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The Aerospace and Defence Opportunity for “Make in India and Tamil Nadu”

India is fast emerging as one of the top 5 defence buyers in the world and with over USD 150bn worth of planned defence purchases over the next decade and a half, the global aerospace and defence manufacturers are eyeing the Indian market. India has mostly depended on international supplier for its defence needs while the Defence PSUs in India mostly manufactured less technically advanced products and supplies for the defence forces. Today India imports about 70% of the defence products while DPSUs and local private companies meet 30% of its needs. The current government has set a target to reverse that over the next 10-15 years – this means the domestic manufacturing will have to grow to support that vision. Here lies the opportunity. The government is also making many policy changes to facilitate the same through the Defence Purchase Policy, Defence Production Policy, Offsets Management and many other policy tools.

The state of Tamil Nadu is traditional known as a manufacturing powerhouse for India and 2nd in its contribution to Nation’s GDP. Tamil Nadu is home to many global automotive OEMs and thus gets the name “Detroit of South Asia”. With its vast network of 540+ engineering colleges, IIT Madras and NIT Tiruchirapalli produce the largest number of engineering graduates in the country. With its conservative outlook and manufacturing focus, Tamil Nadu naturally lends itself to any new industry.



There are over 150 small and medium scale Defence and Aerospace manufacturers in Tamil Nadu who supply to ISRO, DRDO, DPSUs and some to even global manufacturers. With the announcement of the first Defence Corridor in Tamil Nadu, it is poised to grow the ecosystem very rapidly. The Indian government has set some Big Hairy Audacious Goals – USD 25bn in domestic manufacturing from current USD 10bn, USD 5 bn of export revenue in less than 5 years and transforming from “Make In India” to “Made In India”. These needs to be followed up with policy environments that supports this, Industry needs to be nurtured, finance access needs to be improved and Defence must be seen as an industry. Time is now to take advantage of this visionary drive from the government and grow the manufacturing sector, in particular the Aerospace and Defence sector, in India.

The main challenge is the mindset and discipline that is required to be successful in the Aerospace and Defence industry. Entering this space required a long-term mindset with focus on very high quality in products/services and testing/validation as per user specifications. One needs a lot of passion to survive in this industry due to its long gestation period. Many auto companies that want to enter this space will need to recalibrate their expectations. Of course there is higher margin than auto industry.

The next 10+ years will be very interesting for global OEMs and defence/aerospace product makers as Indian aviation and defence needs grow more aggressively. It is an opportunity waiting to be taken advantage of Athmanirabharat.



Aerospace Industry Development Association of Tamil Nadu (AIDAT)

AIDAT was formed in early 2016 to promote and develop the Aerospace and Defence industry ecosystem in Tamil Nadu. This is led by a group of industry veterans who have many years of experience in the Aerospace and Defence Industry in India and abroad.

The focus of the association is to engage with multiple stakeholders in the community across the world to bring business opportunities for the current and future A & D industries in Tamil Nadu. The objective is to make Tamil Nadu as a premier destination for domestic and global manufacturers of A & D products.

Tamil Nadu is already a hub for automotive design and manufacturing, “Detroit of South Asia”, with many OEMs setting up manufacturing units near Chennai, Tamil Nadu. AIDAT engages with automotive industry veterans who want to enter the growing A & D industry and become leaders.

AIDAT works to create an end-to-end ecosystem for Aerospace and Defence sector development, covering design, engineering and manufacturing for the civil and defence sector.

AIDAT like many other associations, works with the government to make changes to policies that facilitate the growth in this particular sector. We work with government in promoting the new initiatives such as the Chennai Aerospace Park. We work with the Tamil Nadu government in framing the Aerospace and Defence Manufacturing Policy document. We are working with the Central government MSME department in setting up a Technology System Center in Chennai with an investment of over Rs.150 Crore with special focus on Aerospace, Defence sectors which will provide access to high capital infrastructure, testing/validation facilities for the MSME sector.

AIDAT – association by the members of the A & D supplier base in Tamil Nadu, aims at promoting the A & D sector by working with the supplier base (both existing and new), the state government, and the academic and training institutions to create the necessary infrastructure, skill base, certification, quality standards and create new opportunities through promotion of the state as a preferred destination in India for global A & D OEMs. As a start, one of the initiatives is the development of “Chennai Aero Park” near Sriperumbadur on a 250 acres land area (with expansion to 600 acres), which will house manufacturing, design and engineering companies in this Aero Park. The Tamil Nadu government is very keen on promoting the A & D industry and is looking to develop the same via cluster approach by setting up manufacturing and MRO clusters across the state. A new aerospace and Defence Industrial policy, in collaboration with the industry, was announced in November 2022, and is expected to boost Aerospace and Defence investment and industry development in the state. AIDAT promotes Industry ecosystem through networking events, B2B meetings, and site visits among others. We conduct networking events for the members to increase business development. We organize inbound and outbound delegations to USA, Australia, Singapore, Germany, UK, France and other countries through the respective trade organizations.

AIDAT - VISION



The Aerospace Industry Development Association of Tamil Nadu (AIDAT) works to create an end to end ecosystem development covering design, engineering, manufacturing and maintenance for the Aerospace and Defence sector



AIDAT - MISSION

- Position Tamil Nadu as the hub for A&D Industry in India in the areas of design, development, manufacturing and support.
- Continue to work with Tamil Nadu government on the Tamil Nadu Aerospace and Defence Industrial Policy related issues.
- Create an end-to-end ecosystem for A&D sector in Tamil Nadu.
- Attract investments in A&D sector to the tune of USD 5B in 5 years and USD10B in 10 years.
- To generate employment opportunities for about 1 Lakh people in 10 years.
- Tap TN's inherent strengths in automotive manufacturing sector to A&D.
- Attract global OEMs and Tier 1/2 suppliers and Indian majors as anchor units in the state.
- Create comprehensive projects to be implemented in the state to achieve the above objectives.



Current office Bearers



Dr. S. Christopher
Chairman
Mobile: 9599663320
Email: chairman@aidat.in



Mr. N Ramachandran
President
Mobile : 9500123261
Email: president@aidat.in



Mr. Subramoni PH
Vice- President
Mobile : 9940130114
Email: vice-president2@aidat.in



Mr. Franklin Dathy
Secretary
Mobile : 9894842487
Email: secretary@aidat.in



Mr. Sai Pattibiraman
Join Secretary
Mobile : 8939314680
Email: jointsecretary2@aidat.in



Mr. Shankar G
Vice-President
Mobile : 9840892441
Email: vice-president@aidat.in



Mr. A. Govindarajan
Treasurer
Mobil : 7358379500
Email: treasurer@aidat.in

Office Administration



Mr. Saravanan
Office Administration
Mobil : 9629839950
Email: ea@aidat.in



Mr. S. Santhosh Kumaran
Technical Assistant
Mobile : 9944799054
Email: techi@aidat.in

AIDAT Members

Executive Committee Members



Mr. N. Sekhar
Immediate Past
President



Mr. K. Saravana Sundaram
Joint Managing Director
Roots Industries
Limited



Cdr. Bhaskar
CEO
Tunga Services
Pvt Ltd



Mr. Krishna Kumar N
President
LMW Advanced
Technology Centre &
Foundry divisions



Mrs. Meena Goel
Business Development
Polyhose India
Pvt Ltd



Mr. Srinath Ravichandran
Founder
AgniKul Cosmos



Mr. Sundaram
Managing Director
Aerospace Engineers
Pvt Ltd

Regional Representatives



Dr. K. Sundarraj
HOD - Aerospace Dept
Kumaraguru College
of Technology
Coimbatore region



Mr. G. Murali Babu
CEO
Micro Tech CNS
Hosur Region



**Mr. Veteran Wing
Commander
M Jeyakumar**
Chairman & Managing Director
nRoots Technologies
Trichy region

Advisory Committee Members



**Rear Admiral
V Mohan Doss (Retd)**
Former Assistant
Chief of Naval Staff
(Air Materiel)



**Air Marshal
Sukumar (Retd)**
Former Deputy
Chief of Air Staff



Dr. P Sivakumar
Former Director – CVRDE

AIDAT Members

Patron Members



Corporate Members



AARATHI INDUSTRIES
Specialist in Silver, Copper, Tin Plating



ABI-SHOWATECH

ACOUSTICS
INDIA



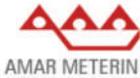
Aerospace Engineers Private Limited
Beyond The Horizon



GNIRKUL



AIR WORKS
Fly. Assist. Fly.



AMAR METERIN



AMOS



Avalon
manufacturing your success



Aatral
Innovation. To be a First.



BALAA WORKS



CIRCOR



COUNTER MEASURES



Crescent
Innovation Incubation Council
(A Not-for-Profit Company Under Companies Act 2013)



DATA PATTERNS



MODULUS HOUSING



D-ESPAT PRIVATE LIMITED



DUMS



DKI



Aero360



ELEKTRONIKLAB
SKY IS NOT THE LIMIT



Elmack Engg Services
Partnering Your Success



EQuad



fabheads



GALAXOY



GAYATHI



HILD DEFENCE & AEROSPACE



HEB



HINDUSTAN GROUP OF INSTITUTIONS CHENNAI



HPDV
Health Protection



INDOCOL Moulding the future



ieiapl



JANATICS



JAYASURIYA AERO PRIVATE LIMITED



Jeanuvs



KUN AEROSPACE PVT. LTD.
Precision. Passion.



KPC



KUN AEROSPACE PVT. LTD.
Precision. Passion.



Lucas TVS
DRIVEN TO EXCELLENCE



MHT
OFFSHORE | MARINE | HEAVY LIFT

Contd...

Corporate Members



Rivastrom Platemers Limited



THE
ePLANE
CO.



VINEESH MACHINE TOOLS



India





AAKASH AEROSPACE PVT LTD

The Company:

Aakash Aerospace is one of the fast-emerging drone manufacturers in India, dedicated to supplying worldwide to transform the field of aerial technology and robotic innovation. We aim to be a dependable partner in the advancement of technology, supporting sustainability, and enhancing operational efficiency, all while upholding the highest standards of integrity and excellence with ethical principles.

Products & Services:

Drone Manufacturing

Turnover: -

Focus Industry:

Aerospace

Corporate Address

AAKASH AEROSPACE PVT LTD
157/2, PUDHUPALAYAM, Mullampatty,
PO, Nasiyanur, Perundurai,
Tamil Nadu - 638107.

Business Contact:

Sabharinath

Contact no: 9994053640

Email: saravanan@akashaerospace.com



AARTHI ANODIZING INDIA PRIVATE LIMITED

The Company:

Aarthi Anodizing India Private Limited Doing Anodizing of Aluminium as per MIL Standards and Quality Certified As 9100D, Zed Bronze & ISO 9001:2015 With a 18 year Experience In the All Kind Of Plating having 3 Branch in Chennai.

Product & Service:

Anodizing , Chromatation , Cadmium Plating, Passivation, Silver Plating on Aluminium & Stainless Steel, Tin Plaing on Zinc Zamak & Aluminium, Electroless Nickel on Aluminium, Electro polishing .

Turnover: INR 4 crores

Focus Industry: Aerospace

Corporate Address

AARTHI ANODIZING INDIA PRAVATE LIMITED
71 Navalur Main Road, Vellerithangal Village,
Near Hiet Collage, Padpappai, 601301.

Business Contact:

K. Bhaskaran
Contact no: 9444074727
Email: aarthianodizing@gmail.com

ABI SHOWATECH (INDIA) PRIVATE LIMITED

The Company:

ABI is an investment casting and machining specialist in India with decades of deep experience in development of precision & safety critical parts for global auto industry. ABI has the capability to cast parts with Equiaxed, Directionally Solidified, Single crystal and Fine grain structure in alloys of all grades of vacuum cast. Primarily, the company is focused on development of components for hot section blades, stationary vanes, fine grain wheels, shroud segments, radial/axial nozzles and structural turbo machinery components. ABI offers NADCAP approved special processes such as HIP, FPI, X-ray, Etching, Heat treatment and Welding along with infrastructure & expertise to produce complex Ceramic cores. ABI's industry accreditations include AS 9100-RevD, IATF-16949, ISO-14001:2015, ISO 45001:2018 & NADCAP.

Facilities include: Tool room, wax 3D Printing, alloy-making unit, ceramic core manufacturing; Design software (ProE/CAD/MAGMA); Laboratories & advanced testing facilities for Metallurgical, Mechanical & Metrology investigations; and End-to-end automated traceability & reporting system.

Products & Services: Automobile & Aerospace component manufacturing

Turnover: N/A

Focus Industry: Aerospace

Corporate Address

ABI SHOWATECH (INDIA) PRIVATE LIMITED,
67, Chamiers Road, Chennai 600 028, India

Business Contact:

Senthilvel

Contact no: 9047010526

Email: sundaram.ms@abishowatech.co.in

ACOUSTICS INDIA PRIVATE LIMITED

The Company:

We, Acoustics India Private Limited founded in the year 1988 is an Engineering and Manufacturing Company specialized in wide range of products which are being supplied to Domestic and Global markets in Nuclear, Defense, Aerospace, Oil, Gas, Steel, Power, Fertilizer, Minerals, Petrochemicals, Refineries, Railway, Automobile sectors etc.

Products & Services:

1. Process Equipments such as Pressure Vessels, Heat Exchangers, Storage Tanks, Columns, Separators.
2. Skid Mounted Packages
3. Industrial Noise Control Products
4. E-House, BESS Containers
5. Heavy Fabrication with Machining
6. Large Size Fabricated Valves and Components including Cast & Forged Steel Welded Valves
7. Intake and Exhaust Systems for Gas Turbines, Compressors, Blowers etc.
8. Test Facilities for Compressors, Motors, Engines, Wind Tunnel including Mobile Test Units for Air-Craft Engines
9. Intake and Exhaust Systems for Gas Turbines, Compressors, Blowers etc.
10. Desalination and Water Treatment Plants and Equipments.

Turnover: 74 Crores

Focus Industry: Aerospace

Corporate Address

ACOUSTICS INDIA PRIVATE LIMITED,
377, Raja ram salai, K.K.Nagar,
Trichy-620021, Tamil Nadu, India

Business Contact:

G HariKumar
Contact no: 8220043470
Email: bd@acousticsind.com



ADAMS ENGINEERING PROJECTS PVT LTD

The Company:

Founded in April 1995, we are a young Dynamic Company addressing Test-based solutions for Noise, Vibration and durability Engineering. Critical to our mission is sensitivity to our customer's preferences for seeking Total Solutions, which implies that customers can source Vibration exciters, Sensors, Data Acquisition units, Recorders and Analysis Software, all from us. Our approach is to co-develop new products together with our Key customers, Software partners and Hardware suppliers.

Provides Engineering Services to leading defence, Automotive, White goods and Mechanical Industries in troubleshooting and design refinement projects, engineering innovative products and optimizing their development processes.

Products & Services:

Supply Sales Marketing, Installation, Servicing And Maintenance Of NVH Test And Measurement Systems.

Turnover: -NA

Focus Industry: Automotive

Corporate Address

ADAMS ENGINEERING PROJECTS PVT LTD
27, 2nd Floor, Lakshmanan street,
Mahalingapuram, Chennai – 600 034

Business Contact:

S.J.RAMESH KUMAR
Contact no: 7397766582
Email: ramesh@adamsengg.com



**Aerospace Engineers
Private Limited™**
Beyond The Horizon

AEROSPACE ENGINEERS PVT LTD

The Company:

Aerospace Engineers Pvt. Ltd., (AEPL) is into the Development & Manufacturing of High Precision Detail Parts (Rubber, Composite, Metallic & Non-metallic), Assembly of subsystems, Components for Actuators, Sheet Metal Assemblies, Mechanical assemblies & Composite Structures, UAVs, LRUs, Testing & MRO. We are delighted to inform you that M/s. AEPL has acquired the existing manufacturing facilities of M/s. Taneja Aerospace and Aviation Limited, (TAAL) Hosur as Unit-III for Manufacturing of Sheet Metal Assemblies, Mechanical assemblies & Composite Structures. More than 15000 metallic & non-metallic parts have been developed by AEPL indigenously and approved by RCMA for which LTTC and Type approvals are available with AEPL. More than 122 types of rubber compound tailored to customer needs and approval received.

Products & Services: Structural Components, Aviation Engine Components, Gaskets, Thermal Boots, rings, Fuel Hoses, Rubber pads, bellows, rotary shaft seals, Canopy Inflatable seal, Metal bonded seals, fire proof seals, hoses and gaskets, Fabric reinforced parts, Oxygen hoses, Cowling Assembly, Hydraulic Hose Assembly, Lubrication Oil pump, Jet Pumps, Piston insert, Tailcone Assy., Mask hose assembly, Roller Lifter assembly, Rear Fin assembly, Fuel filter, Thrust Vector control, Reaction control unit, Inter tank structure, Rubber bonded clamps, Fabric reinforced cushion clamps, Saddle clamps, Cable block clamps, Metallic clamps, Composite moulded components, Igniter assembly, Composite nozzle cover, Booster Nozzle Conver. 107 parts have been approved by PRI Fluid Distribution system and AEPL is listed in Qualified Product List (QPL) for G-3 Fittings, hoses, titanium tubing, couplings. AEPL is accredited with PRI Qualified Manufacturer List (QML) for fittings and other machined components. AEPL qualified for BAC5071 specification and listed in Boeing Qualified Product List.

Turnover: N/A

Focus Industry: Aerospace

Corporate Address

AEROSPACE ENGINEERS PVT LTD

The Salem Aeropark, NH-7 Ammapalayam Village,
Mallur, Salem-636203,
Tamil Nadu, India

Business Contact:

Sundaram

Founder & Managing Director
Contact no: 9443222805

Email: md@thesalemaeropark.com

AGNIKUL COSMOS PRIVATE LIMITED

The Company:

At Agnikul, we are building orbital class launch vehicles (rockets) that take 100 kgs to Low Earth Orbit, on-demand. Our vehicles are driven by single piece, 3d printed, semi-cryogenic engines that are run by electric motor driven pumps. Agnikul was incorporated in Chennai in December 2017 and is an IIT Madras incubated startup. Agnikul has a fully owned subsidiary in Trivandrum as well. Agnikul has raised ~\$4M of funding over 2 rounds of funding from reputed institutional investors and is a part of Airbus' accelerator program. We are guided by several retired ISRO Scientists and academia in our journey and we operate out of the National Center for Combustion R&D within IIT Madras, where we have also built our engine and tank testing facilities. For general questions, please contact : curious@agnikul.in

Products & Services:

Our first product is a 2 stage vehicle, Agnibaan – that is capable to taking 100 kgs to 700 km low earth orbits. Agnibaan is driven by 7 electric pump fed, semi-cryogenic engines in its first stage and a single engine of the same kind in its second stage. This technology complements the current rocket engine technology currently in existence in India. Agnibaan is a fully configurable vehicle and can be tailored to match customer requirements. It is built to be launched from multiple launchports across the world based on whatever suits the mission's needs. It can be built and launched within a 2 week time frame. For per kg costing, please contact us at payloadpeople@agnikul.in

No. of Manufacturing unit(s): 24 vehicles a year planned.

Certifications & Accreditations: MSME Registration

Focus Industry: Aerospace

Agnikul Cosmos Private Limited

3rd floor, NCCRD, IIT Madras, Chennai 600036.

For Communication

Srinath Ravichandran

Co Founder & CEO

Contact No : +91- 99625 07524

Email :srinath@agnikul.in



AGR LOGISTICS PVT LTD., Commitment Delivered

We have over 3 decades of Expertise in the Logistics Industry and specialize in AOG, MRO and to the Defence sectors to fulfill their logistics needs.

- ✦ 24x7/365 support for All AOG services
- ✦ Imports - Exports - Custom Clearance Warehousing - Bonding - FTWZ Transportation - Courier Services - Specific Services Requirements.
- ✦ Regional / International Air & Sea freight & Courier Services.
On board courier service (hand carry) for urgent items.
- ✦ AOG Services - Aircargo - Aircraft Charter - Air Ambulance
OEM Support for Parts Storage Distribution - Ground Handling - Crew Immigration Services - DGCA Approvals - MRO Support Services Agency & Representation Services
- ✦ Please call us for



**on your Annual
Logistics cost**



A. Govindarajan
Managing Director & CEO



E-mail : agr@agrlogistics.in / rn@agrlogistics.in

Call: +91 73583 79500 / 73583 79501

www.agrlogistics.in



AGR LOGISTICS PRIVATE LIMITED

The Company:

We are Door to Door logistics Service Company started in 2017 with promoters with more than 25 years' experience in the domain with license granted by Government of India, Ministry of Finance in 2017. We handle aerospace components from nuts and bolts to aircraft engines, critical parts including dangerous and classified cargo from anywhere in the world to India with the support of trusted partners throughout the globe. We strive to honour commitment in delivering the cargo on time, every time.

