INDUSTRIAL INTELLECTUAL PROPERTY AWARDS

Confederation of Indian Industry

IPR INTELLECTUAL PROPERTY RIGHTS

11th CII Industrial Intellectual Property AWARDS 2025

INDIA'S LEADING IP DRIVEN ORGANISATIONS

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FOREWORD

Chandrajit Banerjee
Director General
CII

The Confederation of Indian Industry (CII) has been working to strengthen the Intellectual Property (IP) ecosystem in India through sustained initiatives that promote awareness, capacity building, and the adoption of best practices. The CII National Committee on IPR plays a pivotal role in guiding and steering these initiatives, with a focus on fostering a robust IP culture that encourages innovation, creativity, and competitiveness across sectors.

One of the key endeavours in this direction has been the CII Industrial Intellectual Property Awards, instituted in 2015. These awards have evolved over the years into a benchmark for excellence, recognizing enterprises that have successfully integrated IP generation, protection, and commercialization into their business strategies. The awards aim to inspire organizations to build strong IP portfolios that encompass patents, trademarks, and designs and leverage them for IP-led growth and competitiveness.

Through this initiative, CII aims to recognize and celebrate the outstanding achievements of enterprises, academic institutions, and research organizations that demonstrate excellence and leadership in Intellectual Property creation and management. The awards not only acknowledge these pioneering efforts but also serve as a platform to showcase IP-driven organizations, highlight their contributions to innovation, and foster their deeper engagement in shaping India's evolving innovation and policy ecosystem.

The 11th edition of the CII Industrial IP Awards 2025 features profiles of 58 leading IP-driven organizations, reflecting the growing participation and maturity of India's IP landscape. This compendium is envisioned as a valuable reference for Industry, academia, and policymakers to understand the evolving IP best practices and strategies driving innovation excellence in India.

Contents

Amity University

About the Company

Amity University has been ranked among the top 3% universities globally by QS and Times Higher Education, the world's leading university ranking organizations.

Amity's strong focus on research and innovation has led its faculty and scientists to file more than 2,600+ patents in the last few years, out of which more than 455+ patents have been already granted and others in process of getting granted.

Amity is also engaged in conducting more than 600 high-end government funded as well as international research projects, including those funded by the Bill & Melinda Gates Foundation, USAID, DRDO, ICSR, CSIR, ISRO, DAE, BIRAC and ICAR. Further, ongoing research projects worth over INR 126 crores include DST-FIST, DST-PURSE and DBT-BUILDER.

The Amity faculty and researchers have also authored over 1200 books, registered over 985 copyrights and published over 45,000 research papers in top ranked research journals, including The Lancet and Nano Energy. Further, Amity's distinguished faculty have developed over 4,500 case studies that have been bought across 110 countries by leading institutions like

Harvard, Stanford, Oxford, McKinsey, and KPMG. Such initiatives have led to 70+ Amity Faculty being listed among the top 2% scientists globally by Stanford University survey – one of the highest in India. Amity University hosts more than 50 Ramalingaswami / Ramanujan / Wellcome Trust / Inspire Fellows.

Taking a step further, Amity has established over 40 hi-end Research Centers in diverse areas including Artificial Intelligence, Cancer Research, Nanomedicine, Click Chemistry, Microbial Technology, Space Science, Aerospace, Hydrogen and Global Warming.

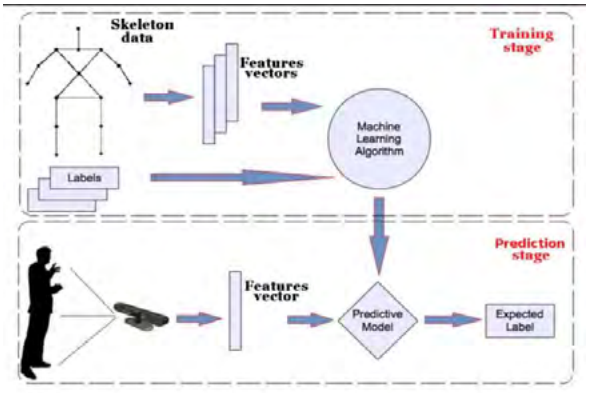
It has been conferred with the National Intellectual Property Award for being the top Indian Academic Institution for Patents and Commercialisation by the Indian Intellectual Property Office of the Ministry of Commerce & Industry, Govt. of India.

Amity has also been listed as one of the top universities in India by Atal Ranking of Institutions on Innovation Achievements (ARIAA), Ministry of HRD, Govt, of India. The Amity Innovation Incubator has been ranked amongst the top 12 incubators in India by Niti Aayog and has incubated more than 850 start-ups.

About the Products

1. "Rootonic" is a magic fungus (Piriformospora indica) that not only promotes plant growth but also has multi-functional activities which help in enhancing productivity, promoting early flowering and helping in biological control of plant diseases. "Rootonic" showed a remarkable increase in productivity of various plants in various parts of India including Punjab, Himachal Pradesh, Haryana, Gujarat, Karnataka, Delhi NCR and Rajasthan across number green-house experiments and field trials. It was discovered by Prof. (Dr.) Ajit Varma, Distinguished Scientist, Amity Institute of Microbial Technology.

2. Project "Divya Drishti" is a unique AI based human recognition system, which aims to design and develop an integrated approach for detecting a person by measuring four Physiological parameters: Skeletal data, Gait parameters, Movement parameters and Face recognition parameters. It is an Intelligent inferencing system with built-in high accuracy of recognition. Amity Scientist, Dr Verma under the guidance of Dr M.S. Prasad, Director (AISST) developed an intelligent inferencing recognition system based on physiological parameters of a person with built-in high accuracy of recognition.



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3. Novel and Thermostable Protease Enzymes with significantly high activity for industrial applications includes homogenous and thermostable protease enzyme purified from Ginger (Zingiber officinales'ar. Rejatha). The protease after purification to apparent homogeneity and amino acid sequencing using ESI-QTOF analysis has been found to be novel and its great potential cytotoxic effect is indicated in therapy and prevention of breast cancer cell. The protease enzyme extracted from Zingiber officinalevax. Rejatha preliminary studies shows its cytotoxic effect against Breast cancer cell line (MCF-7).

4. The system and method of Endophytic Activity of Talaromyces purpureogenous HNB9 It discloses system endophytic activity of Talaromyces pupureogenus HNB9. HNB9 strain is found to be endophytic, and it colonizes different variety of plants i.e. Oilseeds, cereals and vegetables. The HNB9 is promoting the growth of plants which are being colonized. Plants colonized with HNB9 are showing high root and shoot density, whereas there is an increase in the shoot length and leaf cross section/ leaf diameter.

About Intellectual Property (IP) Policy

The Amity IP Policy focuses on protecting, developing, transferring, and commercializing new IP for the benefit of society. The Amity IP Team mentors and handholds its scientists, researchers, and students throughout their journey of innovation including augmentation and identification of IP generation, IP prosecution, IP portfolio management and exchange of best practices in the field of IPR.

Arrow Greentech Limited

About the Company

Arrow Greentech Limited is a company that was established more than thirty years ago on the foundation of innovation to ensure a sustainable future through maximum environmental care. The first water soluble film (Watersol™) introduced by Arrow was in the mid-nineties. Our expertise enables us to provide solutions, applications and management systems in the health, hygiene, packaging, printing and security industries. This is reflected in most of our intellectual properties filed globally in respective fields.

Arrow Greentech Ltd. is listed in the National Stock Exchange (NSE) and the Bombay Stock Exchange (BSE) in India. It has its manufacturing units in India and in the United Kingdom via its subsidiary Arrow Green Technologies (UK) limited.

About the Products

Watersol™ Film (WSF), also known as PVA film, is a versatile product that with variations can be used as packaging material that is safe for the environment and fully biodegradable, water soluble soap strips, called 'Arrow Magic Strips', as a mold release film for the unsaturated polyester epoxy resin or other thermosetting resin, in Water Transfer printing and so on.

Intellectual Property (IP) Portfolio – Arrow Greentech Limited has a patent portfolio of more than thirty (30) patents across the globe covering fields as diverse as Water Soluble Films to Security. We have recently files more than thirty-five (35) patents in India and internationally which show great promise. AGTL also owns more than twenty-five (25) Trademarks and are in the process of obtaining more.

About Intellectual Property (IP) Policy

A lot of the company business and products derive a great deal of their value from various patents held by the company or whose specific rights are acquired by the company. As such, the company strict adherence to not only the letter and wording of the IPR policy but also its spirit.

The Company's IP Policy also envisages protection and management of its own IP well, internally and with it's business partners. We also want to respect the IP of others as we develop our products and services, run our business, and work with business partners.

a. This IP Policy is applicable to all the employees, representatives and agents of the Company

b. The Company shall respect all intellectual property (IP) and conduct its business in compliance with the IP laws as applicable.

c. The Company shall take steps to actively protect maximum of its own IP.

d. The Company shall not knowingly infringe a third party's intellectual property in its products, services, or components, or disclose or use a third party's trade secrets without the express or implied consent of the owner or as permitted by law.

e. The Company shall not knowingly purchase or use counterfeit or other infringing goods and services in running its business.

f. The Company shall require, through binding policies or agreements with employees and contractors that its personnel comply with the applicable IP laws and the Company's IP policies and IP-related provisions in agreements with other companies.

g. The Company shall execute written confidential or non-disclosure agreements with third parties prior to disclosure of any confidential information of the Company to any third party(ies).

h. The Company may license its IP to any of its Subsidiaries, Affiliates or a third party (ies) through various modes of licensing strategy.

i. The Company may transfer its IP to any of its Subsidiaries, Affiliates or a third party (ies) through a signed IP transfer agreement on the conditions as may be deemed to be fit and proper to the Company.

j. Any IP generated, created or developed by any of the employees/representatives and agents of the Company and/or consultants engaged by the Company, during the term of their employment or engagement as the case may be, for and/or on behalf of the Company, shall be considered 'work made for hire', and shall be assigned by such persons to the Company unless otherwise agreed by the Company by way of a written contract or as may be applicable by the relevant IP law.

k. Company shall provide regular and appropriate level of training on IP protection and management to all relevant personnel.

R&D structure

The R&D division is headed by Mr. Neil Patel (JMD of the company) whereas the IPR team is headed by Mr. Shilpan Patel (CMD).

Team Strength

more than 15 members are in the R&D Team and more than 5 for IPR.

Best practices

We follow the standard of "Good Manufacturing Practices" (GMP). GMP essentially means that the product quality is tested repeatedly throughout its manufacturing cycle commencing from the raw material purchase stage right up to the dispatch of final products. GMP followed by us also includes safety and quality check (scheduled and surprise) of the loading & storage areas, machinery and personnel.

Bajaj Auto Ltd

About the Company

With more than 18 million motorcycles sold in over 70 countries, the Bajaj brand is truly 'The World's Favourite Indian'. It is India's No.1 motorcycle exporter with two out of three bikes sold internationally carrying a Bajaj badge. The company is also the world's largest manufacturer of three-wheelers. Bajaj Auto is the first two-wheeler and three-wheeler company in the world to have reached a market capitalisation of INR one trillion and continues to be the world's most valuable two and three-wheeler company.

About the Products

1. Bajaj Freedom (World's First CNG Operated Motorcycle)

Bajaj Freedom — the world's first CNG motorcycle — stands as a powerful testament to Bajaj's spirit of innovation. Designed to offer freedom from rising fuel costs and pollution, Bajaj Freedom represents a groundbreaking step toward a greener future. Powered by CNG, it sets a new benchmark in eco-friendly mobility while delivering up to 50% savings on daily rides. With Freedom, Bajaj Auto is driving a movement toward cleaner, smarter transportation.

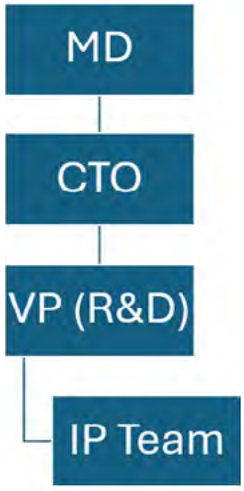
2. Bajaj Chetak (Electric Scooter)

Chetak, the legendary scooter from Bajaj Auto, has been reimagined as a modern electric scooter that beautifully blends its iconic design with contemporary aesthetics. Equipped with best-in-class technology, it offers customers a delightful and enjoyable commuting experience — backed by the reliability and trust that Bajaj is known for. Today, Chetak stands as one of the most trusted brands in the two-wheeler EV segment, a true reflection of Bajaj's commitment to innovation and quality product development.

About Intellectual Property (IP) Policy

Bajaj Auto's IP policy is designed to focus on protecting companies best interest while encouraging Innovation and Innovators within organization.

R&D Structure



Team Strength

Team is fully acquainted with necessary Education, knowledge & skills to handle all sorts of IP challenges and is well supported by Top Management

Best Practices

Encouragement for Innovation & facilitating inventor efforts towards innovation

Bharat Forge Ltd

About the Company

Bharat Forge Limited (BFL), the Pune based Indian multinational is a technology driven global leader in metal forming, having a transcontinental presence across ten manufacturing locations. Part of Kalyani Group - a USD 3 billion conglomerate with 10,000 global work force; BFL today has the largest repository of metallurgical knowledge in the region and offers full service supply capability to its geographically dispersed marquee customers from concept to product design, engineering, manufacturing, testing and validation. Spirit of Innovation is the core of the organization's DNA and plays a paramount role in delivering value to our customers through extensive focus on technology and value addition. Innovation has been the driving force behind our company and is applied across every aspect of our business. As we expand our expertise across sectors, our vision is clear. WE'RE BUILDING INDIA'S ECONOMIC BACKBONE, STRENGTHENING NATIONAL CAPABILITIES AND ENSURING A BIGGER GLOBAL IMPRINT–FOR OURSELVES AND OUR COUNTRY

About the Products

Bharat Forge is a global leader in advanced engineering and manufacturing, delivering high-performance, mission-critical components across automotive, aerospace, defence, oil & gas, railways, marine, power, e-mobility, castings, construction & mining, and healthcare sectors. As India's largest exporter of auto components, it supplies precision-engineered engine components, chassis, and transmission systems to leading global OEMs and Tier-1 suppliers.

In defence, Bharat Forge offers a robust portfolio including next-generation artillery systems, protected mobility platforms, small arms, ammunition, and unmanned systems—supported by full lifecycle MRO capabilities. Its aerospace division manufactures complex airframe, engine, and structural components such as compressors, turbine parts, and fan blades.

The company powers global energy infrastructure with components for thermal, hydro, wind, and nuclear applications, while its oil & gas solutions include high-integrity forgings for subsea, surface, and drilling operations. Rail and marine offerings include crankshafts, turbochargers, and propulsion systems.

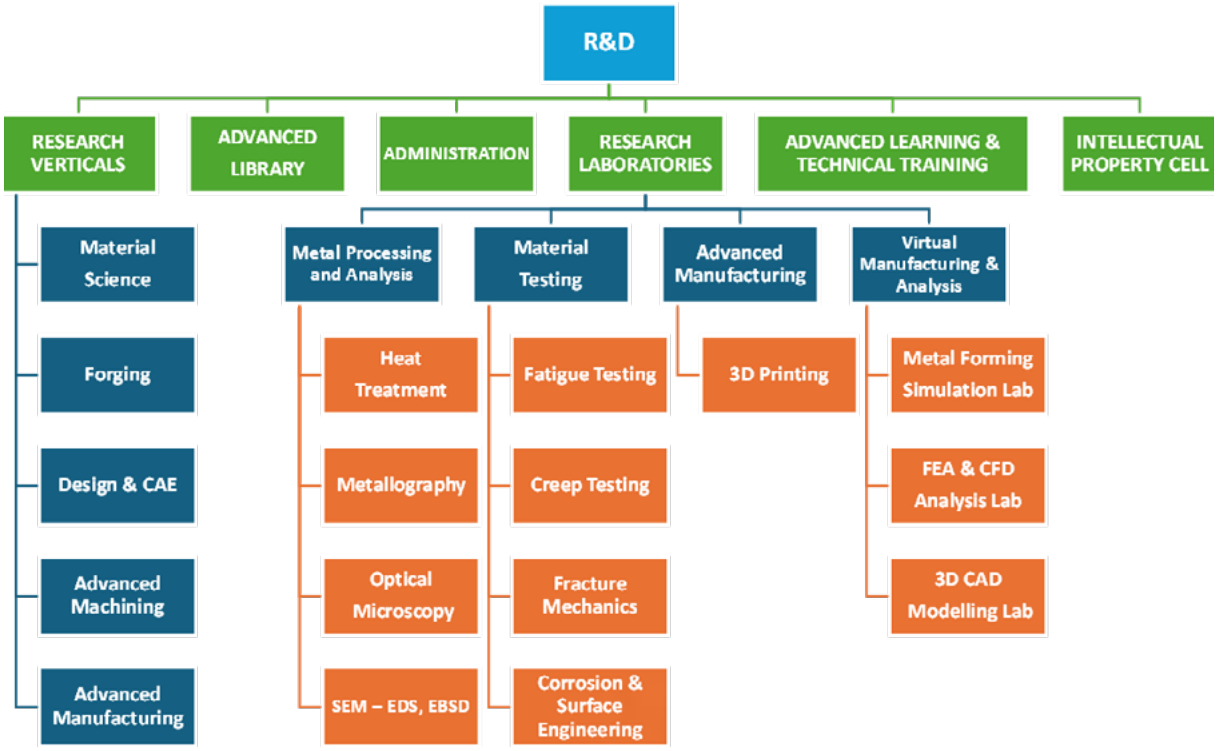
Bharat Forge is also accelerating the shift to clean mobility with electric powertrains, battery systems, and lightweight Aluminum components. Its castings business supports sectors like wind, agriculture, and hydraulics with precision solutions. Additionally, the company contributes to healthcare with critical medical products such as ventilators and orthopaedic implants—underscoring its commitment to innovation, resilience, and global impact.

About Intellectual Property (IP) Policy

Bharat Forge's IP policy fosters a culture of innovation, recognizing creative contributions on World IP Day with senior leadership accolades. Through targeted training, it raises awareness of IP's strategic value and benefits. Robust processes ensure effective identification, protection, and management of IP, aligning with business strategy.

R&D structure

Bharat Forge Ltd.'s R&D structure is a cornerstone of innovation, driving advancements across key verticals such as Material Science, Forging, Design & CAE, Advanced Machining, and Manufacturing. With state-of-the-art facilities for Metal Processing, Material Testing, and Advanced Manufacturing (including 3D Printing, MIM), it fosters cutting-edge research. Simulation labs for FEA, CFD, and Metal Forming, alongside a 3D CAD Modelling Lab, enhance technical expertise. The integration of AI and ML further accelerates smart manufacturing and design optimization. Committed to protecting innovations, the dedicated IP Cell safeguards intellectual property, ensuring Bharat Forge's technological leadership and global competitiveness in the industry.



Team Strength

Bharat Forge Ltd.'s R&D team of 179 highly skilled professionals, including Ph.D. holders, M. Techs and B. Techs experts from premier institutes like IITs and NITs, is a powerhouse of innovation. The 14-member IP cell expertly manages patents, conducts strategic IP analysis, and fosters invention harvesting, ensuring technological leadership and global competitiveness.

Best practices

Bharat Forge Ltd. follows best practices that drive innovation and technological excellence while prioritizing people development for long-term success. Our R&D unit, recognized by the Department of Scientific and Industrial Research (DSIR), maintains global standards. KCTI Laboratories, certified ISO 17025 (NABL) and ISO 9001, are trusted by leaders like Rolls Royce and Boeing for product testing. We partner with IIT Bombay, IIT Kharagpur, BITS Pilani, DIAT, Pune University, and Deakin University, Australia, to advance research and learning. Specialized management programs with Warwick University develop future business leaders, while training with national and international experts enriches R&D, fostering innovation and IP culture.

Biocon Biologics

About the Company

Biocon Biologics, headquartered in Bengaluru, India, is a fully integrated leading global biosimilars company with established capabilities in the development, manufacturing and commercialization of high-quality biosimilars. It has a unique portfolio of monoclonal antibodies, insulins and conjugated recombinant proteins for diabetes, cancer, autoimmune diseases, serious eye conditions and bone health, Biocon Biologics is fully committed to the long-term sustainability of global biosimilars access.

Over the years, Biocon Biologics has grown into a leading global biosimilars player, enabling affordable access to life-saving medicines and transforming patients' lives across the world. We have a broad pipeline of 20 biosimilar molecules spanning insulins, monoclonal antibodies and conjugated recombinant proteins, out of which eight are commercialized products. Direct commercial presence in advanced and emerging markets take us closer to patients, payors and healthcare systems, and strengthen our position as a global biosimilars player.

About the Products

a) JOBEVNE, a recombinant humanized monoclonal antibody used to treat several different types of cancer, is a biosimilar to the reference product Avastin® (bevacizumab). JOBEVNE is a vascular endothelial growth factor (VEGF) inhibitor that binds with VEGF and blocks the interaction with its receptors to prevent angiogenesis – combating cancer by restricting blood supply to the tumor.

b) YESINTEK (ustekinumab injection) and YESINTEK I.V. (ustekinumab for injection, solution for intravenous infusion) is a biosimilar to STELARA and STELARA I.V., a fully human IgG1κ monoclonal antibody, a first-in-class agent that binds with specificity to the shared p40 protein subunit of human cytokines interleukin IL-12 and IL-23 mediated signaling associated with immune-mediated diseases. The Phase 3 STELLAR-2 study demonstrated no clinically meaningful differences between YESINTEK and STELARA in terms of pharmacokinetics, efficacy, safety, and immunogenicity.

About Intellectual Property (IP) Policy

Biocon strives to be a globally distinguished integrated biotechnology enterprise by excelling in discovery and R&D–driven intellectual asset creation. Recognizing IP as vital to biopharma innovation, Biocon follows a robust WIPO-aligned IP policy emphasizing protection, confidentiality, ownership, disclosure, licensing, and commercialization to safeguard inventions and support sustainable growth.

