machining systems, a battery of state-of-the-art, quality control equipment, online computerised inventory control, production planning, execution programs managed using state of the art ERP software
- EMTICI Engineering Ltd, is the marketing and servicing company appointed for ELECON products in India
- Elecon has more than 90 dealers and 30 resident engineers looking into daily requirements of clients

Financials

- Turnover of US \$ 35Mn in FY 2002-2003

Key Achievements

- Developed and supplied to S.A its biggest bevel helical planetary gear box, for slowing drive of a stacker reclamation
- Designed CODOG marine gearbox for P 17 class, Indian Navy's stealth warship. It was the 1st gear box with such high accuracy & low structure borne noise
- The gear division received ISO 9001 certification in 1994

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Electronica Machine Tools Ltd

DESCRIPTION

- It is in the business of manufacturing of electric discharge machines & CNC wirecut electric discharge machines required for various types of dies & moulds

Focus Areas

- Electric discharge machines
- CNC wirecut electric discharge machines

Infrastructure

- Electronica has its manufacturing setup in Saswad, spread over building area of 4650 sq meters
- It has state-of-art manufacturing and testing facility
- It has an employee strength of 125
- The R&D centre recognised by the Government of India

Financials

- Turnover of US \$ 8.6 Mn in FY 2003-2004 for EDM products only
- Net worth of US \$ 3.2 Mn as on 31.3.2003

Key Achievements

- ISO 9001 accredited organisation
- Electronica has many firsts' to its credit manufacturer of first indigenous EDM, CNC, Wirecut EDM, DRO, CNC systems, linear scale and machines for electronics
- Indigenous development of CNC Wirecut EDM technology
- Multi axis motion control with DSP
- Largest exporter of CNC machines

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Electropneumatics & Hydraulics (India) Pvt. Ltd.

DESCRIPTION

- Electropneumatics builds manufacturing systems for applications in virtually all segments of forming technology
- It offers complete solutions right from concept to overall planning to successful execution (a single press or a turnkey system)
- Currently more than 3000 installations in various countries worldwide

Focus Areas

- Hydraulic metal forming presses
- Hydraulic molding presses
- Hydraulic compacting presses
- Hydraulic honing machines
- Mechanical presses
- Tube/section bending machines
- Industrial robots & automation systems
- Hydroforming systems & services
- Special purpose presses & turnkey projects
- Fluid power products

Infrastructure

- Electropneumatics employs more than 650 people working in two plants- Mumbai & Chakan (Pune)
- Several other units work exclusively providing component manufacturing services
- All necessary design, fabrication, machining, assembly and testing facilities are available to produce most complicated structures and equipment

Financials

- Turnover of US \$ 9 Mn in FY 2002-2003

Key Achievements

- It has completely indigenous technology
- In-house R&D unit - recognised by Department of Science & Technology
- It is pioneers of several new products in India
- Recipients of several awards for technology excellence
- First to introduce Hydroforming Technology in India

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GKW Ltd

DESCRIPTION

- GKW Ltd is a multi product ,multi-division ,multi-location engineering company catering to a wide customer base in diverse segments of the industry
- The major end use sectors serviced by GKW include automotive, electrical, electronic and general engineering industries

Focus Areas

- High speed steel
- Tool and alloy steel
- Valve steel
- Sheet metal stamping/pressing and sub-assemblies
- Press tools, jigs, fixtures, dies & moulds
- Electrical lamination
- Fasteners like wood screws, safety pins, self tapping screws and rivets

Infrastructure

- Multiple units with state of the art equipments
- Each factory is equipped with separate inspection and quality control department
- Has R&D lab at Bhandup to cater to product innovation, process and product improvement and render technical services to customers
- Has a well established network of sales and retail outlet in major cities in India

Financials

- Turnover of US \$ 14 Mn in FY 2001-2002

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Gujarat Apollo Equipments Ltd

DESCRIPTION

- Gujarat Apollo is India's leading manufacturer of road construction and maintenance equipment
- The group offers almost the entire range of equipment for bituminous road building industry
- Apollo has a customer base of over 1400, an equipment population of around 3500 and a market share of over 60% backed up by a nation wide presence of sale and service network
- It's mission is to retain the lead by bringing the best available technology through joint ventures and technology transfers, to meet the quality requirements, technological sophistication, ecological prerequisites best suited to meet the nations rising demands

Focus Areas

- Asphalt plants
- Paver finishers
- Wet mix plants
- Bitumen sprayer
- Kerb paver
- Rollers

Infrastructure

- Equipped with state of art manufacturing facilities, controlled production techniques, top quality raw material
- Excellence in design, manufacturing and field operation of plant and machinery related to the asphalt industry
- It has a nationwide network of sales and service network

Financials

- Turnover of US \$ 11.5 Mn

Key Achievements

- Leaders in the field of road construction equipments in India
- Pioneers in the field of hydrostatic paver finisher with sensor control in India
- Unrivalled quality standards with ISO 9001:2000 QMS

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Hoyt Engineering Solutions Pvt Ltd

DESCRIPTION

- Hoyt designs and develops world-class products, components and tools for plastics and sheet metal and die cast parts for automotive and non-automotive applications