Products & Services:

Door to Door logistics services, Custom broking, International Airfreight and Ocean freight management and domestic transportation.

Focus Industry: Aerospace

Turnover: 6.8 crore

Corporate Address

AGR LOGISTICS PRIVATE LIMITED
66G, Second Floor, 6th Street, Thiruvalluvar Nagar,
Alandur, Chennai 600016

Business Contact:

A.Govindarajan
Contact no: +91 7358379500
Email: agr@agrlogistics.in



AIR WORKS

The Company:

A CAR 145 organization, Air Works Group is India's largest and most diversified, independent aviation and aerospace services provider with a presence in 28 cities, including major metros such as Delhi, Mumbai, Bengaluru, Kochi, Hyderabad, Kolkata, and Chennai. The Company is a preferred MRO partner for Original Equipment Manufacturers (OEMs), Aircraft Owners/ Operators (including fixed-wing & rotary-wing), Lessors, Airlines, and the Indian Defense Services.

Established in 1951, Air Works Group has completed seven illustrious decades of service to the nation and the Indian aviation sector. As a pioneer, it has contributed significantly in shaping Indian aviation and indigenizing aviation maintenance, maturing in sync with the industry. In the process, the Company has come to be widely regarded as an institution and a trusted partner for customers from both Civil Aviation (commercial & business) and the Defense services.

Products & Service:

Base maintenance, Line maintenance, Integrated maintenance, Livery & Painting, Avionics, CAMO, Component & spares, Asset management, Calibration, Maintenance training.

Turnover: N/A

Focus Industry: Aerospace

Corporate Address

AIR WORKS
Plot no: 40, sector 18, Gurgaon
Haryana-122015, India

Business Contact:

Gaurav Sahni
Contact no: +91 9810049920
Email: gaurav.sahni@airworks.in



ALFA RUBBER & SPRINGS PRIVATE LIMITED

The Company:

: We at Alfa Rubber produce quality automotive and engineering rubber products using modern technology and machines. We manufacture critical rubber components as per drawings and specifications of our customers. We also manufacture foam and felt components for NVH applications. Supplies made to OEMS, Tier-I and Tier-II Vendors. We are IATFA 16949 and ISO 9001 certified.

Products & Service:

RUBBER PARTS, FOAM AND FELT PARTS

Turn over: INR 13 crore

Focus Industry: Automotive

Corporate Address

ALFA RUBBER & SPRINGS PRIVATE LIMITED
Sipcot Industrial Complex A-13/a,
Gummidipoondi, Tamil Nadu 601201

Business Contact:

Srikanth Krishnamurthy
Contact no: +91 9840155510
Email: srikanth@alfarubber.com



AMAR METERIN

AMAR METERING PUMPS

The Company:

AMAR METERING PUMPS was established in the year 1974. Starting as a Small Scale industry manufacturing constant delivery pump, we are now a technology driven firm supplying critical equipment to the Ordnance Factories in India for their production of Battle Tanks. All Assembly supply to the Defence Factories are import substitutes.

Products & Service:

Gear Pumps & Oil Pumps

Turnover: 5.5Cr

Focus Industry: Aerospace

Corporate Address

AMAR METERING PUMPS

Sfno 543/1, Donbosco Puram, Saravanampatti,
Coimbatore, Tamil Nadu 641035

Business Contact:

Anand Raghavan

Contact no: +91 87548-05333

Email: amarmeteringpumps@ymail.com



AMBATTUR INDUSTRIAL ESTATE MANUFACTURE'S ASSOCIATION

The Company:

The Association:

AIEMA is one of the oldest Associations in TamilNadu with a strong strength of 800 odd Members engaged in various manufacturing activities in Aerospace, Defence, Automotive, Railways etc.

Products & Service: Manufacturing of components and SubAssemblies in Aerospace, Defence equipment's , Automotive and Railways sectors Services including all kinds of surface Treatment and Metal Finishing.

Turn over: N/A

Focus Industry: Automotive, Aerospace, Process industry, Railways

Corporate Address

Ambattur Industrial Estate Manufacture's Association,
Aiema Road, Ambattur Industrial Estate,
Chennai -58

Business Contact:

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Contact no: +91 9840023659
Email : mail@aiema.net



AUTOMICROUAS AEROTECH PVT LTD

The Company:

The Company: The AMOS Ecosystem, We wear a veil when we describe ourselves as a start-up that was born in 2015, as we have been in this industry since 1999. Even though it sounded like an invention from The Back to the Future then, it was a shared dream of our team and that's what we started working towards when we established AMOS in 2015, making it the first woman led drone company in India. Having a dynamic team, incorporating retired officers from The Indian Air Force, graduates from some of the best business schools in India and a few very talented engineers who can gather and understand the magnitude of our imagination makes us give birth to such unique ideas that we even surprise ourselves a lot of times. The company has ventured into: DRONES EXPERIENCED ON THE FRONTLINES .Our foundation lies in the harshest of conditions, where thinking on the spot and ingenuity are the key components. DRONES AS DRONE A SERVICE SOFTWARE A HARDWORKING FAMILY Our employees empower us but we also believe in creating bonds and expanding our family. This talented family has gotten us to where we are today. DRONE TRAINING SUPPORTING GROWTH FOR ALL. Our growth is imperative to us, but building solutions for the growth of everyone towards a better future is a key factor to our success.

Products & Services: Drone production, services and training

Turnover: 2-5 Cr

Focus Industry: Aerospace

Corporate Address

AUTOMICROUAS AEROTECH PVT LTD
Puthean Arcade, Room no -5/1,
Building no 16/370M, Group Capt.
Neeleeswaram P.O, Kalady, Kerala 683574

Business Contact:

MJ Augustine Vinod VSM(Retd)
Contact no: +91 9618676835
Email: contact@automicrouas.com

AVALON TECHNOLOGIES LTD

The Company:

We are one of the leading fully integrated Electronic Manufacturing Services (“EMS”) companies with end-to-end capabilities in delivering box build solutions in India with a focus on high value precision engineered products.

Products & Services: Our capabilities include PCB design and assembly, cable assembly and wire harnesses, sheet metal fabrication and machining, magnetics, injection moulded plastics and end-to-end box build of electronic systems.

Turn over: INR 850 Crores (Group Turnover)

Focus Industry: Clean Energy, Mobility, Industrial, Communication and others

Corporate Address

AVALON TECHNOLOGIES LTD
B7 & B8, 1st Main Rd, Tambaram,
Bicha
MEPZ-SEZ, Chennai, Tamil Nadu 600045

Business Contact:

SHAMIL .B
Founder & Managing Director
Contact no: 9841090550
Email: shamilb@avalontec.com



AVIRONIX PRIVATE LIMITED

The Company:

Avironix is a Drone Manufacturer & Solution Providing company, we developed a spectrum of drones where we have a Comprehensive expertise in Drone Design & Development from Concept to Design, Manufacturing and Testing. Avironix has state-of-the-art Aerospace Metallic and Composite Manufacturing and Autonomous System Lab and Testing facilities. Capability to carry out Drone based solutions - Data Acquisition and Processing Capability. Our Focused R & D facility for continuous products and process development. Significant global experience of Co-development of our Drones for Indo Korea & Indo Spain bilateral projects for Contemporary Technology assimilation. Our product ranges are small, medium, and larger drones. A blended team of Experienced Aerospace Professional and youth.

Products & Services:

Our products are Peregrine (Endurance: upto 60 mins & Payload: upto 3 kg), Condor (Endurance: upto 30 mins & Payload: upto 16 kg), Godwit (Endurance: upto 120 mins & Payload: upto 3 kg), Hawk (Endurance: upto 25 mins & Payload: up to 4 kg) & Sparrow (Endurance: up to 20 mins & Payload: up to 0.3 kg), we are expertise in customizations of drones based on customer requirements. Which serves Agriculture, Energy: Solar & Wind Farms, Mining, Law Enforcement, Disaster Management & Defence Sectors, etc.

Turnover: N/A

Focus Industry: Aerospace

Corporate Address

AVIRONIX PRIVATE LIMITED
E-9-el2, Industrial Complex, maraimalai Nagar,
Tharik,
Chengalpattu Tamil Nadu 603209 India

Business Contact:

Mohammed Thariq
Business head
Contact no: 9940166769
Email: info@avironix.com



BALA AATRAL SOLUTIONS PRIVATE LIMITED

The Company:

Aatral is a Chennai based XR start-up. As a deep tech XR company Aatral provides industrial safety VR training, Aerospace safety, Airplane maintenance AR, VR applications and industry 4.0 solutions.

Aatral is a three times winner of Innovation for defence Excellence (IDEX) Projects in DISC Round 5 and DISC round 6. Aatral works with all three-armed forces services on AI, Virtual Reality and Augmented Reality simulation, and training solutions as

Mentioned below:

1. AR VR based sortie Preparation aid for Helicopter pilots with Indian Army.
2. Infusion of AR VR tools for aircraft technicians for the Indian Air force.
3. Development of AR and AI Based virtual Assistant (A2VA) for technician on board ship for the Indian Navy. Aatral's Safetizen Virtual reality training platform is used by prominent power, Oil and gas and heavy manufacturing industries. Aatral's process training is deployed at top automotive companies for training their work force on assembly lines procedures.

Products & Services: Industrial Safety training Platform, I4.0, metaverse solutions

Turnover: Young growth company

Focus Industry: Aerospace

Corporate Address

BALA AATRAL SOLUTIONS PRIVATE LIMITED
3/ 233, Padma Vilas, Manapakakam main road,
Partha sarathi Nagar, Manapakakam,
Chennai 600125

Business Contact:

Premanand Balachandran
Contact: 8939014824
Email: prem@aatral.io



BALAA WORKS

BALAA WORKS

The Company:

- Established 1984
- Metal finishing industry
- One million dollars per annum
- 55 employees
- 46,000 Sq.ft land area
- 26,000 Sq.ft built-up area

Processes available:

Aerospace

- Chromic anodizing
- Sulphuric anodizing
- Hard anodizing
- Teflon
- Chemical Conversion
- Colour anodizing
- Passivation

Non-Aerospace

- Sulphuric anodizing
- Hard anodizing
- Electro polishing
- Chemical Conversion
- Colour anodizing
- Passivation

Products & Services:

Aerospace, Automotive, Process Industry, Railways

Certifications & Accreditations:

ISO, AS9100, ISO14001 & Nadcap (Chemical Process)

Balaa Works

No.2, Sri Ambal Nagar, 8th Street,
Keelkattalai, Chennai 600 117, India

Business Contact:

R. Rajagopalan

Contact: +91 7305242412

Email: balaawrk@gmail.com



OUR PRODUCT RANGE FOR THE AEROSPACE & DEFENCE INDUSTRY

ADVANCED CERAMICS

- Personal Armours
- Vehicle Armours
- Ceramic reinforced metal matrix composites
- Ceramics for missiles
- Ceramic substrates for avionics
- Ceramics for sensors
- Ceramics for satellites
- Microwave ceramics
- Ceramics for night vision devices
- Thermal ceramics

GRAINS & POWDERS

- Thermal spray powders
- Grits for blasting
- Ultra fine grains for armours
- Grains for aircraft brakes
- Graphene
- Grains for investment casting
- Grains for marine anti skid paints

ABRASIVES

- Bonded abrasives
- Super abrasives
- Grinding machines
- Coolants
- Precision component manufacturing

We also provide precision grinding services for aerospace parts and components

REFRACTORIES

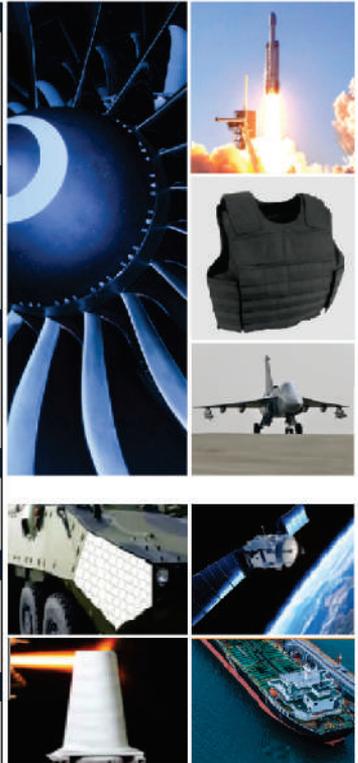
- Refractories for rocket launch pads
- Refractory products for investment casting of super alloys

COMPOSITES MANUFACTURING

- Vacuum infusion & vacuum bagging
- Resin transfer moulding
- Light resin transfer moulding
- Filament winding
- Pultrusion

THERMAL CERAMICS

- Heat shields for aero engine components and flight data recorders
- Passive fire, thermal, and acoustic protection for marine applications



Key Customers: HAL, ISRO, DRDO, MIDHANI, GE Aviation, PCC Group, MDL, GRSE



Contact:

Mr. Akshay Kashinath
Senior Manager, International Business
Mobile: +91 96770 63238
E-mail: akshayk@cumi.murugappa.com

CARBORUNDUM UNIVERSAL LIMITED
Parry House, No 43. Moore Street, Chennai – 600 001
www.cumi-murugappa.com



CARBORUNDUM UNIVERSAL LIMITED (CUMI)

The Company:

Carborundum Universal Limited (CUMI) is an indigenous material sciences engineering company with fully integrated operations across the value chain including mining, power generation, fusion, manufacturing, marketing, and distribution. CUMI was founded in 1954 and is part of the INR 547 billion Murugappa Group. CUMI has over 5,500 employees worldwide who collaborate, innovate and develop high-quality material solutions and world-class services in advanced ceramics, electro minerals, composites, refractories, abrasives and energy storage materials.

Products & Services:

Advanced ceramics for personal and vehicle armour, CFRP components for drones, thermal ceramics, ceramics for missile components, refractory products for investment casting, refractories for rocket launch pads, thermal spray powders, grains for abrasive blasting, graphene, phase change materials, abrasives, super abrasives, precision machining, services.

Turnover: INR 3300 crores

Focus area: Aerospace/Defence/Automotive

Corporate Address

CARBORUNDUM UNIVERSAL LIMITED (CUMI)
Parry House, No.43, Moore Street,
Chennai 600 001

Business Contact:

Akshay Kashinath
Contact : 9677063238
Email:akshay@cumi.murugappa.com



CIRCOR FLOW TECHNOLOGIES INDIA PRIVATE LIMITED

The Company:

CIRCOR India designs, manufactures, and supplies various products including severe service flow solutions to diversified markets such as Aerospace & Defense, Industrial, Refining etc. CIRCOR India also manufactures products for many other CIRCOR brands for quick business reach to customers locally and globally in terms of accessibility and cost. CIRCOR is committed to the “Make in India” program and has strategically invested in integrated manufacturing plant at two locations - Coimbatore, Tamil Nadu and Daman, Daman & Diu (UT) in India, to manufacture its historically significant Product brands for India and the global market.

Established in 2009, CIRCOR's Coimbatore facility is in Tamil Nadu, India with 8.75 acres campus area, employing 175 people and focuses on rapidly growing market opportunities in India. CIRCOR Inc. has two major groups, Industrial and Aerospace & Defence. CIRCOR India is a unique global integrated manufacturing facility serving both the groups.

Coimbatore facility designs, manufactures, and supplies a broad portfolio of valves including High Pressure Valves and Pressure Reduction Package, Severe service valves, control valves for Steam application and Refinery valves. CIRCOR has invested significantly in the Coimbatore facility by growing design engineering capability of Aerospace and Defence within Coimbatore. An integrated team of Engineers, Supply chain professionals and Global sourcing team are dedicated to design and develop new products including military products for the India and Global markets.

Products & Services: 1. Portable Nitrogen Charging Unit 2. Submarine - Hood Inflation System 3. High Pressure Valves 4. Reducing Stations/ Panel 5. Hydrogen Valves 7. Regulators 8. Control Valves 9. De-super heaters 10. System.

Turnover: 180 crores

Focus Industry: Aerospace

Corporate Address

CIRCOR FLOW TECHNOLOGIES INDIA PRIVATE LIMITED
F No. 337/2, No.15 Naranapuram Village,
Coimbatore, Tamil Nadu 641659

Business Contact:

Sonnet Xavier
Contact : 950035840
Email: Mailsonnet.xavier@circor.com



COUNTER MEASURES TECHNOLOGIES PVT LTD

The Company:

CMT is licensed to Manufacture & Proof test of Small Arms & Ammunition and Licensed to Manufacture Naval Vessels of War. CMT has over a decade of experience in delivering "War Material" to the Govt. of India. CMT takes active part in the "Make in India" initiative and is in the process of indigenisation of Small Arms & Ammunition. R&D with respect to Small Arms has put CMT in the forefront in Small Arms Manufacturing Sector. Some of the most sophisticated firearms are 100% indigenously and will be made available for export to sovereign & legitimate Governments worldwide.

Product & Service:

Pistols, Sub Machine Guns, Assault Rifles, Sniper Rifles, Medium and Light Machine Guns

Turn over: Upon demand

Focus Industry: Aerospace

Corporate Address

COUNTER MEASURES TECHNOLOGIES PVT LTD
SF. No.122/1,2,3A,3B,4,5,6,7,8,9,10,11,121/6,
Mappedu Melnallathur Road, Nungambakkam Village,
Thiruvallur Dist-602002, Tamil Nadu.

Business Contact:

Jayakumar Jayarajan
Director
Contact: 8527252747
Email: director@cmtpl.com

CRESCENT INNOVATION & INCUBATION COUNCIL (CIIC)

The Company:

Crescent Innovation and Incubation Council (CIIC), is a not-for-profit, innovation arm of B.S. Abdur Rahman Crescent Institute of Science and Technology (BSACIST), deemed to be a University. BSACIST has a long history of 38 years of nurturing entrepreneurs and industrialists. The goal of CIIC is to encourage “deep tech” entrepreneurs in the verticals of Life Sciences, Industry 4.0, and Smart and Clean Mobility. In the past 4 years, we have incubated 130 start-up and acted as a “One Stop Shop” Business Incubator (BI) . CIIC has been ranked for 3 years running as the 3rd Best Bio-Incubator of India for 2020, 2021, and 2022 by India’s leading magazine Bio spectrum. Our start-ups have received around \$ 7.7M raised from the Government of India & Private Investments. Around 900+ jobs were created by our start-ups.

Because of our unique positioning with a large number of partner academic institutions spread over Southern India who has approached CIIC for mentoring, we believe we are uniquely positioned to take entrepreneurship and innovation to Tier-2 and Tier-3 cities/towns and rural India. In fact, CIIC recently opened a branch in Madurai, a Tier-2 city in the deep south of Tamil Nadu, which will chiefly tap innovators/entrepreneurs emerging from the areas of Agrotech, MarineTech, nutraceuticals, and of course FoodTech. CIIC is recognized and funded \$2.20M by the following 5 Union Ministries of India

The Ministry of Science and Technology. The Department for Promotion of Industry and Internal Trade. The Ministry of Micro, Small, and Medium Enterprise. The Ministry of Electronics and Information Technology. The Ministry of Education. CIIC aims to support & render start-ups into profitable entities through the mission statement called Triple “M” “Mentor, Money & Market transforming innovation into scalable business models with high productive impact and encouraging interdisciplinary advancement both nationally and internationally.

Products & Services:

Business Incubator (BI) - Providing Triple “M” Mentor, Money & Market

Turnover: INR 2 Crores

Focus Industry: Automotive

Corporate Address

CRESCENT INNOVATION & INCUBATION COUNCIL (CIIC)

Crescent Innovation and Incubation Centre

MB.S. Abdur Rahman Crescent Institute of

Science and Technology, Seethakathi estate,

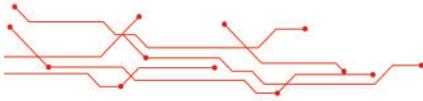
Grand Southern Trunk Rd, Vandalur, Tamil Nadu 600048

Business Contact:

Mr Parvez Alam M

Contact: 9551076617

Email: ceociic@crescent.education



DATA PATTERNS

SPECIALISTS IN DEFENCE & AEROSPACE SYSTEMS

The Global High Reliability Systems Company

Data Patterns is India's leader in indigenously developed electronic systems in the Defence and Aerospace domain. Data Patterns' key strength is founded on its 36 year history of developing high-reliability products. Data Patterns has developed several complex electronic systems for its customers with the support of its captive design & manufacturing capability.

Data Patterns has a development center which designs products, a facility for manufacturing PCBs, System Integration, environmental testing, and life cycle support to cater to the industry requirements of high reliability electronic systems.

Latest techniques in electronics adopting advances in implementation of algorithms in FPGAs and highest capability modern components enables product capabilities superior to current market standards.