R&D structure

Biocon Biologics' Research and Development organisation is fully integrated to develop high-quality biosimilars (recombinant insulins, monoclonal antibodies and other protein therapeutics) that can be registered in highly regulated markets like U.S., Europe, Canada, Australia and Japan. Biocon Biologics are developing high-quality and affordable biosimilars that can expand access to cutting-

edge therapeutics for patients globally at their R&D sites in Bengaluru and Chennai (India). A highly motivated team of scientists drive the momentum towards achieving organizational objectives through sustained efforts on all fronts in order to manage and advance the Company's pipeline of biosimilars. Biocon Biologics Research Centre at Bangalore has the following capabilities:

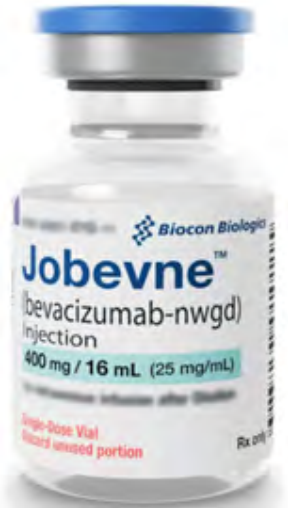
- Molecular and cell biology laboratories
- Advanced process sciences laboratories for the cell culture, downstream purification and formulation development
- The drug product development facilities
- Biologics characterisation facility
- Development and validation of bioanalytical assessment platforms
- Sensitive analytical methods to quantitate pharmacodynamic and response biomarkers
- Data analytics capabilities

Team Strength

Our organization has a dedicated team of around 13 techno-legal professionals with pooled qualifications including PhD, M. Pharm, MBA, MSc (Biotechnology/ Chemistry/ Medicinal Chemistry/ Engineering), B.tech with additional LL.B., LL.M and P.G. Diploma in patent laws, patent agent and trademark agent.

Best practices

- Strict adherence of IP policy in the Organization
- Regular Update to RnD on IPR
- Regular IPR and confidentiality awareness session for new joiners and cross-functional teams



BITS Pilani

About the Company

Birla Institute of Technology and Science (BITS) Pilani, with campuses in Pilani, Goa, Dubai, Hyderabad, and Mumbai, is a research-focused institution and has been conferred the status of Institute of Eminence by the Ministry of Education. BITS Pilani is renowned for its high standards in teaching, strong R&D programs, deep industry–academia linkages, its Practice School model, a vibrant startup ecosystem (among the three largest in academia in India), multiple centres of excellence, and specialized research labs tackling interdisciplinary, cutting-edge technologies. These efforts have resulted in numerous patents, technology transfers to industry, and funding support from government, industry bodies and alumni.

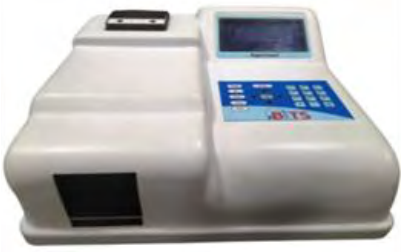
In recent national rankings, BITS Pilani has made significant strides: in the NIRF 2025 ranking, it rose to 16th overall (from 23rd in 2024), ranked 7th among universities, and climbed to 11th in engineering. It also achieved 2nd rank nationally in the pharmacy category.

Internationally, in the QS World University Rankings 2026, BITS Pilani is placed at #668 globally. Additionally, in QS's subject-wise rankings, the Pharmacy & Pharmacology department of BITS secured #84 globally.

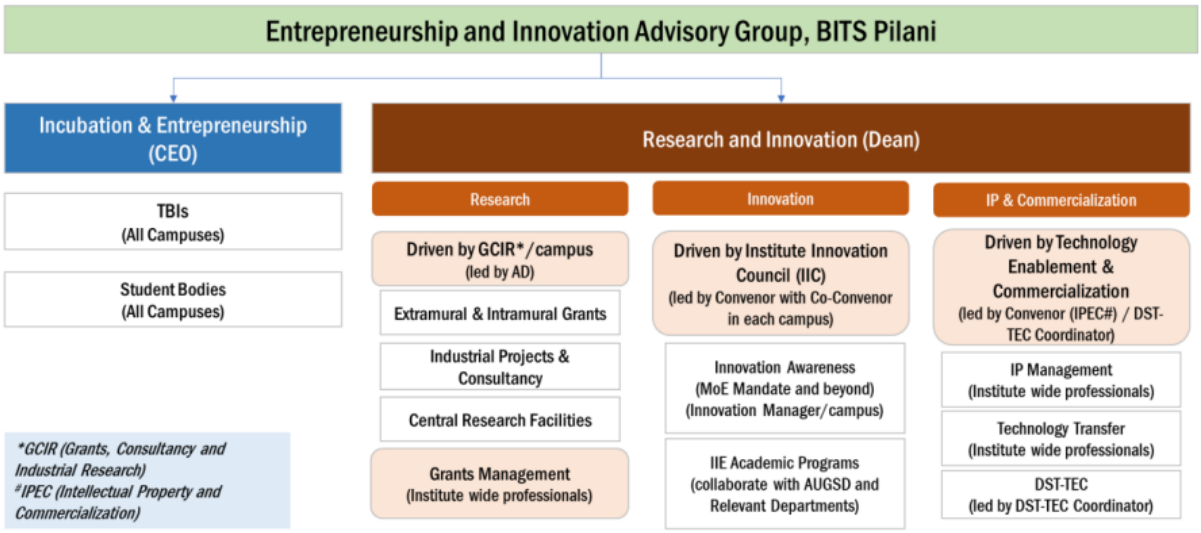
About the Products

BITS Pilani's Intellectual Property (IP) and technology Transfer Policy is fully aligned with the National Innovation and Startup Policy (NISP), fosters a culture of innovation by actively promoting patent filing by faculty, students, and faculty-led start-ups. It encourages the protection, ownership, and commercialization of inventions developed within the institute, with fair revenue sharing among stakeholders and single window clearance for IP transfer and spinoff creation.

A well-structured Intellectual Property Enablement and Commercialization Cell (IPEC) supports this ecosystem, housing the IP and Technology Transfer (TT) Office, staffed with trained professionals. This office provides end-to-end support for IP filing, technology licensing, commercialization, and industry engagement, ensuring seamless translation of research into real-world impact. This office facilitates IP filing, licensing, technology transfer, and strengthens industry collaboration. The policy also supports faculty entrepreneurship through enabling frameworks that align with national innovation goals.



R&D structure



Team Strength

BITS Pilani's Research and Innovation team is headed by Dean research and Innovation, with Associate Deans and Coordinators at each campus to manage the extensive research and innovation related activities including Research Vertical: Grants, Consultancy, and Industrial Research (GCIR) Innovation Vertical: Institute Innovation Council (IIC) IP and Commercialization Vertical Each vertical is run by professionals following the best practice in their respective fields of research management, innovation and IP management. The current team strength of the R&I Division is as follows: GCIR comprises 19 members, IIC comprises 6 members, and IPEC comprises 8 members.

Best practices

BITS Pilani's integrated approach and best practices in teaching, research excellence, innovation support, entrepreneurial freedom, and structured IP and technology transfer services position it as a national leader in academic innovation. The institute boasts state-of-the-art infrastructure and fosters strong industry–academia linkages through its unique Practice School model. Multiple centres of excellence and specialized labs, supported by collaborations with industry and government funding agencies, focus on interdisciplinary, cutting-edge technologies that set BITS apart. Its vibrant startup ecosystem, supported by structured innovation funding, infrastructure, and policy, ranks among India's top three in academia. BITS's robust policy framework and dedicated divisions are fully aligned with national innovation and startup policies, ensuring streamlined implementation and clear outcomes, supported by trained professionals attuned to stakeholder needs. These best practices have resulted in numerous patents, technology transfers, and sustained funding.

Blu Cocoon Digital Ltd

About the Company

Our world today is a tapestry of a series of challenges that have been overcome by us, as a species, each step leading to a better quality of life for the world, for instance: the invention of the wheel,the conception of the light bulb- extending illumination into nighttime, vaccinations against disease.In a similar vein, shortages in food, and providing access to healthy food across the world, are simply hurdles that need to be addressed to get to the next level: a greener, better future. Our vision at Blu Cocoon Digital is simple: we envision a world where lack of food is history, and every person can afford, and easily access good quality food, where wastage is reduced, and operations are carried out in a way that is sensitive and responsible towards the future of this planet.

We are on a mission to harness the power of Artificial Intelligence and digital throughout the food ecosystem. Envisioning a world where sustainably produced, healthy, affordable food is accessible to all, we offer solutions that bring in the power of AI into the food value chain. We are on an unstoppable mission to develop a range of services and products, in essence, bringing our goals and visions to fruition.

About the Products

- AGRi360®, AI-powered product from BCD
- Fertilizer Manufacturers
- Banks and Agri Insurance service providers

Centre for Development of Telematics Ltd

About the Company

The Centre for Development of Telematics (C-DOT) is India's premier telecom research and development institution, established in 1984 by the Government of India to drive indigenous innovation in telecommunications. Created with the vision of reducing India's dependence on foreign technology, C-DOT has played a transformative role in expanding and modernizing the country's communication infrastructure. Its early achievements include the development of rural and urban digital exchanges, which significantly improved connectivity across remote regions.

Over the years, C-DOT has evolved to address emerging technological needs, focusing on next-generation networks, cybersecurity, optical communication, IoT, and 5G/6G research. The organization contributes to national digital initiatives by creating secure, scalable, and affordable telecom solutions tailored to India's diverse environment. C-DOT's collaborative approach—working with industry, academia, and government agencies—has strengthened the nation's technological self-reliance. Today, it continues to be a key driver of India's digital transformation and telecom innovation ecosystem.

About the Products

The C-DOT 4G/LTE Router (CLR-150) is a cost-effective, high-throughput, and exceptionally reliable communication solution designed to provide robust LTE backhaul connectivity for the On-board Vehicular KAVACH (OVK) Application in Railway environments. Engineered for mission-critical operations, the device is ruggedized and optimized to function in extremely harsh indoor conditions.

1. C-DOT LTE-Router (CLR-150)

Key Features

- Modular single-box solution delivers stable and high-performance for LTE backhaul connectivity, designed to support mission-critical safety applications.
- Supports 4G/LTE cellular and Ethernet interfaces, WAN-side air interface upgradable to 5G, backward compatible with 3G/2G networks, 2×2 MIMO LTE for improved throughput, equipped for precise location tracking.
- Built for continuous, long-term deployment, operates in extreme climate, with minimal maintenance.

II. C-DOT intelligent attendance system (CIAS)

CIAS is an intelligent Facial-Recognition–based attendance and access-control solution equipped with advanced security, user-guidance, and management features. Includes various miscellaneous enhancements to improve usability, security, and system reliability.

Key Features

- Automatically captures an image from the camera, detects the human face, extracts key facial features required for identification and marks attendance of registered staff with success notification. Records attempt by unregistered users for security purposes.
- Detects if the user is wearing a mask and prompts user to remove the mask for accurate recognition.
- Identifies spoofing attempts and halts attendance processing for a defined time period upon detecting fraud and sends automated fraud alerts to the administrator.
- Built with a Web-Based Management Portal dashboard for:
    - Logs and statistics
    - Reports with filters
    - Enable/disable staff from system
    - Monitoring of suspicious and spoofing activities

About Intellectual Property (IP) Policy

C-DOT's IP policy is designed to protect the outcomes of its research efforts and maximize the value of its intellectual assets. It encourages high-quality innovation by ensuring prompt and effective legal protection for its intellectual property. The policy also focuses on strengthening strategic partnerships and increasing the commercial potential of C-DOT's IP.

R&D structure

Team Strength

C-DOT's IPR team consisting of 6 members, helps strengthen innovation by upgrading engineers' skills through extensive training, conducting thorough techno-legal analyses, monitoring global patents, and assessing IP risks before R&D or publication. It safeguards C-DOT's IP, identifies collaboration opportunities, and engages in national forums to guide public opinion and influence policy on key IP matters.

Best practices

C-DOT follows several best practices to ensure strong Intellectual Property Rights (IPR) management. It emphasizes early identification of patentable ideas and conducts rigorous techno-legal evaluations before starting or publishing R&D work. The organization actively monitors national and international patents to avoid infringement and protect its IP portfolio. Engineers receive continuous training in IP processes, drafting, and analysis to strengthen innovation quality. C-DOT promotes technology transfer, strategic collaborations, and transparent IP processes to maximize commercial value. C-DOT encourages inventors and authors by rewarding them in Annual IP Award ceremonies.

Coromandel International Ltd

About the Company

Coromandel International Limited, a flagship company of the ₹77,881 crore Murugappa Group, stands tall as one of India's foremost agri-solutions providers. With innovation at its core and sustainability as its guiding light, Coromandel operates across the agricultural value chain—spanning fertilisers, crop protection, specialty nutrients, bio-products, and organics. It is the second-largest manufacturer and marketer of phosphatic fertilisers in India, and a key exporter of crop protection formulations and technicals to international markets.

Backed by seven DSIR-recognised R&D centres, the company has filed over 100 patents and trademarks globally, covering green chemistry-based formulations, novel delivery systems and advanced bio-pesticides. Its pioneering work in neem-based and low-toxicity solutions has earned it global recognition as a leader in bio-agri technologies. The company's IP-led innovation strategy perfectly aligns with its vision to deliver farmer-first, future-ready solutions.

With a revenue of ₹24,444 crore in FY 2024–25, Coromandel is leaving no stone unturned in transforming Indian agriculture. Recognised by the UNDP and TERI as one of the top 10 greenest companies in India, Coromandel also operates a vast rural retail network of 1,000+ outlets, reaching over 3 million farmers—offering not just products, but knowledge, advisory, and field-level support.

About the Products

Coromandel International Limited is a leader in delivering innovative and sustainable agrisolutions that empower farmers across India. Its diverse product portfolio includes fertilisers, speciality nutrients, crop protection chemicals, bio-products, and organic solutions designed to enhance farm productivity and soil health. With a strong focus on research and development, the company offers cutting-edge, farmer-centric products backed by robust intellectual property.

In FY 2024–25, Coromandel launched several key innovations.

- Prachand, developed in collaboration with ISK Japan, is a patented insecticide designed specifically for paddy crops. It uses a dual-mode action to effectively control major pests like stem borers and leaf folders, significantly reducing yield losses and promoting sustainable crop protection.

- The Godavari product line was further strengthened with the launch of Godavari KRich and Kash, an organic potash-based product designed to enhance crop quality and resilience. With 14.5% potassium content and added calcium and sulfur, K-Rich improves plant strength, root development, drought resistance, and post-harvest quality. It also supports enzymatic activity and photosynthesis, making it ideal for both organic and integrated farming systems. Godavari K-Rich embodies Coromandel's commitment to eco-friendly and soil-enriching agri-solutions.

Other important innovations include a product targeting fall armyworm in corn and patente dual-action fungicides for rice, potatoes, grapes, and tomatoes, including a novel fungicide for sheath blight in rice. Supported by seven DSIR-recognised R&D centres, Coromandel continues to expand its IP-driven product pipeline, offering sustainable, effective, and scalable solutions to enhance agricultural productivity and resilience in India.

About Intellectual Property (IP) Policy

Coromandel's IP policy treats innovation as its beating heart, protecting inventions with utmost vigilance. By thinking outside the box and keeping its finger on the pulse, it nurtures R&D, fosters collaboration, and manages IP meticulously—turning bright ideas into sustainable growth and a competitive edge in agriculture.

Team Strength

Coromandel's IPR team, a dedicated force of skilled professionals, leaves no stone unturned in safeguarding intellectual property. Our duteous approach and collaborative character ensure robust protection and strategic management of IP assets, strengthening the company's innovation pipeline and maintaining its competitive edge in the agricultural sector.

Best practices

Coromandel's best practice centers on embedding innovation into its DNA, where protecting intellectual property is second nature. The company's well-structured IPR team, comprising seasoned experts, leaves no stone unturned in securing patents, trademarks, and trade secrets. This team acts as the backbone of Coromandel's IP strategy, ensuring rigorous IP management, fostering cross-functional collaboration, and driving continuous alignment with global IP standards. By thinking outside the box and keeping its finger on the pulse of emerging trends. Coromandel safeguards its competitive trench while accelerating sustainable growth and delivering breakthrough solutions for farmers.

R&D structure

Chandigarh University

About the Company

About the Company: Chandigarh University (CU) is a NAAC-accredited A+ private research university, offering a broad spectrum of undergraduate, postgraduate, and doctoral programs across engineering, management, liberal arts, biotechnology, computing, pharmacy, architecture, and more. CU is recognized for academic excellence, innovative pedagogy, and strong industry-academia linkages, consistently ranking among North India's leading institutions. With a dynamic campus ecosystem of multiple institutes and research centres, CU fosters an environment where students and researchers gain exposure to cutting-edge learning, global collaborations, and wide professional opportunities.

IP Policy: CU encourages creation, protection and commercialization of intellectual property by supporting In-House patent filing, technology-transfer and start-up incubation, providing IPR support to students, faculty and researchers in an ethical and transparent framework.

Dr. Reddy's Laboratories Ltd.

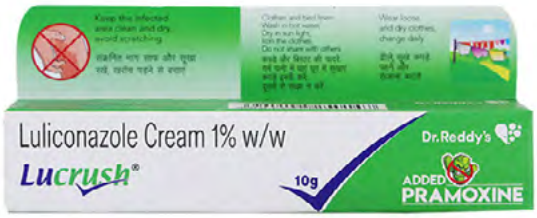
About the Company

Dr. Reddy's Laboratories Ltd. is a global pharmaceutical company headquartered in Hyderabad, India. Established in 1984, we are committed to providing access to affordable and innovative medicines. Driven by our purpose of 'Good Health Can't Wait', we offer a portfolio of products and services including APIs, generics, branded generics, biosimilars and OTC. Our major therapeutic areas of focus are gastrointestinal, cardiovascular, diabetology, oncology, pain management and dermatology. Our major markets include – USA, India, Russia & CIS countries, China, Brazil, and Europe. As a company with a history of deep science that has led to several industry firsts, we continue to plan and invest in businesses of the future. As an early adopter of sustainability and ESG actions, we released our first Sustainability Report in 2004. Our current ESG goals aim to set the bar high in environmental stewardship; access and affordability for patients; diversity; and governance.

About the Products

1) Luliconazole Cream with Pramoxine

Luliconazole is an azole antifungal, used in the treatment of infections caused by fungus and yeast. It is often recommended to add a low-to-medium potency topical corticosteroid to the topical antifungal treatment regimen to relieve symptoms associated with dermatophyte infections such as itching, burning and erythema. However prolonged use of steroids leads to persistent and recurrent infections and adverse effects including but not limited to skin atrophy, striae, and telangiectasias. To overcome these disadvantages of corticosteroids, Pramoxine hydrochloride, a topical anaesthetic which exerts anti-pruritic effect by stabilizing membranes of sensory nerves, effectively decreases itch in patients with xerosis, uremic pruritus, and psoriasis is combined with the antifungal agent. DR. REDDY'S new topical formulation of luliconazole (1% w/w) containing 1% pramoxine significantly reduced itch in cutaneous mycoses with no reported adverse events and is highly useful for the patients with itching along with fungal infections.



2) Venusia Ureka Cream:

Venusia UREKA Cream is a urea-based moisturiser from DR. REDDY'S with a triple-action formula that combines urea for hydration and exfoliation, Pramoxine HCL for anti-itch relief, and nourishing ingredients such as Shea Butter with Phytosqualan for deep hydration. Urea is a clinically proven moisturiser which can help exfoliate and repair the skin. It is a dermatologist-recommended formula designed for dry, thick, and itchy skin. With its triple-action power of Urea, Pramoxine and Shea Butter with Phytosqualan, it softens scaly skin and restores smoothness. Enriched with Allantoin and Lactic Acid, it repairs and soothes while being paraben-free and allergen-free. Ideal for daily use, Venusia

Ureka provides visible results in 3-5 minutes, making skin healthy, supple, and comfortable.

C. Company IP Policy:

The company's IP policy and processes focus on protecting and managing company's valuable IP assets (such as brands, patents and confidential information) across the globe. The policy is designed to encourage and reward the creation of IP and simultaneously respecting the valid Intellectual Property rights of the third parties by avoiding the infringement of the same. The IP Policy aims to provide transparent administrative system for the ownership, control and transfer of the IP created and owned by the Company. The policy is also directed towards the protection of the current and future products of Dr. Reddy's. Internal and/or external audits, at a suitable interval, of the existing IP is also an important component of the IP policy.

Team Strength:

The passionate IP team of Dr.Reddy's works closely with R&D and commercial teams on various IP aspects and supports the organization's growth across the globe. The team consists of around 80 techno-legal professionals with PhD/ Post-doc or Master's degree in Pharmaceutics, Chemistry and Biotechnology. Many of the IP team members hold Law degrees and are also Indian registered patent/ trademark agents. The team is vastly experienced in all facets of IP starting from product ideation and selection to handling patent litigation across globe.

F. Best Practices:

Few of the best IP practices at Dr Reddy's are as follows:

- Respecting the valid patents of third parties globally and challenging the vulnerable patents to facilitate early access to costly patented medicines
- Designing robust IP strategies for First to market the products across territories as we believe in purpose that 'Good Health Can't Wait'
- Creating robust IP estate for the innovative and generic products
- Collaborate with Universities and/or best pharmaceutical companies to enhance access to costly & complex medicine
- Regular Update on IPR and confidentiality awareness session for new joiners and cross-functional teams

Electrical Research and Development Association

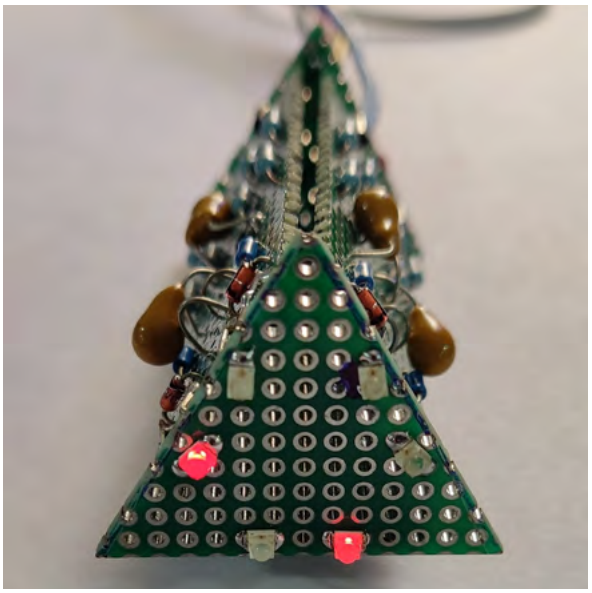
EXPERIENCE THE EXCELLENCE

About the Company

Electrical Research and Development Association (ERDA), registered under society's act and Public Trust formed under the Charity Commissioner of Maharashtra, was promoted by the Electrical industries and some Utilities with support from Govt. of India through CSIR and grant given by the Government of Gujarat. ERDA was established at Vadodara on the land provided by Gujarat government free of cost.