Focus Areas

- Product development through CAD/CAM/CAE
- Tool design services
- Reverse engineering and modeling plastic and sheet metal tool
- Manufacturing and assembly of molds, press tools and fixtures
- Component manufacturing - injection molding/sheet metal pressing
- Electro mechanical connectors product development , verification & design analysis
- Molded instrument enclosures
- Mold flow analysis
- CNC programming

Infrastructure

- High end graphics workstations for variety of application software
- Reverse engineering and measuring instrumentation facilities
- Experienced manpower
- Various application software's like Ideas and Ansys

Key Achievements

- Provides online support to clients from product data management and conversion and CNC programming

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Hydrodrive Systems and Controls (P) Ltd

DESCRIPTION

- Hydrodrive was established in the year 1981 as a small scale enterprise for commercialising an import substitution item Fluid Couplings- an energy saving device for all electrical motors
- The focus of Hydrodrive's research and development activities and product developments are concentrated to conserve energy and to protect the environment

Focus Areas

- Fluid couplings
- Electronic catalytic convertor
- Microwave heat pumps
- Palm fluid turbo charger
- Solar energy system

Key Achievements

- Gold Winner of the " Asian Innovation Awards 2001"
- Mr. Gopalakrishnan has received the Tamil Nadu Government's award for best performance
- He has been nominated for the biographical man of the year award 1999
- India's most prestigious space program - PSLV rocket launch pad mobile service tower -swing door mechanism is fitted with Hydrodrive Fluid Couplings

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IGP Engineers (P) Ltd

DESCRIPTION

- IGP is a pioneer in the field of design & development of static seals for industrial application.
- It offers wide variety of sealing products of oil refineries, chemical & process plants, thermal & atomic power stations and fertilizer plants
- It is the market leaders for industrial gaskets in India, well known under the brand name of Spiraget

Focus Areas

- Spiral wound metallic gasket
- Ring type joint gasket
- Solid metal gasket
- Composite, ferrule and envelope gasket
- Non metallic gasket
- Insulating gasket
- Monolithic insulation gasket

Infrastructure

- IGP has modern engineering facilities including computer aided design
- It has state of art manufacturing facilities located near Chennai
- It has research and development facilities and a well equipped laboratory and testing facilities enable field simulation tests, leading to more reliable and better engineered product

Key Achievements

- IGP is an ISO 9002 company with a strong presence in exports
- Ring joint gaskets of IGP are API approved and carry the API monogram

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Indian Institute of Technology, Bombay

DESCRIPTION

- IIT Bombay, set up by an act of parliament, was established in 1958
- Well known for its B Tech program, the institute offers masters and doctoral programs as well
- R&D projects undertaken fall under three broad categories: sponsored/contract research, consultancy projects and sponsored student projects
- Large number of training programs are organised for industry personnel

Focus Areas

- Power electronics and power systems
- Control and computing
- Microelectronics
- Electronic systems
- Communication and signal processing
- Heat transfer and thermodynamics
- Instrumentation
- Robotics
- Metal forming, casting and welding
- Computer aided manufacturing
- Machining, machine tools, metrology & measurement

Infrastructure

Electrical engineering department has the following laboratories:

- Digital audio processing
- Communication
- Signal processing and instrumentation
- Fibre optics
- Information networks
- Microelectronics fabrication and characterization
- Power electronics, machines and drivers
- Short circuit testing and vacuum arc
- Digital audio processing

Key Achievements

- IIT-B ranked 3rd in Asia's Best Universities 2000 (Asiaweek's Report)
- Continuing Education Program, IITB winner of "Golden Peacock National Award-2001" for excellence in training
- The chemical engineering department has multiple patents to its credit

Industry Interactions

- Has served large number of domestic and international clients
- Short circuit testing and vacuum arc
- Digital audio processing

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Indian Institute of Technology, Delhi

DESCRIPTION

- IIT, Delhi is one of the seven institutes of technology created as centers of excellence for higher training, research and development in science, engineering and technology in India
- R&D projects undertaken fall under three broad categories: Sponsored/contract research, consultancy projects and sponsored student projects
- IITD has a society called Foundation for Innovation and Technology Transfer (FITT) which acts as an interface with the industry to foster, promote and sustain commercialisation of science & technology in the Institute

Focus Areas

- Communication and radar
- Computer technology
- Control & instrumentation
- Power engineering
- Integrated electronics & circuits
- Power systems
- Power electronics, machines and drives
- Signal processing
- Microwaves
- Microelectronic

Infrastructure

IIT Delhi has a huge infrastructure. Some of the facilities that can be used by the industry on payment of charges include:

- Digital language laboratory
- Mechanical fabrication
- Glass blowing workshop
- Transmission electron microscope
- Nuclear magnetic resonance
- Analog and digital signal processing
- Optics and optoelectronics
- Biomass utilisation
- Biochemical engineering & biotechnology
- CR-ROM database search service
- Rotary viscometer
- Solar simulator for PV module
- Double coated PCB making machine
- ICL 3980 computer system and graphic workstations
- Inductively-coupled plasma atomic emission spectrometer

