

“India-UK: Partners in Manufacturing and Engineering”

Virtual Trade Mission
27th, 28th and 29th September 2022

Profiles of key Indian companies

INDIAN COMPANY	
Company Name	Tata Steel
Company website	www.tatasteel.com
Company profile (max 5 lines) please highlight your core business activity	Tata Steel is an Indian multinational steel-making company based in Jamshedpur, Jharkhand and has its marketing headquarters at the Tata Centre in Kolkata, West Bengal. It has a presence in around 50 countries with manufacturing operations in 26 countries including the United Kingdom.
Business Requirement (what technology, products or services you would be interested to discuss with UK companies)	<ul style="list-style-type: none"> • 3D printing • Waste Recycling, • Carbon capture, • Advanced coating • Environmental and social aspects of manufacturing

INDIAN COMPANY	
Company Name	TATA Metaliks
Company website	www.tatametaliks.com
Company profile (max 5 lines) please highlight your core business activity	Tata Metaliks has its state-of-the-art manufacturing plant at Kharagpur, West Bengal, India which produces the finest quality of pig iron and ductile iron pipes in India. The plant's annual hot metal production capacity is 500,000 tonnes out of which 200,000 tonnes is converted into Ductile Iron (DI) pipes and 300,000 tonnes into pig iron.
Business Requirement (what technology, products or services you would be interested to discuss with UK companies)	<ul style="list-style-type: none"> • Robotics • 3D printing • Waste Recycling • Carbon capture • Environmental and social aspects of manufacturing • Digital Manufacturing.

INDIAN COMPANY	
Company Name	Elitech Earth Science
Company website	www.elitecheearthscience.com
Company profile (max 5 lines) please highlight your core business activity	The company is incubated at IIT (ISM) Dhanbad. Our company provides an integrated platform for Earth Science services. We are a group of Earth Science professionals having exposure of working in countries like India, Australia, Canada, South Africa, China, etc. We strongly believe in National & International collaboration to

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	<p>adapt advanced technologies for delivering efficiency. Currently, we are associated with Synergy Consultancy, IIT (ISM) Dhanbad, IIT Kharagpur and HiQ Services in India whereas DigitCore Inc. Canada as overseas association.</p>
<p>Business Requirement (what technology, products or services you would be interested to discuss with UK companies)</p>	<ul style="list-style-type: none"> • Geo Metallurgy • Automation and equipment in mining field • Mine digitisation

INDIAN COMPANY	
Company Name	Carborundum Universal Limited (CUMI)
Company website	www.cumi-murugappa.com
<p>Company profile (max 5 lines) please highlight your core business activity</p>	<p>Carborundum Universal Limited (CUMI) pioneered the manufacture of coated and bonded abrasives in India, besides super refractories, electro minerals, industrial ceramics and ceramic fibres. In sync with the global vision, CUMI is expanding its product and geography spread. The Company makes over 20,000 varieties of products manufactured at 25 locations across India, Russia, South Africa, Germany, Australia and Thailand. CUMI exports its products to over 43 countries across the globe.</p> <p>Over six decades, CUMI has evolved into a Materials Science company focusing on solutions addressing surface engineering, high heat protection and management, wear and electrical resistance largely based on ceramic oxides and carbides. Increasingly CUMI has ventured into the areas of thermal energy storage using phase change materials, high purity Silicon Carbide for semiconductors and power electronics and graphene and graphene intermediates for a wide variety of applications.</p> <p>CUMI is part of the Murugappa Group which was founded in 1900 and is one of India’s leading business conglomerates. The Group has 28 businesses and is Headquartered in Chennai. Market leaders in served segments including Abrasives, Auto Components, Transmission systems, Cycles, Sugar, Farm Inputs, Fertilisers, Plantations, Bioproducts and Nutraceuticals. The Group has a wide geographical presence all over India and spanning 6 continents. The Group has a workforce of over 50,000 employees.</p>
<p>Business Requirement (what technology, products or services you would be</p>	<ul style="list-style-type: none"> • Advanced coating technologies / Tribology • Advanced materials (ceramics, composites) • Additive manufacturing/3D printing