Precision Approach Radar



C-Band Polarimetric Doppler Weather Radar



NANO Satellite



Smart Cockpit Display System for LUH



ELINT/ESM System



Radar Warning Receiver

Data Patterns (India) Limited.
Plot No. H9 Fourth Main Road, SIPCOT IT Park,
Siruseri, Chennai 603 103, India.
Tel: +91-44-4741 4000 Fax: +91-44-4741 4444
Email: marketing@datapatterns.co.in Web: www.datapatternsindia.com

**Made in India
with Pride**

DATA PATTERNS INDIA LTD

The Company:

Data Patterns is a vertically integrated Defence and Aerospace electronics solutions provider catering to the indigenously developed defence products industry. Data Patterns' key strength is founded on over two decade history of developing high reliability products in this domain with the broad capability to develop and manufacture any high reliability product. Data Patterns has developed several electronic systems for its customers with the support of its captive manufacturing facility and attention to detail. Data Patterns achieves its philosophy of manufacturing products with the reliability of life span expected in its market domain. Data Patterns is recognized by its customers for its ability to deliver complex programs in short turnaround times with ease.

Products & Service:

Defence & Aerospace Electronics.

Turnover: N/A

Focus Industry: Defence & Aerospace

Corporate Address

DATA PATTERNS INDIA LTD
Block-2, Ground Floor, Plot No.H9, Fourth Main Road,
SIPCOT IT Park, Siruseri, OFF Rajiv Gandhi Salai,
Chennai 603 103

Business Contact:

S.Thomas Mathuram

Sr. VP – Business

Contact: +9144 47414433

Email: thomas@datapatterns.co.in



DEBRIQUE CREATIVE LABS PVT LTD

The Company:

Modulus Housing working alongside architects has come up with efficient designs for various sectors ranging from hospital infrastructure to schools to storage units to farmhouses.

Products & Service:

Medi cab: Portable hospital and medical units that serve as stand-alone or auxiliary hospitals at urban and rural areas

Turnover: INR 81.82

Focus Industry: Process Industry

Corporate Address

DEBRIQUE CREATIVE LABS PVT LTD
A Block 6th Floor, IITM Research Park,
Kanagam, Taramani, Chennai -600113

Business Contact:

Shreeram Ravichandran
Contact: 9941927347
Email: shreeram@modulushousing.com

D-ESPAT PVT LTD

The Company:

The Company: D Espat Pvt Ltd, is a Design house for new custom Lithium-ion batteries. We integrate unique format Li-ion batteries with BMS & Mechanical Enclosure and Charger for Medical, AUV, UAV, AGV, ROV, Robotic, Telecom Application, Electric Vehicles, Strategic and Critical applications.

Products & Services: D-ESPAT Pvt Ltd, is a Design house for new custom Lithium ion batteries.

Turnover: 1.95Cr

Focus Industry: Aerospace

Corporate Address

D-ESPAT PVT LTD
2/1, Veerapandi Nagar 1st St, Kamarajar Nagar,
SIDCO Industrial Estate, Veerapandi Nagar,
Choolaimedu, Chennai, Tamil Nadu 600094

Business Contact:

Syed Mubasheer Ali
Contact: 9444023690
Email: syed@despat.com



DHAKSHA UNMANNED SYSTEMS PRIVATE LIMITED

The Company:

DUMS provide a complete range of End to End UAS technology solution with our domain expertise. To build a world class technology company on the main opportunities of UAS/UAV technology Smart Drones (SD) to meet the future demands of homeland security & civil commercial market segments in Agriculture, Forestry, Transportation, Mining & Energy, Remote sensing, Tourism, Hazardous Material Handling & Smart city applications etc

Products & Services:

Drone with applications in Agriculture, Energy & Power, Transportation & Material Handling, Urban Planning, Mining, Tourism, Forestry, Remote Sensing, Homeland Security

Turnover: N/A

Focus Industry: Aerospace

Corporate Address

DHAKSHA UNMANNED SYSTEMS PRIVATE LIMITED
7, Arumbakkam, Chennai,
Tamil Nadu 600106

Business Contact:

Ramanathan R
Contact: 9894402118
Email: ram@teamdhaksha.com



DMW CNC SOLUTIONS INDIA PRIVATE LIMITED

The Company:

Machining, Sheet Metal , Rubber , Springs , Critical Assemblies of All type of Ferrous & Non Ferrous Items , Oil Pumps , Water Pumps.

Products & Service:

Manufacturer of Critical Components like Engine Blocks, Gearboxes , High Critical Components both Standard Parts & Non Standard parts Machining , Sheet Metal, Rubber , Springs.

Turnover: INR 287 Crores

Focus Industry: Aerospace

Corporate Address

DMWCNC SOLUTIONS INDIA PRIVATE LIMITED
54 A, SIPCOT Phase II Industrial Complex,
SIPCOT, Ranipet, Tamil Nadu 632403

Business Contact:

Parithi Kasimani
Contact: 9994547696
Email: parithi@dmwindia.com



DRONIX TECHNOLOGIES PRIVATE LIMITED

The Company:

We at Aero360 build state-of-the-art High performance autonomous hybrid Drones to enhance aerial surveying, surveillance and rescue applications. Incorporated on 31st March 2017, our drones are designed to suit various applications, including Land surveying, pipeline monitoring, precision agriculture, Emergency Delivery to remote locations, conducting Search & Rescue operations and carrying out Intelligence, Surveillance & Reconnaissance (ISR) missions.

Our Drone products include surveillance, survey, heavy-lift, indoor, and agricultural pesticide-spraying drones. Our advanced drones can fly long ranges and duration, helping professionals in different sectors to cover larger areas quicker and safer.

Products & Services:

Drone Systems & Sub systems

Certification & Accreditation: Start-up India, MSME

Focus Industry: Aerospace

Turn Over : 1.5 Crore

Corporate Address

DRONIX TECHNOLOGIES PRIVATE LIMITED
7, Kjr Building, Third Floor, Welders Street,
Mount Road, Chennai-600002

Business Contact:

A Pragadish Santhosh
Director

Contact : 9962458751

Email:santhosh@aero360.co.in



ELEKTRONIKLAB
SKY IS NOT THE LIMIT

ELEKTRONIK INDIA PVT. LTD.

Services Provided:

- Systems Integrators
- Solutions Providers
- Software Developers
- Equipment Manufacturer

Domain Area:

- Maritime
- Aeronautical
- Terrestrial

Focus:

- Communication systems
- Navigation equipments
- Coastal Surveillance & Critical Infrastructure
- Aviation Equipments

Elektronik India Pvt. Ltd

10D, Masilamani Street, T. Nagar,
Chennai - 600 017, India

Business Contact:

Hilda Philip

Contact : +91 8754570785

Email:hilda@elektroniklab.com

Elmack Engg Services

Partnering Your Success

ELMACK ENGINEERING SERVICES

The Company:

Leading Distributors of Test and Measuring Instruments of Premium Brands like Key sight, Fluke, Megger, Honeywell etc.

Products & Service:

Test and Measuring Products.

Turn over: INR 99 Crores

Focus Industry: Automotive

Corporate Address

ELMACK ENGG SERVICES PVT LTD
AB20, 5th street, AB Block, Anna Nagar
Chennai-600040

Business Contact:

Anant Kankani

Co-Founder and COO

Contact: +91 7358111402

44 4865 6532 / 26267251

Email: sales@elmackengg.com / marcom@elmackengg.com



FABHEADS AUTOMATION PRIVATE LIMITED

The Company:

Fabheads is committed to bringing powerful and accessible fabrication tools into the creative hands of professionals in the industry. Starting out at ISRO in 2015, we are fundamentally a hardware start-up, comprising a passionate team of engineers, designers, and problem-solvers creating automation equipment to manufacture high-end carbon fibre parts.

We are speeding up the transformation of manufacturing with 3D printing solutions for engineers, designers, and manufacturers in the industry. Fulfilling the real-world potential of additive manufacturing, we have committed our company to applying 3D printers to the market under the brand name FabMachines, delivering efficient and cost-effective integrated 3D printing solutions for individuals and enterprises.

Having bagged several prestigious awards, they have earned a significant place in the industry. Top Start-up in Manufacturing (2018), Outstanding Innovation in Composites Award (2019), Dare to Dream Award (2019) by DRDO, and National Start-up Award (2020) by the Government of India, to name a few.

Products & Service:

Composite Part Manufacturing, 3D-Printing Services, 3D-Printers (Product)

Focus Industries: Process Industry

Corporate Address

FABHEADS AUTOMATION PRIVATE LIMITED,
No 86,14th link street, Venkateshwara colony,
Nehru nagar, Kottivakkam, Chennai- 600 041

Business Contact:

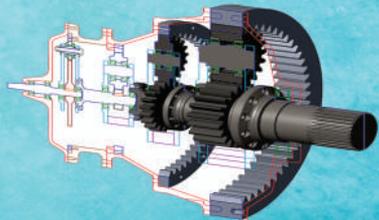
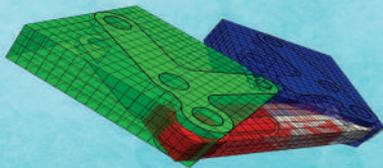
Nivas Vallavan
Contact : 9600687118
Email: nivas@fabheads.in

EQUAD ENGINEERING SERVICES



EQUAD DESIGNS IN INDIA FOR MAKE IN INDIA
WE SPECIALISE IN RE(VERSE) ENGINEERING &
INDIGENISATION .
EQUAD ALSO PROVIDES CAD / CAE SERVICES

- **ENGINEERING PRODUCT DESIGN**
- **DESIGN PROOFING**
- **INDIGENISATION / RE(VERSE) ENGINEERING**
- **DESIGN FOR FFF (FORM / FITMENT / FUNC.)**
- **TEST RIG / TEST JIG DESIGN**
- **CAD (2D DRAFTING / 3D MODELLING)**
- **CAE (FEA /CFD)**
- **PROTOTYPING & FABRICATION**
- **ASSEMBLY & TESTING**
- **TECHNICAL DOCUMENTATION**
- **(QA & QC / SOP / MANUAL WRITING)**



EQuad Engineering Services Pvt Ltd.
Perungudi, Chennai



vaish@equadservices.in
8637683534
systems@equadservices.in
934 290 6171 / 934 290 6172



EQUAD ENGINEERING SERVICES PVT LTD

The Company:

Equad is a technology agnostic Engineering Services - Mechanical / Mechatronics Design Firm.

Our Top 5 Selling Services

Standard Service 1. 2D Drafting 2. 3D Modelling 3. 2D 3D Conversion 4. Stage Drawings

5. Technical Documentations (Control Plan, QC, QA, SOP & Manual Writing)

Custom Services 1. CFD & FEA 2. Product Design (NPD Division) 3. Re (Verse) Engineering-Indigenization 4. Test Rig / JIG Design 5. Design for FFF

Industries Served 1. Automotive 2. Defence 3. Aerospace 4. Energy 5. Manufacturing (Incl. Mech. Precision Parts)

Products & Service:

Engineering Services - Including and not limited to Engineering Design

Turnover: ~ 1 Crore

Focus Industry: Aerospace

Corporate Address

EQUAD ENGINEERING SERVICES PVT LTD

No 14 Bethel Nagar Main Road

Seevaram Perungudi Chennai 96

Business Contact:

Vaishnavi

Contact: +91 8637683534

Email: vaish@equadservices.in



GALAXEYE SPACE

The Company:

We have a portfolio of products to offer, layered on the processing level, capture type, data type, etc. Unlike traditional drone and satellite imagery datasets, our offering is a unique Co-registered Dataset containing bands from across the Electromagnetic Spectrum, thus providing complementary information and hence, meaningful data of the Area(s) of interest. It is a fusion of EO and Synthetic aperture radar.

Products & Services:

Drishti 100

Turnover: N/A

Focus Industry: Defence, Insurance companies, energy and utility, maritime companies

Corporate Address

GALAXEYE SPACE
1st Floor, 646, 27th Main Rd, 1st Sector,
HSR Layout, Bengaluru, Karnataka 560102

Business Contact:

Prakhar Doshi
Co-Founder and COO
Contact: +91 8770086337
Email: prakhar.doshi@galaxeye.space



GARUDA AEROSPACE PVT LTD

The Company:

Garuda Aerospace is a human-centric brand that is focused on developing low-cost drone solutions to optimize industries through accurate data. At our core, we're a Drone-As-A-Software aggregator that designs impeccable drones for a myriad of human and industrial needs. We pride ourselves on the impactful intelligence our drone solutions have to offer. Having only started in 2015, we've already made a significant mark in the drone industry.

Products & Services: Garuda Kisan Drone.

Turnover: 47cr in the year 22-23

Focus Industry: Aerospace

Corporate Address

GARUDA AEROSPACE PVT LTD
24, 46, KB Dasan Rd, Seetammal Colony,
Seethammal Colony, Lubdhi Colony, Alwarpet,
Chennai, Tamil Nadu 600018

Business Contact:

Garuda
Mobile contact: 7640888777
Mail: info@garudaaerospace.com



GAYATH INDUSTRIES

The Company:

The Company: Gayath Industries is an ISO 9001:2015 certified company based in Chennai founded by Mr. MuthuPerumal in 2006. Gayath Industries presently has over 100+ employees working in 2 of its manufacturing plants; one at Thirumazhisai and the other at Sriperumbudur. Gayath has become a key player and has pioneered the art of manufacturing wind turbine generator components for renewable energy sector, cutting tools for Tunnel boring machines, heavy valve components(butterfly, ball, triple offset and knife gate valve) for valve industry, BOP components for oil and gas industry, components for Construction and Mining equipment's, precision machined and fabricated components for tire moulding machine, heavy machined components for locomotive industry and earth moving industry and machined components for steam turbine and heavy vehicle sector.

Products & Services: Tunnel boring cutting tools, BOP components for oil and gas, Valve body, bonnet - valve sector, Wind turbine generator components.

Turnover: 25.8 Cr

Focus Industry: Aerospace

Corporate Address

GAYATH INDUSTRIES

No.38, Part 39&40, Gundumedu

Madavilagam village TK, Mount Poonamallee Rd,
Chennai, Tamil Nadu 600124

Business Contact:

Gayathri

Mobile Contact: 7823953575

Email: sales@gayathind.com



HIGH ENERGY BATTERIES (INDIA) LTD

The Company:

High Energy Batteries India Ltd., is an established manufacturer of Hi-Tech batteries for use in Army, Navy, Air force and Launch Vehicles. The Company has a strong base of in-house R&D wing to design, develop and manufacture of batteries - Silver oxide zinc, Nickel Cadmium, Silver Chloride Magnesium for stringent applications such as underwater propulsion, control guidance, communication, emergency starting and for aerospace applications. The company is working in the area of Long Endurance Energy Storage like Vanadium Redox Flow Battery Systems, Fuel Cell Systems and Green Hydrogen Generation. The company can undertake any developmental activity and establish the technology for manufacture of electrochemical systems to cater critical demanding military applications.

Products & Services:

Special Batteries for Defence and Energy Storage Application

Turn over: INR 9253.80 Lakhs

Focus Industry: Aerospace

Corporate Address

High Energy Batteries (India) Ltd,
Pakkudi Road, Mathur Industrial Estate,
Mathur-622 515
Pudukkottai District, Tamil Nadu, India.

Business Contact:

R.Sankar
Contact: +91 9345104586
Email:hebsales@highenergy.co.in



HILD Eagle Drone Agronomy - I

The indigenously designed and developed agronomy drone is capable of spraying up to 8 litres of liquid payload across agricultural fields with seamless speed and precision.

HILD Surveillance Drone

The indigenously designed and developed surveillance drone keeps an eagle's eye watch over strategic installations and locations to keep threats at bay.



Challenger 6

HILD Challenger 6 is a handheld Anti-Drone System capable of neutralizing targeted Unmanned Aerial Systems. It takes immediate jamming countermeasures using Directional Jamming Technology. Challenger 6 has hot swappable batteries that enable continuous operation of all the jamming frequencies simultaneously.

HILD EagleEye 5

The indigenously designed and developed EagleEye 5 has the ability to detect drones within the RF detection range. It is able to classify drones as friendly or enemy. Its threat library can be updated through user friendly GUI. The EagleEye 5 provides GeoTagging through a rich user interface for the identification of unauthorised drones.



HILD DEFENCE AND AEROSPACE PRIVATE LIMITED

Eagle Tower, 2nd Floor, **25**, Greams Road, Thousand Lights,
Chennai - **600 006**, Tamil Nadu, INDIA
Email: info@hildad.com | URL: www.hildad.com

HILD DEFENCE AND AEROSPACE PVT LTD

The Company:

HILD Defence and Aerospace Pvt Ltd delivers high technology solutions for military applications and for law and order establishments. We are part of a 65 year old diversified group with interests in defence, security, software, renewable energy, etc

Products & Services:

Manufacturers and service providers for advanced defence applications and homeland security systems under Make in India vision. HDAPL offers indigenisation of systems, unmanned aircraft systems, customised payload, unmanned precision mortar delivery system, drone based services for logistics-supply-maintenance systems, RF-EO-Radar based detection systems, counter-UAV, surveillance, helicopter obstacle detection system, IED and bomb jammers, portable radars for perimeter and ground surveillance, combatants personal safety gear, general as well as sensor based perimeter security and surveillance, soldiers integrated ID cards, flexible solar panel systems, innovative military station/base security, SMART Base technology solutions which integrates surveillance, IoT and other technologies, simulators, air defence training system for all weather field firing. For Info visit www.hildad.com

No. of Manufacturing unit(s): Three

Turnover (2020- 21): Rs1000 Cr

Certifications & Accreditations:

Focus Industry: Aerospace, defence, homeland security

Corporate Address

HILD DEFENCE AND AEROSPACE PVT LTD
No.25/27, Eagle Tower, Greams Road,
Thousand Lights, Chennai – 600 006

Business Contact:

Pratap Rajah Sunder Singh
Contact no: +91 9840052699
Email: md@hildad.com



HINDUSTAN GROUP OF INSTITUTIONS

Hindustan Group of Institutions

The Hindustan Group of Institutions was founded in 1966 by the Founder and then Chairman, Late Dr. K.C.G. Verghese, who realised the need for an institution that offers non-formal technical education and established the Hindustan Engineering Training Centre (HETC) & Hindustan Institute of Engineering Technology (HIET) which met this need. He headed several other institutions that aimed at imparting quality education in the fields of engineering, aviation, architecture, law, applied sciences and management.

Hindustan Institute of Engineering Technology

Hindustan Institute of Engineering Technology (HIET), Chennai established in 1966, is approved by the Director General of Civil Aviation, Government of India, for conducting Aircraft Maintenance Engineering courses; and by the All India Council for Technical Education and Government of Tamil Nadu for conducting Diploma courses in Automobile, Computer, Mechanical, Civil, Electrical & Electronics and Electronics & Communication Engineering.

The institution is well equipped with workshops and laboratories and is widely recognised in the Asian and African continents as a premier technical institution. It has trained over 42,000 students from all over the world as engineers and technicians; and over 5000 of them are now working with various airlines and aviation industries in India and abroad.

Orient Flights Aviation Academy (OFAA)

Orient Flights Aviation Academy (OFAA), Mysuru is one of the leading Pilot Training Institutions, approved by the Directorate General of Civil Aviation, Government of India and is currently offering Drone Pilot Training (RPA) Programmes also. The flight training at OFAA meets international standards, in accordance with regulations of the International Civil Aviation Organization (ICAO) and the Director General of Civil Aviation (DGCA), Government of India.

Hindustan Institute of Technology & Science (HITS)

Hindustan Institute of Technology and Science (HITS), established in 1985, is a Deemed to be University that offers a wide spectrum of Undergraduate, Postgraduate and Diploma Programmes to students from India and all around the world, HITS was accredited with an "A" Grade by the National Assessment & Accreditation Council (NAAC), Govt. of India with a score of 3.3/4.0 and is a Category 2 Institution with many privileges from the Government. National Board of Accreditation (NBA) has accredited five B.Tech programmes of the University. HITS also ranked in the 107th position in India under Engineering category and ranked 20th in Architecture in the National Institutional Ranking Framework (NIRF) Rankings 2020.

KCG College of Technology

KCG COLLEGE OF TECHNOLOGY (KCG), started in the year 1998, is known for its highly qualified and experienced faculty, excellent infrastructure and academic excellence since its inception. It is one of the top technical institutions in the country accredited by NAAC with 'A+' grade and NBA by Government of India. It has received many awards and recognitions for its excellence in education.; and is ranked 200-300 band in India under the All-India Engineering category by National Institutional Ranking Framework (NIRF).

HPKV METAL FINISHERS PRIVATE LIMITED

The Company:

HPKV metal finishers Pvt ltd is an AS 9100D Certified company providing special process such as Anodizing, Hard anodizing, conversion coating, Passivation for Stainless steels. Focusing on delivery quality products towards, Aerospace, Defence, Automobile, electrical and electronic sector and much more various industrial sectors.