Key Achievements

- IIT-Delhi has been ranked 4th best college in Asia Pacific region
- Prof R.S. Sirohi, Director has been awarded the Padma Shri on January 26, 2004
- Faculty members have received several national and international awards for publications and research
- A large number of collaborative research projects are under operation with Institutes in European Commission, France, Germany, Hungary, Japan and USA

Industry Interaction

- Has served large number of industrial clients both domestic and overseas

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Indian Institute of Technology, Kharagpur

DESCRIPTION

- Set up in 1951 IIT-Kharagpur is the oldest of the seven IIT's in India
- IIT Kharagpur has a special R&D cell, Sponsored Research & Industrial Consultancy (SRIC), which is an interface between funding agencies and the institute to handle sponsored research projects and industrial consultancy assignments

Focus Areas

- Microwave engineering, micro-sensors and micro-systems
- Dairy and food processing, farm machinery and water management
- Control systems and industrial automation
- Air conditioning and refrigeration
- Combustion
- Robotics
- Machine design and dynamics
- Non conventional manufacturing
- Rail vehicle dynamics
- Vibration control
- Welding technology
- Rural tools and machines for rural development

Infrastructure

- 4-axis CNC Wire EDM (ELEKTRA)
- CAD: Parametric Technologies "Pro/Engineer", ADAMS
- Cast Iron and non ferrous melting furnaces
- Computational fluid dynamics: Phoenix
- Equipment for testing of bearings
- Heavy duty lathe (HMT) and heavy duty milling machine (Batliboi)
- Various types of conveyors and elevators
- Vertical machining centre (LMW)
- 100 hectare farm for agro-research
- Dairy and food engineering lab

Key Achievements

- Faculty members have received national and international recognition for teaching and research
- IITs have gained international recognition for the undergraduate engineering programs and are considered to be the best in the world

Industry interaction

- Currently SRIC has over 450 sponsored projects from national and international clients to the tune of over Rs. 40 crore.

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Indo German Tool Room (Aurangabad)

DESCRIPTION

- It is a Govt. of India society formed under bilateral agreement between Govt. of India and Govt. of Germany
- It is an autonomous body of Ministry of Small Scale Industry, Govt. of India
- Centre providing total tooling solution for a wide range of industries ranging from automotive, white goods, electricals, aerospace etc

Focus Areas

- Tool production & training
- Tool manufacturing includes production of press tools, moulds, jigs and fixtures, gauges, machining of precision components
- Job work in the area of heat treatment, precision injection (CMM) & component production

Infrastructure

- Built up area of 16180 sq. m, 1500 KVA installed capacity, 640KVA captive power generation
- Ultra modern state of the art machine set up
- Quality assurance is well equipped with Carl Zeiss CNC coordinating measuring machine, Umess, SAM, Holos and KUM
- Design Department equipped with latest software like Unigraphics, I-deas, MasterCAM etc
- Heat treatment section equipped with fluid therm heat treatment furnaces to give assured hardness and toughness

Clients

Some of the esteemed clients of IGTR are Bajaj Auto Ltd, Ceekay Diakin Ltd, Electrolux Kelvinator Ltd, Franke India Ltd, Finalindia Cutlery Ltd. (Fiskars), Victor Gasket India Ltd, Siemens Ltd and Videocon Group to name a few.

Key Achievements

- ISO 9001 accredited organisation

Production

The Tool Room has a wide spectrum of sophisticated machines, which includes: CNC Milling Machine, CNC EDM Machine, CNC Wire Cut Machine, Jig Boring, Surface Grinder, Fluid Thermal Heat Treatment Furnace and try out machines.

It provides batch production for sheet metal and plastic moulded items on mechanical presses and injection moulding machines. In addition, batch production of machined items is also undertaken on CNCs and conventional machines.

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Kinetic Engineering Ltd

DESCRIPTION

- Kinetic Engineering Limited is part of the Kinetic group of companies, a leading manufacturer of two wheelers in India
- Kinetic group designs, manufactures and supplies auto components globally to O E Manufacturers and Spares Markets for after-replacement and performance kits etc
- Kinetic offers engines, power-packs and sub-assemblies out of the wide range of Kinetic manufactured two-wheelers at highly competitive prices.
- They also extend technology and know-how for local manufacturing and refinement of your balance parts like frames/brakes/electrical etc.