The aim of research and development (R&D) division of ERDA is to improve the current technologies available in the market and to develop innovations that strengthen the industry and utilities position in the marketplace. ERDA operates from its 25 acre head office located at Makarpura, Vadodara having 24 State of Art Testing laboratories to test 135+ electrical products to cater the industry and utility requirement.

About the Products



VPI and AVT: Voltage Presence Indicator and Absence of Voltage Tester are devices for continuous monitoring of presence of hazardous voltage and providing positive indication for presence of safe voltage for safety application in electrical panel. These patented technologies help to avoid electrical hazards and protect workers and hence improve worker safety during maintenance / servicing of electrical systems and circuits.

Reversible Aluminium Ion Battery Energy Storage Technology: This patented invention is related to battery cell technology for energy storage applications. The battery comprises an anode comprising zinc metal; a cathode comprising a material capable of intercalating ions during a discharge cycle and deintercalating the ions during a charge cycle. The battery further comprises an electrolyte capable of supporting reversible deposition and stripping of aluminum at the anode, and reversible intercalation and deintercalation of aluminum at the cathode.

About Intellectual Property (IP) Policy

As the Electrical Research and Development

Association (ERDA), R&D is fundamental to our mission, receiving the strongest organizational thrust.

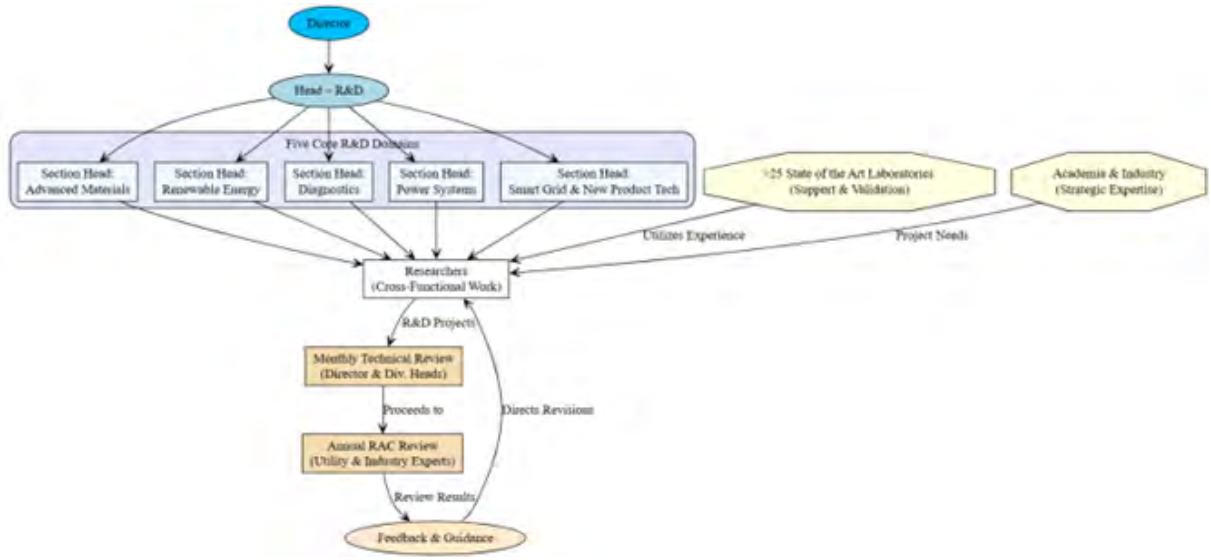
Our IP Policy cultivates a culture of innovation and protection, driving early and comprehensive Invention Disclosure by researchers. This is supported by a robust incentive and recognition program to foster continuous creation. The policy establishes a clear framework for IP ownership, registration, maintenance, and commercial exploitation. We specifically focus on protecting inventions that offer high value to the Indian Electrical Utilities, Industries, Entrepreneurs and MSMEs, ensuring our intellectual assets maximize sectoral impact.

R&D structure

The Electrical Research and Development Association (ERDA) operates a robust and collaborative R&D structure, spearheaded by the Head – R&D. This division is strategically organized around five core technical domains:

1. Advanced materials,
2. Renewable Energy,
3. Diagnostics,
4. Power Systems,
5. Smart Grid and New Product Technologies

Each domain is led by a dedicated Section Head who ensures specialized supervision for our researchers. A key feature of our structure is cross-functional engagement, where researchers across the five domains actively collaborate to leverage diverse expertise and deliver holistic solutions for the electrical industry.



Best practices

We maintain innovation excellence through structured practices focusing on quality and protection:

1. Exhaustive Literature and Patent Review: Mandatory review of global technical papers and patents precedes all project starts to establish freedom-to-operate and avoid duplicating existing art.
2. Mandatory IP Disclosure (IDP): A strict IDP is enforced for all employees, ensuring the early, formal capture of novel ideas and know-how.
3. Robust Rewards and Recognition Incentive Scheme: We offer competitive rewards and recognition linked to key milestones, specifically the successful filing and grant of patents, to sustain motivation.

Endurance Technologies Ltd

About the Company

Endurance is a leading automotive component supplier with complete capability of design, development and manufacturing, offering a diverse range of technology driven products across its operations in India and Europe (Italy and Germany). In India, the Company caters to leading OEMs, providing products such as aluminium die casting, suspension, transmission, braking systems and embedded electronic products. In Europe, it manufactures aluminium die casting components for major OEMs. It also has a significant presence in the aftermarket business.

Starting with two aluminium die casting machines in 1985, the Company has grown to 34 strategically located manufacturing facilities in proximity to its OEMs across its die casting, suspension, braking, transmission, electronics and aluminium forging verticals. Additionally, we are the first tier-1 supplier in India to set up an advanced test track (Endurance Proving Ground) for direct on-vehicle product testing. Our 29-acre Endurance Proving Ground has a variety of track surfaces for testing braking, suspension, and gearbox systems. Being almost present in each of the corner of the two and three wheeler's depth we now are entering to the heart of the EV's with the construction of a technically better lithium-ion battery pack manufacturing factory near Pune.

About the Products

- **RSA with Preload Adjustable & DF Adjustability**

  Rear Shock Absorber with hydraulic preload adjuster and damping force adjustability with Ø46 bore mono tube is one of the core product of the ETL's product portfolio known and highly demanded for its performance and durability in aggressive Supermoto and street riding conditions.

USD Front Fork with DF Adjustability

Up-Side-Down Front Fork Suspension with Damping Force Adjustability, sometimes called as Inverted Front Fork Suspension, is another core product of ETL's product portfolio. The high-quality 48 mm Inverted Front Fork Suspension is highly demanded for its performance and durability in aggressive supermoto and street riding conditions.

About Intellectual Property (IP) Policy

ETL do have IP Policy in place which encompasses all types of IPs that are relevant to the ETL business and the guidelines therefor. The Salient Features of ETL IP Policy are as under:

- Nurture the Culture of Innovation
- Roles and Responsibilities of IP Cell, Inventors, and R&D Heads

- Roles and Responsibilities of Senior Management (CXO Level) in IP Related Strategic Decisions / Deliberations
- Process Flow of Invention Disclosure to Filing Patent / Design Application along with Internal Timelines
- Monetary Incentives and Recognitions to Inventors for Filing Patent Applications and Grant of Patents.
- Guidelines for Maintaining IP Portfolio.
- Guidelines and SOP for Working with Third Party (i.e. customers, vendors, academic organizations) / Collaborative Development (i.e. joint development with technology solution providers)

R&D structure

The R&D of ETL is based on CITTI values (Customer Centricity, Integrity, Transparency, Teamwork and Innovation) which is core working philosophy of the ETL's work culture. Faster reaction times and better alignment with customer needs are made possible by our strategically placed R&D centres and manufacturing sites near important OEM locations. The Company recognises that a robust Research and Development ("R&D") foundation is critical for sustaining business profitability and achieving high customer satisfaction.

Team Strength

Over 382 engineering professionals from a variety of top academic organizations are directly involved in R&D activities, supported by substantial resources focused on innovating new products and enhancing existing offerings to provide cutting-edge solutions. In line with the philosophy of CITTI values, to nurture the culture of innovation and IPR, we have dedicated IP Team (as depicted below) to protect the innovations under the right type of the IP at the right time.

Best practices

Innovation is the heart of Endurance. Our R&D initiatives are critical for us to maintain our leadership and innovation driven competitive edge in our chosen verticals. Being technology driven organization, IP Management at the ETL is at the centre stage, the salient features of the best practices being followed are under:

- Very simple and user friendly Invention disclosure process,
- Systematic and Analytical reciprocation to the inventors through thorough Patentability Analysis Reports,
- On quarterly basis, IP awareness sessions / workshops covering the different topics of IP Management,
- Through HR Calendar, mandatory activities to enhance the skills and exposure of IPR for R&D Engineers, Marketing Workforce, Operations Officers about the different domains of analytics, IP portfolio and getting updated with latest IP management strategies, etc.

EO2 EVSE Private Limited

About the Company

EO2 Evse Private Limited is a DPIIT Government of India approved startup company specializing in the manufacturing of Electric Vehicle Chargers and Components. As a leading provider, we offer a diverse range of sustainable and contemporary Electric Vehicle Charging Stations and Components, ensuring high-performance, fast charging, and effective functionality. Our mission is to deliver innovative and affordable charging infrastructure right to your doorstep.

Proudly an Indian EV charging station brand, we are dedicated to catalyzing the rapid adoption of electric vehicles. Through the deployment and operation of robust and sustainable EV charging stations and components, we are committed to establishing a cutting-edge and powerful EV charging infrastructure powered by renewable electric energy.

About Intellectual Property (IP) Policy

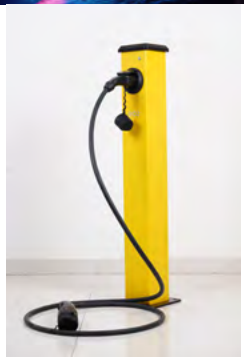
EO2 Evse Private Limited safeguards all innovations,design and technologies through patents,trademarks and copyrights.The company promotes creativity and ensures strict protection of intellectual property across all products and processes.

Team Strength

The EO2 team combines innovation,engineering excellence,and strong leadership.with expertise in EV technology,product design,and manufacturing,the team ensures high-quality,patented AC chargers.Driven by passion,precision and sustainability,EO'2 dedicated professionals work together to create world-class charging solution,positioning EO2 as a leader in india's EV revolution.

Best practices

EO2 should pursue robust quality assurance and reliability testing to ensure >95% uptime. Adopt open communication standards for interoperability.Integrate secure payment and software systems meeting PCI and cybersecurity standards.Maintain modular,scalable hardware design to simplify upgrades.Foster continuous innovation through pilot projects and feedback loops. Protect IP through patent,trademark and nondisclosure policies.



EPL Ltd.

About the Company

EPL Limited, formerly Essel Propack Limited, incorporated in 1982, is a global specialty packaging company based in Mumbai, India. It manufactures laminated plastic tubes, producing over 9 billion units annually for oral care, beauty, cosmetics, pharmaceuticals, healthcare, food, nutrition, and home care sectors. EPL is a global leader in the oral care segment, producing one in every three tubes worldwide. The company operates 20 advance manufacturing facilities across 10 countries, serving major FMCG brands. Its global presence spans four key regions: the Americas (USA, Brazil, Mexico, Colombia), Europe (Germany, Poland), AMESA (Africa, Middle East, South Asia with India and Egypt), and EAP (East Asia Pacific with China and the Philippines). Through innovation, sustainability, and advanced technology, EPL delivers high-quality, efficient, and eco-friendly packaging solutions, maintaining a strong global footprint and leadership in tube packaging across multiple consumer markets.

About the Products

Laminated Tubes: Collapsible tubes used primarily for toothpaste and other oral care products, as well as cosmetics, pharmaceuticals, and food applications. EPL produces about one-third of the global supply of tubes in oral care, holding a 35% market share in this category.

Extruded Tubes: Durable tubes for various applications including personal care and pharma products, designed for enhanced barrier properties and convenience.

About Intellectual Property (IP) Policy

EPL Ltd. has a strong IP focus as nearly 30% of R&D budget is devoted to IP activities. This ensures the innovative products are protected across the globe aiding sales and also mitigates the IP risk for operation and business continuity. The policy also ensures respect for third-party intellectual property rights and to maintain confidentiality. EPL engages the globally best-in-class Law firms to ensure the best IP practices are in place. This engagement enables the IP generation is of quality, frugal and enforceable, hence of business vitality.

The company proactively files patents on important inventions to protect innovation and secure competitive advantage. Freedom-to-operate (FTO) assessments are conducted to

avoid infringement risks. Unauthorized use, disclosure, or infringement of IP is prohibited.

R&D structure

EPL's R&D structure is headed by the President of Creativity & Innovation along with General Manager. EPL Research focuses on development of sustainable product, and closely collaborates with customers to fulfil their needs.. The R&D focuses on development of new laminates, generating and protecting the IP, ensuring product safety through regulatory compliance, generates product carbon footprint reports. R&D collaborates across functions integrating Business Development & Sales, Production, Supply-chain, and IT team. EPL also emphasizes digital and process innovations, supported by senior leadership including the CEO and COO to ensure alignment with organizational goals and operational efficiency. This structure fosters continuous innovation, eco-friendly product development, and robust collaboration across departments and regions to maintain its leadership in specialty packaging.

Team Strength

EPL's R&D structure comprises a team of experts specializing in polymer science, conversion technologies, product design, sustainability and regulatory compliance. The team focuses on innovation, sustainability, and customer collaboration to develop high-performance, eco-friendly packaging solutions. The team also includes specialists in IP to protect innovations and mitigate IP risks. This integrated structure enables EPL to stay ahead in industry with innovative, safe, and sustainable packaging solutions that cater to diverse markets worldwide.

Best practices

EPL's R&D best practices include disciplined creativity and innovation focused on sustainability and customer needs. The team conducts thorough research on material science, product resistance, and migration, followed by prototype development and rigorous testing. Close customer interaction ensures solutions fit market demands, with constant improvements based on feedback. EPL invests continuously in advanced technology and sustainable materials to reduce carbon footprints. Cross-functional collaboration and regulatory compliance are maintained consistently. These practices enable EPL to lead in specialty packaging with eco-friendly, high-quality products that meet global standards while driving operational excellence and supporting long-term growth.

Forbes Marshall

About the Company

Forbes Marshall has over seven decades of experience in building steam engineering and control instrumentation solutions and is well established as a trusted brand based on its product quality and innovative solutions. Besides being named in several market reports as a leading manufacturer globally and ranked as "Best Workplaces" in India as well as Asia, Forbes Marshall has also won several awards for its product design and energy efficiency. The brand "FORBES MARSHALL" has also been recognized as a well-known trademark in India. The Company is also recognized for its many CSR initiatives.

About the Products

Forbes Marshall specializes in boilers, steam systems, steam and water analysis systems, industrial valves, control instrumentation, emission monitoring and vibration monitoring systems. The company has introduced several innovative products such as - FlashJet Pump (an integrated solution combining a pressure powered condensate pump with a flash vessel, designed for closed-loop, total recovery of both flash steam and condensate, ensuring optimal energy balance), Compact thermodynamic steam trap modules, TOFT (a compact twin orifice steam trap designed to handle high and varying condensate discharge capacity), Forbes Marshall Digital- EverSense (digital remote utility monitoring system delivering real-time, actionable insights to enhance and sustain the performance of plants, equipment, and products), Wireless steam trap monitoring system, MachPulse (a state of the art digital vibration analysis and diagnostic system, to name a few.

MuPT: The Multi-Utility Process Trap (MuPT) is a first of its kind steam trap featuring a compact, integrated solution for advanced condensate management. MuPT uses specialized sensors to detect contamination based on TDS and temperature. Its integrated diversion mechanism automatically separates and routes contaminated condensate, ensuring only clean condensate is evacuated. The system also provides for steam trap monitoring.

Floating furnace boiler: an innovative product that offers efficient steam generation with rapid response to fluctuating process loads while keeping the emissions at the lowest possible levels.

About Intellectual Property (IP) Policy

Innovation is at the heart of all new product development at Forbes Marshall. The company's IP policy and processes focus on protecting and managing company's valuable IP assets (such as brands, patents, designs softwares and confidential information). The company has well-defined rewards and recognition program for the inventors and designers. Forbes Marshall Group lays special thrust on IPR awareness for its members across various departments in India and internationally.

R&D structure

Forbes Marshall R&D Centres work out of three locations namely, Pune, Chennai and Bakewell (UK). The R&D department is also recognized by DSIR. The company's quantum and incremental innovation efforts have led to continuous improvement in quality and creating products that are future-ready.

There is an in-house Industrial Design team at R&D, which focuses on aesthetics, ergonomics, usability, customer experience, product branding and design for manufacturing. The R&D department also houses an IP Cell for various IPR-innovation interfaces.

The Company has also been acclaimed for its enhanced industry-academia collaboration with institutes in India and overseas.

Forbes Marshall Group also has a specialized steam and condensate test facility for in housing testing of steam engineering and control instrumentation products and has a flow calibration facility accredited by the National Accreditation Board for Testing and Calibration Laboratories, India.

Best practices

R&D and Customer Connect

With a firm belief that robust and reliable products emerge from good customer insights, all R&D engineers are encouraged to have extended immersive sessions at customer factories to gain first-hand experience of the issues faced by customers. This is coupled with design thinking practices to unearth key issues and challenges for developing new products.

IPR awareness across multiple functions

The company actively promotes IPR awareness and provides training across departments, including R&D, HR, legal, finance, marketing, sales, IT, and production. This initiative strengthens the protection of our innovations, fosters cross-departmental collaboration on IP-related matters, and reinforces our approach as an IP driven organisation.

Godrej & Boyce Manufacturing Company Limited

About the Company

Established in 1897, Godrej & Boyce Manufacturing Company Limited (G&B), the flagship of the Godrej Enterprises Group, is one of India's most trusted and diversified conglomerates. Driven by the purpose of "Pioneering Progress for Generations", G&B has been shaping industries for over 128 years through design-led innovation, engineering excellence, and sustainability. G&B has been at the forefront of India's industrial evolution- from launching the world's first patented springless lock to manufacturing India's first typewriter, Godrej steel cupboards, safe deposit vaults and refrigerator, the company has consistently shaped industries and empowered the nation's progress. G&B operates across 14 diverse business units and 10 corporate functions. The company's approach is deeply rooted in its People-First, Nation-First, and planet-First philosophy- prioritizing the aspirations and well-being of customers, partners, and employees; driving innovations that strengthen India's economic and environmental goals; and developing green, sustainable solutions for a cleaner, greener future. The iconic GODREJ trademark, inspired by founder Ardeshir Godrej's signature, symbolizes trust, quality and innovation, recognized as a Well-Known Trademark in India in 2019.

About the Products

- **Posture perfect chair**- IN374766 (image attached)- POSTURE PERFECT is a patented innovation in a work chair that follows the natural movement of the human body and gives support at all recline angles. The chair is suited for workstations and desks in the senior management to executive category offering best in class adjustments to make the user comfortable at work.
- **Wooden finish air conditioner**- IN409808 (image attached): The wooden finish air conditioner originated from the idea of blending home appliances with the modern home interiors. The front panel in wooden finish appears floating on the white body of the air conditioner that enhances overall appeal of the product. The wood finish is further accentuated by the wrap around profile on the sides of the air conditioner. There are multiple wooden shades across different appliances for customers to choose from to match individual preferences.

About Intellectual Property (IP) Policy

The IP Policy promotes innovation and systematic IP management through identification, protection, enforcement, and commercialization of intellectual property. It ensures confidentiality, clear ownership, awareness training, periodic IP audits, protocols to be followed by businesses and employees. Driven by Corporate Legal, it fosters a culture of IP excellence, strategic asset creation, risk mitigation, values creativity, and recognition of employee innovation.

R&D structure

At Godrej, the Research & Development (R&D) facility is the cornerstone of innovation and

transformation in the heavy machinery and the engineering domain. The unit is strategically divided into two key segments:

i) **Operational Unit**- This team manages the day-to-day systematic activities that create new products, improve existing ones, and optimize processes. It comprises highly skilled engineers and technicians specializing in:

- Electronics, Electricals, Aeronautics, Civil, Mechanical Engineering
- Software Development
- Simulation & Modelling

A dedicated Industrial Design co-vertical ensures the development and protection of product designs, maintaining aesthetic and functional excellence.

- Transformational Unit- Focused on breakthrough initiatives, this unit drives product design innovation and new product development. It includes:
- Expert engineers and designers
- Prototype development team responsible for concept design, building, and rigorous testing of prototypes

State-of-the-Art Facilities

The R&D centre is equipped with specialized labs for each vertical, enabling deep involvement in validation and verification of every product and process. This ensures that every innovation meets the highest standards of quality, safety, and performance.

Team Strength

The IP team is led by Ms.Shilpa Garg Shaw and has five members including Patent Agents, Trademark Attorneys and administrative staff. The five member IPR team at Godrej & Boyce drives innovation by managing, protecting, and monetizing intellectual assets. It oversees patents, designs, trademarks, and copyrights, conducts due diligence, handles enforcement and litigation, drafts IP agreements, and creates organization-wide IPR awareness through training, E-learnings, IPinions, Legal Recall articles and other initiatives to safeguard and enhance business value.

Best practices

a. The IPR team at Godrej & Boyce, part of the ISO 9001:2015 certified legal function, ensures excellence in creating, managing, and protecting IP.

b. We have implemented a technology platform named Iolite which is equipped with advanced IP management and has significantly enhanced the efficiency of intellectual property processes, enabling the IPR and business teams to handle end-to-end IP activities. The IPR management system is a central single repository for all IP matters, it facilitates close working with BU, IP legal team and Finance teams, provides auto-alerts for renewals, upcoming deadlines, the tool generates timely and stage -wise updates on all IPR's, provides reliable MIS reports and uploading and tracking of IP expenses incurred for any IP.

c. The team's internal initiatives are comprehensive and far-reaching, encompassing in-house patent and design filings, due-diligence and trademark clearance searches, rationalization of international trademark registrations, in-house cease and desist notices, and tackling online infringements through take-down actions.