We have established process control and stabilised process outputs to make sure 100% quality products and services with well-trained quality professional. Also, we are also gearing up for NADCAP CERTIFICATION.

Products & Services:

ANODZING, CONVERSION COATING, PASSIVATION FOR AEROSPACE, DEFENCE AND OTHER INDUSTRIES

Turnover: - 2 Crore

Focus Industry: Aerospace

Corporate Address

HPKV METAL FINISHERS PRIVATE LIMITED
No:797, Nemam, Tiruvallur High Rd,
Andersonpet, Tamil Nadu 600124

Business Contact:

H P KRISHNADAS
Contact: +91 9790336778
Email: krishna@hpkv.in



INDOCOOL COMPOSITES PRIVATE LIMITED

The Company:

We have been supplying key composite components to major OEMs for over two decades. Their testimony speaks for our adherence to safety standards, production quality, on-time delivery, consistency and global export capability. We are one of the world's largest manufacturers of nacelle covers, rotor covers, and generator casings.

Products & Services:

FRP Composites of Nacelle Cover, Rotor Cover, Generator Casing and Pultruded Profiles

Turnover: 205 Crores

Focus Industry: Process Industry

Corporate Address

INDOCOOL COMPOSITES PRIVATE LIMITED
Plot No.40, 2nd Avenue, Phase 2, Annai Velankanni Nagar,
Mugalivakkam, Chennai 600 125, Tamil Nadu.

Business Contact:

Ram Mohan
Co-Founder and COO
Contact: +91 7094914000
Email: rammohan@indocool.in



IYAPPAN ENGINEERING INDUSTRIES PRIVATE LIMITED

The Company:

Iyappan Engineering Industries Pvt Ltd manufacture import substitution products for power plants and the defence sector and are totally committed to achieve 100% customer satisfaction by providing products & services that meet customer requirements in quality, cost and delivery timelines. Iyappan Engineering Industries Pvt Ltd (IEIPL) is a five decade old manufacturing company in Chennai. They have been manufacturing import substitution products for power plants and defence sector, specialising in precision hydraulic assemblies and electromechanical components. Appreciating the requirements of the modern industrial eco system the company has transformed into a process driven entity from a typical family owned MSME. The company is driven by passion for import substitution and this has helped the company to develop a name for itself due to the quality of its products. The company is also poised for the aerospace industry with an AS9100 D certification. The company has the ability & capacity to manufacture components/assemblies based on drawings or by reverse engineering. A great emphasis is laid on the quality of the products. Accordingly, the Quality Control Department is equipped with high end testing equipment like CMM, Profile Projector etc. and a hydraulic testing facility up to 600 bar & pneumatic testing facilities up to 200 bar.

Products

The products manufactured for defence establishments are gun elevation hydraulics for T90 tanks, Pedestal X apar for naval guns, cylinder with valves, delivery pump & suction pumps for T72 tanks, gas valves for suspensions and loader fire safety device. For the K9 Vajra the company manufactures manual pump, hydraulic and mechanical assemblies and roller support assembly for tracks.

Specialisation

The Company specialises in the following products. Hydraulic Block assemblies of size 300mm x 200mm x 200 mm& up to 600 bar pressure. Hydraulic Actuator assemblies up to 300mm bore diameter and stroke of 400mm length. Rotating cylinder assemblies with hydraulic rotating union up to 415mm diameter cylinder with a maximum stroke of 100mm. Servo mechanism hydraulic assemblies using electromagnetic principle. Pressure relief valves & pressure reducing valve assemblies up to 600 bar. Roller support assemblies with rubberization for defence tracked vehicles. Manufacturing of pistons & gear pumps up to 250 bar pressure. Any Electromechanical assemblies.

Products & Service: Hydraulic Block assemblies of size 300mm x 200mm x 200 mm& up to 600 bar pressure. Hydraulic Actuator assemblies up to 300mm bore diameter and stroke of 400mm length. Rotating cylinder assemblies with hydraulic rotating union up to 415mm diameter cylinder with a maximum stroke of 100mm. Servo mechanism hydraulic assemblies using electromagnetic principle. Pressure relief valves & pressure reducing valve assemblies up to 600 bar. Roller support assemblies with rubberization for defence tracked vehicles. Manufacturing of pistons & gear pumps up to 250 bar pressure

Turnover: INR 20 Crores

Focus Industry: Aerospace

Corporate Address

IYAPPAN ENGINEERING INDUSTRIES PRIVATE LIMITED
Plot No.107/A SIDCO Industrial Estate, Ambattur,
Chennai 600098.

Business Contact:

T Palaniappan

Contact: +91 9840147768

Email: tpalani@iyappanengg.com

JANATICS

JANATICS INDIA PRIVATE LIMITED

The Company:

Established in 1977, Janatics is one of the leading world-class manufacturers of standard and custom pneumatic components and systems. Over the years, Janatics expanded its product portfolio and started manufacturing systems and new technology products.

Our products are backed by best-in-class infrastructure that includes a central manufacturing facility in Coimbatore, South India, which is supported by satellite plants in Noida and Ahmedabad.

With an in-house R & D recognized by DSIR, expertise in design, development, programming, and a dedicated project management team, today the company offers an impressive range of products and solutions for various industrial applications. Janatics takes pride in supplying indigenously developed products that are on par with global quality norms. Our product portfolio includes cutting-edge solutions exclusively for the Defence and Aerospace sectors. A strong network of domestic and international dealer network ensures prompt and reliable service.

Products & Services:

Pneumatic Product & systems, Custom Electro-mechanical systems, Solenoid valves, Actuators, Fittings, and vacuum toilet systems, Automatic Door systems.

Turnover: 455 Cr

Focus Industry: Aerospace

Corporate Address

JANATICS INDIA PRIVATE LIMITED
E-25 SIDCO Industrial Estate, Kurichi,
Coimbatore, Tamil Nadu -641021

Business Contact:

Balu P M
Contact: +91 9894614077
Email: balupm@janatics.co.in

JEANUVS PRIVATE LIMITED

The Company:

Jeanuvs Private Limited is in Aerospace, Space and Defence Excellence for 16 years in design and development of Electronics, Mechanical system components manufacturing and Cable harness for Aircraft, Helicopter, Tanks and other industry requirements. Jeanuvs have inhouse Manufacturing facilities and Team of more than 200 experts in Manufacturing and R&D Engineering Experts Team of more than 150 expert engineers for Electronics and Mechanical system components. Jeanuvs offers Radar System components, RF components, SATCOM products, High-speed Data Acquisition & Signal Processing, Video Processing cards, FPGA IP core development, Power Supply converters for Aircraft, Tanks, Radar and Other systems.

Products & Services:

1. Rudder Margin Indicator (RMI) for Mi-17 helicopter
2. Solid state Digital Video Recorder (SSDVR) for Mi-35 Helicopter
3. Radiation Measurement system for Gaganyaan
4. FPGA based Digital Modem Hardware for RISAT-2A
5. AIS Controller card for RISAT-2A
6. Transmission Controller Unit (TCU) for 1500hp Arjun MBT
7. Front-End Signal Processing card for SONAR
8. Mission Control Unit (MCU) for Torpedo
9. UHF/VHF Frequency Shifter for Direction Finder Antenna
10. Receiver Unit for IFF for Su-30 Aircraft and Other Aircraft
11. RF Front-end Signal Processing Unit for Medium Power Radar (MPR)
12. Array Callibration Unit
13. X-Band Exciter and Receiver Unit
14. Couter Measure and Dispensing System (CMD5) for Boeing Aircraft
15. Parachute Buckle and Qucik release for Su-30 Aircraft
16. 1 Ton Landing Gear for Rustom UAV
17. Release Sensing and Arming System (RSAS) for Missile
18. Safety and Arming Mechanism (SAM) for Missile
19. High Voltage (HV) Firing Control System
20. Stabilization Assembly for Pralay Missile

Turnover: -500 Crore

Focus Industry: Aerospace

Corporate Address

JEANUVS PRIVATE LIMITED
Level-2, Olympia Teknos Park, Plot.No: 28,
South Phase, Ambedkar Nagar,
SIDCO Industrial Estate,Guindy, Chennai, 600032

Business Contact:

Kharthik K
Contact: +91 7299934271
Email: kharthik@jeanuvs.com

JAYASURIYA

AERO

AEROSPACE & DEFENCE PRODUCTS

Manufacturer of Airworthy Products and Standard parts on various International standards to support many Aviation industries across the globe and indigenised over 15000 individual Parts which are certified by CEMILAC, DRDO to use on various airborne platforms.

PRODUCTS



- * Back Shells
- * Latches, Hook Latch
- * Trigger Locks
- * Spring Hinges
- * Hydraulic & End Fittings
- * Unions, Adaptors
- * Studs, Pins & Collars
- * Self locking Nuts
- * Tab Lock washers
- * Anchor/Dome Nuts
- * Floating Anchor Nuts
- * Nyl Stop Nuts
- * Jo Bolts & Thread Rivets
- * Rivets & Inserts
- * Cotter/Split Pins
- * DIN Screws & Bolts
- * Titanium Fasteners
- * Rubber P Clamps
- * Worm Clips
- * Lock Nuts
- * Sheet Metal Parts, Etc.,
- * Bolts & Screws



IN-HOUSE FACILITIES

- * Design & Development
- * Manufacturing
- * Heat Treatment
- * Chemical / Electro Process
- * NDT Lab
- * Salt Spray Test
- * NABL Lab
- * Metallurgical Analysis
- * Metrological Lab

OUR PRESTIGIOUS PATRONS



JAYASURIYA AERO PRIVATE LIMITED

"SAKTHI AERO GARDEN"

3, Vengadamangalam Main Road, Vengadamangalam
Ponmar, Chennai - 600 127. TAMIL NADU, INDIA.
Call : +91-98412 78965, 96001 44404
Mail : info@jayasuriya.org, coo@jayasuriya.org
Web : www.jayasuriya.org

JAYASURIYA
AERO

MRS : AEROSPACE FASTENERS & STANDARD PARTS
(CEMILAC, DRDO Certified Firm for Design & Development)

20 Years of Legacy

JAYASURIYA AERO PVT LTD

The Company:

JAPL is an AS9100D, NABL certified company located in Chennai. CEMILAC and DGAQA certified for Design, Development and Production of Airworthy Critical Components, Mechanical LRUs, Standard Parts, Latches, Trigger Locks and Fasteners for Aircrafts, Helicopters, Missiles, Space Launch Vehicles & other airborne platforms for various projects of HAL, DRDO, ISRO, IAF and others. JAPL has indigenously developed more than 150 Series of Airworthy Parts on many International and Global Standards, which covers over 15,000 individual Part Numbers and has obtained Airworthiness clearances from different RCMA's of CEMILAC, DRDO. JAPL is catering to most of the Defence platforms such as HAL-LCA, IJT, SU 30, HTT40, Mirage 2000, ALH, LCH, LUH, Jaguar, Cheetah / Chetek, Launch Vehicles, Agni, BrahMos and other Missiles & systems.

JAPL has state of art in house end to end manufacturing facilities which includes Heat Treatment, Special Process, NDT, NABL accredited Mechanical and other testing facilities with ultra-modern infrastructure.

Products & Service:

Back Shells, Hydraulic / End Fittings, Unions, Adaptors, Latches, Hinges, Trigger Locks, Spring Hinges, Studs, Pins, Collars, Self-Locking Nuts, Jo Bolts, Threaded Rivets, Cotter Pins, DIN Bolts & Screws with various configurations, Floating Anchor Nuts, Nylon stop Nuts, Tab Lock Washers, Titanium Fasteners, Clamps, Worm Clips, Sheet Metal Parts, etc.

Turnover: INR 21 Crore (2022-23)

Focus Industry: Aerospace

Corporate Address

JAYASURIYA AERO PVT LTD
23, Vengamangalam Main Road,
Vengamangalam, Ponmar, Chennai-600127,
India

Business Contact:

S K Raman
Contact: +91 9600144404
Email: coo@jayasuriya.org
ceo@jayasuriya.org



THE EXPERTISE TO CUSTOMISE

Kaynes recognises customer needs and provides value added services in

Design & Engineering as a part of integrated business verticals.

DESIGN AND ENGINEERING

Our services include PCB design layout services, generating Gerber data & output files required for manufacturing Bare Boards. We use advanced tools such as Cadence, PCAD, & Cad Star to suit customer requirements. Our capability includes designing multilayer PCBs up to 30 layers with 4 mil trace/width as well as Blind & Buried VIA and BGA Footprint designs with 0.5 mm pitch. Design capabilities exist for RF designs with Impedance Control and Signal Integrity.

Kaynes provides customized designs for products based on GPS/GSM designs, Microprocessors, I/O Interface and Industry automation/controls, etc. Our experienced technical team enables us to offer highly effective value added Engineering Services supports with process definition, DFM/DFI/DFS review and support for ESS/EMI/EMC/HALT/HASS testing of products.

Design support services are also available in the area of component re-engineering for obsolescence, upgradation of designs, reliability engineering and making products more rugged to sustain extreme environment conditions and CE, UL, TUV approvals.



THE EXPERTISE TO STAY AHEAD

The high degree of success we have achieved in turnkey prototyping solutions is rooted in our emphasis on excellence.

PROTOTYPING

Our prototyping services provide customers with the benefits of reduced time to market through several innovative measures. We adapt concurrent Engineering programs & Quality processes to ensure smooth transition from protos to bulk production. We provide testing, mechanical boxing/demo package designs and with a 'Ship to Bill to' arrangement the product is delivered directly to the end user.

Kaynes has the capability to manufacture prototypes in small quantity (2 to 10 Nos.) with expertise in handling the latest SMT Technology based Boards, BGAs (0.5 mm pitch), LGAs/ QFNs, QFPs of 12 mil pitch, 0-402/0201 and even chip bonding.

We provide complete testing with basic and advanced measurements including JTAG based testing for DSP designs.



KAYNES TECHNOLOGY INDIA LIMITED

The Company:

Kaynes provides customised designs for products based on GPS/GSM designs, Microprocessor, I/O interface and industry automation/controls, etc.

Products & Services:

Electronic PCB Design and Engineering

Turnover: -Rs.1800crs

Focus Industry: Aerospace

Corporate Address

KAYNES TECHNOLOGY INDIA LIMITED
40/3, floor, 600095, Kundrathur Main Rd,
Padmavati Nagar, Vanagaram,
Chennai, Tamil Nadu, 600 116.

Business Contact:

V.Srinivasan

Contact: +91 9940062613

Email: v.srinivasan@kaynestechnology.net



KREESHMA AEROSPACE INDIA PVT LTD

The Company:

Kreeshma Aerospace is established with a vision to spearhead, to achieve excellence in providing solution, project execution, quality, reliability, safety and operational efficiency. To relentlessly pursue new opportunities, capitalizing on synergies in the Aerospace & Defence sector. To consistently enhance our innovative competitiveness and deliver profitable growth.

It's an Engineering technology Start-up company focused on providing End-to-end solutions in the areas of Design & Development of Electronics Systems, Simulation to Manufacturing in Composites, Sourcing & Supply of Aeronautical Products, Ship parts, etc., Technical staffing, AI Solutions.

Destiny is to build highly sophisticated Multi-Utility AI Drone technology - to our Indian Government Organizations for various applications and also to export globally. Collaboration with other countries for adaptation of technology and transfer of technology.

To build state-of-the-art facility for providing service to the AS&D, DRDO, Aeronautical, DoS sector with the Make in India strategy.

Products & Services: Cable Simulation Software, CD Tire Simulation Software, Drones & UAV, Supply of Aeronautical & Ship parts, End to end Composites Solution, Design & Development of Electronics Systems, AI Solutions, Technical Staffing.

Turnover: N/A

Focus Industry: Aerospace

Corporate Address

KREESHMA AEROSPACE INDIA PVT LTD
No.714, 2nd A Cross, 7th Main Hrbr Layout, 1st,
Kalyananagar, Bangalore,
Bangalore North, Karnataka, India, 560043

Business Contact:

Ramesh Kumar S J

Contact: +91 9845331265

Email: ramesh@kreeshmaaerospace.com



KRISHNA POWER & CONTROL PVT. LTD.

The Company:

We are an 'EA' Grade contractor.

Products & Services:

- 1) Electrical Services Provided area:
 - Govt. approved 'A' Grade electrical contractor.
 - Transformers/Substations/RMG/HTVCB Installations.
 - Internal & External Electrifications.
 - LT Panels, HT Panels.
 - DG Sets.
 - UPS Systems & Inverters.
 - Lightning Protection Systems.
 - CEIG Approvals.

- 2) Networking Services offered area:
 - Networking Solutions
 - Data & Voice Structured cabling
 - Switches
 - Routers
 - Firewalls

Business Contact:

Perumalsamy. S

Contact: 9940224632

Email: krishnamoorthy@krishnapowercontrol.com

perumal@krishnapowercontrol.com

Krishna Power & Control Pvt. Ltd.

No.1, 6th Cross Street, Srilakshmi Nagar, Valasaravakkam,
Chennai 600 087.



MTech in Defence Technology Specializations:

- **Combat Vehicle Engineering,**
- **Aerospace Technology**
- **Communication Systems and Sensors**

Benefits:

- Programme supported by DRDO and AICTE
- Networking with veterans engaged in private and public defence organizations
- Program offered with industry partnership for upskilling aspiring engineers



Contact Us
+91- 94889-25986



Our Website
www.kct.ac.in

Our Programme Partners and Recruiters



**Aerospace Engineers
Private Limited**
Beyond The Horizon



KUMARAGURU COLLEGE OF TECHNOLOGY

The Company:

Kumaraguru College of Technology (KCT), Coimbatore is a private Engineering College started in 1984 under the auspices of Ramanandha Adigalar Foundation, a charitable educational trust of Sakthi Group. Situated in a sprawling 156-acre campus in the IT corridor of Coimbatore, KCT is an autonomous institution affiliated to the Anna University, Chennai and approved by All India Council for Technical Education (AICTE). KCT has been accredited by National Assessment and Accreditation Council (NAAC) with Grade 'A' and all the eligible UG programs have also been accredited by National Board of Accreditation (NBA).

The able guidance and patronage of Arutselvar Dr. N.Mahalingam, Founder, Sakthi Group along with the efficient administration of Dr.B.K.Krishnaraj Vanavarayar, Chairman, the resourcefulness of Sri. M.Balasubramaniam, Correspondent and the foresightedness of Sri. Shankar Vanavarayar, Joint Correspondent have equipped the college with excellent facilities such as spacious classrooms, seminar halls, well-equipped laboratories, excellent sporting amenities, dedicated high-speed internet connectivity (broadband) and well-qualified faculty.

Products & Service: The Department of Aeronautical Engineering with well qualified and experienced team of faculty members with varied specializations in Aeronautical Engineering stream is committed to provide quality education by innovative teaching-learning processes. The activities of the department are governed by various committees such as Board of Studies and Department Advisory Board in which the external expert members are drawn from educational institutions, industries and research centres of repute and the curriculum is periodically reviewed on pace with the global industrial scenario. Introduction of the Choice Based Credit System enables the students to select the courses of his/her choice in various inter disciplinary areas of engineering. The department has state-of-the-art infrastructure and laboratory facilities providing conducive learning environment to the students and research scholars. The ongoing industry consultancy services and research projects motivate students to learn beyond the curriculum and carry out innovative projects. Various Associations and professional bodies are actively involved in promoting co-curricular and extracurricular activities, to hone the leadership qualities of the students. Internship in the leading industries and research centres such as HAL, NAL, ADA, ADE, DRDO etc provide an opportunity to learn the latest developments in the field of Aeronautical Engineering.

Turnover: N/A

Focus Industry: Aerospace

Corporate Address

KUMARAGURU COLLEGE OF TECHNOLOGY
Kumaraguru College of Technology, Chinnavedampatti
Coimbatore, Tamil Nadu Pin code: 641 049

Business Contact:

Dr. Sundararaj K

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Email : hod.aero@kct.ac.in
sundararaj.k.aeu@kct.ac.in



KUN AEROSPACE PVT LTD

The Company:

Manufacture and Supply of Precision Machined Components and Sub-Assemblies for Aerospace and Industrial Applications.