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interested to discuss with UK companies)	<ul style="list-style-type: none"> • Silicon Nitride and Silicon Carbide • Non-Oxides Graphene applications • Metal matrix composites
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INDIAN COMPANY	
Company Name	Addison Tools
Company website	www.addison.co.in
Company profile (max 5 lines) please highlight your core business activity	Addison & Co is part of the 148-year-old Amalgamations group. Addison & Co have been pioneers in cutting tool research, development, manufacture and exports in India since 1955. Addison manufactures cutting tools at their factory in Chennai. Their product range includes cutting tools in HSS, Carbide as Drills, Reamers, Taps, Milling Cutters, End Mills, etc. The in-house development team can design and prototype special tools for specialized applications.
Business Requirement (what technology, products or services you would be interested to discuss with UK companies)	<ul style="list-style-type: none"> • Cutting tools (HSS, Carbide tipped) • Metal Injection Moulding. • Metal Powder Manufacturing • Factory Automation

INDIAN COMPANY	
Company Name	Neterwala Group
Company website	www.neterwala.com
Company profile (max 5 lines) please highlight your core business activity	<p>The Neterwala Group is a professionally run business enterprise with over six decades of steadfast growth. The group is technologically robust with diverse manufacturing interests in Metallurgy, Software, Specialty Chemicals, Engineering, Geology, Oil & Gas and Environment.</p> <p>Metallurgy industry forms founding pillar of Neterwala Group in Aerospace and other industrial sectors where we plan the high end market segments of each sectors.</p> <p>Under our metallurgy portfolio we have following Group companies:</p> <p>Uni Abex Alloy Products Ltd.</p> <p>Pioneer and leading manufacturer & exporter of Centrifugal and Static Castings in Heat, Wear and Corrosion Resistant Stainless</p>

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	<p>Steel Alloys with an excellent track record of supplying critical components across industry segments.</p> <p>Uni Deritend Ltd:</p> <p>India’s Leading & forerunner in the manufacture of Investment Castings (Lost Wax Process). As the Largest & Technically advanced, our plants have adopted to flexibility to align and meet varied demands of market and has to its credit for developing & supplying over 15,000 types of different near net shaped parts to almost every conceivable engineering application in over 225 alloys to a host of different industries.</p> <p>Key products and why partner with us :</p> <ol style="list-style-type: none">1. Uni Abex Alloy Products Ltd.: To know more about the detailed product portfolio: Click here Pioneer and leader in manufacture of Centrifugal Castings in India. Manufacturer of Static Castings for Critical Applications. Specialized in manufacture of Heat, Wear and Corrosion Resistant Alloys.2. Uni Deritend Ltd: We manufacture investment castings (Lost wax process) having applications in automobiles, nuclear, valves, turbo chargers, pumps and general engineering parts having applications in textiles, pharma & printing machineries. To know more about the detailed product portfolio: click here Our plants have adopted to flexibility to align and meet varied demands of market and has to its credit for developing & supplying over 15,000 types of different near net shaped parts to almost every conceivable engineering application in over 225 alloys to a host of different industries. There are three manufacturing facilities in different locations offered unique proposition to customer to have practically unlimited capacities & serviceable at one contact basis.
<p>Business Requirement (what technology, products or services you would be interested to discuss with UK companies)</p>	<p>Acquire /partner with businesses having technologies relevant to:</p> <ul style="list-style-type: none">• Titanium investment casting• Composite/new age materials for aerospace application• Powder metallurgy for near neat shape manufacturing• Advanced materials for 3D printing relevant to critical applications like space, aerospace, life sciences

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Company Name	Kirloskar Ferrous Industries Ltd
Company website	www.kirloskarferrous.com
Company profile (max 5 lines) please highlight your core business activity	<p>Founded in 1991, Kirloskar Ferrous Industries Limited (KFIL) was formed with the intention of transforming the high quality Pig Iron and Grey Iron casting industry. With a parent company that possesses a rich 130-year manufacturing and engineering legacy, KFIL has been built on a solid foundation of innovation and customer-centricity.</p> <p>Our cylinder block, head castings and housing are used in a wide range of engines, across construction machines, farm equipment and utility vehicles made by some of the world’s largest automobile manufacturers. Our pig iron is used to make a variety of cast iron that finds critical use in a wide range of industries.</p> <p>Our innovations in the foundry space have made us leaders in the category. The fires in our forges is where our products are created with the utmost precision and quality. But it’s also where our unbending values and vision are formed.</p>