Gujarat University

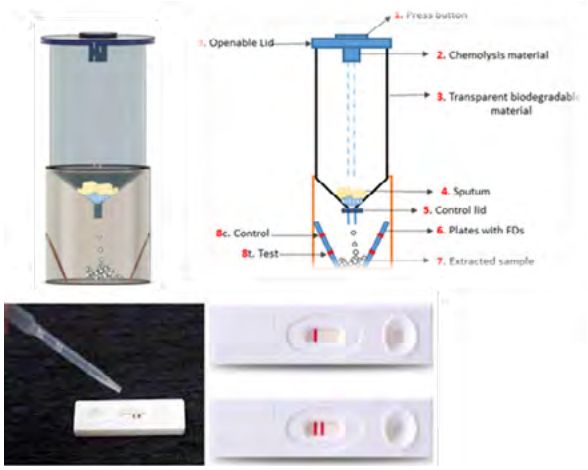
HD4U Diagnostic and Therapeutics Research Pvt. Ltd

About the Company

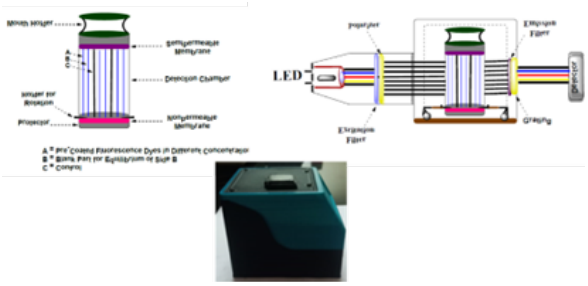
I, Prof. Hitesh D. Patel working as a professor at the Department of Chemistry, Gujarat University, Ahmedabad. Had a project from the BIG, BIRAC on the development of a Diagnostic kit for TB. As per the project requirement and DSIR guidelines for Academic Entrepreneurs, we have registered the company HD4U Diagnostic and Therapeutics Pvt. Ltd. I am the founder director of this. Our focus is on developing diagnostic reagents and kits as well as therapeutic agents for communicable diseases. We are at the initial phase, so at present collaboratively working for tech transfer with Premier Medical Corporation.

About the Products

STRIP-BASED DIAGNOSTIC KIT FOR TB



REAGENT-BASED DIAGNOSTIC KIT FOR TB



We are developing two products, one is a strip-based diagnostic kit for TB, which gives positive and negative results from the liquefied sputum samples. The second advanced version of it will give a reagent-based diagnostic kit for TB, giving positive and negative results as well as the LOD with the level of infection. Our future work is on the MDR and XDR TB diagnosis.

These products are point-of-care diagnostic kits, and no highly sophisticated labs or highly qualified technicians are required. This is cost cost-effective kit and at any place it can be used.

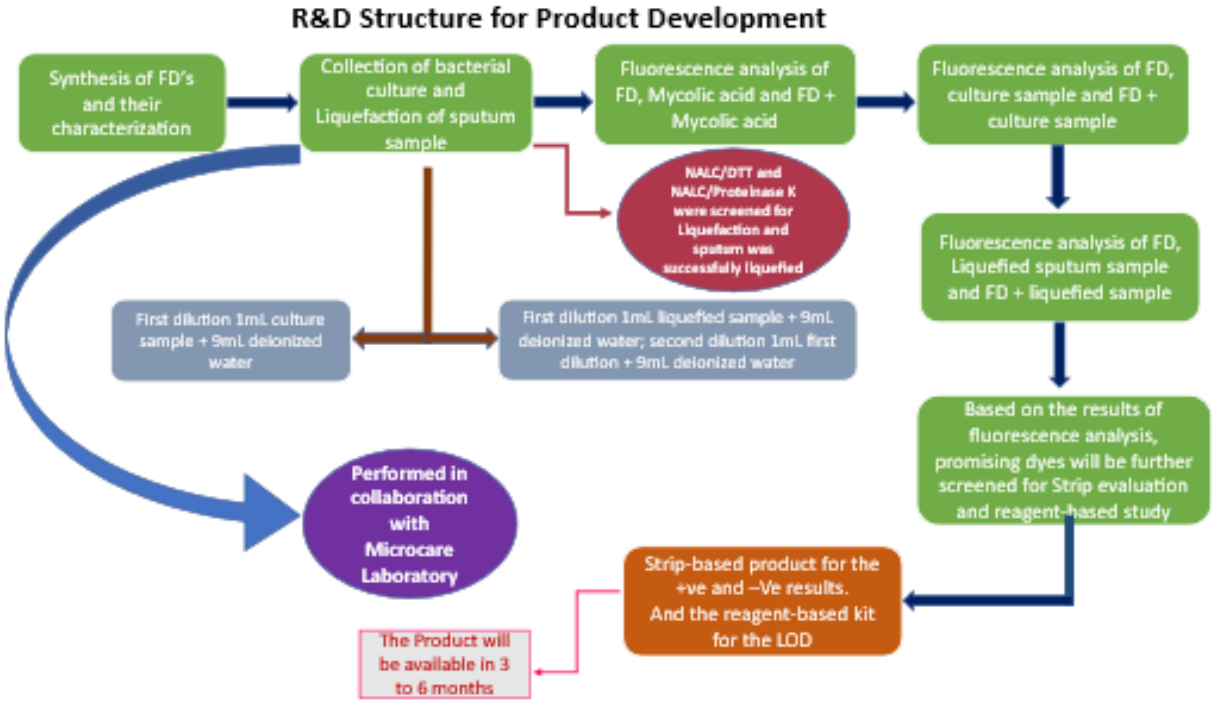
About Intellectual Property (IP) Policy

These granted patents are related to a diagnostic kit for TB: Patent Numbers are 316324, 418924, 465566, 533576, 340423 (Granted by the Indian Patent Office)

We are working with the industry for the Technology Transfer with Premier Medical Corporation

The Above patent's work will be deployed as a product in three to six months.

R&D structure



Team Strength

Principal Investigator

Prof. Hitesh Patel
Chemist – 25 years Exp.
Professor, Department of Chemistry

Ms. Ruchi Nair
PM Fellow
R&D Chemist O2h – 8 Years Exp.

Technology Transfer & Manufacturing Partner

Premier Medical Corporation Private Limited

Dr. Raj & Dr. Hitesh
Director & Device Development

Incubator

gusec

TBI by DST, GOI
&
KIIT-TBI

Kit Testing Laboratory Validation

GUJARAT'S 1st RNTCP Approved TB LABORATORY
Microcare Laboratory & Tuberculosis Research Centre

Dr. Dhanji Rajani &
Mr. Kalpesh Thakar
Microbiologist – 15 Years Exp.

Government centre fe KIT Validation

Director, STDC
Civil Hospital Ahmedabadl

Bussiness Mentor

VIBAZONE

Dr. Muthu Singaram

Best practices

We will follow the GLP and GMP. The FDs are synthesised by our lab via Green Chemistry methods. After using the kit, it will be safely destroyed without harming any living things or the environment.

Indian Institute of Technology Madras

About the Company

The Indian Institute of Technology Madras, established in 1959 by the Government of India, is a premier institute of higher technical education and is well known for basic and applied research, innovation, entrepreneurship and industrial consultancy. It has been consistently ranked as the number 1 engineering institution in India right from the inception of NIRF, Govt. of India (since 2015) i.e. for ten consecutive years. It also secured #1 rank in the innovation category in 2025, among other awards.

The Institute has 18 Academic Departments, a School of Interdisciplinary studies and several advanced research centres in various disciplines of engineering and sciences. IIT Madras at present has more than 650 faculty members and 13,800 students. IIT Madras has produced over 63,200 graduates so far and has filed about 3100 Patent applications.

The Office of Industrial Consultancy and Sponsored Research (IC & SR) facilitate the institute's research activities, intellectual property protection and its commercialization, and industry interface. The Institute has a Research Park, a facility to encourage start-ups and nurture Industry-Academia collaboration.

About the Products

IIT Madras has filed ~1572 Intellectual Property/Innovation/Patents Applications both in India and abroad during the last 5 Financial years, 2020-21 to 2024-25.

About Intellectual Property (IP) Policy

Intellectual Property Policy of IIT Madras provides full freedom to the inventors to innovate new ideas, develop prototypes, commercialise R&D products/developed technology, start-up and entrepreneurship activity. As per the institute policy, 72% of the revenue generated through commercialisation of the invention is given back to the inventors to encourage more IP generation and its commercialisation.

R&D structure

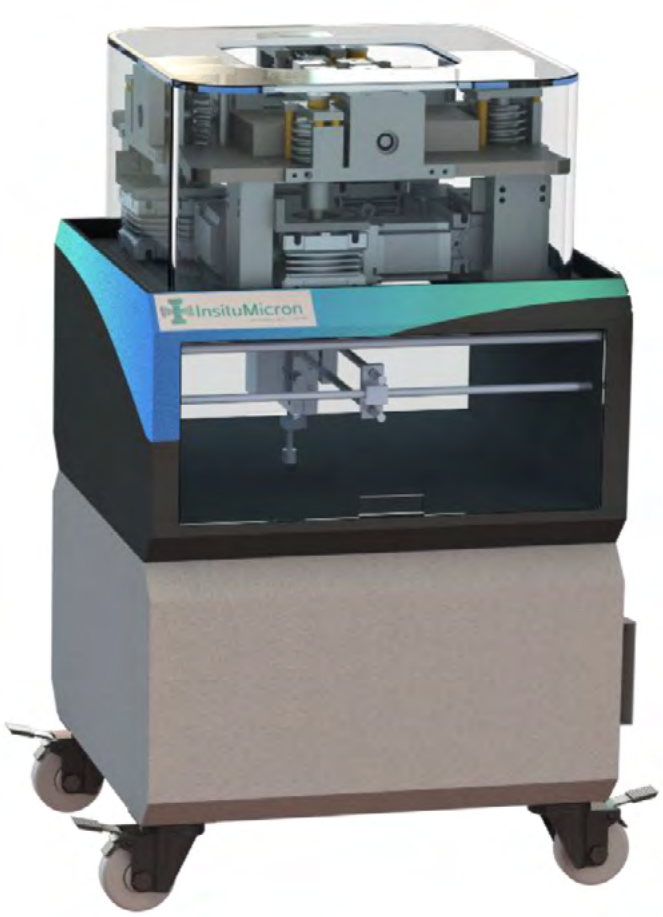
The Dean (Industrial Consultancy & Sponsored Research) heads the Office of Industrial Consultancy and Sponsored Research which takes care of all activities related to funded projects, IP generation, protection & its commercialisation, industry interactions and other related R&D activities of the institute. IC&SR has six administrative verticals namely Administration, Technical, Finance & Accounts, IP Management & Technology Transfer, IT Support and Legal to take care of all activities related to R&D administration and IP management. Principal Investigator is responsible for executing projects as per funding agency requirement.

Team Strength

Intellectual Property Management Cell, IC&SR at IIT Madras takes care of IP applications filings, its protection & renewals and IP licensing. At present the team has nearly 35 members.

Best practices

- New ideas are generated through ideation process and prioritised based on their merit and relevance to the given problem.
- Conducts workshops, patent search training programmes, department visits periodically to promote patent filings awareness and process among students and researchers.
- All the inventors, including students are given full rights to their inventions.
- Institute takes care of IP filing and maintenance cost of Indian patent applications for all inventors up to 7 years. Also takes care of part of the international patent applications filings costs.
- Inventor has right to decide the IP commercialisation terms and conditions.
- All the foreign patent applications are reviewed and recommended by Patent Sub Committee chaired by Dean (IC&SR)



Indian Institute of Technology Roorkee

About the Institute

The Indian Institute of Technology Roorkee (IIT Roorkee) is among the foremost institutes of national importance, dedicated to excellence in higher technological education, humanities and social sciences, engineering, and research in both basic and applied sciences. With 24 departments and 21 specialized centres, the Institute offers a wide spectrum of academic, research, and innovation opportunities.

Specialized centres such as the Centre for Space Science and Technology, Mehta Family School of Data Science and Artificial Intelligence, Centre for Sustainable Energy, Centre for Indian Knowledge Systems, DRDO Industry-Academia Centre of Excellence, Centre for Drone Research, International Centre of Excellence for Dams, National Centre for Honey Authentication and Food Safety, Integrated Centre for Adaptation, Disaster Risk-Resilience and Sustainability, Centre of Excellence for Petrochemicals, and Centre for Semiconductor Design and Technology exemplify IIT Roorkee's strong commitment to cutting-edge research and interdisciplinary collaboration.

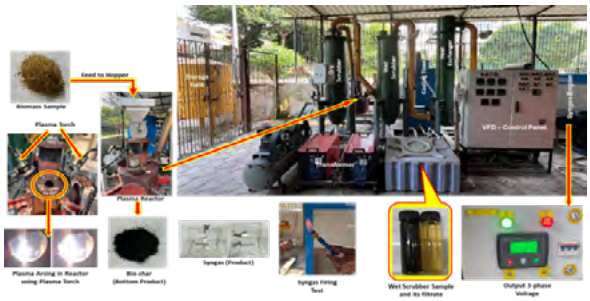
About the Products

1. A continuous plasma reactor system for thermochemical conversion of municipal solid waste and biomass with slag and ash removal.

   This technology uses a continuous plasma reactor to turn household waste and plant materials into useful energy in an eco-friendly way. Inside the system, a plasma arc — an extremely hot electrical flame (over 3000°C) — breaks down all kinds of waste into simple gases. The waste is fed into the reactor continuously, where it is gasified to produce a mixture of hydrogen and carbon monoxide, known as syngas. This gas can then be used to generate electricity or make fuels and chemicals. The reactor also has a built-in system to remove ash and melted residues while it runs, so it doesn't need to stop often for cleaning. The leftover solid materials melt into a glass-like substance that is safe to dispose of or can even be reused in construction. In short, this plasma reactor offers a clean and efficient way to handle waste, turning garbage into valuable energy while greatly reducing pollution and leftover waste.

2. A method for recovery of rare earth oxides from fluorescent lamp phosphor using microwave acid baking

   The present invention provides an easy and efficient method to recover valuable rare earth oxides from old fluorescent lamp powder using microwave heating. In this process, the powder from used lamps is first treated with hydrochloric acid to remove the red phosphor materials that contain yttrium and europium. The remaining material is then mixed with concentrated sulfuric acid to make a thick paste, which is heated in a microwave reactor. This heating step converts the rare earths into a form that dissolves easily in water. The heated product is then washed with water to extract the rare earth elements, and finally, oxalic acid is added to this solution to separate the rare earths in the form of oxalate crystals.

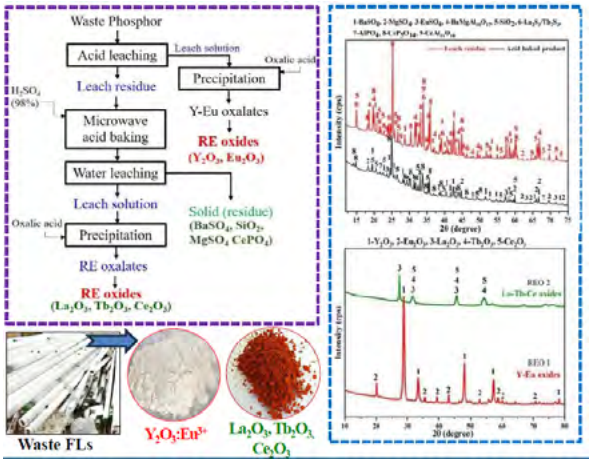


About Intellectual Property (IP) Policy

The IIT Roorkee IPR Policy aims to foster a research-driven environment, promote intellectual property creation, and facilitate its transfer to the public while ensuring compliance with relevant laws. It encourages and provide a conducive environment leading to development of intellectual property innovation, supports funding for research, and maximizes the benefits of IP for creators, the Institute, and society.

R&D structure

The Office of Sponsored Research and Industrial Consultancy (SRIC) at IIT Roorkee functions under the leadership of the Dean (Sponsored Research and Industrial Consultancy) and is supported by two Associate Deans—one overseeing Corporate



Interaction and the other Innovation and Incubation. The office serves as the central body for facilitating and managing all activities related to sponsored and consultancy projects, intellectual property (IP) creation, protection, and commercialization, industry partnerships, innovation promotion, and other research and development initiatives of the Institute.

Team Strength

The Intellectual Property Rights (IPR) Cell at IIT Roorkee, functioning under the Office of Sponsored Research and Industrial Consultancy (SRIC), manages all activities related to intellectual property filing, protection, renewal, and commercialization. It facilitates patent and IP application processes, coordinates with inventors and legal authorities, and promotes technology transfer and licensing to translate research outcomes into practical applications. With a dedicated team of 17 professionals, the IPR Cell plays a pivotal role in strengthening IIT Roorkee's innovation ecosystem by safeguarding intellectual assets and fostering industry–academia collaboration for impactful research and entrepreneurial growth.

Best practices

- **Idea Generation**:

  New ideas are generated through a structured ideation process and prioritized based on their novelty, merit, and relevance to the identified problem or societal need.
- **Awareness and Capacity Building**:

  The IPR Cell regularly conducts workshops, patent search training programs, and departmental visits to enhance awareness about patent filing procedures among students, researchers, and faculty members.
- **Financial Support for IP Protection**:

  The Institute bears the full cost of filing and maintaining Indian patent applications for up to seven years and provides partial financial support for international patent filings.
- **Commercialization Rights**:

  The inventor retains the right to decide the terms and conditions of IP commercialization, ensuring flexibility and fair benefit-sharing.

International Institute of Information Technology Bangalore

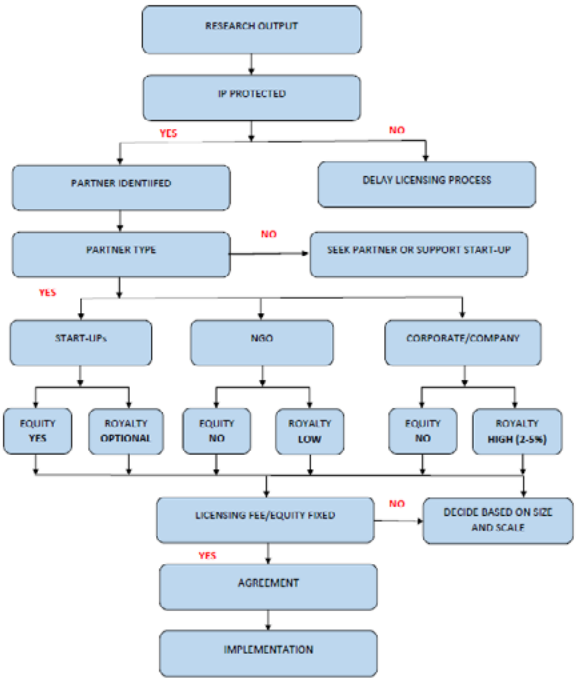
About the Company

The International Institute of Information Technology Bangalore, a Deemed University, popularly known as IIIT-B, was established in 18 September 1998 with a vision to contribute to the IT world by focusing on education & research and entrepreneurship & innovation. The Institute is a registered not-for-profit society funded jointly by the Government of Karnataka and the IT industry.

Since its inception, IIIT-B, with its unique model of education, research and industry interaction, has grown in stature to become an institution of considerable repute in academic as well as corporate circles. The Institute works in partnership with the corporate sector, while retaining the freedom of an academic institution. It is inspired by other renowned institutions and also strives to emulate an academic culture that is on par with the best international institutions.

About Intellectual Property (IP) Policy

The institute promotes creation, protection, and responsible use of intellectual property arising from research. All IP developed using institute resources is owned jointly with the creators. The institute ensures fair revenue sharing, encourages technology transfer, protects confidential information, and supports innovation for societal benefit while complying with legal and ethical standards.



HIGH IMPACT PROJECTS

1. MOSIP & Open G2P

- Enables secure, interoperable, and scalable digital identity and governance infrastructures for countries worldwide.
- Supports targeted, transparent, and efficient delivery of welfare benefits through open digital public goods.
- Strengthens inclusion by ensuring every individual can access services with trust, privacy, and minimal friction.
- IIIT-B's DPI's products are in 42 countries across the world and even in numerous states of India. These products have touched 1.3 billion people across the globe.

2. TELE-MANAS

- India's largest digital mental health

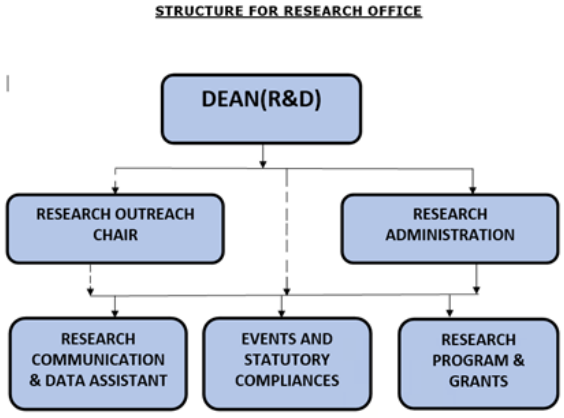
network offering 24/7 tele-counselling and psychological support.

- Bridges specialist shortages by connecting citizens with trained mental health professionals nationwide.
- Reduces stigma and delays in care through accessible, multilingual, and technology-enabled interventions.
- Tele MANAS — offers 24/7, toll-free tele-mental-health support across India, providing free counselling, consultations and referrals to trained professionals to make mental health care accessible everywhere -handles more than 2 Lakhs calls per day and has so far touched 25 Lakh people of our country.

3. Karnataka Data Lake / CTRI-DG

- Integrates cross-departmental datasets to drive real-time, evidence-based governance decisions.
- Leverages AI/analytics for early warning, service optimization, and predictive policy planning.
- Demonstrates a scalable model of secure, data-driven public administration for other states.

R&D structure



Team Strength

R&D Team:

- Prof Srinath Srinivasa, Dean(R&D)
- Prof Jaya Sreevalsan Nair, Chair (Research Outreach Committee)
- Cdr J Venkada Prasad, Executive officer, Office of Research

The R&D team comprises the Dean (R&D), who provides strategic leadership; the Research Administration Officer, who manages proposals, compliance, and documentation; and the Research Outreach Committee, which fosters collaborations, promotes institute Research, and drives innovation engagement. Together, they enable efficient research management, visibility, and impactful outcomes

Best practices

The institute fosters a strong research and innovation ecosystem through structured, impactful practices.

- The Samvaad Lecture Series enables faculty and students to learn from distinguished professors, encouraging academic dialogue and knowledge expansion.
- A dedicated Seed Grant Scheme supports young faculty members in initiating high-quality Research, enabling them to build preliminary results and pursue external funding.
- Comprehensive Faculty Support for Conferences and Publications motivates scholars to present their work globally and publish in reputed journals, strengthening the institute's academic presence.
- The Institute Ethics Committee ensures that all research follows ethical guidelines, promoting integrity, transparency, and responsible conduct.
- The annual Research, Innovation, Society and Entrepreneurship (RISE)event provides a platform to showcase emerging ideas, interdisciplinary projects, and industry partnerships.
- A Vibrant Innovation Centre further nurtures creativity, offering mentors, facilities, and incubation support. Together, these practices cultivate excellence, collaboration, and societal impact across the institute's research landscape.