Focus Areas

- Motorcycles, scooters, mopeds, scooterette
- Exhaust systems, fabricated chassis and other frame parts for scooters/motorcycles
- Gears, shafts, connecting rod sets, crank shafts, kick shafts etc ready to assemble type
- Parts for variomatic transmission in scooters/mopeds: Variator pulley front and rear, centrifugal clutch, centrifugal weights, performance kits
- Wheels, Brakes and Front Suspension for Motorcycles
- Electrical parts: Magneto, stators, HT coils, electric starter motors
- Electronic parts: CDI module, voltage regulators, regulator rectifiers, flashers

Infrastructure

- Three state-of-the-art manufacturing facilities for 2- wheelers mopeds, motorcycles (approved by Hyosung, Korea), scooters (originally in JV with Honda Motor, Japan) and motorcycle engines
- It has a full scale research and design center
- Nationwide distribution network comprising 450 dealers and over 1000 service centers across India
- Latest inspection & testing facilities

Financials

- Turnover of US \$ 612 Mn in FY 2002-2003

Key Achievements

- Kinetic has won 14 exports excellence awards including nine at all India level from EEPK Kinetic enjoys "Export House" status and has won the Exports Excellence award seven consecutive years
- It is a leading exporter across the globe with thousands of vehicles exported to countries like USA, Canada, Latin America, Europe, Africa, Middle East and South Asia
- It is ISO 9001 certified from DNV for all models and activities

Clients

Bombardier, Piaggio, Carraro India Ltd, Bajaj Tempo Ltd

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Kinetic Technologies

DESCRIPTION

- Kinetic Technologies is the tool room of Kinetic Engineering Ltd which has been commercialised in January 2004
- It is an independent venture focused on offering cost effective "Art to Part" or tailor-made services to the clients globally
- It is a one stop solution for your CAD/CAE/CAM and tool room needs

Focus Areas

- Reverse Engineering
- 3D model generation for product
- Pressure die casting dies design
- Plastic mould design
- Press tool design
- Jigs, fixtures and gauge design
- Process engineering
- Manufacturing of dies and moulds

Infrastructure

- Tool Room has the latest softwares in the design/CAD/CAM cell
- Tool design facility includes State-of-the art software like Ideas, Autoform 3.1, ProE, ICEM Surf, Imageware, Catia V4 and V5, UG NX2, Diedifice, Ansys, Hypermesh etc
- It has a host of CNC milling, Wire EDM, EDM, CNC tool and cutter grinding machines and other latest tool manufacturing facilities.
- Tool Room has several testing and quality assurance facilities which includes 3D co-ordinate measuring machine, profile projector, surface roughness tester etc

Key Achievements

- It is a ISO 9000 accredited organisation
- It has a capacity of one die mould a day
- It is the first Indian company to develop a petrol tank from "Art to Part"
- It is the only Indian company with specialisation in injection molding, pressure die casting and pressed parts
- It has done import substitution for Kinetic Engineering leading to savings of several million dollars for the organisation

Clients

Some of the clients of Kinetic Technologies are General Motors, Daimler Chrysler, ASB, Alstom, Alfa Laval, Tata Motors etc.

Financials

- Since this company has been formed in January 2004, they are yet to publish their results

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Larsen & Toubro Ltd

EBG - Control and Automation Business Unit

DESCRIPTION

- Control & Automation Business Unit belonging to the Electrical and Electronics division (EBG) of Larsen & Toubro Limited is a one-stop automation solution provider and it offers end-to-end engineering services from project concept to commissioning and maintenance
- L&T Automation caters to the industry segments by offering our expertise in products and system solutions like AC Drives, DC Drives, PLCs, SCADA systems for control, regulation and monitoring. These products and solutions have helped improve efficiency and product quality, save energy and monitor plant performance
- L&T Automation is certified for ISO 9001:2000 Quality system

Focus Areas

- Integration automation solutions across a host of vertical industry segments
- Cement
- Iron & Steel
- Material handling
- Oil, gas, water
- Chemical
- Petrochemical
- Manufacturing
- Power
- Pharma
- Biotech

Infrastructure

- Unit with 5,000 sq. m area
- Entire operation on SAP ERP System
- 2 MBPS leased line connectivity
- Fully networked office for engineering & project management with 100 MBPS LAN
- Fully equipped R&D laboratories with state-of-the-art facilities
- Design lab equipped with latest software tools viz. Orcad, PSpice, Matlab, Keil compiler, Pro-E, Saber, WinCE, Code Composer for TI-DSP, Xilinx ISE for PLD Design
- Drafting facilities - Autocad & ePlan
- Electronic module/sub-assembly manufacturing and testing facility
- Repair facility up to board level

Key Achievements

- India's leading system integrator in drives & automation technologies
- Partnership with leading international companies
- Domain knowledge in core industry verticals
- Dedicated software and engineering resources
- Focused on international opportunities
- End to end turn key solutions provider
- Products (LnTEMS, LnTAS, 1600E I/O Modules) developed for specific applications

Financials

- Turnover of US \$ 2039 mn in FY 2002-2003 of L&T Ltd.

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Larsen & Toubro Ltd

Engineered Tooling Solutions

DESCRIPTION

- L&T Limited is India's leading engineering & construction conglomerate with a turnover of about US \$2 Billion
- L&T's ETS division produces some of the finest tools in industry with high precision, high quality & high reliability
- They cater to the industry's requirements right from tool engineering & design to manufacturing for a wide range of applications
- ETS offers the right solutions as per specification, on schedule and at par with the world class tools

Focus Areas

- Moulds
- Press tools
- Pressure die casting dies
- Precision machining
- Special purpose tools
- Jigs, fixtures & gauges

Infrastructure

- High end design/CAM software's (Pro-E, Unigraphics, etc)
- CAD/CAM integration
- High-end CNC machines
- Domain knowledge of four decades
- Highly experienced & trained personnel
- Concurrent working across boundaries is facilitated by seamless data exchange between product design, production engineering and tool room. Fibre optic network and advanced communication technology enhance capability of network with customers across geographical boundaries.