Products & Services:

Precision Machined Components

Turn over: INR 70 Crores (FINANCIAL YEAR 2022-2023)

Focus Industry: Aerospace

Corporate Address

KUN AEROSPACE PVT LTD
22-23, Sai Nagar, Ambattur Industrial Estate,
Chennai, Tamil Nadu 600058

Business Contact:

Mr.G.Srinivasa Rao
Contact: +91 87544 60639
Email: gvasu@kunaero.com



LARSEN & TOUBRO LIMITED

The Company:

The PMSC caters to the growing demands of Defence, Space & Aerospace sectors, in short, the domain of "Things that Fly". This sprawling 52 acre facility, has been constantly growing by adding new capabilities, competencies and facilities to cater to Build-to-Spec and Build-to-Print requirements. The core areas of expertise include cutting edge Aerospace Design at the Aerospace Design Centre (ADC) for product & technology development, Programme & Project Management, Global Procurement & Sourcing. The facility has dedicated Hi-Tech & Digitalised Manufacturing entities at component level (Precision Machining, Heat Treatment, Surface Treatment, Advance Composites, Additive Manufacturing); at sub-system level (Heavy & Light Precision Fabrication & sub-system Testing & Validation); and at system level (Assembly, Integration, Testing, Trials & Through life support) focused on Precision Defence & Aerospace Systems. The entire complex along with the ecosystem meet global Defence & Aerospace standards in Safety, Quality, Security & environmental commitments.

Products & Services:

Defence & Aerospace

Turnover: 500+

Focus Industry: Aerospace

Corporate Address

LARSEN & TOUBRO LIMITED
L&T House, N.M.Marg, Ballard Estate,
Mumbai, Maharashtra-400 004

Business Contact:

Laxmesh BH

Contact: +91 422 668 4041

Email: laxmesh.bh@larsenturbo.com

V Suresh

Contact no: +91 422 668 4126

Email: v.suresh@larsentoubro.com

LMW Aerospace & Defence

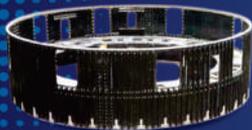


LMW Advanced Technology Centre (ATC) was established in 2010 to produce Metallic & Composites Aerospace systems, modules, assemblies and components. ATC is a one-stop shop for Aerospace majors. ATC has world-class manufacturing facilities, its Quality Assurance standards are aligned with AS 9100D certification and it has NADCAP accreditation for Special processes & Composites. Its Composites facility has processing and assembly capabilities of international standards to deliver a variety of composite and hybrid structures for space, aerospace and defence applications.

Aero Structure | Aero Engine | Space Structure | Ground Segment



Bay Door
(4m x 1.2m)



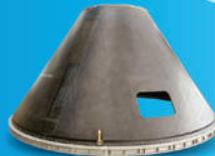
4m Dia Stiffened Structure
for GSLV Mk-III



5m Dia 10.7m Height Payload Fairing
Jig & Assembly For GSLV Mk-III



Interstage Assembly
(1.5m x 2m)



Payload Adaptor



Air Intake
Assembly

LAKSHMI MACHINE WORKS LIMITED

ADVANCED TECHNOLOGY CENTRE

489 - 511, Sathy Road, Ganapathy, Coimbatore - 641 006, INDIA.

E-mail: chana.shirkoli@lmw.co.in | info@lmw.atc.com | www.lmw.atc.com



LAKSHMI MACHINE WORKS LIMITED - ADVANCED TECHNOLOGY CENTRE

The Company:

LMW Advanced Technology Centre (ATC) was established in 2010 to produce Metallic & Composites Aerospace systems, modules, assemblies, and components. ATC is a one-stop shop for Aerospace majors. ATC has world-class manufacturing facilities, its Quality Assurance standards are aligned with AS 9100D certification, and it has NADCAP accreditation for Special processes such as Chemical Processing, Heat Treatment, Non-Destructive Testing, Welding & Composites. Our Composites facility has processing and assembly capabilities of international standards to deliver a variety of composite and hybrid structures for space, aerospace and defence applications. ATC has ongoing projects with ISRO at VSSC, DRDO, HAL and major OEMs in USA & Europe. ATC has been identified as Indian Offset Partner (IOP) in few significant programs.

Products & Service:

Aero-Structure segment: Structural sub-assemblies, Air Intake assembly, Fracture critical Wing parts for Fighter Aircraft program, Major structural assembly "Metallic Dome for Surveillance Aircraft. Tail boom assembly for Indian Helicopter program.
Aero-Engine segment: Bleed Valve assemblies, Complex engine parts such as Shroud Segment, Body Weldment, Compressor Discs and Casings among others.
Space Structure segment: Payload Fairing (Heat Shield), Payload Adaptors and Equipment Bay Shroud for VSSC GSLV Mk III program and Structural sub-assemblies for SSLV and PSLV programs.

Turnover: Rs. 104 Crores

Focus Industry: Aerospace

Corporate Address

LAKSHMI MACHINE WORKS LIMITED - ADVANCED
TECHNOLOGY CENTRE,
Advanced Technology Center, 489-511
Sathya Main Road, Ganapathy, Coimbatore-641006,

Business Contact:

Chanabasappa S Shirkoli
Deputy General Manager
Business Development
Contact: +91 8144921301



LUCAS TVS LIMITED

The Company:

Lucas-TVS is a ISO/ TS 16949 and OHSAS 18001 certified company with multi technology capabilities of design and manufacture various types of Motors, Generators and other electrical/electromechanical Sub - assemblies for Automotive & Defence applications.

Products & Services:

Starter Generators (10KW & 18KW) for T72/T90 Battle Tanks, Starters, Alternators & Wiper Motors for Defence Applications.

Turnover: N/A

Focus Industry: Automotive

Corporate Address

LUCAS TVS LIMITED
MTH Road, Padi, Chennai-600050,
India

Business Contact:

Anbzhagan Singaravelu
Contact: +91 9345040574
Email: dau_sa@lucastvs.co.in



MADRAS HARDTOOLS PVT LTD

The Company:

Established in 1972 having its headquarters in Chennai, Distributor in South India for "USHA MARTIN" make Wire Ropes and Wires and Manufacturers of Mech. Spliced and Hand Spliced Wire Rope Slings and Lifting Equipments, Polyester Web Slings, Distributors for "YOKE" for the Master Link, Assemblies and Hooks, etc., and Channel Partner for Crosby, Europe Products. Authorized Stockist for 8-Strand Mooring Ropes & Industrial PP Ropes. Manufacturers for Suspended Platforms, Electric Winches and PET Products. Best equipped company in India and Member of AWRF (Associated Wire Rope fabricators, USA) & ISSA (International Ship Supplier Assn. U.K.)

Products & Services:

Steel Wire Rope Slings, Steel Wire Ropes & Wires, Chains, Chain Slings, Chain Pulley Blocks, Anchor Chains, D-Shackles, Bow Shackles, Electric Winches, PP Ropes, Web Slings, Wind & Solar Power and PET Preforms, PET Bottles & HDPE Caps.

Turnover: INR 238.16CRORE

Focus Industry: Aerospace

Corporate Address

MADRAS HARD TOOLS PVT LTD
No.1, Perianna Maistry Street,
Chennai 600001

Business Contact:

B.Ali Akbar/Huzefa A.Lehry
Contact: +91 9840070053/984006046
Email: Abl@madrashardtools.com
Huzefa@madrashardtools.com



MAITRAVARUNA TECHNOLOGIES PRIVATE LIMITED

The Company:

MAITRAVARUNA an (ISO 9001:2015, 14001:2015 & 45001:2018) company has been in operation at Chennai, for 2 years and has been involved in Inspection & Training of Major Companies in India & Overseas Their service includes a wide range of ultrasonic testing services, magnetic particle testing services, corrosion testing services, ultrasonic pulse velocity testing service etc. They offer NDT training certification and welding inspection services. Their clients include Nissan, CPCL, BHEL, Butterfly, L&T ship building etc.

Products & Services:

Inspection, Testing and Training

Turnover: NA

Focus Industry: Aerospace

Corporate Address

MAITRAVARUNA TECHNOLOGIES PRIVATE LIMITED

No:23, First Floor, Kamaraj Avenue 1st St, Contact: +91 8925042229/8925032229
Landmark:, above Starbucks, Kasturba Nagar, Email: enquiry@maitravaruna.com
Adyar, Chennai, Tamil Nadu 600020

Business Contact:

Sravan Kumar

www.ndt-maitravaruna.com



MAK CONTROLS AND SYSTEMS (P) LTD

The Company:

MAK is an engineering company being in business from 1973. Product lines include various types of high-tech Aviation Ground Support Equipment for Defence and Civil Aviation industry, Specialized Power Systems for varieties of Military programs for India & Abroad. Preferred Industrial partner for Indian Defence services and DRDO. Very strong in-house design capabilities. Interested in taking up any challenging projects. Offset partners with leading International companies in Israel, USA, and Russia etc. Looking for more such long term customers.

Products & Services: Design, Manufacture & Post-Delivery Activities of Power Systems, Dual Rectifier Containers, Shelters, Control, Command, Communication & Maintenance, Shelters, Self-Propelled Loaders, Self-Propelled Straddle Carriers, Smart Street Poles, Transport Frames, Missile Launcher Systems, Electric Primary Units For Naval Ships And Mil Grade Flat Bed/Semi Low Bed Trailers; And Manufacturing of Air Start Units, Preconditioned Air Units, Target Frames for Civil And Military Applications, Ground Support Equipment Such As Ground Power Units (Ac/Dc), Air Conditioning Units & Hydraulic Systems, Air Start Units, Apron Tractors, Transformer Rectifier Units, Load Banks And Battery Carts. Specialized Engineering Equipment Such As Power Systems, Auxiliary Power Units, Dual Rectifier Centres, Liquid Refrigerant Cooling Units, Motor Generator Sets, Rescue Trailers, Converters, Inverters, Power Conditioning Units, Static Frequency Converters, Battery Chargers And Uninterrupted Power Supply Units For Civil And Military Applications. 4.5Kw Underslung Constant Voltage Regulated Cum Emergency Battery Charger For Lhb Coaches Railways Applications & Alternators (6-180 Kva) for Civil and Military Applications.

Turnover: N/A

Focus Industry: Aerospace

Corporate Address

MAK CONTROLS AND SYSTEMS (P) LTD
7/41 B Civil Aerodrome (P.O), Avinashi Road,
Coimbatore - 641 014, INDIA.

Business Contact:

P.S.Sundaram
Contact: +91 98942 98885
Email ID: sundaram@makcontrols.com



MANO AIRCRAFT

MANO AIRCRAFT PRIVATE LIMITED

The Company:

Mano-1 aircraft is a 2 seater all carbon aircraft. We proudly present the combination of futuristic design and performance in an ultimate flying machine. The tandem seat design gives you a top-gun adrenaline experience and lets you control the aircraft independently. The aircraft is designed to be build-friendly keeping in mind for easy assembly for home-builders, as it comes in 5 different kits.

Products & Services:

Aircraft Manufacturing & Composite Manufacturing.

Turnover: N/A

Focus Industry: Aerospace

Corporate Address

MANO AIRCRAFT PRIVATE LIMITED
15, Abirami Nagar, Behind Cheran Nagar
G N Mills, Post, Coimbatore,
Tamil Nadu 641029

Business Contact:

Vignesh Manoharan
Contact: +91 8870971778
Email: vignesh@manoaircrafts.com

www.manoaircraft.com



Mark

MARK TECHPRO & CONSULTANTS PVT LTD

The Company:

Mark TechPro & Consultants Pvt. Ltd offers Advance Sealing, Wave Springs & Retainer rings, Special Coating Solution and Products.

Wave springs & Retainer rings from SMALLEY, USA (www.smalley.com). Diconite dry lubrication coating services from Lubrication sciences International, USA (www.diconite.com).

Mark TechPro & Consultants Pvt. Ltd. functions as Technical & Business Development Consultant and Manufacturer representatives in India and offers Business development services to the engineering companies from USA & Europe.

Product & Service:

Wave Springs, Retaine rings & Special Coating Solutions & Products.

Turnover: NA

Focus Industry: Aerospace

Corporate Address

MARK TECHPRO & CONSULTANTS PVT LTD
Regus Olympia, Olympia Tech Park, Level: 2
ALTIUS Building, No: 1, SIDCO Industrial Estate,
Guindy, Chennai-600032, Tamil Nadu, India

Business Contact:

S.M.Kanakaraj

(Managing Director)

Contact: +91 8939880655/9444376957

Phone & Fax: +91 44 22245829

Email: raj@mark-consultancy.com

MELSS

Enabling you to stay ahead of time

Serving the Indian Armed Forces for 25+ years

Products/Solutions:

- Automated Test Equipment's (ATE's) for LRU/SRU Testing
- Airborne units, Ship Mounted and Truck/Tank Mounted Units
- Data Acquisition Systems
- Maintenance / Operational Simulators
- MIL Std Design and Manufacturing
- Obsolescence Management and Ruggedisation of Electronic Units
- Software Development
- Robotics
- Automation and Control Products
- Fiber Optics Research Components / Photonics

ATE



Certifications:

ISO 9001:2015 ; ISO : 27001:2013, CEMILAC

Avionics LRU



Subsystem in IAC P71



Aircraft System Simulator



For Enquiries Contact projectsbd@melss.com 95001 23276 / 87549 57045



MEL SYSTEMS AND SERVICES LTD.

173, Developed Plots Estate, Perungudi, Chennai - 600 096, India

Tel: +91 44 2496 1903, 2496 1904 | Fax: +91 44 2496 0488

Email : sales@melss.com | Web : www.melss.com

Ahmedabad | Bengaluru | Chennai | Coimbatore | Delhi | Kolkata | Mumbai



MEL SYSTEMS AND SERVICES LIMITED

The Company:

We, MEL SYSTEMS AND SERVICES LTD (MELSS) are an Engineering and Technology solutions company providing cutting edge products and technologies to the Electronics, Aerospace, Defence and Space Industry over the last 25 Years. Our Major Products are Automated Test Equipments/Custom Test Rigs, Built to Print products, Data Acquisition Systems, Air borne/Ship borne/Tank mounted products, Operation and Maintenance Simulators, Control Panels (MCC and PLC Panels), Obsolescence management, Ruggedization, Software development, Robotics and Process Automation Systems. Our Head Office is located at Chennai. We have Branch offices in cities of Mumbai, New Delhi, Coimbatore, Bangalore, Kolkata and Hyderabad. We execute projects all over India and have executed more than a 1000 Turnkey projects and have supplied and commissioned tens of thousands of standard electronic instruments and equipment's from our international principals. We also have our customer base in 20+ Countries.

Products & Service:

Automated Test Equipments/Custom Test Rigs, Operation and Maintenance Simulators, Air borne/Ship borne/Tank mounted Products, Built to Print products, Data Acquisition Systems, Obsolescence management and Ruggedization, Software development ,Robotics and Process Automation Systems.

Turnover: FY 2021-2022: Rs 86.30 Crores

Focus Industry: Aerospace

Corporate Address

MEL SYSTEMS AND SERVICES LIMITED
173, Developed Plots Estate,
Perungudi, Chennai-600 096, India

Business Contact:

C.G.GAUTAM
Contact: +91 9500123276
Email:projectsbd@melss.com



METALLIC BELLOWS

[INDIA] PVT LTD.

WHO WE ARE

Metallic Bellows (India) Pvt. Ltd., was incorporated on February 08, 1980, with the Registrar of Companies. In India Metallic Bellows is a pioneer in bellows manufacturing.

The Company started its production in 1984, as R.Gopalakrishnan the founder developed the manufacturing techniques through intense R & D.

One of the products taken for development by him was Bellows for the exhaust manifold. With the knowledge gained in developing Bellows, a separate company M/S Metallic Bellows (India) Pvt. Ltd., was established. RG with his vision and hard work has developed and nurtured Metallic Bellows through 30 years of tremendous growth.

LOCATION :

M/S METALLIC BELLOWS (I) PVT. LTD is located along the Bay of Bengal sea coast in Chennai (Southern part of India) and is situated at a distance of 25 Kilometers from Airport and Railway Station.

Situated in one acre of land, i.e., 4100 Sq. meters, the factory has a built in area of 2700 Sq.meters out of which 2500 Sq.meters covers works area and 200 Sq.meters covers the office area.

KEY CUSTOMER :

India Space Research Organisation (ISRO), Aeronautical Development Agency (ADA), Hindustan Aeronautic Ltd (HAL), National Aerospace Laboratories (NAL), DARE, DRDO, NPCIL, IGCAR, DAE, SIEMENS & etc....

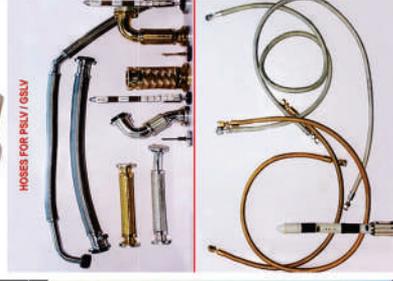
OUR PRODUCTS : METAL BELLOWS FOR SPACE, AEROSPACE, VALVES, OTHER INDUSTRIES, METAL HOSES, WELDED BELLOWS, SHEET METAL COMPONENTS & HYDROFORMED PIPE FITTINGS

PRODUCT RANGE : OUR MANUFACTURING RANGES ARE DIA 6 MM TO DIA 8100 MM IN VARIOUS MATERIALS WITH MULTI PLY. OUR BELLOWS CAN WITHSTAND HIGH TEMPERATURE UPTO 1200°C AND LOW TEMPERATURE (CRYOGENIC) CONDITIONS.

QUALITY ACCREDITATION : ISO 9001 : 2015 & AS 9100D



SPACE BELLOWS



Address for communication :

G. Shankar

Director

Metallic Bellows (India) Pvt. Ltd.,

Plot no: S16 & S17 SIPCOT AEROSPACE PARK,VALLAM VADAGAL, VALLAM VILLAGE,SRIPERUMBUDHUR TALUK, KANCHIPURAM DISTRICT, TAMIL NADU – 602 105

Tel No. : 044-67110100/111/121/129

E-Mail : shankar@metallicbellows.com,
design@metallicbellows.com

Web : www.metallicbellows.com

India Space Research Organisation (ISRO), Aeronautical Development Agency (ADA), Hindustan Aeronautic Ltd (HAL), National Aerospace Laboratories (NAL), DARE, DRDO, NPCIL, IGCAR, DAE, SIEMENS & etc....



METALLIC BELLOWS (INDIA) PRIVATE LIMITED

The Company:

Metallic Bellows was founded in 1980, in Chennai, South India and we are pioneers in the design, development and manufacture of bellows and allied products including welded bellows, hoses, hydro formed pipe fittings for aerospace, defence, process industries, valves and energy applications. Our manufacturing size ranges from 6mm diameter bellows to 8100mm diameter bellows, and our bellows are designed to withstand extreme temperature conditions, as high as 12220 degree Celsius as well as cryogenic conditions. Our state of the art facility covers over 75000 sqft of built up space, with earmarked areas for future expansion. Our corporate office is also housed in the same premises, at the Aerospace Park, SIPCOT Industrial Estate, Sriperumbudur, Tamil Nadu.

Products & Services:

metallic bellows/ expansion joints, hoses, accumulators, gimbal assemblies, hydroformed pipe bends components.

Turn over: INR 33, 00, 00, 000

Focus Industry: Aerospace

Business Contact:

G.Shankar

Contact: +91 9840892441

9941085424

Phone & Fax: +91 044-42815560

Email:shankar@metallicbellows.com

design@mettallicbellows.com

Corporate Address

METALLIC BELLOWS (INDIA) PRIVATE LIMITED

3/136, East Coast Road, Vettuvankeni,

Chennai-600115

ALL TESTING UNDER ONE ROOF

Microlab is an evolution in the testing industry. This evolution is a story of people, expertise, and learning over 20 years. Microlab story is simple beginnings to an institution to its present stature offering testing services to a wide range of industries. To put it simply, from the pen one writes to the planes one travels, Microlab's testing expertise makes it a safer and higher quality environment by ensuring that the appropriate materials are available to people.



CONTACT US
+91-9940498615

TESTING - DEPT.

- ✓ Mechanical
- ✓ Chemical
- ✓ Metallography
- ✓ Corrosion
- ✓ Fatigue & Fracture
- ✓ SEM Analysis
- ✓ Paint
- ✓ Plastics & Rubber
- ✓ Specialty & Gas Analysis
- ✓ Construction Material



METAL



SPECIALTY



PAINT & POLYMER



SEM ANALYSIS

HEAD OFFICE

SP 101, 2nd Main Road, Ambattur Industrial Estate,
Ambattur, Chennai – 600 058

✉ cre@microlabtesting.com 🌐 www.microlabtesting.com

"Precise Your Quality With US"

📍 CHENNAI 📍 COIMBATORE 📍 HOSUR 📍 BANGALORE

MICROLAB

The Company:

Microlab is an NABL Accredited Laboratory providing services tailor-made for Aerospace and Defence sector. Apart from regular mechanical, chemical testing of specialised alloys (Titanium, Aluminium) and composites, we also have a dedicated Fatigue and Fracture Toughness Facility to help you determine the SN curve of materials, and susceptibility to crack propagation. We are also equipped with a Scanning Electron Microscope with an EDX attachment to study fracture surfaces and a team of specialists to carry out failure investigations. Our dedicated EDM wire cut, CNC, VMC facility can handle a wide range of hard materials required for testing

Microlab is a one-stop solution for testing your metals, plastics, rubber, composites, paints, and more. With over 15 years of experience in testing, we will not only provide you with quick test certificates needed to meet your deadlines, but also work with you to bring about a better product quality.