Jio Platforms Ltd

About the Company

Jio Platforms Ltd. (JPL) is an Indian multinational technology company and a subsidiary of Reliance Industries Limited, headquartered in Mumbai, India. Jio Platforms' 5G solutions enable operators to evolve to new 5G capabilities. Its end-to-end 5G portfolio spans radio, core, automation, OSS/BSS, and AI/ML platforms along with network services. The 5G stack is also uniquely positioned to implement innovative 5G use cases for enterprises and private networks, with deployment options at the edge as well in the public/private cloud. In addition, JPL is engaged in active research at its in-house Jio Labs facility to make 6G a reality.

R&D structure

Jio Labs organization covers a wide range of technology domains, which come together to create the end products and platforms. Each domain has specialists, and domain leads who have a proven track record of delivery in their specific area. These specialists work closely with systems engineering SMEs to create the high-level design, solution architecture and finally the low-level design which is then programmed. These SME teams also cater to adjunct areas like 5G/6G integration with OSS,BSS, Automation and AI/ML Platforms, Open Market 5G/6G Devices, deep-technologies like 5G, 5G Advanced, 6G Core, AI in 6G RAN, AI in 5G Advanced, Jio Brain ML, GenAI as a Service, Antennas, Hardware designs, Quantum computing and Security, AI Algorithms for energy saving and AI driven container orchestration. They also ensures backwards compatibility with 4G and customizations to adjust for non-standard devices behaviour is also catered.

Team Strength

Jio Platforms Limited's Intellectual Property team is well-resourced in India's technology industry, underscoring the company's commitment to innovation and leadership in the telecom sector through a robust and strategic patent portfolio.

Senior leadership in the IP domain guides strategy, quality, and business alignment, including high-profile roles such as Senior Vice President and IP Managers within the company. The team handles patent prosecution, portfolio management, innovation pipeline development, and strategic patent filings both in India and internationally. The team also handles standard related activities.

Best practices

The IP team ensures that no IP rights are lost and that all in-house developed technologies are well protected by systematically identifying, securing, and enforcing intellectual property throughout the technology lifecycle. This proactive approach combines legal, technical, and operational measures to minimize risks and maximize both ownership and commercial value of the company's innovations.

For other information: Please extract from https://www.jio.com/platforms/about-us/

Kirloskar Pneumatics Company Ltd

About the Company

Kirloskar Pneumatic Company Limited (KPCL), a flagship Kirloskar Group company, is a leading engineering enterprise delivering advanced air, refrigeration, and gas compression solutions across diverse sectors. With 67 years of legacy, KPCL excels in designing and manufacturing bespoke compressor packages, including centrifugal, reciprocating, screw, semi-hermetic, CNG and process gas systems. A customer-centric approach and strong technological foundation supported by 200+ engineers, world-class R&D, and three integrated manufacturing facilities enable KPCL to deliver high-quality, made-to-order solutions for industries such as food, pharma, dairy, chemicals, oil & gas, power, marine, and general engineering. KPCL maintains a zero-debt position, robust financial performance, and continues to scale through innovation, IP creation (40+ filings annually), digital manufacturing, sustainability initiatives, and strategic acquisitions.

About the Products

Khione Refrigeration Ammonia Screw Compressor

The Khione series is India's first 100% indigenously developed refrigeration screw compressor, a quiet milestone that reflects years of focused engineering and a passion for local innovation. Designed to serve critical sectors like dairy, beverages, pharmaceuticals, chemicals, and HVAC, Khione is built to perform reliably across a wide range of process refrigeration applications.

Energy-efficient and durable, the series is

engineered for long-term, low-maintenance operation in demanding environments. Its broad refrigerant compatibility and adaptable design make it well-suited to diverse operational needs. With integrated advanced controls, Khione ensures precise, intuitive operation and smooth system integration.

Factory-assembled for faster installation and consistent performance, Khione represents our ongoing effort to blend world-class engineering with the strengths of

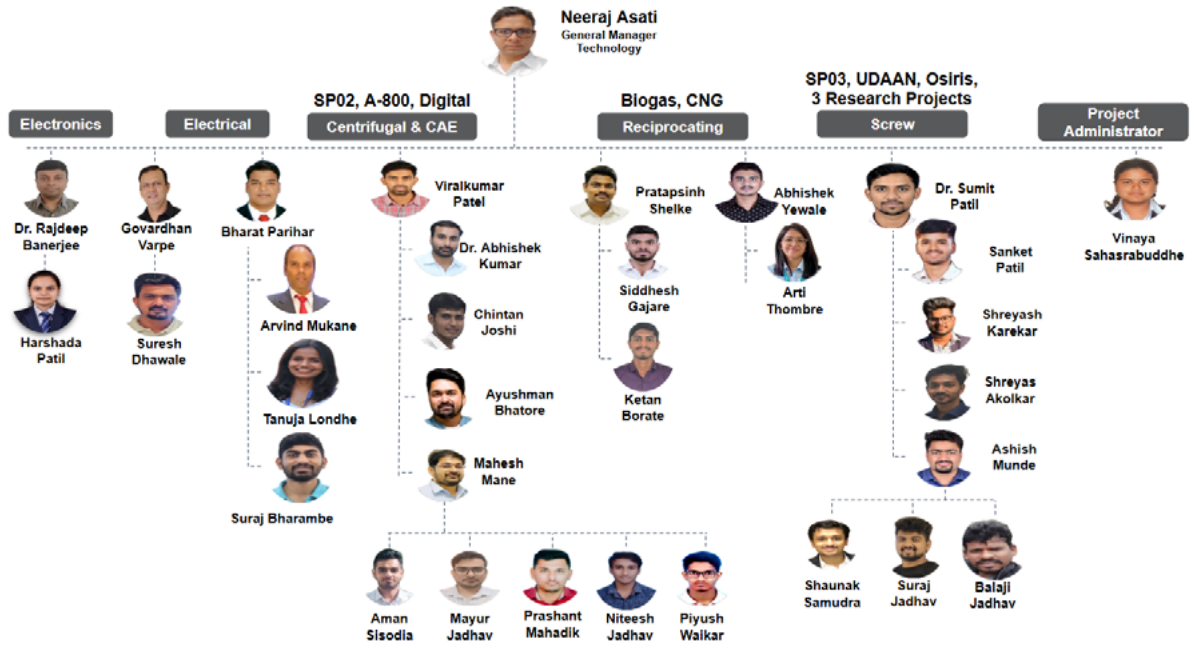
Indian manufacturing. For us, Khione is our contribution to building thoughtful, future-ready refrigeration solutions that cater to varied industries.

The Tezcatlipoca centrifugal air compressor is KPCL's flagship oil-free, high-efficiency air compression system engineered for demanding industrial environments. Designed with a capacity range of 1200 to 8100 CFM and a pressure range of 2.5 to 10.4 kg/cm²(g), it delivers reliable, continuous, and contamination-free air essential for critical operations.

About Intellectual Property (IP) Policy

KPCL's IP Policy ensures all intellectual property is protected, registered and used responsibly. Teams must disclose new IP, follow licensor guidelines, safeguard confidential information through NDAs, and report any misuse. The Secretarial and Legal Departments oversee filings, compliance, infringement actions and periodic policy updates.

R&D structure



Team Strength

KPCL is powered by 853 permanent employees, including 200+ skilled engineers, a strong leadership team, women-led operations in key facilities, and a future-ready workforce strengthened through structured learning, leadership development, and digital HR systems.

Best practices

KPCL follows strong engineering, manufacturing and governance best practices. Key practices include end-to-end in-house manufacturing, digital integration through the Lighthouse platform, machine data monitoring, lean operations, and 24×7 quality assurance processes. Sustainability is embedded through renewable energy use, waste reduction, recycling, and water management. Innovation is driven by structured R&D, annual IP filings, and advanced product development. Employee excellence is supported through leadership programmes, safety systems (ISO 45001:2018), women-led shop-floor initiatives, and AI-enabled HR processes.

Mahindra & Mahindra Ltd.

About the Company

Founded in 1945, the Mahindra Group is one of the largest and most admired multinational federation of companies with 320,000 employees in over 100 countries. It enjoys a leadership position in farm equipment, utility vehicles, information technology and financial services in India and is the world's largest tractor company by volume. It has a strong presence in renewable energy, agriculture, logistics, hospitality, and real estate.

The Mahindra Group has a clear focus on leading ESG globally, enabling rural prosperity and enhancing urban living, with a goal to drive positive change in the lives of communities and stakeholders to enable them to Rise.

The Innovation

Mahindra has redefined electric mobility with the launch of its flagship Electric Origin SUVs - the BE 6 and XEV 9e. Built on the all-new INGLO electric architecture and powered by MAIA (Mahindra Artificial Intelligence Architecture), these vehicles represent a leap in design, performance, and intelligence.

Fig. 1 – Mahindra electric origin SUV BE 6

The BE 6 is engineered for dynamic performance and adventure, while the XEV 9e offers refined luxury and comfort. INGLO's flat-floor skateboard platform, among the lightest in the industry, integrates high-density battery technology to maximize cabin space, improve seating flexibility, and enhance driving agility. Its modular and scalable design supports multiple models without compromising quality or performance.

INGLO features a compact 3-in-1 powertrain (motor, inverter, transmission) delivering 170-210 kW for rear-wheel drives. Advanced suspension systems, semi-active dampers, brake-by-wire technology, and high-power steering with Variable Gear Ratio (VGR) ensure superior handling and a tight turning circle of 10 meters. Intelligent drive modes allow seamless adaptation to varying driving conditions.

Fig.2 – Mahindra electric origin SUV XEV 9e

MAIA enhances the driving experience with Snapdragon 8295 chip, 24 GB RAM, 128 GB storage, Wi-Fi 6.0, Bluetooth 5.2, and 5G connectivity. It supports ADAS Level 2+ with Mobileye EyeQ6, real-time updates, and over 60 apps for entertainment, productivity, and navigation.

Features include

- XEV 9e: Cinemascope display with three 31.24 cm screens, Infinity Roof, and Dolby Atmos-enabled Harman Kardon sound system.
- BE 6: Race-ready digital cockpit and AR Heads-Up Display.
- Both models offer ambient lighting, climate presets, driver fatigue monitoring, 360° camera, auto-park with 12 ultrasonic sensors, and remote parking.

Both SUVs achieved a 5-star Bharat NCAP safety rating with the highest ever score, setting new benchmarks in EV safety. Mahindra has filed 143 patents and 58 design applications for these innovations, reinforcing its commitment to cutting-edge technology and sustainable mobility.

The Approach

Intellectual Property (IP) Policy

- At M&M, IP policy is built on 3 pillars – Being vigilant and IP aware; Create, Protect and Enforce our IP; Respecting others' IP. Policies are based on the following principles of ethics, transparency, and accountability:
- To recognize and respect the rights of the people who may be owners of traditional knowledge, and other forms of intellectual property.
- To respect the interests of, and be responsive towards its stakeholders, especially those who are disadvantaged, vulnerable and marginalized.

Team Strength

- The Intellectual Property & Knowledge Management is a 20+ strong team supporting both Auto and Farm Sectors of M&M.

Best Practices

- IP check point at every stage gate of product life cycle through appropriate IPR protection & risk mitigation strategies.
- Improving Innovation through Knowledge Management Index,
- Mahindra Inventors Academy – Inventors come forward, share their experiences, best practices, and guide budding engineers become inventors.
- Strong Rewards & Recognition program
- Extensive Partnership with Academia

The Future

Customer Focus - Our Innovation purpose is to drive positive change in the lives of communities, stakeholders and enable them to Rise.

Innovation & Growth Focus - We strive to build an Innovation and growth mindset within the organization by practicing collaboration, agility and boldness.

Future Focus – Our Born Electric Vehicles is going to be a game changer in Global Auto Industry. We are democratizing technology for farmers with small land holdings through our lightweight tractors, smart implements & precision farming.

Mahle Anand Filter Systems Pvt. Ltd.

About the Company

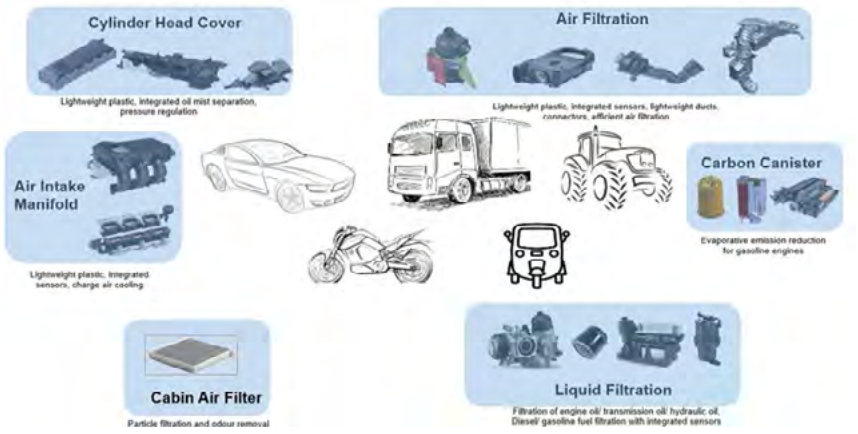
- MAHLE ANAND Filter Systems Private Limited brings some of the country's most trusted brands of automotive filters, Purolator and MAHLE, to the automotive industry. Since our inception in 1966, we have supplied filtration products and solutions to almost every automotive OEM in India.
- Our belief in the power of partnership has been the hallmark of our relationships with the stakeholders. MAHLE ANAND Filter Systems came about as a result of ANAND's joint venture partnership with MAHLE Filter Systeme GmbH of Germany in 2005.
- Over the last five decades, MAHLE has built brands that have lent a significant boost to the company's reputation. Purolator and MAHLE have are well-recognised names in the country's automotive components sector.

Value Systems

- Our foundation remains firmly rooted in our following core values
  1. Safety First
  2. Integrity
  3. Intrapreneurship
  4. Excellence Orientation
  5. Courtesy and self Control
- Innovation remains center to our Growth Strategy, we are committed to building a world class R&D ecosystem equipped with state of are validation facilities and Industry best talents. Our goal is not just to meet the current needs but to anticipate deliver on evolving expectation of future needs

Ever since our inception, we have stayed at the forefront of innovation and R&D and played a pivotal role in reducing the impact of noxious emissions on the environment. With our robust design, development and delivery capabilities, we often partner OEMs for their new models. Apart from filing for 18 patents, we have received several prestigious awards such as the Golden Peacock award in the 'Innovation' category.

About the Products



Matter Motor Works Ltd.

About the Company

MATTER was born from a vision of steering India toward a sustainable future. MATTER is a trailblazing technology startup with a bold vision: to lead India into a sustainable future. Established in January 2019 in Ahmedabad, MATTER has embraced an "Innovate in India" philosophy, focusing on advanced electric vehicle platforms and energy storage systems. At the heart of MATTER's achievements lies the AERA, India's first geared electric motorbike, showcasing a dedication to groundbreaking innovation.

Backed by a team of over 400 forward-thinking innovators, MATTER's in-house technology stack is redefining cleaner mobility. This commitment has earned the company prestigious accolades, including the Clarivate South Asia Innovation Award in the Automotive category and the title of "Innovation Startup of the Year" at the Outlook Business Spotlight Awards. With an impressive portfolio of over 400+ patent filings and 85+ granted patents, MATTER's expertise spans key areas such as powertrain cooling, battery management, gearbox technology, charging infrastructure, digital ecosystem in EV space and manufacturing automation.

About the Products

The MATTER AERA stands as a testament to engineering excellence, integrating a proprietary 5 kWh liquid-cooled battery and powertrain that deliver unmatched performance and durability. Its innovative 5-amp onboard charging system offers seamless convenience, making it the perfect partner for both city commuting and long-distance adventures.

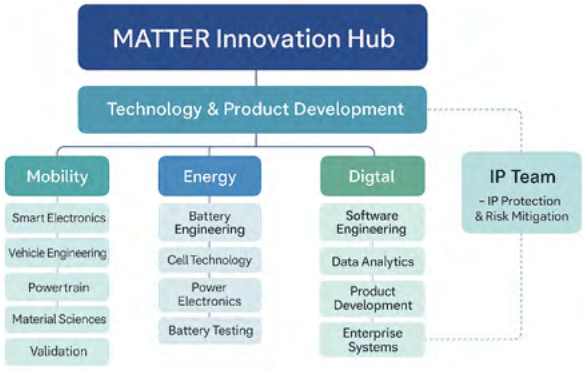
Redefining connectivity, the AERA features a 7-inch touchscreen with internet-enabled capabilities like navigation, music, and calls, elevating the rider's experience to a new level. With deliveries commencing this festive season, the AERA signals a transformative era in electric mobility for India. Recognized as the "Star Electric Bike of the Year" at the Entrepreneur's India EV Show Awards, "Editors' Choice Electric Motorcycle of the Year" at the TopGear Awards 2025, "Jury Choice EV Bike Of The Year" at the TOTM & Akco Drive Awards 2025, the AERA5000 exemplifies cutting-edge design and high performance.

About Intellectual Property (IP) Policy

Matter's IP Policy ensures that any idea solving a problem must be evaluated for patentability and FTO check to ensure appropriate protection for exclusive rights, and to minimize any future risk. Also, the policy is aligned with our R&D Goals that encourage development and fostering Innovation from top to bottom.

R&D structure

MATTER believes in vertical integration. It represents a holistic approach towards crafting technological marvels. From conceptualization to design, development, and final assembly, MATTER ensures that every facet of their groundbreaking technology is meticulously optimized to deliver performance, safety, security, and reliability. 600+ minds at MATTER make this dream a reality.



Best practices

For a technology-driven startup, intellectual property (IP) is a critical asset. Proper management of IP not only protects innovations but also provides strategic advantages. Few of the IP practices followed by team MATTER are as follows;

- Encouraging a Culture of IP Awareness
- Using Non-Disclosure Agreements (NDAs)
- Documenting All Innovations
- Filing patents at ideation stage
- Establishing Clear Ownership Agreements
- Collaborating with IP Professionals
- Conducting IP Audits Regularly
- Recognising the Inventors

Molecules Biolabs Private Limited

About the Company

Molecules BioLabs is a Kerala-based innovator in the nutraceutical / advanced drug-delivery space, combining science, clinical studies and sustainable manufacturing. Founded in 2021 and headquartered in Thrissur, the company is led by Dr. Sreeraj Gopi and a team of young scientists expert in chemistry, molecular biology & food science.

Molecules BioLabs focuses on formulating bioactive compounds using cutting-edge delivery platforms such as liposomal and dry liposomal systems, self-emulsifying drug delivery systems (SEDDS), micellar formulations, etc., to enhance stability, absorption, and targeted delivery. Our product range encompasses powders, granules, gummies, effervescent tablets, capsules and liquids — all designed with superior bioavailability and backed by clinically validated science. We also received the star exporter award for exporting our patented liposomal ingredients across 45 + countries.

We also invest in strong regulatory & research credentials: Our Global Innovation Centre in Koratty has earned DSIR recognition, strengthening our commitment to global health & nutrition.

Committed to sustainability, transparency, and innovation, we aim to nurture partnerships across pharmaceutical, nutraceutical, functional foods & beverages sectors, delivering high-quality, nature-sourced, scientifically validated wellness solutions.

About the Products

Our nutraceutical range of products are mainly developed using our cutting edge technologies like Metazome, OMICS, SELGM and Insitu360 technology. Our Flagship products include BerbiQ and Testolift.

BerbiQ is a full spectrum berberine based formulation tailored using our cutting-edge OMICS technology. BerbiQ is clinically proved for its enhanced bioavailability with a low recommended serving dosage. Our clinical study has proved that BerbiQ is approximately 4-fold higher bioavailable compared to conventional berberine. The characterization and clinical study is published in American Chemical Society.

About Intellectual Property (IP) Policy

Molecules BioLabs protects and manages intellectual property to foster innovation: we promptly identify, document, and pursue patenting, copyrights, and trademarks; maintain confidentiality with robust NDAs; ensure clear ownership through contracts with employees and partners; and enforce rights responsibly while supporting ethical licensing and knowledge-sharing for collaboration.

Team Strength

Molecules BioLabs is powered by a multidisciplinary team of over 40 professionals, including PhD scientists, formulation experts, regulatory specialists,

and technologists. The team combines deep expertise in chemistry, biotechnology, and nutraceutical innovation, driving the company's research excellence, product development, and global collaborations with a shared passion for science and wellness.

Best practices

Molecules BioLabs follows global best practices emphasizing scientific integrity, GMP-compliant manufacturing, ethical sourcing, and data-driven R&D. We ensures stringent quality control, sustainability, and transparency across operations, while fostering continuous learning, innovation, and collaboration to deliver safe, effective, and clinically validated nutraceutical and wellness solutions worldwide.

Myelin Foundry Private Limited

About the Company

Myelin Foundry is a deep-tech pioneer building agentic AI for real-time, for edge-first deployment.

We make powerful AI run effortlessly on low-cost, low-compute environment. By processing on the device itself, we ensure lightning-fast decisions, high security and reliable performance. Whether it's enhancing in-car experiences or transforming media and environments, our AI unlocks new possibilities, all on the device itself.

About the Products

XAIRA

XAIRA is Myelin Foundry's agentic, edge-native in-cabin AI built to deliver a smarter, more human driving experience. It understands the occupant, the vehicle, and the environment, processing real-time multimodal signals from cameras, microphones, and vehicle sensors to hold natural, context-aware conversations.

XAIRA identifies who is speaking, adapts tone and language, and anticipates needs using intent analysis, driver-state understanding, and environmental cues. It manages navigation, media, climate, safety alerts, and vehicle functions through an intelligent engagement layer that blends voice, vision, and behavioral insight.

Engineered on Myelin's low-latency edge AI stack, XAIRA ensures privacy, reliability, and ultra-fast response without cloud dependency. It transforms the cockpit into a personalised, proactive co-driver, enhancing comfort, awareness, and safety across every journey.

InspectAI

InspectAI is Myelin Foundry's edge-first AI system designed to detect defects in high-speed industrial environments. Running entirely on local edge hardware, it processes video streams in real time to identify surface defects, assembly errors, and quality deviations with near-zero latency.