Key Achievements

- Import substitution for tools required in electrical & electronics industries
- Pioneers in making pressure die casting dies in India.
- Pioneered thermoset injection molding technology in India.
- Indigenised tools for floppy disk drive & hard disk drive
- Pioneers of carburetor tool making in India.

Product Lines

Design and manufacture high precision press tools, moulds, pressure die casting dies, jigs fixtures, gauges and other special tools for electrical, electronics and automobile industry.

Financials

- Turnover of US \$ 2039 Mn in FY 2002-2003 of L&T Ltd.

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Lonestar Industries

DESCRIPTION

- Lonestar industries, a leading engineering organisation based at Chennai
- It offers a wide range of metal expansion joints/bellows using proven design & latest manufacturing technology

Focus Areas

- It has successfully developed and supplied metal expansion joints/bellows for various applications which includes pipe lines, process ducts, turbines, heat exchangers, condensers, exhaust manifolds and other equipments

Key Achievements

- It is an ISO 9001 certified organisation

Infrastructure

- Lonestar uses latest softwares for designing metal expansion joints/bellows with guidelines from EJMA, ASME & other international standards
- It employs FEA procedure for critical pressure parts design
- It adopts "state-of-the-art" hydro forming, elastomeric forming and roll forming techniques to manufacture metal expansion bellows

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Mahindra Stiller Auto Trucks Ltd

DESCRIPTION

- It is a small scale industry specialised in designing and recommending material handling equipment to suit individual customer requirement

Focus Areas

- Drum lifter
- Pallet trucks
- Stackers
- Floor truck
- Forklift truck
- Diesel platform truck
- Battery platform truck
- Battery tow truck
- Hydraulic elevation table
- Golf carts
- Catering van
- Trolley
- Industrial lift

Key Achievements

- Designed diesel engine operated tow trucks for VSSC (Vikram Sarabhai Space Centre)
- Provided specially designed "stiller" hydraulic elevation table to ISRO
- Designed hydraulic Elevation table for BHEL
- Specially designed battery operated truck for TISCO

Infrastructure

- Mahindra Stiller has complete manufacturing, assembly and testing facility
- It has a team of engineers to attend to customer requirements

CONTACT DETAILS

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Mascot Office Systems Ltd

DESCRIPTION

- Mascot is manufacturer of small EPABX similar to real time system under the brand name of "DIAL-X"
- It is also the authorised dealers of Coral Telecom Limited, Usha Informatics, Beetel, GE, Panasonic Products

Focus Areas

- Mascot analog EPABX
- Mascot digital EPABX
- Panasonic key telephone systems
- Panasonic faxes
- Panasonic & beetel telephones
- Cordless phones
- Accessories
- Coral telecom digital systems

Infrastructure

- Mascot has qualified and trained manpower
- It has extensive dealer network in India and Nepal
- It's computerised operations allows it to attend to the customer 12 hour

Key Achievements

- Mascot has an impressive client list featuring individual users and the biggest corporate houses

CONTACT DETAILS

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Moser Baer India Ltd

DESCRIPTION

- Moser Baer is a dynamic Indian transnational developing cutting edge technologies for recordable optical media, constantly innovating and introducing new products and processes
- The company has an 11% share of the global recordable optical media market, making it the largest player in India and third largest in the world

Focus Areas

- Recordable Compact Disc(CD-R)
- Rewritable Compact Disc(CD-RW)
- Pre-Recorded Compact Disc/DVD
- Digital Versatile Disc (DVD-R)
- Rewritable Digital Versatile Disc (DVD-RW) in the optical media storage segment
- Compact cassette
- Micro floppy disks
- Digital audio tapes

Infrastructure

- Six state of art manufacturing facilities
- Stringent adherence to high quality standard with zero error mission
- Proprietary process technology & strict quality control process benchmarked with the industry standards confirming to the ANSI and ECMA standards
- Strong R&D facility
- Has 2 production units in Noida & a Corporation office in New Delhi with sales office across the country

Financials

- Turnover of US \$ 241 Mn in FY 2002-2003
- Net Profit of US \$ 53 Mn in FY 2002-2003
- Equity base of 48 million shares

Key Achievements

- Moser Baer is an ISO 9002 accredited organisation
- It is the largest player in India and third largest in the world in the recordable optical media market
- It is the preferred OEM suppliers to 10 of the top 12 global brands
- Over 80 per cent of Moser Baer's production is exported to 82 countries across six continents
- The company has strong tie-ups with all the major technology brands in the world

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Multi-Arc India Ltd

DESCRIPTION

- It is a nationwide supplier of thin film coating services and equipment
- Multi Arc is in the business of surface enhancement which is complimentary to the manufacturing/engineering industry and helps companies to reduce costs, increase productivity and life of different products
- The company caters to the modification of surface for wear prevention and provide services for enhancing aesthetic appearance

Focus Areas

Multi-Arc caters to modification of surface for:

- **Wear Prevention:** Serves companies engaged in the manufacture of tools, auto components, engineering, electrical, medical instruments, pharma etc
- **Aesthetics Appearance:** Caters to horological industry, hardware products, bathroom fittings, jewelry, writing instruments etc.