Product & Services:

Metal Testing, Plastic Testing, Fatigue Testing, Paint Testing

Turn over: N/A

Focus Industry: Aerospace

Corporate Address

MICROLAB
SP 101, 2nd Main Road, Ambattur Industrial Estate
Ambattur, Chennai - 600058, Tamil Nadu, India.

Business Contact:

B.Sudharsan
Contact: +91 7550055199
Email: sb@microlabtesting.com



MICRO-TECH CNC PRIVATE LIMITED

The Company:

ONE-STOP SHOP FOR ALL YOUR MACHINING, SHEETMETAL, HEAVY FABRICATION AND ASSEMBLY ENGINEERING NEEDS.

1. Micro-tech associated with the aerospace industry for the past 10 years
2. Three Decades of experience in manufacturing and a great deal of customer satisfaction track record
3. Acquired precision & sophisticated CNC controlled manufacturing facilities & pioneered in Machining, Stamping, Pipe forming, Fabrication and assembly with all required quality assurance and finishing processes.
4. Acquired IATF 16949 and ISO 9001:2015 (Automotive), AS 9100D (Aerospace) Quality certification.
5. Catering to Automotive, Aerospace, medical, Industrial & Energy segments. Developed expertise in Hydraulic pumps, AC pipelines, Connector shells, high precision machining & Heavy Engineering fabrication.
6. Partnered with Industry leaders for manufacturing such as TE connectivity, Boeing defence, Daimler, Ford, Hyundai, Parker, LM, GE, Terex

Products & Services:

Automotive, aerospace and defence, hydraulic components, heavy and medium fabrication and sheet metal components

Turnover: INR 126 CRORES

Focus Industry: Aerospace

Corporate Address

MICRO-TECH CNC PRIVATE LIMITED
Plot No-16E, SIPCOT Phase-II,
Hosur, Tamil Nadu

Business Contact:

P Ravi
Contact: +91 9487800103
Email: ravi@microtechcnc.in



MILLTECH CNC

MILLTECH CNC

The Company:

MILLTECH CNC is established in the year 2002 with a bold and innovative high-tech initiation of well Qualified MILLTECH Engineers. We started functioning from our CNC Machining Unit I(Ekattuthangal) and added the second Heavy Duty Machining unit at Thirumudivakkam. We got ISO 2001:2015certification for our Unit I. We have More than 25 years of experience in providing high quality heavy and critical Fabrication, machining, Assembly, Surface Treatment, Painting of many engineering goods for different applications like ISRO, Brahmos, Earth moving Equipment, Thermal power plant High Pressure Tank and other items, Machining of Heavy forging alloys, Valve Bodies, Impellers, Defence Products, high precision aerospace components etc., to giant Corporate Companies both Private and Government.

Products & Services: Heavy and critical Fabrication, machining, Assembly, Surface Treatment, Painting of many engineering goods for different applications like ISRO, Brahmos, Earth moving Equipment, Thermal power plant High Pressure Tank and other items, Machining of Heavy forging alloys, Valve Bodies, Impellers, Defence Products, high precision aerospace components etc., to giant Corporate Companies both Private and Government.

Turnover: -

Focus Industry: Aerospace

Corporate Address

MILLTECH CNC
80, Ganapathy Nagar 1st St, Ekkatuthangal,
Chennai, Tamil Nadu 600032

Business Contact:

Baraneetharan.I
Contact: +91 9444058659
Email: btharan76@gmail.com



MISTRAL SOLUTIONS PVT. LTD

The Company:

Incepted in 1997, Mistral is a technology design and system engineering company providing end-to-end embedded product design and development services for global customers. With over 25 years of experience, Mistral is one among the leading embedded product design and development companies in Bangalore delivering business value across the entire product engineering lifecycle. Mistral has over 25 years of experience in providing board and system-level Aerospace and Defence Electronics that meet the stringent requirements of rugged ground, airborne and naval applications. Being among the leading Defence and Aerospace companies in Bangalore, Mistral works with Aerospace and Defence OEMs involved in Make in India Projects, Defence R&D, Space Research Organizations and TIER-1 suppliers providing board and system-level defence solutions.

Products & Services:

Mistral offers advanced Aerospace and Defence Solutions and Product Engineering Services that cater to leading Indian Defence Contractors, Defence Electronics and Aerospace Companies in Bangalore and India. Mistral is among the leading Defence Electronics India and Aerospace companies in Bangalore offering complete, end-to-end system engineering, build-to-print and build-to-specification services for developing complex Defence Electronics systems.

Turnover: INR 285 Cr.

Focus Industry: Aerospace

Corporate Address

MISTRAL SOLUTIONS PVT. LTD
No.60, 'Adarsh Regent', 100 Feet Ring Road,
Delmar Extension, Bangalore – 560 071.

Business Contact:

Mujahid Alam
Contact: +91 9845003215
Email: info@mistralsolutions.com

MTAB

www.mtabautomation.com

MTAB ENGINEERS PRIVATE LIMITED

The Company:

MTAB is a woman-owned MSME manufacturer with a 35+ year history of delivering world-class solutions in advanced manufacturing and automation. We are in the top three global brands in skill development and have collaborated with renowned institutions like IIT-Madras & Delhi, CAIR-DRDO, Anna Univ., and more. It's the first company in India to build articulated robots, mobile robots, CNC dental machines, and flexible manufacturing systems. MTAB Technology Centre Pvt Ltd (MTC) was established in 2011 as a spin-off from MTAB Engineers. MTC offers Abhyaz, a Talent Management Platform for organizations & individuals, where organizations can operate remote internships and manage training programs, and individuals can enhance their talent through remote internships and returnships. MTC also provides CNCTrain, a Skill Delivery Platform for Manufacturing OEMs, Universities & alike, where OEMs can digitize their training operations and operate Digital Skill hubs for their ecosystem, and Skill Universities & alike can deliver skills through assessments, workshops, and courses.

Products & Services:

Multi-axis CNC machinery, Robotic Arm & Mobile Robots, Digital transformation for Industry & education, Industry 4.0 & Smart Factory Automation, Education 4.0, Skill Developments, workshops and DIY Kits.

Turnover: INR Rs. 267,951,656

Focus Industry: Aerospace

Corporate Address

MTAB ENGINEERS PRIVATE LIMITED
133, Developed Plot, Electrical & Electronics,
Industrial Estate, Perungudi,
Chennai 600 096, Tamil Nadu.

Business Contact:

Sashi Sairaman
Contact: +91 044 4311 1114
Email: ssairaman@mtabtechnology.com



NADI AIRTECHNICS PVT LTD

The Company:

With over 60 Years of experience in manufacturing Industrial Fans and Blowers, Nadi Airtechnics offers high-quality Industrial Fans to Global Customers across multiple industries. Nadi is Certified for ISO 9001, ISO 14001, ISO 45001 and AAR by TÜV Rheinland, Association of American Railroads, TÜV NORD GROUP for standards.

Products & Services:

Industrial Fan and Blowers

Turnover: -120 Cr

Focus Industry: Automotive

NADI AIRTECHNICS PVT LTD

Survey No: 9/11,9/12,114/1A GNT Road,
Azinjivakkam, Jeganadhapuram 1 Revenue Village,
Ponneri Taluk, Thiruvallur District 600067.

Business Contact:

N. Jayanthi

Contact: +91 9381063406

Email: jayanthi@nadiairtechnics.com

natesans

Synchronizing motion... with precision



NATESAN SYNCHROCONES PVT LTD

The Company:

Natesan is a global player in the Aerospace and Automotive Industry catering to marquee OEMs and Tier 1s. Natesan has a culture of Innovation and introduced numerous first in India Technologies developed in-house or through global partnerships.

It has received the prestigious Technology Development award from the Government of India, Best Supplier Award from HAL, and Best Product Innovation award from ACMA selected by an OEM Jury. Natesan's 'Customer First' philosophy has enabled it to win numerous awards from customers year after year.

Natesan has end to end capability in the areas of Design, Validation, Testing, Tool and Die manufacturing, Precision manufacturing, Friction materials, special processes besides comprehensive metrology and metallurgical capabilities. It handles wide range of materials including Cast Iron, Steel, Stainless Steel, Brass, Aluminium, Titanium and Nickel based Super alloys. Natesan has a Joint Venture Kyowa Natesan Synchro Technologies Pvt. Ltd to focus on patented products.

Natesan has modern manufacturing facilities in Tamil Nadu and Uttarakhand. The facilities are AS 9100D, IATF 16949, ISO 14001, NABL certified. Natesan's state of the art Research and Development Centre is recognized by the Department of Scientific and Industrial Research, Government of India.

Natesan has Wind Energy Generation capacity of over 10MW and is a net contributor of green energy to the grid. It is a socially responsible company supporting projects in education and healthcare.

Products & Services:

Manufacture of aero engine aerofoils and automotive components and assemblies.

Turnover: INR Rs 315 crores

Focus Industry: Aerospace

Corporate Address

NATESAN SYNCHROCONES PVT LTD,
54/4 Paulwells Road, Sripuram Colony,
St. Thomas Mount, Chennai 600016, India

Business Contact:

Vasu Parthasarathy

Contact: +91 9894011313

Email: corporate@natesan.co.in



nROOT TECHNOLOGIES PRIVATE LIMITED

The Company:

1. nRoot Technologies Private Limited, Thanjavur, Tamil Nadu is a defence start-up established by Veteran Wing Commander M Jeyakumar. Team nRoot is unique in its composition and specializes in Collaborative R&D and Coordinated Manufacturing by synergizing the efforts of enterprising technocrats, innovators, retired soldiers, professionals, agriculturists and educationists.
2. Our projects include Missile Simulation and Automation of Proof Firing Range involving hybrid technologies like IoT, AR/VR, Robotics, Drones, Optronic, Renewable Energy, Wireless Communication and Weapon Simulators and AR/VR based Driving Safety Simulator for trucks.
3. We also support the Indian Army to enhance operational effectiveness through our indigenous efforts to automate the Proof Firing Ranges at CPE, Itarsi and LPR, Khamaria, as part of Digital DGQA. We have also supplied various indigenous products/services including Airborne Observation Post, C2C System, Aerial Survey & Digital Mapping, as part of Project DRISHTI, which is first of its kind in the world of QA.

Products & Service:

R&D in Collaboration with Academia and MSMES, Indigenous Design Development & Manufacturing (IDDM) and Integration of Innovative Product/Services, Greenfield Projects Involving Hybrid Technologies Including AI Based Drone, Evehicle, AR/VT, Electro-Optics, Computer/ Information Technology, Automation, Simulation and Renewable Energy.

Turn over: INR Rs. 50, 48,000 (Rupees Fifty Lakh Forty Eight Thousand Only)

Focus Industry: Aerospace

Corporate Address

nROOT TECHNOLOGIES PRIVATE LIMITED
139/1B, Nroot Headquarters
Near Air Force Station Thanjavur, Pudukkottai Road,
Mappillai Nayakkanpatti, Thanjavur-613403

Business Contact:

Veteran Wing Commander M Jeyakumar
Chairman & Managing Director
Contact: +91 9711564544



NUCLEUS CONSULTANTS

The Company:

Nucleus Consultants creates value and promote changes to the organisation systems. Providing Consulting, Training and Pre-Auditing services to AS 9100, AS 9110, AS 9120, AS 13100, NADCAP, ISO/TS 22163 - IRIS, IATF 16949, ISO 13485, TL 9000, ISO 9001 and Other Management Systems and certifications.

Products & Service:

S 9100, AS 9110, AS 9120, AS 13100, NADCAP, ISO/TS 22163 - IRIS, IATF 16949, ISO 13485, TL 9000, ISO 9001

Focus Industry: Aerospace

Turn over : N/A

Corporate Address

NUCLEUS CONSULTANTS,
No; 53, Sri Venkateshwara Nagar, 5th Street,
Puthagaram, Kolathur,
Chennai-600 099, Tamil Nadu, India

Business Contact:

T. Karthi
Contact: +91 9600001996
Email: info@nucleus-india.com



M/s. OPERATIONAL ENERGY GROUP INDIA LIMITED

The Company:

A dedicated company providing professional consulting and contracting services in the areas of Operation & Maintenance for power plants and process plants. We provide our customers "one stop solution for all your O&M needs" through OEG with consistency, quality and safety performances as the key defining factors. Managed by a team of professionals with extensive power plant experience in various disciplines. Currently we are operating more than 50 Plants having total capacity of about 5500 MW across India & Overseas with technically skilled manpower strength of 3500 Personnel in our Pay Rolls.

Products & Services:

Operation & Maintenance of Power & Process Plant

Turnover: INR Rs. 253.49 Crs (2021-22)

Focus Industry: Aerospace, Automotive, Process Industry and Railway

Corporate Address

M/s. OPERATIONAL ENERGY GROUP INDIA LIMITED
Gokul Arcade, 5th Floor, East Wing, Sardar Patel Rd,
Adyar, Chennai, Tamil Nadu 600020
manikandan@oegindia.com

Business Contact:

G. Manikandan
Contact: +91 9500092037
Email : manikandan@oegindia.com

PERFECT GEARS (CHENNAI) PVT LTD

The Company:

We are manufacturers of precision gears .i.e. Spur , Helical, Straight Bevel Gear, Worm, Splines etc for the last 46 years. Our clientele are both local and global from Automotive / Aerospace / Agriculture/Automation / Industrial / off highway / Medical / Railway sectors.

We have built a good infrastructure with a shop floor space of 30000 square feet with modern CNC machines for manufacturing and inspection to meet the demanding needs of our OEM customer's .i.e. Gear grinding / skiving / shaving / hobbing / broaching / shaping / tooth rounding/super finishing etc. We can manufacture gears of DIN class 3 / AGMA class 12 gears and assure the quality with our Mahr Lead and Profile gear tester. We are a self-certified supplier to our major OEM customers. For more details please visit www.Perfectgears.in

Products & Services:

Precision Gears and Gear Boxes.

Turnover: N/A.

Focus Industry: Automotive.

Corporate Address

Perfect Gears (Chennai) Pvt Ltd,
No.2, Vembuliamman Koil, 1st Cross Street,
Udhayam Colony, KK Nagar (West),
Chennai-600078

Business Contact:

K.Chandrasekaran

P.Panneerselvam

Contact: +91 8939992015, 9150590651

Email: marketing@perfectgears.in

office@perfectgears.in

Polyhose®

Providing Flexible Solutions Globally

POLYHOSE INDIA PVT. LTD

The Company:

Manufacturer of High Pressure Thermoplastic PTFE Hose, Rubber Hydraulic hose, Fluid Connectors. Accredited with NADCAP, AS9100D for Design, Development of Hose and Hose assemblies

Products & Services:

Design, Development, Manufacture and supply Hose and Hose assemblies

Turnover: 200MN USD

Focus Industry: Aerospace

Corporate Address

POLYHOSE INDIA PVT. LTD
Polyhose Towers, 8th floor- West wing,
No.86 Mount Road, Guindy,
Chennai 600032, Tamil Nadu, India

Business Contact:

Meena Goel
Contact: +91 75500 79120
Email : meena.g@polyhose.com



PLANET-X AEROSPACE SERVICES PVT.LTD

The Company:

Planet-X Aerospace Services Pvt.Ltd started by a team of veterans from the Indian Armed Forces, having chosen to utilize the Flying and Technical Aviation experience gained in the defence services into career in the civil world. Planet-X Aerospace Services Pvt.Ltd is an Aviation Charters and Aerospace Services company, an entrepreneurial venture run by a team of highly experienced Aviation Professionals. Presently, we are in the initial stages of operationalization and our emphasis is on Tourism Development through business class helicopter charter flights.

Our various services in the aerospace domain in five different verticals. They are:

- (a) Helicopter Air Charter,
- (b) Aviation consultancy and Management services,
- (c) Gurukul (Training Academy)
- (d) Aircraft Engineering services
- (e) Air adventure sports.

Products & Services:

Turnover (2021): NA

Focus Industry: Aerospace

M/s Planet-X Aerospace Services Pvt.Ltd

Corporate Office : 78/4, SS Associates Building,
By-pass Road , Madurai Tamil Nadu, India – 625010.

Branch Office : 14/05, Sri Saaraa Towers,Dr. Balasundaram Road,
Coimbatore Tamil Nadu, India – 641037.

Business Contact:

Wg Cdr A Satish Kumar (Retd)
Director & CEO

Contact no: +91 6380 806 450

Email: md@planetxaerospace.com

Lt Cdr L Hariharan (Retd)
Vice President

Contact no: +91 91596 40001

Email: hariharan@planetxaerospace.com



PRIMAEAM

Your doorstep to the world of Additive Manufacturing

An extensive range of technologies and materials for AM under one roof with a world class manufacturing facility



About Us

Established in 2019 as a subsidiary of its own parent company SUNFAB. PRIMAEAM Solutions Private Limited is an Aerospace **AS9100D** and Medical **ISO 13485** Certified Additive Parts Design cum Manufacturing Company in Chennai, India. Having an extensive range of 3D printing materials in Metal and Thermoplastics. We offer products and services to Aerospace, Automotive, Consumer Electronics & Goods, Healthcare, Industrial Engineering, Process Industries and Transportation.



Orthopaedic Implants



Patient Specific Implants



Conformal Cooling Channels - Tooling**



Thrust Chamber - Aerospace**



3D printed Drones

Our Expertise



Design for Additive Manufacturing (DFAM)



Additive Manufacturing (3D Printing)



Biomedical Devices Design & Development

Scan Me



**Pic Courtesy : SLM Solutions



+91 98948 42487
+91 91760 58555



info@primaeam.com
www.primaeam.com
linkedin.com/company/primaeam



Plot No. 14, 3rd Main Road, Tower 'C',
Ground Floor, Kosmo One Business Park,
Ambattur Industrial Estate, Chennai - 600 058.
Tamil Nadu, INDIA



PRIMAEAM SOLUTIONS PRIVATE LIMITED

The Company:

Established in 2019 as a subsidiary of its own parent company SUNFAB. PRIMAEAM Solutions Private Limited is an Aerospace AS9100 D & Medical ISO 13485 certified additive parts design cum manufacturing company in Chennai, India. Having an extensive range of 3D printing materials in Metal and Thermoplastics under one roof, We Offer products and services to Aerospace, Automotive, consumer electronics, Consumer goods, Healthcare, Industrial Engineering, Process Industries and Transportation.

We provide 3D printing services using the following latest 3D printing technologies,

1. Electron Beam melting (EBM): Titanium & Cobalt Chromium.
2. Selective Laser Melting (SLM): Aluminium, SS 316 L, SS 17 4PH, Tool Steel & Inconel
3. Fused Deposition Model (FDM): High performance thermoplastic material for High strength, Heat resistance, Chemical resistance, Flame retardant like ULTEM, ANTERO, NYLON 12CF, PC, ABS ESD.
4. Multi Jet Fusion (MJF): Polyamide material like PA 11, PA12, PA 12GB and PP
5. Stereo lithography (SLA): Engineering grade resins like Grey pro and clear resin.
6. Fused Filament Fabrication (FFF): Composite material Onyx (Nylon + Carbon Fibre), Onyx Fire Retardant, Continuous Carbon fibre, Glass Fibre, Aramid fibre, Glass Fibre.

Products & Services:

1. Design for Additive Manufacturing
2. Topology Optimization
3. Manufacturing (3D Printing)
4. Post Processing & Data Optimization

Turnover: N/A

Focus Industry: Aerospace

Corporate Address

PRIMAEAM SOLUTIONS PRIVATE LIMITED
Plot: 14, 3rd Main road, Tower C,
Ground Floor Kosmo One Business Park,
Ambattur Industrial Estate, Chennai, 600 058

Business Contact:

Franklin Dathy
Business Head
Contact: +91 9894842487
Email:franklin@primaeam.com

www.primaem.com



PRIMIER ASTRA (A DIVISION OF PRIMIER EVOLVICS PRIVATE LIMITED)

The Company:

Premier Astra is the latest addition to Premier Evolvics Pvt Ltd, under the prestigious Premier Mills group that boasts of over 1000 Crores turnover and 5000 employees. Premier Evolvics Pvt Ltd has been serving customers in 58 countries for over four decades. Evolvics' core team of exceptional engineers have designed best-in-class products for testing machines in textile industries across the world. These products are qualified for global standards and best known for their resilience and reliability. Premier Evolvics has launched Premier Astra to address the fast-growing technology needs in the Aerospace & Defence landscape. This exclusive division is AS 9100 D certified, helmed by engineers who have worked extensively in Aerospace & Defence related product development and carry a wealth of experience & acuity in developing the right solutions for the right customers. Our core team consists experienced designers from Electrical, Electronic and Mechanical Backgrounds with experience in Defence and Aerospace Domain. We design, develop, manufacture and support the entire life cycle of Mechanical, Electronics, Avionics, Electrical & Robotic products.