Built for automotive, electronics, metals, packaging, and precision manufacturing, InspectAI handles challenging conditions such as variable lighting, glossy surfaces, and complex geometries. Its self-learning models adapt to new defect patterns without halting production.

By eliminating manual inspection bottlenecks, improving consistency, and reducing false rejects, InspectAI enables manufacturers to enhance throughput, reduce waste, and achieve higher operational reliability. With scalable deployment across assembly lines and QA stations, it delivers production-ready accuracy where it matters most, on the shop floor.

About Intellectual Property (IP) Policy

Myelin follows a structured patent-creation process guided by our IDR framework, which requires clarity on novelty, non-obviousness, computational complexity, and competitive advantage. Each idea undergoes rigorous technical review and iterative refinement with

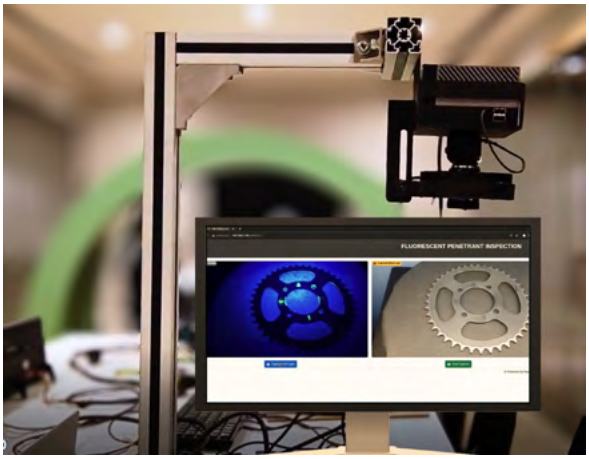
reviewers. We ensure every filing is original, defensible, and aligned with long-term product strategy.

Team Strength

Myelin's cross-functional team combines PhDs, seasoned AI engineers, edge-system experts, and industry specialists. Backed by multiple patents and real-world deployments in automotive, M&E, and Smart Factory Intelligence, we bring strong research depth and fast iteration and execution to solve complex problems reliably and at scale.

Best practices

Myelin practices a lean, high-velocity development methodology driven by diversity, innovation, and creativity. Through rapid prototyping, tight feedback loops, and continuous optimisation for edge hardware, we ensure robust execution. We emphasise reproducible experiments, strong documentation, device-level testing, deterministic latency, and QA automation. Agile sprints, CI/CD, version-controlled experimentation, and automated regression tests maintain engineering rigour, while cross-functional reviews, customer co-design, and ethical AI checks ensure every deployment is safe, scalable, and production-ready.



Numeros Motors Pvt. Ltd.

About the Company

Founded in 2019 by Mr. Shreyas Shibulal, Numeros Motors is a new-age Original Equipment Manufacturer (OEM), headquartered in Bangalore that designs and manufactures indigenous, multipurpose electric two wheelers catering to diverse customer needs. The company has successfully completed India's largest pilot test, covering over 13.9 million kilometers—a first for any Indian OEM. Building on this milestone, the Diplos and n-First are launched, offering multiple variants across the two platforms. Numeros Motors has filed over 300 intellectual property (IP) applications across mobility and utility platforms, with more than 200 granted. Situated on a 16-acre industrial unit, the OEM has setup a state-of-the-art 20,000 sq. ft. facility in Narasapura, in the suburbs of Bangalore with an annual production capacity exceeding 70,000 units. The company houses 250+ employees who have experience in the automotive industry and are equipped with full design and development capabilities, including a styling studio and a validation lab for various form factors. It has forged partnerships with multiple distributors and established an expanding network of sub-dealers across tier-1 and tier-2 cities.

About the Products

At Numeros Motors, we conceptualize, design, engineer and build EVs from the ground up. We believe in a laser-like focus on vehicle application and use-case environment – not just short-term market trends. We test prototypes in real world conditions to maximize user safety & comfort – and to optimize product functionality & durability. Building on these principles, the Diplos and n-First platforms are launched.

- **Diplos** - Diplos isn't just a ride, it's the partner you can count on. Loyal in every journey, strong through every challenge, and ready to keep you moving without compromise. Comprising of dual battery pack, designed with advanced liquid immersion cooling technology for higher efficiency and longer life, it is built for the city and beyond, offering a smooth and powerful riding experience.

- **n-First** - n-First isn't just another scooter — it's a new way to move. Built for those who don't follow the crowd, it blends confidence with comfort and technology with personality. From design to performance, every element invites you to ride differently, live freely, and move with a new energy. With its sleek lines, vibrant colors, and confident stance, n - First blends form and function beautifully. It's built to look good, feel light, and ride effortlessly — all while keeping safety at the center of every journey. Stability of a bike, Utility of a scooter - With bigger 16-inch wheels for smooth balance and

a design that fits your everyday needs, n - First gives you the best of both worlds. It is stable, practical, and confident — everything you need for your everyday ride.

- **IP Policy** - At Numeros Motors, we are on a mission to continually reimagine the electric mobility space. We do not follow conventions but create our own path. Our products & our patents reflect our drive for continuous improvement. Numeros Motors has filed over 300 intellectual property (IP) applications across mobility and utility platforms, with more than 200 granted. These groundbreaking advancements serve as a testament to our unwavering commitment to revolutionizing mobility for everyone, ensuring greater accessibility, efficiency, and sustainability in transportation. The company also holds a strong portfolio of patents, designs and trade marks reinforcing its reputation as an innovation-driven brand.

- **Team Strength** - A vibrant mix of more than 250 passionate engineers, purchasers & quality professionals from automotive and non-automotive backgrounds strive to do more and be excellent through continued efforts, will, and desire to learn along the way in addition to delivering quality products and services of unmatched value, constantly raising the bar of our performance. Encourage and inspire each other to develop, modify and implement their ideas to improve efficiency, effectiveness, or competitive advantage. Strive to set direction and help oneself and others to do the right thing to move forward. Actions mirror the words — walk the talk.

Best practices

Numeros Motors fosters the values of Innovation, Sustainability, Customer Centricity, Accountability, Lead by Example, Excellence.

Innovation - Introduce and promote the application of new and practical ideas, products, processes, and procedures. Encourage and inspire others to develop, modify and implement their ideas to improve efficiency, effectiveness, or competitive advantage.

Sustainability - Demonstrate empathy towards the environment, consciously seek to minimize the negative impacts of one's activities on the environment, and constantly strive to meet the needs of customers without compromising on the ability of future generations to meet their own needs.

Customer Centricity - Anticipate and meet the needs of customers and appropriately respond to them. Demonstrate a personal commitment to identify customers' apparent and underlying needs and continually seek to provide the highest quality service and products to all customers.

Accountability - Accept responsibility for our actions and decisions and demonstrate a commitment to accomplish work in an ethical, efficient, and cost-effective manner. It is about not giving excuses or blaming others but admitting one's mistakes. It is holding oneself and others accountable for their actions.

Lead by Example - Set direction and help oneself and others to do the right thing to move forward. Actions mirror the words — walk the talk. Lead by example also means doing the right thing when nobody's watching. Inspire others by your behavior and be a role model.

Excellence - Strive to do more and be excellent through our continued efforts, will, and desire to learn along the way in addition to delivering quality products and services of unmatched value, constantly raising the bar of our performance.

Omniactive Health Technologies Ltd.

About the Company

OmniActive Health Technologies offers a wide range of scientifically validated, natural nutraceutical ingredients. OmniActive's extensive product portfolio consists of scientifically validated, IP-protected, branded ingredients for global customers in dietary supplement, functional food and beverage markets.

About the Products

Lutemax 2020 Lutein and Zeaxanthin

Award-winning and globally recognized, Lutemax 2020 is a patented extract containing all three nutritionally relevant macular carotenoids—lutein, RR-zeaxanthin, and RS (meso)-zeaxanthin— in the same 5:1 ratio as found in the diet. Naturally derived from marigold flowers, Lutemax 2020's unique combination of carotenoids is backed by multiple clinical studies, delivering in-demand health benefits for today's consumers.

Nutritears

Nutritears provides comprehensive nutritional support for occasional dry eyes through a patent-pending combination of ingredients delivered through our proprietary Integrated Actives process.

About Intellectual Property (IP) Policy

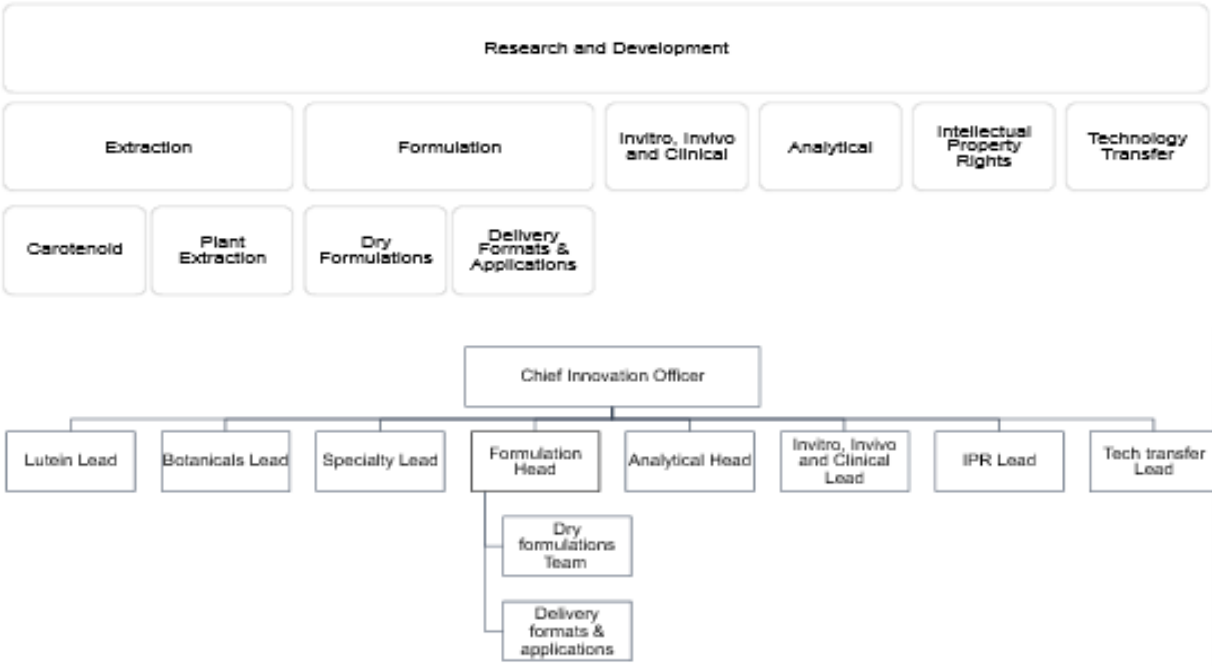
The intellectual property rights, also referred to as IPRs (or Technological Know-How), are competitive tools for Omniactive, creating value for its shareholders and providing the basis for the future growth of the Group.

Within this Policy, IPR means: all industrial and intellectual property rights, under any applicable law from time to time in force including, without limitation, patents and design protection,(including the applications submitted for their granting), know-how and trade secrets (including, without limitation, all the technical product and process information, including data, formulas, design software, documentation, specifications, manufacturing techniques, management data, plant layout, quality standards, and any combination thereof), and, regardless of the market sector, the OmniActive trademarks and whatever may be subject to copyright or similar rights protection; which are owned by or available to the Parent Company or the companies it directly or indirectly controls (including the Parent Company when exercising management and coordination activities). IPRs developed by any Group Company are, by virtue of intercompany agreements, owned by the Parent Company, and may be used directly or under licence by Group Companies to manufacture, sell, and promote products and services.

In general, IPRs are characterised by being property rights in the thing ("in rem"), absolute, and enforceable against any third party; and exclusive rights, which may not be used by others unless a licence has been granted.

Omniactive builds, protects, safeguards and enforces the IPRs relating, among other things to its investments in research and development, sports activities, communication and marketing. All those working for and on behalf of Omniactive have to take care to protect and respect the intellectual property rights of Omniactive and third parties.

R&D structure



Team Strength

OmniActive Health Technologies has an employee strength of approximately 521 to 700 individuals, as reported in recent sources. The company operates with a “highly professional management team” and “global teams” across different continents.

Best practices

Omniactive Health Technologies’ best practices focus on sustainability through resource conservation and renewable energy, operational integrity via a whistleblower policy and waste management, and product innovation through scientific validation of their nutraceutical ingredients. The company emphasizes environmental sustainability by reducing water usage, transitioning to renewable energy sources, and upcycling waste materials.

Sustainability and environmental responsibility

- **Resource conservation**: Implemented a zero-water discharge policy and actively works to reduce freshwater usage and increase efficiency in manufacturing.
- **Renewable energy**: Aims to improve energy efficiency by transitioning to renewable energy sources and has already converted to energy-efficient lighting and uses solar power at its Hosur plant.
- **Emissions reduction**: Has implemented steps to reduce emissions and aims for Net Zero emissions.
- **Waste management:** Uses strategies like reusing, recycling, and upcycling waste. For example, marigold spent is upcycled for chicken feed, and production drums are reused.

On2Cook India Pvt. Ltd.

About the Company

On2Cook India Pvt. Ltd., founded in 2022 in Ahmedabad, Gujarat, is redefining the future of smart kitchen automation through IP-driven innovation. The company's patented flagship device — the world's fastest cooking system — uniquely combines microwave and induction technologies to cook food up to 70% faster while retaining its natural nutrition, texture, and flavor.

With 14 granted global patents and 20+ filed, On2Cook stands as a testament to India's design, engineering, and manufacturing excellence. Each innovation reflects the company's commitment to sustainability, energy efficiency, and intelligent automation for both commercial and home kitchens.

Born in India and built for the world, On2Cook proudly represents the first invention designed, patented, and developed in India — a true gift from Gujarat to global kitchens. This cooking revolution is transforming not just how we cook, but how we live — one meal, one kitchen, one ecosystem at a time.

About the Products

On2Cook — a Make-in-India breakthrough — is transforming culinary automation through its patented hybrid technology that combines microwave and induction cooking in one intelligent device. Designed to replace multiple kitchen appliances, it enables frying, sautéing, grilling, baking, steaming, and microwaving — all in a single unit. The result: up to 70% faster cooking, 50% lower energy consumption, and superior retention of nutrients, texture, and flavor.

Beyond hardware, On2Cook's companion IoT-enabled app adds intelligence to the kitchen — offering guided recipes, remote operation, cooking analytics, inventory and billing integration, and AI-driven optimization for time and energy. It empowers commercial kitchens, QSRs, cloud kitchens, caterers, and aspiring food entrepreneurs, with a residential version under development for global markets.

Its smart accessories — frying baskets, pans, stirrers, and steaming trays — enhance versatility and performance.

Recognized worldwide for its innovation and impact, On2Cook has won multiple international honors, including the iF Design Award, German Innovation Award, British Invention Show Gold, EPDA, and was named the Most Celebrated Invention at CES 2022, Las Vegas.

As a premium connected cooking brand, On2Cook is bridging the gap between culinary art and intelligent automation, redefining speed, efficiency, and sustainability in global kitchens.

About Intellectual Property (IP) Policy

On2Cook follows a robust global IP strategy focused on protecting, commercializing, and expanding its patented hybrid cooking technology. With 14 granted patents across the USA, EU, UK, Russia, and India, and 20+ pending, we safeguard innovation while enabling collaborations that drive sustainable growth, market leadership, and long-term competitive advantage.

Team Strength

On2Cook's 75+ multidisciplinary professionals in R&D, product design, manufacturing, marketing, and culinary innovation drive its global vision. Led by visionary co-founders Sanandan Sudhir and Jyoti Sudhir, the team blends engineering excellence, design thinking, and culinary expertise to pioneer next-generation kitchen automation and establish India as a global hub for smart cooking innovation.

Best practices

On2Cook thrives on innovation-driven R&D processes, integrating customer feedback to refine its products continually. Sustainability is at the core of its operations, with practices aimed at reducing energy consumption and food waste. The company upholds operational excellence through strategic collaborations with industry leaders, setting new benchmarks in smart kitchen automation and enhancing IP Portfolio thereby ensuring competitive differentiation & safeguarding proprietary technology.

The company emphasizes operational excellence and actively collaborates with industry leaders to set benchmarks in smart kitchen automation. Employee engagement programs and continuous learning initiatives foster a culture of innovation and excellence, empowering the team to stay ahead in the rapidly evolving global culinary technology landscape.

Polymedicure Ltd.

About the Company

Polymed is a global leader in the medical device industry, renowned for its extensive range of high-quality medical devices. Since our establishment in 1997, the company has upheld a steadfast commitment to innovation and excellence, envisioning a world where top-tier healthcare is universally accessible. Our expansive global reach, cutting edge technologies and advanced manufacturing capabilities serve as a testament to our leadership in the MedTech industry.

Polymed is the first Indian medical devices company to have manufacturing facilities outside India. With 3 overseas manufacturing plants in Egypt (joint venture), China (wholly owned subsidiary) and Italy, Polymed exports medical devices to 125+ countries, touching millions of lives around the world every day. We are the largest Indian exporter of consumable medical devices for a decade now, as recognized by PLEXCONCIL.

The company currently operates 12 manufacturing facilities across India, China, Egypt, and Italy. In India, there are nine facilities: six in Faridabad (Haryana), two in Jaipur (Rajasthan) including a SEZ unit, and one in Haridwar (Uttarakhand). Internationally, there are facilities in China (through the wholly-owned Poly Medicure Laiyang Company Limited), Egypt (through associate Ultra For Medical Company), and Italy (through step-down subsidiary Plan1 Health s.r.l.), as well as a newly established subsidiary in England and Wales named POLYHEALTH LTD in FY25.

About the Products

We had over 123 categories with 6,745 SKUs of disposable medical devices across 11 product verticals of infusion therapy, oncology, anesthesia and respiratory care, urology, gastroenterology, vascular access, veterinary medical devices, surgery and wound drainage, dialysis and renal care, transfusion system, diagnostics, cardiology, and critical care.

Infusion therapy is our key product vertical.

We are the first Indian company to indigenously manufacture dialyzers in India.

We have also developed a number of safety medical devices across product lines, including safety I.V. cannula and safety scalp vein sets within the infusion therapy vertical, safety blood collection sets within the blood collection vertical, safety fistula needles within the dialysis vertical, and safety Huber needles and safety closed I.V. catheter system in our critical care vertical.

About Intellectual Property (IP) Policy

- Our success depends, in part, on our ability to protect our intellectual property, including our patents, trade secrets and other proprietary information. As part of our growth strategy, we actively file and seek to obtain patents for new products under development.
- In our Portfolio, We have applied for 616 patent applications in India and worldwide including and not limited to United States, United Kingdom, South Africa, Russia, China and Australia, wherein we have successfully been granted with 116 patents in India and 334 patents across the globe.
- Additionally, we have applied for a total of 397 trademark applications in India and worldwide, wherein we have successfully registered 307 trademarks in India and across the globe. Further to this we also have146 registered designs and 16 registered copyrights in India and worldwide.
- We operate one in-house R&D facility at Faridabad (Haryana) ("R&D Center"), which has been approved by the Department of Scientific and Industrial Research, Ministry of Science and Technology, Government of India ("DSIR").
- We have developed a number of safety medical devices across product lines, including safety I.V. cannula and safety scalp vein sets within the infusion therapy vertical, safety blood collection sets within the transfusion system vertical, safety fistula needles within the dialysis and renal care vertical, and safety Huber needles and safety closed I.V. catether system in our critical care vertical.
- We have also received US FDA 510k approvals to market two of our product categories, safety IV cannula and IV Set, in the United States.

Best practices

1. Continue to focus on research and development to enhance innovation
2. Increase market share in domestic and international markets
3. Expansion through strategic initiatives
4. Transition to a solution provider business model
5. Enhance our manufacturing capabilities and expand our product portfolio to leverage industry growth driver

Pramura Software Private Ltd.

About the Company

A pioneer company with 32 years (Established 1994) of experience in providing Engineering Design Services with strong focus on PCB Design and Product Development, it has originated the growth of PCB Design Industry for Semiconductor Applications in India. Being the only company in India to develop a PCB Design Software Product "SmartDesignerPCB" from inception to market, it has achieved a significant step in "Make in India" model. Based in Coimbatore, Tamil Nadu with 130+ employees, Pramura works with Global Customers and is committed to a values based Business working methodology. (www.pramura.com).

About the Products

SmartDesignerPCB is a PCB Design Software product which can be used for complete PCB Design layout. The product has been developed over a period of 15 years by a dedicated Software R&D Team and backed by 30+ years of PCB Design expertise. SmartDesignerPCB is reliable, affordable and easy to use with unique features. As a proud Indian Innovation, it delivers a powerful, reliable and user friendly platform that simplifies complex designs, provides utilities for minimizing errors and is easy to learn and use. It is the ideal choice for both new and experienced designers and an ideal teaching platform for college and educational institutions. The product is available on mac based licensing model option with local technical support and its major modules being all areas in PCB Design layout such as component library, Routing, DRC, Gerber output with intrusive user interface. For further details, refer our product website. (www.smartdesignerpcb.com).

About Intellectual Property (IP) Policy

Pramura ensures that our brand name and Software product developed are protected and certified legally by Intellectual Property Rights Organization to hold the ownership rights to make sure no infringement and illegally used by others.

R&D structure

Pramura R&D Team is having strength of 10+ skilled software developers for developing our in house PCB Design Software "SmartDesignePCB". The R&D team will analyse the user's requirements and develop the software on regular basis. They will perform the testing and then release it to the user.

Team Strength

Company is having 130+ dedicated employees. We have setup dedicated team for every customer to ensure to meet and

satisfy their needs by delivering with quick turnaround time having highly experienced engineers with more than 10+ years of experience in the core areas.

Best practices

- String cut focus on good quality, on time delivery by delivering good products and services.
- Good customer relationship providing strong commitment to meet contract terms.
- 98% quality achievement over 3480 projects in last 3 years.
- Focus on principle based operations with defined mission, vision and value statement.
- Commitment to good Employee – Employer relationship.
- CSR activities for Nature Conservation.

Probus Smart Things Private Limited

About the Company

Probus is an established IoT company, recognized by institutions such as the Indian Smart Grid Forum, ASSOCHAM (ICT), and FORBES for our innovative products in the Power Distribution Segment. We specialize in helping utilities (including BSES, Tata Power, Adani Electricity, Torrent Power, and other state DISCOMs) achieve significant cost savings in the last-mile power distribution segment. Our solutions cover RF/Hybrid communication for smart metering, LT/HT feeder monitoring, and transformer/substation monitoring.