Infrastructure

- 3 coating centers at Pune, Umargam & Chennai.
- 4 PVD, 1 CVD, 2 PIN and 3 VHT Plants
- 17 sales office all over India

Key Achievements

- Pioneers in surface technology
- Indigenously developed PIN plant with the support from TDB-DST
- R&D recognised by DST
- 100 crores exchequers saving of gold for the nation
- Largest commercial Vacuum Heat Treatment (VHT) & Vacuum Brazing (VB) service provider
- An ISO 9001:2000 accredited company

Financials

- Turnover of US \$ 9.5 Mn for 18 months in March 2003

CONTACT DETAILS

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National Physical Laboratory

DESCRIPTION

- NPL, is one of the earliest national laboratories set up under the Council of Scientific & Industrial Research
- NPL is the custodian of the National Standards of Measurements. It is the apex body in the country for all national level calibration tests. It NPL undertakes calibration at the highest level of accuracy (Echelon I) in the country for various users such as Govt. depts., R&D institutes and public and private sector industries.
- NPL represents India as a member of the Steering Committee of the Asia Pacific Metrology Program.
- It focuses on physics based technologies and assists industries, national and other agencies in their developmental tasks by precision measurement, calibration, development of devices, processes, and other allied problems related to Physics
- Some of the clients of NPL are R&D Centre for bicycle & sewing m/c, Si Tarc, Coimbatore, Amil Pvt. Ltd, CMC Ltd, NTPC to name a few.

Focus Areas

- Measurement standards
- Material science
- Materials characterisation
- Radio and atmospheric science
- Super conductivity and cryogenics
- Provides consultancy services in the area of assistance in establishing accreditation laboratories, designing and fabrication of critical machine components, automation solutions in certain areas, interpretation and validation of test results and data, risk and hazard/environmental impact analysis, acoustic designing of halls, monitoring noise level, radio communication links, solutions to name a few

Key Achievements

- NPL has undertaken large number of collaborative projects with national and international agencies

Infrastructure

- It has large number of sophisticated equipments like atomic absorption spectrometers, inductively coupled plasma, scanning tunneling microscope, triple crystal x-ray diffractometer to name some
- It has over 300 scientists and technical officers

Clients

Some of the customers of NPL are Sabero Organics Gujrat Ltd, Central Board of Irrigation and Power, Bharat Aluminium Company Ltd, CMC Ltd and NTPC to name a few

CONTACT DETAILS

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NRB Bearings Ltd

DESCRIPTION

- NRB Bearings is a provider of world class bearing solutions to the Indian and global market
- It is a one stop shop for almost all bearing requirement
- Serves a number of industries ranging from textile automobile ancillary to commercial vehicles and passenger cars

Focus Areas

- Needle roller bearing
- Spherical bearing
- Ball tapered bearing
- Cylindrical roller bearing

Infrastructure

- NRB has five modern manufacturing facility
- It acquired Shriram Needle Bearing in June 2000
- Employs best machinery, superior quality raw material and latest technology
- Has extensive facilities for quality control and material testing
- Has a wide network of preferred distributors and zonal offices throughout the country
- Has an R&D setup in Thane for continuous improvements in bearing design and development of customised state of the art need based software

Key Achievements

- NRB has five modern manufacturing facility
- It acquired Shriram Needle Bearing in June 2000
- Employs best machinery, superior quality raw material and latest technology
- Has extensive facilities for quality control and material testing
- Has a wide network of preferred distributors and zonal offices throughout the country
- Has an R&D setup in Thane for continuous improvements in bearing design and development of customised state of the art need based software

Financials

- Turnover of US \$ 32.5 Mn in FY 2002-2003

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NTTF Industries Ltd

DESCRIPTION

- Promoted by renowned Nettur Technical Training Foundation NTTF with a history of over 4 decades specialises in industrial tooling, press tools, moulds, dies etc
- Today nttfil is known for high quality precision toolings, industrial components for automotive, electrical switches & controls for automotive OEMs
- NTTFIL is a 'Full Service Supplier' (FSS) from concept through supply of products and services

Focus Areas

- Design and manufacture of precision press tools, moulds, die-casting dies, jigs, fixtures and gauges, equipment and special purpose machines
- Manufacture of sheet metal pressed parts, injection molded parts
- Design, development and manufacture of auto electrical items
- Manufacture of sophisticated electronic assemblies and sub assemblies for consumer durables and electronic equipment
- Engineering service

Infrastructure

- Manufacturing facilities located at Bangalore and Vellore
- The Component Manufacturing Division (CMD) at NTTFIL has a full fledged
 - Press Shop with presses ranging from 5T to 315T
 - Moulding machines ranging from 30T to 180T for injection molding
 - Moulding machines ranging from 30T to 180T for compression molding
 - Tool room facilities includes CNC milling machines, CNC machining centre, CNC EDM, Wire cut and Jig boring /grinding
- Design and development of products in confirmation with international standards
- Has own reliability test rigs, CNC division, CAD/CAM/CAE facilities
- Latest moulding machines and press tools
- Developed dedicated ancillary unit where in all the assembly line know-how, equipment tooling and technical supervision and control are held

Key Achievements

- Recipient of prestigious 'Best Indigenous Technology' award in the year 1996 by ACMA
- An ISO 9001 accredited organisation

Clients

NTTFIL supplies tools to the Engineering and Automobile Industries in India like General Electric, BPL Ltd and Tata Power to name a few.