Products & Services: ATC, Avionics airborne, Communication, Ground part, Power electronics, motor control system, UAV, UGV, Printed circuit board, Security system.

Turnover: N/A

Focus Industry: Aero space

Corporate Address

Primier Astra (A Division of Primier Evolvics Private Limited)
SF NO.9/6, Kulathur road, Venkitapuram Post.
Coimbatore: 641062, Tamil Nadu, India

Business Contact:

Cpt. Hariharan
Contact: +91 9496575395
Email: hariharan@premierastra.com

www.premierastra.com

QMAX TEST EQUIPMENTS PVT LTD

The Company:

Qmax was founded in 1993, with a vision to be the world leader in testing, is a pioneer in developing & delivering Automated test equipment (ATE) solutions to global customers in high technology areas like Defence, Aerospace, Semi-con, industrial automation. Qmax now offers a wide range of ATE solutions for testing electronic circuit cards, Wire Harness assemblies, Robotic Flying Probe Testers , Portable V-I Signature Testers , Boundary Scan Testers, Reverse Engineering Systems, Power Supply Testers, Toll-way Logic Systems, USB Instruments, General purpose Test and Measurement instruments, Re-work stations for SMD/BGA, High quality Soldering Stations, De-soldering tools, Inspection Systems, Programming tools, Battery Test Systems , Trainer Systems on Test Engineering etc.

The infrastructure of Qmax includes 33,000 sq.ft premises at Sholinganallur, Chennai with state-of-the-art amenities for R&D viz. Hardware Design, Software Development, Product Application Engg, Manufacturing activities. The Company's facility is equipped with High end BGA Rework System, AOI System, Wave Soldering, SMD Reflow and Automatic Pick &Place Machines. Qmax is an AS9100D and ISO9001:2015 certified company.

Services:

Automated Test Equipment (ATE) Systems, LRU Level and System level Testers , Cable Harness Testers, Robotic Flying Probers, Board Functional Testers, Semi-con IC testers, Boundary Scan Testers, Power Supply Testers, PCB Test, Troubleshooting and Diagnostic Systems, Customized Build to design a Build to spec projects .

No. of Manufacturing units: 1 Turnover: USD 7.26 Mn; Euro 6.38 Mn;
INR 53.30 Crore

Certifications: ISO 9001 : 2015 and AS 9100D

Qmax Test Equipments Pvt Ltd

6, Elcot Avenue, IT Expressway, Sholinganallur,
Chennai 600 119, India.

Business Contact:

V. Vijayakumar

GM (Sales and Marketing)

Mobile: +91 98408 88893

Email: sales@qmaxtest.com

Rajkumar Clement

VP (Sales and Marketing)

Mobile : +91 97899 78897

Email: sales@qmaxtest.com

RABWIN

RABWIN INDUSTRIES PRIVATE LIMITED

The Company:

We, Rabwin Industries Private Limited, have been in the manufacturing sector since the year 2000. We are currently supplying critical parts for Pump, Switch gears, Valve, Automotive, Heavy Engineering, Conductor, Aerospace & Defence components to over 50 customers across 18 countries. We are handling more than 12,000 parts of volume ranging from 1 -10,000 nos and of size 6 mm to 3 Metres. Most of our parts have been developed as an alternate to imports for our esteemed customer like GE, CATERPILLAR, VOLVO, ZF, BAKER HUGHES, TOSHIBA, XYLEM etc.

We have a very good Engineering team with CAD/CAM facility to make any critical parts with 5 Axis.

Apart from regular material, we also handle super alloy materials like Titanium, Haste Alloy, Stellite, Monel, Inconel, Alloy 20, Ferralium, SCM420V, D2 & M4 with batch volume as low as 1no.

We are an ISO 9001, 14001, 45001, IATF 16949 & AS 9100 certified company. We are looking for Strategic partners to enter into JV or contact manufacturing or indigenisation of agriculture, food processing, defence & aerospace parts promoting Make in India initiative. Also, we are ready to invest in equipment and infrastructure to cater for the growing demands.

Products & Services: We are currently supplying critical parts for Pump, Switch gears, Valve, Automotive, Heavy Engineering, Conductor, Aerospace & Defence components.

Turnover: 220Cr

Focus Industry: Aerospace

Corporate Address

RABWIN INDUSTRIES PRIVATE LIMITED
SF.NO.138/2, SNMV College Road,
Malumichampatti (PO),
Coimbatore-641 050, Tamil Nadu, India.

Business Contact:

Dharun
Contact: +91 9342092785
Email : b.dharun@rabwin.in



ROCKFORT ENGINEERING INDUSTRIES

The Company:

We ROCKFORT ENGINEERING INDUSTRIES, a subsidiary of OPERATIONAL ENERGY GROUP INDIA LIMITED. Introduce ourselves as a Manufacturer and Supplier of Electrical and Electronic Systems, switchgears, panels, distribution units, etc. for various Defence PSU (Previously Ordnance factories Board) Armed Vehicles Nigam Limited (Heavy Vehicle Factory, Avadi, Chennai, Ordnance Factory Medak, Gun Carriage Factory, Jabalpur, etc.) for the past 3.5 Decades. ROCKFORT is manufacturing various products for T72 Tanks, T90 Bhisma Tanks, MBT Arjun Tanks, BMP-II Tanks and also catering services in Overhauling of various Products with in house various plant and machinery viz., Lathe Machine, Vertical Milling Machine, Drilling Machines, Linishing Machine, Coil Winding Machine, Dry Heat Oven, DC and AC supply Systems, compression moulding machine, Vibration Test Table etc., The products are 100% Quality tested before despatch.

Products & Services:

- 1) Sets of Items for Turret Electrical Equipment KIT B (BMP-II tank)
- 2) Sets of Items for Hull Electrical Equipment KIT B (BMP-II tank)
- 3) Set of Items for NBC Protection System for T72 Tank
- 4) Control panels, Automatic Circuit Breakers, Contactors, Fuses and Various Items
- 5) Firing Mechanism and Trigger Mechanism for L70 Gun and Spare products for T72 tank, t90 tank, BMP-II Tank, MBT Arjun Tank etc.

Turnover: N/A

Focus Area: Aerospace

Corporate Address

ROCKFORT ENGINEERING INDUSTRIES
No.11, Sidco, Industrial Estate,
Thirumudivakkam, Tamil Nadu 602109

Business Contact:

R.Vijay
Contact: +91 9500092023
Email: vijay@oegindia.com

ROOTS AEROSPACE DIVISION

- ROOTS is a 40+ Years heritage company in India, based at Coimbatore, Tamil Nadu having its Business presence in Automotive, Medical, Aerospace, Castings, Injection Mouldings, Tooling's, Industrial Cleaning, Office Furniture's, Motors and Electric Vehicles.
- ROOTS Aerospace Division is a part of 100 Million USD ROOTS Group and Certified for Aerospace Standard AS/EN 9100:2016 Rev D.
- By focusing on the growth of the Aerospace sector in India, we are poised to become a leading player in Aerospace Industry.
- We have a strong presence in India & Globally.
- Our moto is to deliver simple solutions for complex problems, with the best of technology and we are committed to excel further in the future through innovative solutions and globally renowned products.
- State of art machines with 4th and 5th axis with Completely Integrated Infrastructure and Dedicated inspection facility.
- Equipped with class 100k Clean Room facility to assemble the components as per the Customer Standards.
- Steam Cleaning, Ultrasonic cleaning & UV Inspection chamber for cleaning and inspecting components.
- NABL accredited In-house laboratory for Calibration and Testing.
- Strong capable Supplier base to meet Aerospace Standards (NADCAP Approved Vendors).

IN-HOUSE MANUFACTURING FACILITES:

Stamping, Casting, Plastic Moulding, Fabrication, Tooling and High Level Assemblies

QUALITY INFRASTRUCTURE

MACHINING AND ASSEMBLY SHOP FLOOR



- VMC : Brother, Fanuc, Makino, Fadal, Okuma, Takiswa, Mugaturn, Doosan.
- CNC Lathe : Citizen, LMW Smartrun, GEEDEE WEILER.
- CMM : Carl Zeiss





ADDING VALUE

ROOTS INDUSTRIES INDIA LIMITED

The Company:

ROOTS is a 45+ Years heritage company in India, based at Coimbatore, Tamil Nadu having its Business presence in Automotive, Medical, Aerospace, Castings, Injection, Mouldings, Tooling Industrial Cleaning, Office Furnitures ,Motor and Electric Vehicles. ROOTS Aerospace Division is a part of 100 Million USD ROOTS Group and Certified for Aerospace Standard AS / EN 9100: 2018 Rev D & we are poised to become a leading player in Aerospace Industry. Our motto is to deliver simple solutions for complex problems, with the best of technology and we are committed to excel further in the future through innovative solutions and globally renowned products. State of art machines with 4th and 5th axis with Completely Integrated Infrastructure and Dedicated inspection facility & Equipped with class 100k Clean Room facility. NABL accredited In-house laboratory for Calibration and Testing. Strong capable Supplier base to meet Aerospace Standards (NADCAP Approved Vendors).

Products & Services:

Mechanical Components, Sub-Assemblies, Ready to Fit Modules, High Level Assemblies.

Turnover: 454 Crore

Focus Industry: Aerospace

Corporate Address

ROOTS INDUSTRIES INDIA LIMITED
RKG Industrial Estate, Ganapathy,
Coimbatore-641006.

Business Contact:

Prasath
Contact: +91 9500917172
Email : prasath@roots.co.in



SAI PRANAV INDUSTRIES

The Company:

SAI Pranav Industries based in Chennai, one of the leading Precision components manufacturing companies in the Defence and Aerospace Arena. The company is managed by Mr.Vivek Seetharaman aided by a team of Senior Managers & Engineers. We are the suppliers of hardware components to projects such as PSLV, GSLV, AGNI, Pilotless Target Aircraft, Sukhoi etc. We are empanelled with ISRO, DRDL, ASL, NAL, ADE and ordnance factories to embark on high tech aerospace and defence hardware. The company has got a total built up area of around 50000SF in a total land area of around 2 Acres. We have got state of the art CNC machines, Plate Bending machines, Welding machines, Measuring Instruments. We execute different range of materials from Carbon Steel, Mild Steel, SS, Aluminium, Titanium, 15CDV6, Maraging Steel etc., We utilise latest CAD/CAM softwares for programming and DNC software for transferring to various CNC machines.

Products & Services: Impeller, Inducer, Turbine Blades, Stage separation systems, Engine components, Strap on Nose cone assembly, Nose cone structure, Skin Panels.

No. of Manufacturing unit(s): 1 unit

Turnover (2020): USD 1 Mn; Euro 0.8 Mn; Rs 7.5 Crs.

Certifications & Accreditations:

ISO9001:2015, Going for AS9100D

Focus Industry: Aerospace / Defence / Automotive / Process Industry/ Telecom / Medical Equipments / Packaging Machinery.

SAI Pranav Industries

Plot A-1, Sipcot Industrial Park, Irungattukottai,
Sriperumbudur, Kancheepuram,
Tamil Nadu - 602 117, India

Business Contact:

Vivek Seetharaman

CEO

Contact no: +91-96000 64624

Email: vivek@saipranavind.com



SHANMUGHA PRECISION FORGING

The Company:

SPF, a unit attached to Vee See Bee Trust, is engaged in the activity of non-ferrous forging from Copper, Brass, Aluminium, Aluminium Bronze, upto 12 kgs & CNC machining of both ferrous & non-ferrous metals. The facility bridges academic and industry by training the undergraduate, post-graduate students of SASTRA Deemed to be University & Shanmugha Polytechnic College, apart from engaging in applied research on various domains. The hands-on training given to the students on Manufacturing Systems Engineering, Industrial Engineering, TPM/TQM, etc., ensures them to be well ahead of others when they enter into the manufacturing domain post-graduation. This twin model has been widely accepted as Industries continuously try to innovate to stay in the competition.

Products & Services:

Manufacturers of Non-ferrous forgings from Copper, Brass, Aluminium, other copper alloys, Bronze, etc., upto 8 kgs Manufacturers of Ferrous forgings from Steel upto 3 kgs Direct machining (CNC & VMC) of any material with max machining size of 230 mm and 400 mm cube.

Turnover: 23.31 Crores (INR)

Focus Industry: Aerospace

Corporate Address

SHANMUGHA PRECISION FORGING
Shanmugha Complex, Thirumalaisamudram
Shanmugha Complex Thanjavur - 613402
Tamil Nadu, India

Business Contact:

Dr.R.Venkatraman
Contact: +91 9994967806
Email: venkat@spfindia.com



SHRI VENKATESWARA HI-TECH MACHINERIES PRIVATE LIMITED

The Company:

An ISO certified company manufacturing heavy fabrication and machined equipment's to defence sector like ISRO, DRDO etc., and to various process industries like Paper, Cement, Activated carbon, Asbestos etc, for the past 50 years. Our unit had successfully executed and commissioned many challenging products for Indian Space Research Organization (ISRO) in their SLV, ASLV, PSLV, GSLV projects. Collapsible Mandrels for Motor Case Winding, Propellant Casting Mandrels, INSAT-II Integration Fixtures, INSAT-II transportation containers, GSLV technological transportation container, Special Purpose Fixtures for satellite integration and positioning are some of the sophisticated items manufactured by the unit. The industry received many appreciation awards & certificates of merits from Indian Space Research Organization (ISRO) for its continued service with quality moto.

Products & Service:

Ground Testing Equipments for defence and SPM

Turnover: INR 21.75 cr

Focus Industry: Aerospace

Corporate Address

Shri Venkateswara Hi-Tech Machineries Private Limited
518/1, 2 Saravanampatti main road, Vellakinar (PO),
Coimbatore – 641 029

Business Contact:

K.SHIVAKUMAR

Contact: +91 9003918026

Email : venkateswarahitech@gmail.com



ST ADVANCED COMPOSITES PVT LTD

The Company:

ST Advanced Composites Pvt Ltd is a full service composites manufacturer providing engineered composite products for various industries. ST Advanced Composites is based in Chennai, Tamil Nadu, India. We offer engineering, analysis, design assistance, raw materials, process development, tooling fabrication, composite fabrication, assembly and project management. ST Advanced Composites Pvt Ltd is an employee owned company and every owner/employee is dedicated to provide our customers with high-quality, cost-effective composite solutions with superior service and on-time delivery

Products & Services:

STAC offering lightweight engineering solution especially developing, manufacturing and supply of radomes & antennas, Carbon fiber composites parts, Ballistic shield and helmets.

Turnover: N/A

Focus Industry: Aerospace

Corporate Address

ST ADVANCED COMPOSITES PVT LTD
No.333A 8th Street
Krishna Nagar, Maduravoyal, Chennai – 600 095, Tamil Nadu, India

Business Contact:

Dr. Devendran Thirunavukarasu
Contact: +91 9840757510

Email : devendran.thiru@stadvancedcomposites.in



Sundram Fasteners Limited



SUNDRAM FASTENERS LIMITED

The Company:

Sundram Fasteners Limited was established in 1966, is the first Indian company to get ISO 9000 Certification. Today all our divisions are IATF 16949 and ISO 14001 Certified. Aerospace division is certified for AS9100 Rev D with a diversified product line and world class facilities in three countries - India, UK & China, Sundram Fasteners has become a supplier of choice to leading customers in Automotive, Industrial, Infrastructure, Wind energy and Aerospace & Defence sectors. Sundram Fasteners is the first Indian MNC to win the coveted Deming prize for all its 17 different plants simultaneously. We offer products ranging from high tensile fasteners, structural fasteners, powder metal components, iron powder, cold extruded components, hot forged components, radiator caps, automotive pumps, gear shifters, gears, couplings, hubs, shafts and tappets with a sales turnover of over US \$ 662 Million. An unwavering focus on delivering quality has won Sundram Fasteners Limited the trust of both OEM and aftermarket customers in highly competitive markets like India, China, Germany, USA, UK, Italy, France and Brazil.

Products & Services:

High tensile fasteners, structural fasteners, powder metal components, iron powder, cold extruded components, hot forged components, radiator caps, automotive pumps, gear shifters, gears, couplings, hubs, shafts and tappets.

Turnover: Rs 5700 Crores

Focus Industry: Aerospace

Corporate Address

SUNDRAM FASTENERS LIMITED
Padi, Chennai 600050

Business Contact:

Atul Kumar Agrawal
Contact: +91 9840719910
Email: atulkumar.agrawal@sfl.co.in



SUNFAB

The Company:

SUNFAB, established in 1948, by Mr.M.Rajendiran, is a pioneer in Sheet Metal Pressing and Fabrication. SUNFAB serves several prestigious customers as an OEM support for automotive, appliances, electronics cabinets, electrical power transmission and distribution, farm equipments, ship building and general engineering industries for their requirements in sheet metal parts and assemblies. Almost 75% of all parts produced at SUNFAB are exported by the customer as a vehicle or a fully finished assembly to markets all over the world.

Products & Services:

Metal Cutting, Laser Sheet and Tube Cutting, Plasma Cutting, Pressing, Welding, Robotic welding, Tube Bending, Fabrication, Tool Design & Build, etc.

Turnover: N/A

Focus Industry:

- Light & Heavy Commercial Vehicles
- Electrical & power transmission equipments
- Application and electronics cabinets
- Tractors
- Passenger Cars
- Indian Navy & Ship Building Industries
- Helicopter

Corporate Address

SUNFAB
Unit- I: 162 & 163, Vanagaram road, Athipet
Ambattur Industrial Estate, Chennai 600058,

Business Contact:

**Karthik
Rajendiran**
Contact: +91 9884044408
044 48559991
Email : aero@mysunfab.com



SUPER AUTO FORGE

The Company:

The pioneer and the largest manufacturer of cold and warm forged Steel and Aluminium parts in India, SUPER AUTO FORGE PRIVATE LIMITED was started in 1975. With state of the art in house tool room and self-developed forging technology SAF is exporting to North American and European OEMs, Tier1 Automotive & Non-Automotive customers since 1998. SAF has manufacturing 3 units in Chennai. SAF also has in-house capability for special purpose machine design and manufacturing.

Products & Service:

Drive Shaft Application Products Brake Application Products Suspension Application products High Voltage Electrical Application products.

Turnover (2022-23): NA

Focus Industry: Automotive

Corporate Address

SUPER AUTO FORGE PVT LTD
3/A, Nedunkundram Village,
Vandalur-kelambakkam Road,
Kolapakkam, Chennai-600127

Business Contact:

Dhilip

Email: dhilip@superautoforge.net



TAMILAN THE DRONE PVT LTD

The Company:

TAMILAN The Drone was established in 2021 to Indigenously Design & deliver Drones from scratch. TAMILAN is a one stop shop for Research & Design – development. TAMILAN has a 2.1 acer site @ Vallam Aerospace Park Oragadam opposite to TIDEL park, we are in the process of building 60,000 Sqft state of the Art factory to indigenously design and manufacture Drones, USV Unmanned surface vehicle for Land & sea.

TAMILAN says world is my market to go, we will have over 120 distributors in over 100 countries, Drones for Military will be directly handled by TAMILAN. TAMILAN The Drone Project has been certified by IIT Madras, for its Quality, engineering design, by Department of Aerospace engineering & Department of Engineering excellence Madras. TAMILAN submitted the research done in collaboration with a leading Japanese conglomerate in engineered poly plastic space. One of the First lift drone of 30-50Kg to be fully injection molded.

Products & Services:

1. Drones, USV for Land & sea
2. Drones for High rise building elevation cleaning
3. Drones for Agriculture spraying
4. Drones for Survey & Mapping
5. Drones for Fire fighting
6. Drones for surveillance
7. Drones for Delivery
8. Drones for Military combat (Swarm Drones Project)

Turnover: -

Focus Industry: Aerospace & Defense

Corporate Address

TAMILAN The Drone Pvt Ltd
13, 8, Oliver Rd, Kamaraj Nagar, Mylapore,
Chennai, Tamil Nadu 600004

Business Contact:

Krishnamurthy HK
Contact: +919840076377
Email: oliverkrish@icloud.com



THE
ePLANE
CO.



THE ePLANE COMPANY (UBIFLY TECHNOLOGIES PVT LTD)

The Company:

The ePlane Company is in pursuit of developing India's first flying electric taxi, designed for up to 10x faster intra-city commute and cargo transport. Incubated at IIT Madras, Chennai since 2019, The ePlane Company was founded by Professor Satya Chakravarthy with a vision to make flying ubiquitous.