About the Products

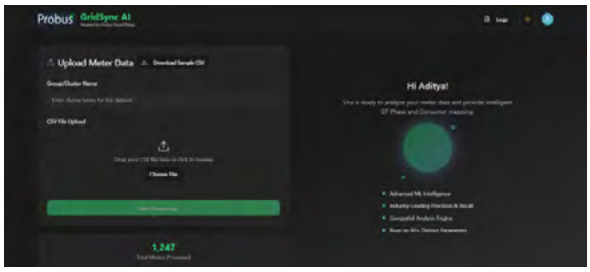
4G Bluetooth is a smart metering communication technology that Probus has innovated and filed multiple patents to solve the communication reliability issues in smart meters

- In the smart meters, the remote relay connect-disconnect is a feature that is utilized by the utilities to increase the billing & revenue collection efficiency. However, the consumer inconvenience is caused when the bill is paid, and the power restoration does not happen at the consumer's premise. This may happen as communication between MDM and meter is not established due to unavailability of HES, cloud server integration issue, or cellular/RF/NB- NIC communication issue.
- To resolve the communication downlink/uplink failure scenario, a dual communication NIC (Cellular + Bluetooth) was introduced to utilize the redundant communication in case primary communication is not available. The mobile device is utilized as a gateway to establish redundant communication channels between the smart meter and MDM, and meter relay reconnection can be facilitated via this gateway.

Consumer Indexing

In smart meters, the key issues faced by system integrators and a key use case required by utility is to provide the DT and consumer mapping to carry out energy audit at DT level. Probus has developed AI model using smart meter data to provide DT phase mapping with consumer.

Just by utilizing the smart meter data of different profiles of DT and consumer meters and carrying out analysis using Neural networks, the mapping is provided to build different use cases – unbalancing, energy audit, asset planning, and so on.



About Intellectual Property (IP) Policy

All inventions, software, hardware designs, documentation, trademarks, patents created by employees belong to the company and any employee working on development of the IP is categorized as inventor. This IP Policy ensures:

- Protection of proprietary inventions
- Encouragement of internal R&D
- Responsible use of open-source and partner technologies

The aim is to safeguard Probus's leadership in smart grid digitization, DT analytics, smart metering communications, AI-based analytics

R&D structure

Team Strength

70

Best practices

- Maintain Internal Invention Log Book
- Mandatory signing of all NIC, RF, BLE, Gateway, and meter-module firmware
- Obfuscate sensitive commands such as:
  - DLMS key handling
  - Calibration routines
  - Communication handshakes
- Use Private Repositories
  - GitHub Enterprise, GitLab EE, or Bitbucket private repos.
- Encryption
  - AES 128/256
- Access Control
  - Role based
- File Patents Early
- Use Provisional Patents
  - Gives 12 months to refine invention before final filing.
- Incentivize Inventors
- NDA with every external interaction
- Define IP boundaries clearly in case of Joint Developments

PSNA College of Engineering & Technology

About the Company

- PSNA College of Engineering and Technology 'PSNACET' established in 1984, is an AICTE approved Autonomous Institution affiliated with Anna University.
- PSNACET offers 12 UG, and 8 PG Courses in Engineering &Technology, MBA and MCA.
- PSNACET is
    - Awarded with A++ (3.67/4.0) by NAAC
    - Accredited by NBA to all eligible UG Programs
    - Ranked under 201-300 Band in NIRF 2025 (Engineering)
    - An Institutional Level Research enter of Anna University (All the departments are eligible to undertake scholars for PhD Programmes)
- PSNACET has been granted 8 Patents and published 75 patents
- PSNACET is in association with CII, iTNT Hub, IPR NIPAM Mission, IE(I), MSME, AICTE IIC, etc.
- PSNACET has received grants from various Govt. Bodies like BIS, AICTE, DRDO, Meity (Visveswaraya PhD Scheme) , TNSCST, TNPCB, and so on.
- PSNACET has established a Research and Development Cell as per UGC norms (More details about RDC : https://www.psnacet.edu.in/)

About the Products

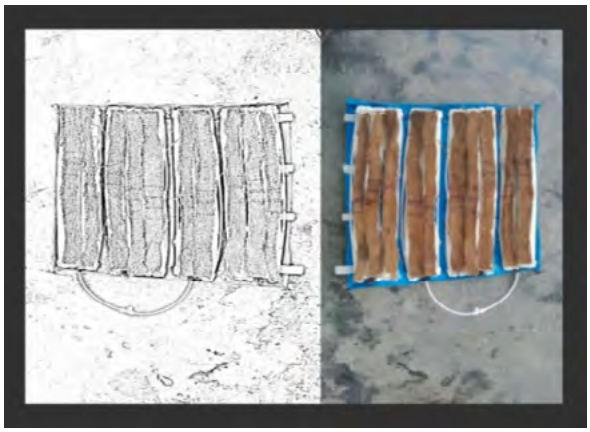
PSNACET has framed a policy for ownership and commercialization of all Intellectual Property (IP) produced by Employees, Students and Visitors of the Institution, and delineates the procedures for the disclosure protection, management and commercialization. The Institution adopts the stance that innovation should be made available for the society.

1. Grain Spreader (Design Grant number: 408948-001; Date of Grant: 29/08/2025; Inventors: Dr. G. MAGUDEESWARAN,

NARENDHIRAN.S S . SHREEHARAN. P. NARESH KUMAR. M. SENTHIL KUMAR S.B)

Description: A grain spreader which is a hand driven machine which can do the function of jostling grains which helps the farmers in reducing the time spent to dry the grains as well as simplify the work of the farmers.

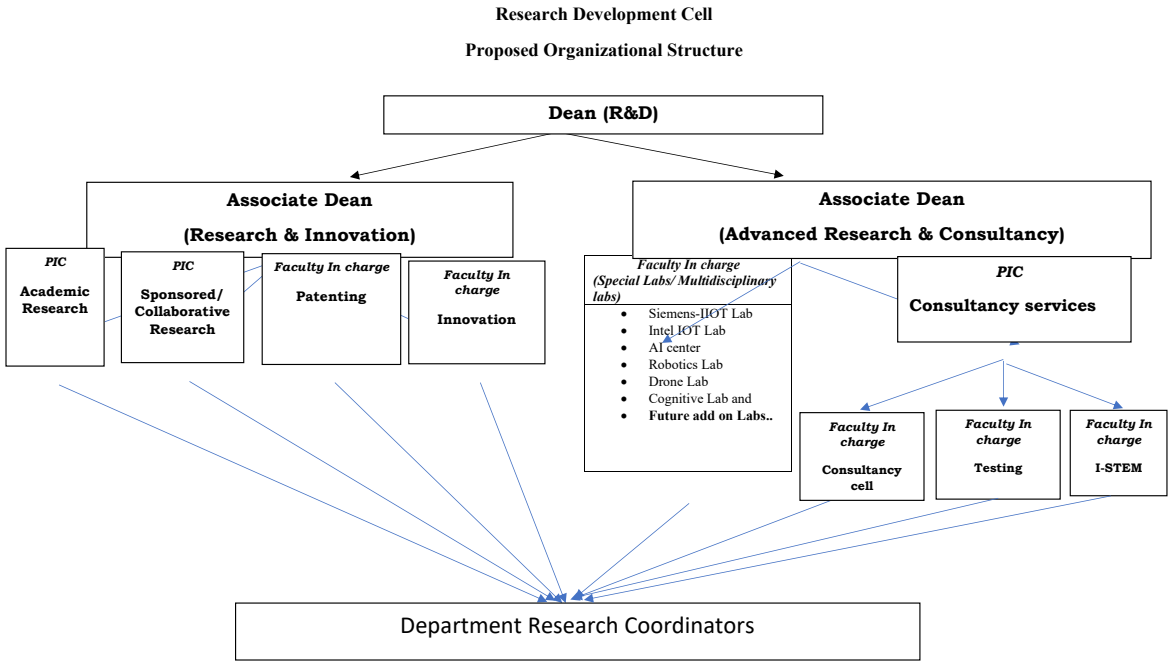
2. Automated Smart Curing Belt with Temperature and Moisture Sensor For Precision Curing of Column And Beams (Patent number: 202441088134; Date of Publishing: 22/11/2024; Inventors:



S.SWATHINI SARAVANAN C HARI HARAN N LALITHA SREE AK VASANTH KUMAR K

Description: The proposed smart curing belt optimizes the curing process for concrete columns and beams by integrating advanced temperature and moisture sensors directly into the belt and helps to improve the strength and durability of concrete structures while streamlining the overall construction process, ultimately leading to cost savings, reduced labor demands, and higher-quality outcomes.

R&D structure



Team Strength

The Institution Does all IP activities which includes, Patent filing, design patent filing, Copyright and Trademarks Filing, FER drafting, Hearing and all prosecution, all services related to IP are done "IN- HOUSE" and is equipped with Govt.Certified Trainier for NIPAM (National IP Awareness Mission) to conduct all IPR activities and programs to spread IP awareness.

Best practices

- Every patent, prior to filing, a review is conducted by the peer Patent Review Committee to explore the Novelty, Inventive Step and Industrial Applicability to enhance the chances of Grant of patents.
- PSNACET has a Govt. Certified Trainer for NIPAM, appointed by the Indian Patent office, who provides Internal/In house services to all IPR activities including patent filing, drafting, FER reply, hearing responses and complete prosecution by IPR cell of the PSNACET.
- Management extends all kinds of support (Financial, Resources and Expertise) for Patent filing
- Research incentives is provided for faculty and students to enhance research activities in the campus.

Sahajanand Medical Technologies Ltd.

About the Company

SMT (Sahajanand Medical Technologies) is a medical devices company with a portfolio of technologically advanced medical devices across vascular and structural heart intervention. SMT offers an extensive portfolio of products focusing on vascular intervention and was the first company in the world to receive CE certification for a DES with a biodegradable polymer. SMT has a global presence with its footprints in more than 75 countries, as on March 31, 2025. For further updates, please visit the website or follow SMT on LinkedIn.

About the Products

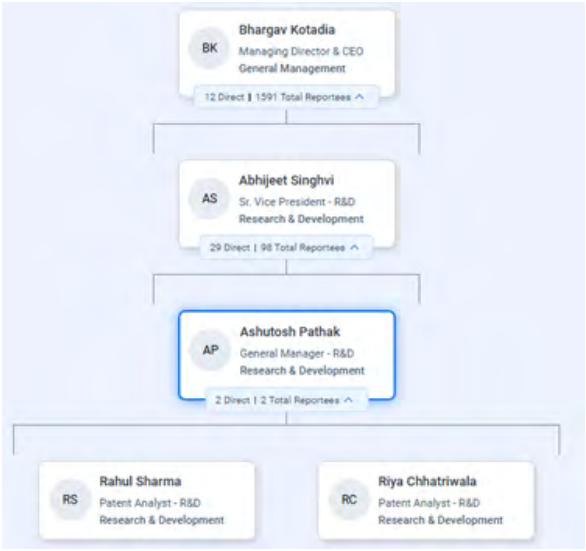
Hydra TAVI: Hydra is re-sheathable, re-positionable and retrievable self-expanding transcatheter aortic valve ensuring patient safety and ease of use for the cardiologist during deployment. It has advanced features like markers on the frame for accurate guidance while deploying the frame. Hydra has a supra-annular design which helps in larger aortic valve area and better hemodynamic performance post procedure. Hydra has optimal radial strength in the outflow portion which in turn helps in flexibility and ease of delivery of the frame reducing the chance of trauma to the aortic root and sealing skirt mitigates paravalvular leak. Non-flared inflow part of stent frame reduces interference with the conduction system. Large open cells facilitate easy future coronary access.

Supraflex Cruz: Supraflex Cruz DES belongs to the Supraflex family of stents, which, through a series of clinical trials including the TALENT trial, have been proven to be clinically safe and effective as compared to other DES in clinical practice.

About Intellectual Property (IP) Policy

The main objectives of Sahajanand Medical Technologies Limited's IP policy is to promote: 1. creation of business aligned, high-quality, enforceable, and multi-generational/multi-variant protecting intellectual property by SMT teams and collaborators, 2. filing of registration application for different types of IPRs in different jurisdictions in economic and effective manner, 3. maintaining the IP portfolio to keep it relevant to organizational objectives, 4. leveraging the portfolio in commercial activities, and 5. enforcing the active IPRs, if needed.

R&D structure



Team Strength

SMT IP (Patents) team strength is three people strong. The IP team is headed by Mr. Ashutosh Pathak under the guidance of Mr. Abhijeet Singhvi (Head, R&D) and visionary leadership of Mr. Bhargav Kotadia (CEO).

Ashutosh, a Chemical Engineer and Registered IN patent agent, has 18+ years of experience in IP domain and worked on multiple technologies in various tech stream e.g. Speciality Chemicals, Petrochemicals and Medical devices. Ms. Riya Chhatriwala is a Biomedical Engineer with 6+ years of experience and Mr. Rahul Sharma is a Mechanical engineer with 6+ years of experience in IP domain.

Best practices

At SMT, we believe in being diligent in every action. We take any action after ensuring quality and business alignment. Also, we've created a network of IP experts and service provides that helps us in creating and maintaining our portfolio efficiently and economically.

Sami-Sabinsa Group

About the Company

Sami-Sabinsa Group Limited, formerly known as Sami Labs Limited, is a research-oriented multi-national company in the field of natural products and nutraceuticals. Founded in 1988 by the late Dr. Muhammed Majeed, an internationally acclaimed scientist and entrepreneur in alternative medicine, Sami-Sabinsa is a pioneer in the natural products industry, manufacturing a wide range of phytoextracts, finished formulations, probiotics, nutritional supplements, enzymes, cosmetics and cosmeceuticals, fine ingredients and chemicals, beverages, and minerals. Backed by science and driven by the motto, "Our Innovation is your Answer®," the company continues to innovate new products, nutritional supplements, and formulations in accordance with global standards to cater to the growing needs of the industry. The group has received numerous awards and accolades, both national and international, as a recognition for its tireless contribution, one being the prestigious National Award for R&D efforts in Industry in the category of "Chemical and Allied Industries", by the Department of Scientific & Industrial Research (DSIR), Government of India, New Delhi. Furthermore, Sami-Sabinsa's manufacturing facilities have received a number of research and export awards from the Government of India, additionally with NSF GMP Registration, ISO FSSC 22000 Accreditation and they have been inspected by USA FDA and other government bodies. The Group has a sizeable patent portfolio comprising over 500 granted patents and 203 pending patent applications worldwide.

About the Products

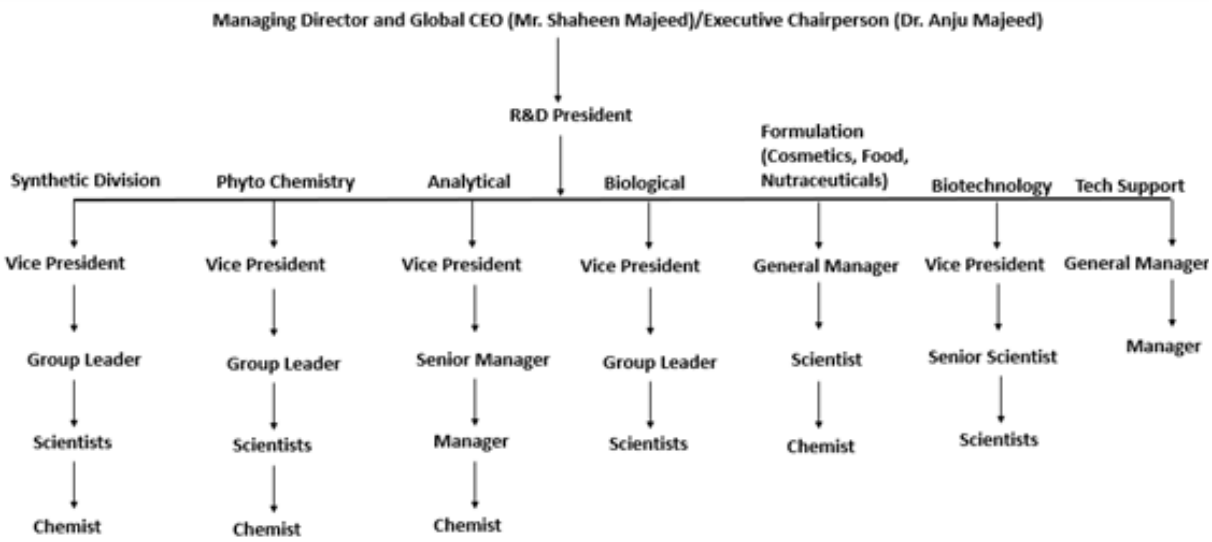
Sabroxy® is a patented extract of Oroxylum indicum bark extract, bio-standardized to a unique set of compounds, oroxylin-A, baicalein and chrysin. Sabroxy helps to support healthy cognitive function, improves memory, concentration, focus and recall in healthy people.

As pioneers in bringing curcuminoids to the market, Sami-Sabinsa's continuous research efforts to identify bioavailable curcuminoids yielded multiple versions, including Curcumin C3 Reduct®, approved by European Food Safety Authority (EFSA) as a Novel Food. Curcumin C3 Reduct® contains more bioavailable tetrahydrocurcuminoids (THCs), which are the reductive metabolites of curcumin.

About Intellectual Property (IP) Policy

The Intellectual Property (IP) Policy provides a clear roadmap towards developing, managing, and protecting IP of the Company. In addition to supporting the innovation ecosystem, the IP policy is inclusive, incentivises the inventors, and facilitates industry-academia collaboration.

R&D structure



Team Strength

True to its commitment, "Our Innovation is Your Answer®," Sami-Sabinsa creates science-backed nutritional ingredients and formulations that meet global standards. With a strategic manufacturing hub in India and marketing offices worldwide, the company's efficient supply chain ensures seamless delivery. Patented branded ingredients are clinically validated to meet customer's growing needs.

Best practices

- We strive to achieve zero waste
- We installed and use Zero Liquid Discharge (ZLD) in our production plants to have zero effluents downstream
- Installed scrubber in the process plants to remove toxic gases
- Continue to recover and reuse solvents inside our production plants
- Sewage and canteen wastewater treatment effected in ETP
- Sami-Sabinsa Group manufactures its products as per global standards at its eight state-of-the-art manufacturing facilities located in Bengaluru, Hyderabad, and Utah (USA). Our Bengaluru and Hyderabad facilities are FSSC 22000, FSSAI and USP GMP certified, and our US facility is NSF GMP certified

Soupherb Nutrition Private Limited

About the Company

SoupHerb is a social enterprise rooted in the founders' personal healing journey with an exclusive liquid diet. This experience inspired a deeper exploration into Ayurveda and the creation of the world's first Ayurvedic soup brand. SoupHerb crafts fresh, preservative-free soups infused with authentic herbs to help individuals restore balance, improve daily nutrition, and build long-term wellbeing. SoupHerb is actually beginning to come "full circle" by holding true to the age old Greek saying "Let Food be thy Medicine and Medicine be thy Food", but with an Ayurvedic twist. At SoupHerb we are emphatic that life may be lengthened by human effort and that health and disease are not predetermined, we go by the belief that the right food can cure the disease, protect the health, and prolong the life.

About the Products

SoupHerb offers 13 varieties of Ayurvedic soups, developed through 13 unique decoctions crafted by Ayurvedic experts, ensuring category-wise benefits. These formulations collectively use 65+ medicinal herbs, carefully designed to meet the needs of distinct consumer groups: 2 soups for kids, 2 for men, 3 for women, 3 for the elderly, and 3 dosha-specific soups—Vata, Pitta, and Kapha.

Our formulations are rooted in classical Ayurvedic principles and enhanced through modern food science for improved bioavailability.

Each soup is made fresh, free from preservatives, additives, or artificial flavours, ensuring maximum nutrient retention and therapeutic value.

All soups are prepared through standardized clean processes to ensure consistency, safety, and high sensory quality. As a bridge between ancient Ayurvedic wisdom and modern nutritional science, SoupHerb makes authentic, holistic wellness convenient, delicious, and accessible for all.

About Intellectual Property (IP) Policy

SoupHerb actively protects its innovations through trademarks and patent filings. All formulations, processes, and brand assets are developed in-house and safeguarded to ensure originality, quality, and competitive advantage. The company follows strict confidentiality practices and collaborates only under formal agreements.

R&D structure

Concept → Ingredient Research → Ayurvedic Review → Prototype Development → Sensory Evaluation → Nutritional & Functional Testing → Stability & Shelf-Life Study → Clinical/ Consumer Study → Final Formulation → IP Filing → Production

Team Strength

SoupHerb is powered by a multidisciplinary team of food technologists, Ayurvedic doctors, researchers, nutrition experts, and

community partners. The team combines traditional knowledge with modern science to deliver authentic, effective, and high-quality Ayurvedic nutrition solutions.

Best practices

SoupHerb follows a rigorous product development system rooted in Ayurveda, scientific validation, and clean-label principles. All soups are crafted fresh using high-quality ingredients sourced from sustainable farms, including our own medicinal plantations in the Yamuna Valley. Standardized processes ensure safety, consistency, and sensory excellence. The company prioritizes ethical sourcing, IP protection, transparent communication, and continuous innovation to maintain the highest product integrity.

SRM Institute of Science and Technology

About the Company

SRM Institute of Science and Technology (SRMIST) is one of India's premier universities, renowned for its excellence in education, research, and innovation. Offering a wide range of undergraduate, postgraduate, and doctoral programs, SRMIST spans six faculties: Engineering & Technology, Management, Medicine & Health Sciences, Science & Humanities, Law, and Agricultural Sciences. The institution is committed to fostering a dynamic academic environment that supports intellectual growth and technological advancement.

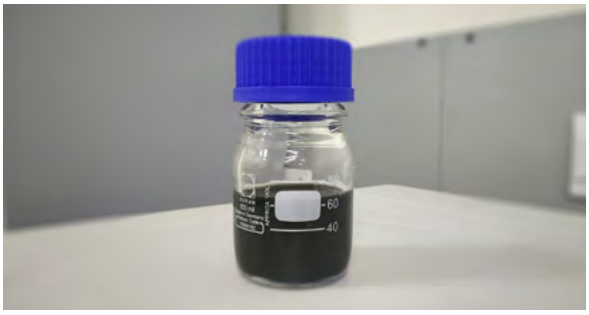
With state-of-the-art infrastructure, experienced faculty, and robust industry collaborations, SRMIST prepares students to excel in their fields and address real-world challenges. The university is also a hub for cutting-edge research, encouraging scholars to develop innovative solutions that benefit society. Its global outlook, combined with a strong emphasis on interdisciplinary learning, has made SRMIST a preferred destination for students and researchers aspiring for holistic development and academic success.