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Pratik Heat Products Pvt. Ltd.

DESCRIPTION

- Pratik Heat Products Pvt Ltd. is a privately owned second generation company ,one of the largest manufacturer and exporter of industrial heating elements
- Provider of total heating solution to various industries

Focus Areas

- Plastic industry
- Injection moulding
- Blow moulding
- Extrusions
- Packaging

Infrastructure

- 2500 sq ft factory
- State of art technology for manufacturing with computer aided designing facility
- In house developed CNC special purpose machines having higher productivity
- Computer aided engineering and efficient manufacturing process utilising the optimal design parameter ensuring delivery of trouble-free products to the end user as well as OEM

Key Achievements

- Only exporter and manufacturer of the hot runner moulds in India
- Exports heating equipments to 15 countries abroad including USA

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Pricol Technologies

DESCRIPTION

- It is a part of the Pricol group which is a Tier 1 automotive system supplier to most automotive OEMs in India
- Pricoltech offers a broad range of innovative design solutions and service offerings cutting across geographies and boundaries

Focus Areas

- Drafting and modelling service
- Product design & reverse engineering
- FEA service
- Rapid prototyping
- Tool design & manufacturing

Infrastructure

- Supply chain management backed by ERP/SAP
- Collaborative product commerce(CPC) developing wind chill(APTC Product)
- TPM & TQM practices for synergy
- Rapid prototyping techniques
- Inspection facilities comprising of profile projector, CMM, Spectrometer, Melt floe, Index tester, ASTM, DIN, BS, JIS
- Software resources comprising of Pro-engineer-2001, Unigraphics, AutoCAD, VP station, CIMATRON etc
- Provides CAD/CAM/CAE at competitive price

Key Achievements

- Awards by Government of India & reputed Indian/overseas companies for best performance
- No.1 in India in the field of instrument clusters with 52% market share
- ISO9001 and QS 9000 & ISO 14001certified company
- Exports to 50 countries abroad with major share going to Europe and USA

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DESCRIPTION

- Rolta is an Indian multinational well equipped to provide knowledge based software & IT-enabled services
- It is India's No.1 CAD/CAM/GIS solution provider and amongst the top geo-engineering software conversion service provider
- It is one of the top engineering software conversion and modeling service vendors and is fast emerging as an end-to-end ebusiness solutions and service provider.

Focus Areas

- Geospatial technology
- Plant design automation
- Mechanical design automation
- Product life management
- e-Business solutions & services
- Internet services

Infrastructure

- It has 2500 workstations, numerous servers, peripheral devices, a wide spectrum of software packages and tools, communication networks.
- Over 500000 sq feet of facilities worldwide
- Has 6000 man years of management experience 7 more than 17,500 man years of software/technical experience
- Has nationwide network of offices in India and subsidiaries in USA, UK, Germany, Canada, Dubai, Holland and Germany
- Has state of art facility to offer most technically competitive and cost effective project

Key Achievements

- Forbes Global ranked Rolta among 200 best companies in the world for the third consecutive year
- Ranked 7th among top 1000 corporates in India
- No.1 CAD/CAM/GIS solution provider
- Dataquest recently ranked it as the 6th employer in the IT industry reflecting the company's HR strength.
- 56th amongst the biggest wealth creators in India

Financials

- Net Profit of US \$ 25 million in the 18 months ended June 30, 2003.
- EVA as a percentage of net profits after tax was 45.19% in FY 2002-03
- The brand value was US \$ 273 Mn in FY 2002-2003

CONTACT DETAILS

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Clients

Major customers for Plant Design Automation in India includes Alstom Power, BHEL, EIL, Lurgi, Bechtel, Tata Chemicals, Toyo Engineering, Bayer and Mitsui, among others.

Internationally, the customer base includes Burn and McDonnell, Parsons Brincherhoff Power, USA; Shell Information Technology International, UK; Saudi Arabian Industrial Fibres (IBNRUSHD), Saudi Arabia; Equate Petrochemicals, Kuwait among others.

Major customers for Mechanical Design Automation services include L & T, Godrej, BHEL (all from India); Philips Medical Systems, The Netherlands; Rexroth, Germany; Applied Films, Germany; Magneti Marelli, Italy; F8 Matrijs, The Netherlands; Dynacast, USA

Rolta has more than 70% share of the GIS/Photogrammetry market in India. Its customer base includes most nodal agencies in India, such as Ministry of Defence, Forest Survey of India, Central water Commission, Indian Institute of Remote Sensing, Survey of India, Geological Survey of India, ONGC, and MTNL among others.