As an Urban Air Mobility (UAM) start-up, we aim to alleviate on-road traffic congestion in cities worldwide by offering safe, sustainable and affordable flying experiences through our flagship product, The ePlane e200.

We intend to make door-to-door flying reality and redefine the way we currently commute, helping people save a significant amount of travel time every day.

Products & Services:

Our flagship product, the ePlane e200, is India's first eVTOL (electric Vertical Take-off and Landing) transportation system. A drone-plane hybrid aircraft, approximately the size of two adjacently parked cars. We believe it is one of the most compact, lightweight and sustainable solution to de-clutter urban spaces. Essentially focused on delivering immersive intra-city flying experiences by transporting people from their doorstep to their end destination 10x faster. The solution is extremely accessible as it can operate out of any rooftop with no additional infrastructure requirements, allowing for quick on boarding and offboarding of the commuters. The solution will also become a key contender to a viable commute solution to people in low-accessibility areas. With a travel range of 200 km, it can make multiple stops on a single charge, saving consumers a significant amount of time.

Turnover: NA

Focus Industry: Aerospace

Corporate Address

THE ePLANE COMPANY
(UBIFLY TECHNOLOGIES PVT LTD)

Business Contact:

Vishnu Ramakrishnan
Contact: +91 90363 43354
Email : vishnu@eplane.ai



TUNGA AEROSPACE INDUSTRIES PRIVATE LIMITED

The Company:

We, Tunga Aerospace Industries Private Limited, are a DPIIT recognized deep technology start-up based at IIT Madras Research Park, Chennai, with core expertise in Design, Development and Manufacture of UAV Systems, especially for Defence & Homeland Security Applications. We are DGCA authorized UAV manufacturers. Our factory, with a capacity of 600-900 UAVs per annum, is located at One Hub Industrial Park, near Mahabalipuram (TN). We are DRDO approved industry partners for Design, Development and Manufacture of Tactical UAVs. We are an ISO 9001:2015 certified organization. We have successfully developed rugged military grade UAV products for surveillance applications, which we have supplied to several units of the Indian Army, Indian Navy, CRPF and State Police. We have technical collaborations with several premier technology institutions like IIT Madras, IISc Bangalore and HCL Technologies, to make our products as indigenous and smart as possible.

Products & Services: DRISHYA MINI AUTONOMOUS ALL WEATHER SURVEILLANCE UAV Drishya Mini (D-Mini) is a Mid-ranged multi-rotor designed for Surveillance & Security applications. D-Mini is rich with next-generation AI and smart features. Deployed in Border Patrol, Port Inspection, Nuclear facility monitoring, Maritime Surveillance, Counter Insurgency, Anti-Terror, Arms & Ammunitions Monitoring, for Defence & Homeland Security applications. DRISHYA PRO MK II OMNISCIENT SURVEILLANCE WITH ENDLESS PERFORMANCE Drishya Pro MK II is a best in class High Endurance with Endless Performance UAV, built to work in harsh weather conditions. The cutting edge technology and the aerodynamic design makes the copter give best overall flight performance. DRISHYA PRO MK I MID-RANGE MULTI-ROTOR VTOL RPAS Drishya Pro is a sleeky designed and compact multi-copter, rich with next-generation AI and smart features, Best endurance for a bird in its weight class, Drishya Pro is a robust, reliable sentinel for all security and defence applications. SANJAY AUTONOMOUS HIGH ALTITUDE ELECTRIC UAV SYSTEM Sanjay combines the manoeuvrability of a multi-rotor with the flight performance of a fixed-wing UAV, enabling high-altitude and Medium-range operations with rapid deployment and recovery without the need for a runway. Ideally suited for tactical surveillance and patrolling of long borders under challenging climatic conditions. SARVEKSHAK AUTONOMOUS ALL TERRAIN SURVEY UAV Baed on the Drishya Pro series of UAVs, Sarvekshak is an easy-to-deploy mapping solution with advanced payload and PPK Modules.

Turnover: RS.8, 20, 21,827

Focus Industry: Aerospace

Corporate Address

Tunga Aerospace Industries Private Limited
B7-02, Module B, 7th Floor,
IIT Madras Research Park,
Kanagam Road, Taramani, Chennai 60011

Business Contact:

Venkatasubramanian Bhaskar
Contact: 9940084157
Email: Ceo@tungasystems.com



TVS SUPPLY CHAIN SOLUTIONS LIMITED

The Company:

TVS Supply Chain Solutions (TVS SCS), part of TVS Mobility Group is among India's largest and fastest growing integrated supply chain solutions. The company was promoted by the erstwhile TVS Group and is now part of the TVS Mobility Group. We are an India based multinational company, who pioneered the development of the outsourced logistics industry in India. For the last 15 years, the company managed large and complex supply chains across multiple industries in India and select global markets through customized tech-enabled solutions. The Company's global customers include 72 'Fortune Global 500 2021' companies across numerous industries such as automotive, industrial, consumer, tech and tech infra, rail and utilities, and healthcare.

TVS SCS, over the years, has taken the focussed approach to grow both organically and inorganically. Our team of approximately 18,000 people address the supply chain challenges for international organisations, government departments, large and medium-sized businesses, across various sectors.

The company trades on a reputation of being collaborative in its engagement, innovative in its approach and effective in reducing its clients operating costs whilst improving their performance through the accelerated deployment of leading supply chain solutions.

Products & Services:

Integrated supply chain solutions and Network solutions

Turnover: INR 10300 crore

Focus Industry: Supply Chain Solutions, Logistics, warehouse management

Corporate Address

TVS SUPPLY CHAIN SOLUTIONS LIMITED
Global Head Quarters 58, Eldams Road,
Teynampet, Chennai, Tamil Nadu 600018.

Business Contact:

Madhavan V
Contact : 9677008432
Email: madhavan.v@tvsscs.com

226, Karunai Kudil, Cathedral Road, Chennai-600086



UCAL TECHNOLOGIES (A DIVISION OF CAL FUEL SYSTEM LIMITED)

The Company:

UCAL Fuel System Limited is a public limited company with six decades of standing. It offers comprehensive fuel management systems for automotive sector .UCAL Technologies is the aerospace division of UCAL with the significant of experience in Aerospace Design, Analysis, Manufacturing and Testing including flying machines such as Unmanned Aerial Vehicles for various applications in the field of agriculture, natural resources evaluation and such related various applications. Aerospace Components and Defence parts for Aircrafts and battles tanks forms the major scope of business tie-up, globally, to collaborate with Aircraft Structures(Metals and Composites),Components and system for aircraft, Structural assembly etc. We are also the part of the Govt. of India Bilateral International projects, Indo Korea and Indo Spain under GITA/DST.

Products & Services:

1. Aircraft Structural Components (Metal & Composite).
2. Structural Assembly
3. Aircraft Filters
4. Design & Development of Jigs & Fixtures
5. Engineering services
6. Unmanned Aerial Vehicle and Autonomous systems.

Turnover: INR 880Cr

Focus Industry: Aerospace/Automotive/Process Industry

Corporate Address

UCAL TECHNOLOGIES (A Division of UCAL Fuel Systems limited)
AA4, 6th Avenue, Mahindra World City,
Chengalpattu, Chennai, India.

Business Contact:

Dr.M.K.Padmanabhan
CEO, UCAL Technologies
Contact: +91 9600088176
Email : paddu.myoor@ucal.com



VAL-MET ENGINEERING PVT.LTD

The Company:

Val-Met Engineering Pvt Ltd, a AS 9100 Rev D and AS 9120 Rev B Certified Aerospace organisation, focused on Sourcing, Stocking and Supply of Aerospace / Defence Grades of Raw Material with Value addition by supplying as Cut to Size, ready to use components.

Our clientele includes Major Government & Private Organizations in the field of Aerospace Defence and also includes Tier 1/ Tier 2 suppliers of Global Aerospace OEM.

We have 2 facilities in and around Chennai with 1 Facility in Special Economic Zone at Sri City, Tada.

Products:

Alloys of Titanium, Nickel, Cobalt, Aluminium, Tungsten, Copper, Speciality Steel/Stainless Steel in various forms like Rod, Sheet, Plate, Coils, Tube/ Pipe, Wire, Ingots/ Billets, Profiles etc. We have State of Art In-House facility having Capability to do Waterjet, Sawing, Milling, Peeling, Grinding & Perform Destructive & Non-Destructive Testing.

Focus Industry: Aerospace / Defence.

Corporate Address

Val-Met Engineering Pvt.Ltd.

Unit 1: Plot #110, 111, EPIP SIPCOT

Industrial Complex,

Gummidipoondi 601 201, Tamil Nadu, India.

Unit 2 : No 255, Tulip Road, Sri city SEZ Zone

Cherivi Village, Satyavedu Mandal,

Tirupati District,

Andhra Pradesh 517 646, India.

Business Contact:

Abhilash. T G

Contact +91 9160009126

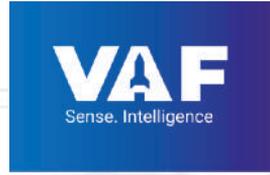
Email: dhilip@superautoforge.net

Mr. Rajesh Sangameswaran

Contact +91 9597617564

Email: rajesh.s@valmetengg.com

www.valmetengg.com



VAF DEF-AERO SYTEMS PRIVATE LIMITED

The Company:

We are Manufacturer of High Critical Precision Machined Aluminium Casting including Heat Treatment, Fluorescent penetrant, Radiography, Coating, Sub-Assemblies etc.,

Products & Services:

Product (Machined Aluminium Casting)

Turnover: 113 Crore

Focus Industry: Aerospace

Corporate Address

VAF DEF-AERO SYTEMS PRIVATE LIMITED

No-9, Sowripalayam road, opposite to Sujini Mills,
Coimbatore-641028, Tamil Nadu, India

Business Contact:

Avinash Kumar

Contact: +91 9789779397

Email : avinash@vjp.in



VETRI ENGINEERING

The Company:

VETRI Engineering's main activity is manufacturing Defence & Aerospace Components, LRU'S and Sub Systems in the area of Fluid conveying, Pneumatic Application, NBC Shields to AFV. Recently we have indigenized combine Harvester Rubber Track which is first time manufactured in India under MAKE IN INDIA scheme. This Rubber Track find application in paddy harvesting, civil construction and Defence Applications. It is Aatma Nirbhar Bharat Product.

Product & Services:

1. Wet Filter Assembly for AFV, 2. Air System Pneumatic valves, Automatic pressure regulator, cut in cut off valves, 3. NBC Pads, 4. Seals, Gaskets 5. LH & RH Blade units for Anti Mining Systems 6. Endless Belts for vaccum filter Press 7. Paddy Harvester Rubber Track

Turnover: 2.20 Crore

Focus Industry: Aerospace

Corporate Address

VETRI ENGINEERING
72/4, Ammani Kondalam Patty, Kattur,
Nattamangalm (po), Salem - 636010.

Business Contact:

K.Manoharan
Contact +91 94432 28079
Email: vetriengineering09@gmail.com



VIGNESH MACHINE TOOLS

The Company:

With over 25 years of expertise, Vignesh Machine Tools is a leader in Turning, Milling and Turn-mill machine tool solutions in South India. We partner with the best machine tool companies from around the world to bring to the Indian market the largest variety of CNC technology solutions and to bring the best machine tool solutions to our Customers. Our engineering teams strive to understand the customer's business need and provide the most optimal, customized solutions that solve their business problem and hence guarantee growth. Our continued after-sales service support, ranked among the best in the country, ensures that we remain responsive to our customers through their entire journey. Our Principals represent the market leaders from India, USA, Korea, China and Taiwan.

Products & Services:

Dealing with CNC Turning Centres, Vertical Machining Centres, Horizontal Machining Centres, CNC boring Machines, Vertical Turning Lathes (Turret/Ram type), CNC Double Column Machines, 5 Axis Multi-Tasking Machines,, Grinding Machines, Measuring instruments CMM, Profile Projector and Vision Measuring systems.

Turnover: 50 Crore

Focus Industry: Aerospace

Corporate Address

VIGNESH MACHINE TOOLS

No. 56f, 7th Street, Sector 1 Sidco Industrial
Estate Ambattur Chennai- 600 098.
Tamil Nadu, India.

Business Contact:

R Suresh Kumar

Contact +91 9840047300

Email: suresh@vigneshmachinetools.com



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Space Systems



CORPORATE HQ
Manesar, India



NORTH AMERICA HQ
Fremont, CA

VVDN boasts over a decade of experience in software, engineering and electronics manufacturing, offering end-to-end design, development, and manufacturing services all under one roof. Our comprehensive offerings cover hardware, software, mechanical, testing, prototyping, certification, and manufacturing services, providing a unique value proposition as a one-stop solution provider.

**For more Information
Contact us at: info@vvdntech.com**



VVDN TECHNOLOGIES

The Company:

VVDN Technologies is a global leader in product engineering and electronics manufacturing, with over a decade of experience in providing end-to-end design, development, and manufacturing solutions. VVDN's expertise spans across hardware, software, mechanical, testing, prototyping, certification, and mass production, making it a one-stop solution provider for customers in various industries, including aerospace and defense. VVDN's India HQ is located at Global Innovation Park, Manesar, Gurugram, and its North America HQ is based in Fremont, CA, serving customers worldwide.

Aerospace and Defense Offerings VVDN has a strong focus on delivering advanced engineering and manufacturing solutions for the Aerospace and Defense sectors. We provide comprehensive end-to-end services that include design, development, testing, and certification, adhering to stringent industry standards. Our solutions are tailored to meet the critical needs of aerospace OEMs, suppliers, and defense organizations.

Our Key Offerings:

Avionics and Engineering: Advanced avionics solutions for next-generation aircraft systems, including flight control, navigation, and communication systems. **Air Traffic Control and Management:** Development of highly reliable and secure systems for managing air traffic and ensuring safe and efficient operations. **Aircraft Systems and Components:** Engineering and manufacturing of key aircraft components, from mechanical parts to electronic systems. **Time-Sensitive Networking (TSN):** Expertise in developing TSN devices for deterministic and reliable communication within aerospace environments. **Defense Security Systems and Electronics:** Design and development of cutting-edge defense electronics and security systems, including surveillance, monitoring, and secure communications. **Space Systems:** Engineering and production of space-grade systems for satellite communication and other space applications. **Focus Areas:** Avionics Communication Flight Control Systems In - Flight Entertainment (IFE) Systems Aircraft Health Monitoring Air Traffic Management Satellite Communication Networks **Annual Turnover:** INR 400 Crore

Corporate Address

VVDN TECHNOLOGIES
4th Floor, KP Natwest Viceroy, K.P. Oil Mill,
Velachery - Tambaram Main Rd, Pallikaranai,
Chennai, Tamil Nadu 600100

Business Contact:

N. Dilip Balaji
Contact: +91 9884818383
Email : dilip.balaji@vvdntech.in

VIRGINIA TECH INDIA CENTRE FOR RESEARCH AND ADVANCED EDUCATION (VTIREF)

The Company:

VTIREF is a Not for Profit Company, duly Registered in India. It extensively works in High Technology areas in Aerospace -Research, Advanced Education and Outreach Programs. It is part of the global Knowledge sharing partner of Virginia Tech, a highly reputed, Land Grant University in USA. Our activities in Aerospace envelope Basic and Applied Research in Contemporary Aerospace Technologies. In addition, we conduct various Education and Training Programs for Aerospace industry. We are an Approved Govt of India-DST Research Centre. We are also accredited to work on CSR Funding from Industry in areas of Research and Education.

We have a focussed Design and Development Program in Unmanned Aerial System, that provides End to End Product Development and Services Solutions. Drone Pilot Training is a new initiative that will be rolled out in 2021.

We also undertake various Research, Development and Training activities for Industry in the areas of Material Science, AI, Robotics, Machine Learning, Deep Learning etc.

Products & Services: Aerospace Design, Development, Research and Advanced Education and Training.

No. of Manufacturing unit(s)/Facilities: 2

Turnover (2020): INR 78.22 Lakhs

Certifications & Accreditations: Govt of India DST Approved Research Centre
Approved CSR Accreditation for carrying out Industry CSR Projects

Focus Industry: Aerospace/ Automotive

**Virginia Tech India Centre For Research And
Advanced Education (vtiref)**
Service Road, Adayalampattu, Chennai 600095

Business Contact:
Dr M K Padmanabhan
Contact no: 9600088176
Email: director@vtindia.res.in



WIN TECH PRECISION ENGINEERING

The Company:

Win Tech Precision Engineering mission is aiming to provide a level of commitment to our esteemed customers beyond the level of strong foundation in our industry anywhere. Our commitment is demonstrating daily in our efforts to get high level quality products and our genuine services, with tailored to the wants of our customers, designed to meet their needs, produced in any quantity, and delivered to meet their schedule with stipulated achievement to meet their goal. Our teams operate with dedicated of specific product groups to produce high quality products on a timely basis. Establish tool room, we aspired to be the PRECISION COMPONENTS MANUFACTURING EXPERTS.

Products & Services:

Precision Machining upto 5 axis, Aerospace, Medical, Automation component Manufacturing.

Turnover: 3 cr.

Focus Industry: Aerospace

Corporate Address

WIN TECH PRECISION ENGINEERING
No. S14p-1, Sipcot Aerospace Park,
Vallam Sriperumbudur, Tamilnadu-602105

Business Contact:

Sivakumar.A
Contact: +91 9003039915
Email : wintechpe@gmail.com

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CHENNAI-600032
CALL: 9952081655



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askme@zuppa.io

<https://zuppa.io>



ZUPPA GEO NAVIGATION TECHNOLOGIES PVT LTD

The Company:

Zuppa Geo Navigation Technologies Pvt. Ltd., better known as ZUPPA, is a completely India grown drone manufacturing company, founded in the year 2008, by father-son duo, Sai Pattabiraman and Venkatesh Sai. ZUPPA develops and manufacture " Motherboards " for future ready 5th Generation Devices. All ZUPPA Motherboards are based on our proprietary Computing Architecture of " disseminated parallel control computing in realtime. ZUPPA's End 2 End Control of the technology from Design to Delivery ensures flawless performance of its products.

Products & Services: Drone

Turnover: N/A

Focus Industry: Aerospace

Corporate Address

Zuppa Geo Navigation Technologies Pvt Ltd
Plot No.60, 2nd Main road, VGP layout
Part-3 Palavakkam, Chennai-600041

Business Contact:

Sai pattabiraman
Contact: +91 9380577074
Email : askme@zuppa.io



ZUPPA OEG GEN5 TECHNOLOGIES PRIVATE LIMITED

The Company:

The company brings together the unique technology and product development competencies of Zuppa with the proven rapid scaling capabilities of OEG Ltd to start manufacturing Commercial of the Shelf (COTS) drones in India to deliver "Made in India World Class Performance".

The company is all set to drive the countries push towards emerging as the Global Drone Hub over the next decade with the launch of its first COTS drone "Ajeet Mini". Zogen5 has been certified with ISO 9001 & AS 9100 Aero space standards. Company is Blog ship model "Ajeet Trainer Drone" has been type certified by DGCA under the micro category segment. Zogen5 has clientele across India majorly works with Indian Defence and Paramilitary forces. Besides, Company's R&D Team vibrantly develop new product lines to meet the current and future industry needs for drones.

Products & Services:

Ajeet Drones are recognized for its indigenous development i.e. most of the key electronics are designed and developed in-house embracing proprietary technology.

Drone Variants of Ajeet:

- 1) Ajeet Trainer Drone
- 2) Ajeet CSR Drone
- 3) Ajeet CLR Drone
- 4) Ajeet ISR Drone.

Turnover: N/A

Focus Industry: Aerospace

Corporate Address

Zuppa Oeg Gen5 Technologies Private Limited
A, 3rd Floor, Gokul Arcade, 2&2A, West wing,
Sardar Patel Road, Adyar, Chennai - 600020.

Business Contact:

Adhithiya Prasad

Contact: +91 9841062356

Email : adhithiya@zogen5.io

Z-FORGE



Z FORGE

The Company:

Manufacturers of aerospace grade fasteners of titanium, a286, alloy steel, ss and sub-assemblies and CNC machined components.

Product & Services:

Aerospace grade fasteners and CNC machined components.

Focus Industry: Aerospace

Corporate Address

Z FORGE
B20B, SIDCO Industrial Estate, Phase 1&2,
Hosur-635126.

Business Contact:

Jeev P Sebastian
Contact +91 9845027519
Email: info@zforge.co.in

A decorative graphic in the upper left quadrant of the page. It features three stylized airplane icons in flight, each leaving a long, curved, light gray trail that sweeps across the page towards the right. The word "Notes" is written in a dark blue, sans-serif font, positioned to the right of the airplane icons.

Notes

Notes





Notes