INDIAN COMPANY	
Company Name	Acrotec Automation Systems Pvt. Ltd.
Company website	https://kolkata5.wixsite.com/w...
Company profile (max 5 lines) please highlight your core business activity	<p>Acrotec Automation Systems Pvt Ltd, a division of Poddar Business Group is dedicated to Indian Automation market & is a value added Distributor/Channel Partner of leading Industrial Electrical, Automation & Instrumentation products & services.</p> <p>Acrotec, provides customers’ with a superior one-stop Industrial Automation product solution by executing an effective supply chain management through collaboration between customers & suppliers and deliver technical proficiency to realize productivity perfections through smart manufacturing solutions.</p>
Business Requirement (what technology, products or services you would be interested to discuss with UK companies)	<ul style="list-style-type: none"> • Industrial Automation • Electrical & Mechanical components (Cables, Switchgears) • Bearings • Fasteners • Hydraulic components • Machine tools

INDIAN COMPANY	
Company Name	Vedula Engineering Pvt. Ltd.
Company website	https://vedula.in/

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Profiles of key Indian companies

Company profile (max 5 lines) please highlight your core business activity	Vedula Engineering Pvt. Ltd., with it's Registered Head Office as Kolkata is one of the foremost agencies for supply of machinery, equipment and raw material for all major industrial applications.
Business Requirement (what technology, products or services you would be interested to discuss with UK companies)	<ul style="list-style-type: none"> • Capital goods • Material Handling equipment's • Automation, Environmental and social aspects of manufacturing and clean mining • Machine tools.

INDIAN COMPANY	
Company Name	Techtran Electronics (India) PTE. Ltd.
Company website	http://techtranindia.co.in/
Company profile (max 5 lines) please highlight your core business activity	Established in the year 1996, Techtran Electronics (India) Private Limited has grown up to a level in manufacturing, trading and distribution of different fasteners, Aerospace tubing, PCB, Thermal and welding machines. We have presence in all strategic points throughout India and in Singapore to serve over one hundred customers in different segments.
Business Requirement (what technology, products or services you would be interested to discuss with UK companies)	<ul style="list-style-type: none"> • Specialised fasteners • Semi-Conductors & Microchip • Technology & Solutions for manufacturing for EV Chargers

INDIAN COMPANY	
Company Name	Lakshmi Machine Works Ltd.
Company website	https://www.lmwglobal.com/inde...
Company profile (max 5 lines) please highlight your core business activity	<p>Lakshmi Machine Works Limited (LMW), a leading Textile Machinery Manufacturer in India and one among the three in the world to produce the entire range of Spinning Machinery.</p> <p>LMW diversified into CNC Machine Tools and is a brand leader in manufacturing customised products. LMW Foundry makes Precision Castings for industries world over. LMW has added the Advanced Technology Centre to manufacture components for the Aerospace Industry.</p>
Business Requirement (what technology, products or services you would be interested to discuss with UK companies)	<ul style="list-style-type: none"> • IoT and sensors

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interested to discuss with UK companies)	<ul style="list-style-type: none"> • Prime movers drivers mainly (BLDC/Stepper Motors – less than 1KW, servo motor less than 20 Nm) • Computational Fluid Dynamics • Special purpose • Reprogrammable robots.
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INDIAN COMPANY	
Company Name	Shanti Gears
Company website	http://www.shanthigears.com/
Company profile (max 5 lines) please highlight your core business activity	We are an Industrial Gearing Solutions Company. We design and manufacture Gears, Gearboxes, Geared Motors and Gear Assemblies, using our contemporary integrated manufacturing facilities. Spanning over four decades of manufacturing excellence, we are now part of the Murugappa Group (since 2013) that has opened up enormous possibilities to explore new frontiers in technology, capabilities, product segments and markets.
Business Requirement (what technology, products or services you would be interested to discuss with UK companies)	<ul style="list-style-type: none"> • Turbine gear box • Solar panel tilting gear box/drives

INDIAN COMPANY	
Company Name	Aditya Birla Science & Technology Co. Pvt. Ltd.
Company website	www.adityabirlasceinceandtechnology.com
Company profile (max 5 lines) please highlight your core business activity	The Aditya Birla Science and Technology Company Private Limited (ABSTCPL) is the global corporate research and development hub for the Aditya Birla Group's diverse businesses.
Business Requirement (what technology, products or services you would be interested to discuss with UK companies)	<ul style="list-style-type: none"> • R&D Technology support to manufacturing companies - Aluminium, copper, fibres, textile, cement • Capability in simulation modelling & process domain