Global customers include US West, New England Power, Piedmont Natural Gas, Southern Bell Corporation, Greenville Utilities Commission, Bahrain Telecom, British Telecom, and Ordnance Survey in UK, Enerco Gas and MTNL in Asia-Pacific among others.

The Supreme Industries Ltd (Technology Centre)

DESCRIPTION

- Supreme Industries Ltd is India's dynamic fast growing conglomerate
- Leaders in plastic industry. They offer a wide range of products including moulded pipes, fittings, moulded furniture, cross lamination, crates etc
- The state-of-the-art technology centre is the largest mould development facility in India

Focus Areas

Mould making for:

- Automotive components
- Electronic appliance parts
- Air conditioner & refrigerator
- Moulded furniture
- Crates
- PVC pipe fitting
- Food service ware thermoforming tools
- Polystyrene

Infrastructure

- India's largest and most comprehensive moulding capacity
- Gas assisted injection moulding facility
- State of art plants offering best moulding facility
- Array of moulding machines with locking tonnage ranging from 80-2250T equipped to handle most challenging projects
- Powerful 3D software, CNC machine, CAD system
- New generation mould flow analysis system from Australia
- Extensive post-moulding facilities like ultrasonic welding, hot stamping, spray painting, continuous vapour finishing and screen printing

Financials

- Turnover in FY 2002-2003 was US \$1.12 Mn

Key Achievements

- First tool-room making plastic injection moulds in 1994
- First tool-room to make moulds by reverse engineering
- Producer of first mono block chain mould in India on turnkey basis
- First to make bottle gate moulds for giants like Pepsi & Coke
- First manufacturer of blowing coil for PVC SWR fitting
- First plastic company to obtain ISO-9002 certification

Clients

The centre has developed moulds for some of the best known Indian and multinational companies in the electronic appliances, consumer durables and automobile industries. Some of the companies are TELCO, Maruti Udyog, GMI Ltd, Bajaj Motors, Kinetic Engineering, Philips, Videocon, Electrolux, Whirlpool, Amtrex and Carrier Aircon, Coca Cola and Pepsi.

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Secure Meters Ltd

DESCRIPTION

- Secure Meters is the leading manufacturer and exporter of energy meters
- SML has a strategic alliance globally with PRI, UK to form the "entity consortium"
- Pioneered concept of a systems approach to metering

Focus Areas

- Metering solution
- Testing and calibrating equipment
- Providing software solutions for online monitoring
- Involved in marketing world class test and measuring instruments from global giants like Radio Micro Devices Plc, U K, Electric GmbH

Infrastructure

- Well established national network of 15 sales office with 400 employees
- Laboratory of international standard to facilitate research and manned by 90 engineers.
- State of art technology for manufacturing process
- Manufactures meters with CALMU technology
- Factories in Udaipur and Himachal Pradesh
- Marketing alliance with Germany, Australia, France, UK

Key Achievements

- First company to get BIS license for polyphase LT/HT 3 phase 4 wire static meter
- Largest exporter of meter products in India and accorded status of export house
- Its Laboratory is the first NABL & UKAS accredited lab in India
- Award for R&D by Ministry of Science and Technology.
- It is an ISO 9001 certified company

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Shyam Telecom Limited

DESCRIPTION

- Shyam Telecom is one of India's leading manufacturer of Telecom Transmission Equipment
- It manufactures Telecom Transmission Equipment including GSM and CDMA repeaters of various types, DECT based WLL systems billing and customer care systems

Focus Areas

- RF and optical repeaters
- Distributed antenna system
- In building systems
- Telecompass

Infrastructure

- Shyam's R&D Laboratory is fully recognized by Department of Science and Technology
- R&D wing is well-equipped with latest and sophisticated testing equipment, CAD/CAM for design and assembly work
- Team of highly qualified engineer

Financials

- Turnover of US \$ 45 Mn in FY 2002-2003

Key Achievements

- Shyam has introduced several indigenous products in the market. These include:
 - Single Channel VHF/UHF radio telephone system
 - Multi access rural radio telephone system
 - 10/20/30/120 channel digital microwave radio
 - Primary channel multiplexer
 - Power alarm monitoring system
 - VSAT
 - Remote energy metering system
 - Optical line termination system
 - SCADA
 - DECT based WLL system
 - Various types of GSM and CDMA repeaters for cellular and fixed line operators
- Recipient of several awards including 1997 national award for outstanding achievements in the area of electronics and telecom

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Systemantics India Ltd

DESCRIPTION

- Systemantics designs, manufactures and markets factory automation components and systems

Focus Areas

- Automation
- Robotics
- Servo controllers
- Embedded controllers

Infrastructure

- A team of qualified and experienced engineers to execute projects

Key Achievements

- Systemantics is a young organisation and in a short period of time they have completed the following projects:
 - Walking machine for steam
 - Generator inspection
 - Underwater robotic arm
 - Low-cost pick and place robotic arm

Financials

- Systemantics is a privately held with personal and angel investment so they do not publish financial data

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