About the Products

1. Product Name: Graphene Ink

This invention presents a novel technique for liquid-phase exfoliation using surfactants to produce graphene nanosheets. The process employs a natural surfactant dissolved in water. Graphite flakes are combined with de-ionized water containing dissolved sustainable graphite powder. The mixture undergoes probe scissoring and delamination through a top-down solid approach. After exfoliation, the highly concentrated graphene is separated and further processed for applications such as conductive inks and nanofillers.

Natural surfactant stabilized aqueous graphene dispersion



2. Product Name: Biosurfactant

Biosurfactants offer significant advantages over synthetic alternatives due to their biodegradability, low toxicity, selectivity, and effectiveness across diverse environmental conditions. These biosurfactants can be derived from various food waste sources, providing a sustainable production method. Their applications span multiple industries:

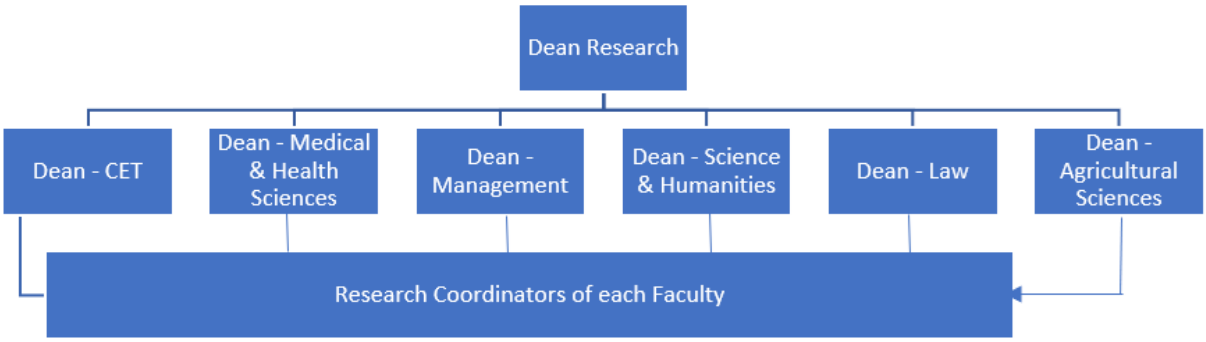
- **Food Industry**: Used in condiments (mayonnaise), baked goods (bread, muffins, cookies, dough), and dairy products (cheese, yogurt, fermented milk).
- **Beverage Industry**: Enhancing the quality and stability of drinks.
- **Animal Feed**: Applied in poultry feed.
- **Seafood and Meat Processing**: Utilized in products like tuna and other seafood, as well as meat-based and instant food products.

Biosurfactants are reshaping these sectors with their sustainable and efficient properties.

About Intellectual Property (IP) Policy

SRMIST's Intellectual Property (IP) policy fosters innovation by safeguarding and managing the intellectual assets of its faculty, students, and researchers. It ensures equitable ownership, licensing, and commercialization of IP while promoting collaboration with industries. Additionally, SRMIST organizes its flagship event, IRIS, serving as a platform for industries to connect with expert researchers and discover solutions to their challenges through cutting-edge research.

R&D structure



Team Strength

SRMIST's Research Assistant Professors – 69

Research Associate Professors – 28

Research Professors – 07

Total Faculty Members – 4486

Team of Directorate of Entrepreneurship & Innovation - 17

Best practices

SRMIST exemplifies best practices with initiatives like the Universal Human Values Centre, fostering ethical and empathetic leaders, and the Directorate of Entrepreneurship & Innovation, which nurtures creativity and startup culture. These platforms empower students with values-based education, innovation skills, and a commitment to societal betterment, bridging academics with real-world impact.

Tata Consultancy Services

About the Company

Tata Consultancy Services (TCS) is a digital transformation and technology partner of choice for industry-leading organizations worldwide. Since its inception in 1968, TCS has upheld the highest standards of innovation, engineering excellence and customer service.

With a global presence and deep domain expertise across multiple industry verticals, TCS offers a comprehensive portfolio of services and offerings – grouped under application development and management, digital transformation, AI, data and cloud services, engineering services, cognitive business operations, cyber security, and products & platforms – targeting every C-suite stakeholder.

Over time, the pace of patent filing has accelerated to create newer innovations and increase the economic value of its IP for enhanced business opportunities. The company has filed 9,226 patent applications and has been granted 5,086 patents, as of September 30, 2025.

About the Products

TCS offers a robust suite of products and platforms that drive digital transformation across industries. Its flagship solutions such as ignio™, TCS BaNCS™ and TCS iON™ are designed to enhance agility, efficiency, and customer experience. These solutions leverage cutting-edge technologies including AI, cloud, and analytics to deliver scalable, secure, and future-ready enterprise solutions.

TCS ignio™ introduced Code Accelerator, an advanced GenAI powered tool designed to automate code generation, significantly reducing time to value for customers. It has been deployed across 80% of SaaS customers, boosting productivity by 150%.

TCS BFSI Products and Platforms offers comprehensive solutions for the entire financial services value chain, focusing on Insurance and Capital Markets. This product is now enhanced with AI and is globally available across TCS' solutions. At the heart of this business is TCS BaNCS™, designed to help financial institutions accelerate time-to-market, and improve operational efficiency. The TCS BaNCS Digital Core is complemented by 'Intelligent Experience' solutions, which enhances end-customer experience using innovative technologies for digital engagement; and by TCS QuartzTM, which provides the innovation edge to the Digital Core.

TCS iON™ assessed more than 64 million candidates and launched 270 Learning programs and 48 assessment products.

TCS ADD™ platform went live for Tata Medical Center ISCALL study for fighting Childhood Acute Lymphoblastic Leukemia in India.

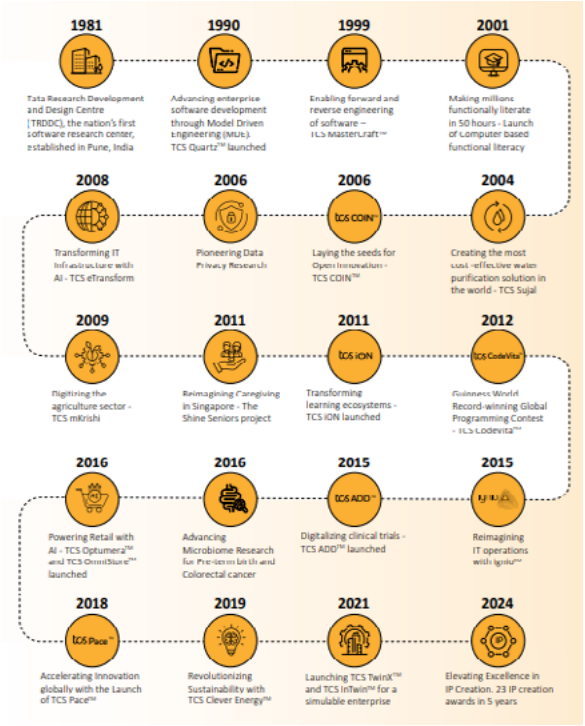
TCS MasterCraft™ is a suite of GenAI-driven intelligent automation products for development and enterprise modernization of applications and data made significant achievements in FY 2025.

About Intellectual Property (IP) Policy

TCS's IP Policy outlines comprehensive guidelines regarding creation, protection, access, and use of IP supported by associate awareness programs, internal communications, and established processes and systems. The policy is reinforced by detailed operational guidelines and governance procedures to ensure adherence to the policy and all applicable laws across various jurisdictions.

R&D structure

Journey of Research and Innovation



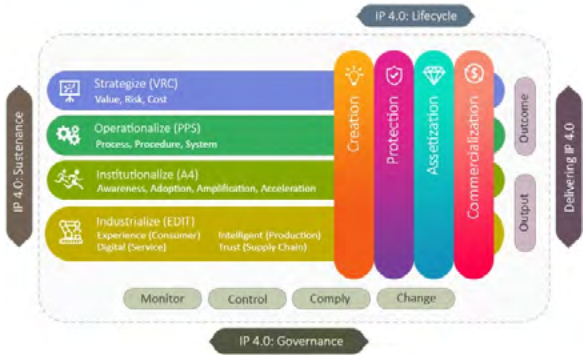
Team Strength

TCS has a dedicated Intellectual Property (IP) team with expertise in various technological fields and IP matters. This team supports all TCS business verticals and Innovation Labs, ensuring effective management of IP initiatives across the organization's global research and development activities.

Best practices

The company channelizes its research and innovation efforts and outcomes towards building better futures through:

- **TCS AI WisdomNext™**, an industry-first AI platform that aggregates multiple GenAI services into a single interface.
- **TCS Pace™**, brings the best of TCS' intellectual content, innovation assets, capabilities, and practices to clients.
- **IP management framework (IP 4.0)**, a TCS established industry leading IP management framework that helps in defining a roadmap for maturing the organization's focus on IP-led business growth.



Tata Steel Ltd.

About the Company

One of the most diversified integrated steel producers, with a capacity of 35 MTPA across India, the Netherlands, the UK, and Thailand, Tata Steel is shaping a better tomorrow through innovation, sustainability, and an enduring commitment to excellence.

The Company has set an ambitious target of achieving Net Zero emissions by 2045. In the UK, Tata Steel is transitioning to a 3.2 MTPA electric arc furnace-based steelmaking route. In the Netherlands, it has signed a non-binding Joint Letter of Intent (JLoI) with the Dutch government for the first phase of transition to low-emission steel production. In India, Tata Steel is building a 0.75 MTPA EAF-based steelmaking plant in Ludhiana, Punjab. The Company is also investing in multiple decarbonisation solutions and biodiversity management initiatives. In 2025, the World Steel Association recognised Tata Steel as a Steel Sustainability Champion for the 8th consecutive year.

About the Products

Catering to an evolving market, Tata Steel has developed a range of innovative products.

A) Tata Steel's **POLYSTEELIUM™** is a breakthrough in steel innovation, offering polymer-coated cold-rolled steel with exceptional surface quality and durability. Engineered for appliances and general engineering applications, it combines superior corrosion resistance, enhanced aesthetics, and cost efficiency. This advanced solution reduces maintenance, extends product life, and elevates design appeal, making it the preferred choice for manufacturers seeking performance and sustainability. With cutting-edge coating technology, POLYSTEELIUM™ delivers strength, style, and value—transforming conventional steel into a high-performance material for modern needs.

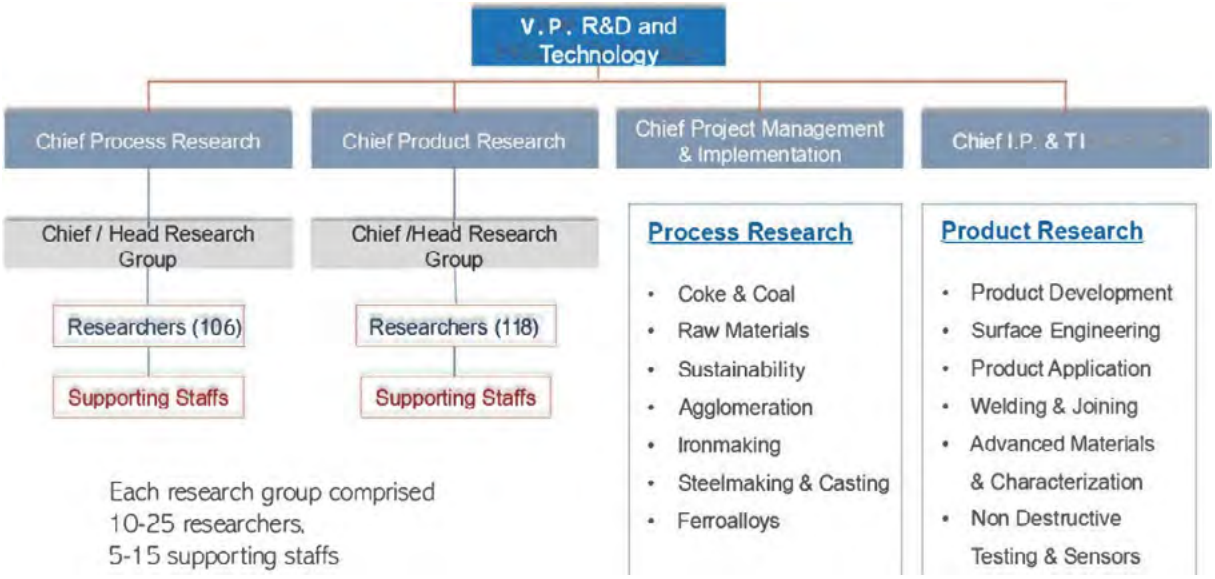
B) Tata Steel has pioneered the development of hydrogen-compliant API X65 H-grade steel and pipes, becoming the first Indian steelmaker to achieve this milestone. These advanced products are specifically designed for safe and efficient hydrogen transportation, supporting India's National Hydrogen Mission and the transition to clean energy. By enabling infrastructure for hydrogen-based solutions, Tata Steel reinforces its commitment to sustainability and positions itself as a leader in green energy innovation.

About Intellectual Property (IP) Policy

Tata Steel's Intellectual Property Policy ensures systematic protection and management of patents, trademarks, and trade secrets to foster innovation

and competitiveness. It mandates legal compliance, promotes employee awareness, and supports strategic licensing and collaborations while respecting third-party IP rights, reinforcing the Company's commitment to ethical and responsible IP practices.

R&D structure



Team Strength

Our IP team blends legal expertise, technical insight, and strategic vision to maximise innovation and business value. Comprising patent and trademark attorneys, licensing specialists, portfolio managers, and paralegals, we collaborate to protect assets, manage portfolios, and leverage intellectual property for sustainable growth and competitive advantage.

Best practices

We ensure continuous training in patent laws, streamlined workflows for idea submission, and strong inventor–IP counsel collaboration. A centralised database enables efficient portfolio tracking, while strategies are updated to reflect legal and industry changes. External expertise and a culture of innovation drive sustained idea generation and portfolio excellence.

TMS Technov M Systems (P) Ltd.

About the Company

TMS TECHNOV M SYSTEMS (P) LIMITED, Incorporated in 2007, is professionally managed, with its core objectives to innovate, commercialise technologies, and institutionalise the innovation.

We have focused our endeavours to sustain and to innovate, patent and manufacture affordable technologies, yielding quick payback, to mitigate greenhouse gas emissions, strategically managing the input costs and social costs, of manufacturing.

The Innovation: Patent numbers: 253287, 250627, 250491 & current patent applications 202441002664

Our technology specific solutions save Hydrocarbons, by improving combustion efficiency of the plant utilities, reducing emissions, flavoured with customised software. We are currently working on our APP to determine and to analyse, the real time utility value for industrial and domestic users.

Our journey includes saving 6 Lacs tons of Carbon-di-oxide and generating awareness amongst our clients about significance of saving the environment. Having established our domestic model, we are in the process of replicating our model, in other countries in Europe, in Vietnam, & Japan.

About the Products

Magnetic resonator technology boosts fuel efficiency in oil and gas-fired utilities by breaking up fuel molecular clusters and polarizing the fuel as it moves through conduits near burners. This process enhances atomization at burner nozzles, increasing the surface area for air-fuel contact and improving combustion. Applicable to paint shops, gas turbines, boilers, ovens, and furnaces, the technology is covered by India patents 253287, 250491, and 250627.

Double Resonance Type [Magnetic Resonator] (Repulsive Pair)

This resonator uses Strontium Ferrite in two halves housed in blue polypropylene cases. The repulsive pair polarizes fuel molecules by affecting their intermolecular forces.

Magnetic Memory Type [Magnetic Resonator] (Attractive Pair)

This type uses Neodymium alloy NdFeB in a yellow polypropylene case with two halves. Installed next to the double resonance type, it retains polarized fuel until combustion. Both types are needed for the complete configuration.

About Intellectual Property (IP) Policy

A business-driven policy framework focused on continuous innovation, commercialization, and managing technology and product life cycles to maximize value generation and to sustain business growth supporting the business-driven innovation cycle.

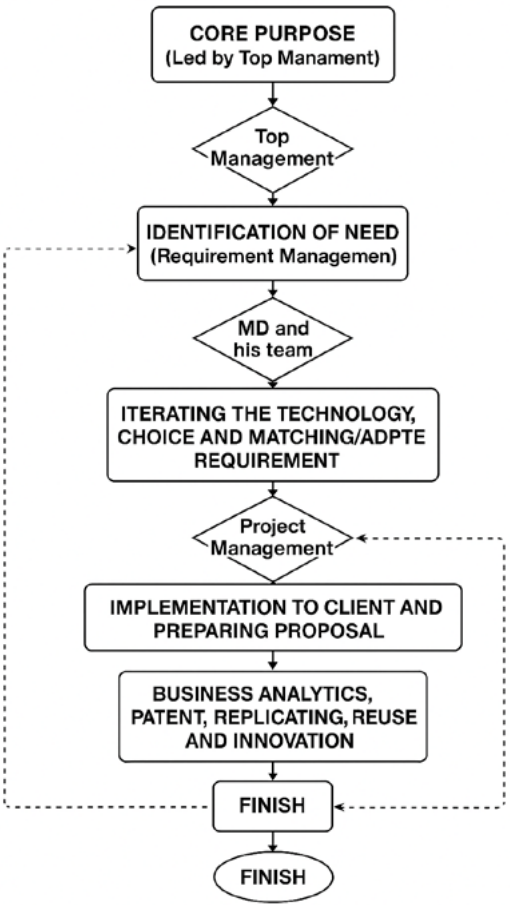
Identifying purpose through field research, developing technology and products, manufacturing, implementing solutions, and matching value propositions to clients with quick payback and investment efficiency are the objectives

R&D structure

Our belief system forms the basis of R&D structure supporting creation of novel technologies adding economic value to the user, to the business and to the society as a whole.

The R&D structure focuses on collaboration over hierarchy, encouraging transparency and quick decision-making. This framework efficiently supports research, functional, and commercial activities.

Functional Structure:



Team Strength

The primary objective is to apply strategic cost management within manufacturing to enhance customer efficiency. We align client requirements with our proprietary technologies, regularly refine our solutions based on customer feedback, and communicate technical advancements in industry forums to promote widespread adoption. Team composition varies by project needs, with core and non-core members adjusting according to R&D activities

Best practices

Organisational systems are designed to enable purpose-driven leadership by balancing cost and value, promoting collaboration, maintaining quality standards, and positioning innovation as a strategic focus. The organisation utilises tools such as a product-market-innovation grid, performance feedback mechanisms, value tracking processes, and regular contributions to technical forums to sustain revenue streams and support ongoing field research. Practices centred on value creation are underpinned by continuous innovation, the establishment of layered frameworks for technological progress, the development of robust technologies, and active industry collaboration to optimise both cost and scale. Additionally, securing patents ensures global protection for inventions. These measures collectively aim to reduce implementation costs while strengthening intellectual property on a global scale.

Maintaining successful business relationships with major public and private sector organisations, along with extensive export activity over more than fifteen years, has enabled us to incorporate best practices tailored to our needs, fostering a proactive platform for engagement. For example, regular financial reporting, annual filing of patent implementation details with the patent office, continual pursuit of innovation through new patent applications, systematic documentation of user feedback, and adaptive revenue strategies for research sustainability have all contributed to our enduring presence and competitiveness in our chosen business domain.

Trinano Technologies Pvt. Ltd.

About the Company

Trinano Technologies Pvt Ltd is a Deep Tech(NanoTech) , SINE IIT Bombay incubated Start up, registered in Maharashtra India in Jan 2022 revolutionizing solar efficiency with our patented solid-state nanocoating. Applied via electro-deposition, our inorganic ceramic coating enhances panels with 4-in-1 key properties: anti-reflection, light-trapping, self-cleaning, and thermal cooling. We tackle critical industry problems: up to 30% energy loss from dust/reflection in arid regions, high maintenance costs, and thermal degradation—all undermining solar ROI. Our solution delivers: ✓ +4-6% energy output ✓ Upto 50% reduction in cleaning costs✓ 2-3 years extended lifespan✓ 10+ years durability (IIT Bombay validated). Irrespective of its brand, make, type, age or location, our nano technology coating solution decreases the carbon emissions by 5.2%, increase the land availability by 7.6%, as our coating increases performance ratio and productivity of both new and existing solar panels. We have been endorsed by MNRE as "Made in India Technology" Link: MNRE (Ministry of New and Renewable Energy, Government of India's) webpage mentions Trinano Technology as Made in India innovation for improvement of Power output of solar panels.

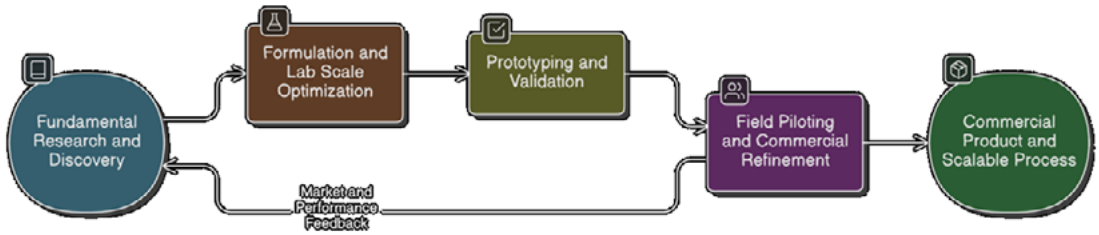
About the Products

Our patented solid-state nano coating for Solar panels enhances performance through 1) Light Trapping-Our 0.4 micron coating, thinner than human hair, traps light and directs it to underlying silica cells, generating more power and energy 2) Self-Cleaning- Due to unique microstructure which increases the surface tension, particles like dust, oil, grime, and bird droppings don't stick to coated surface and can be easily cleaned with high-pressure air, soft brush, or rain 3) Anti-reflection -We reflect the light in IR range wavelength, thereby reducing the cell temperature and thus reducing panel degradation.

About Intellectual Property (IP) Policy

Trinano is committed to protecting and leveraging its intellectual property. Our IP policy emphasis innovation and the strategies management of patents, trademarks, and trade secrets to maintain a competitive edge. We have granted patent in India (438347 - AN APPARATUS AND A METHOD FOR PROVIDING NANO COATING ON A SURFACE) and registered for PCT Countries and filed separate national patent filed in EU and US.

R&D structure



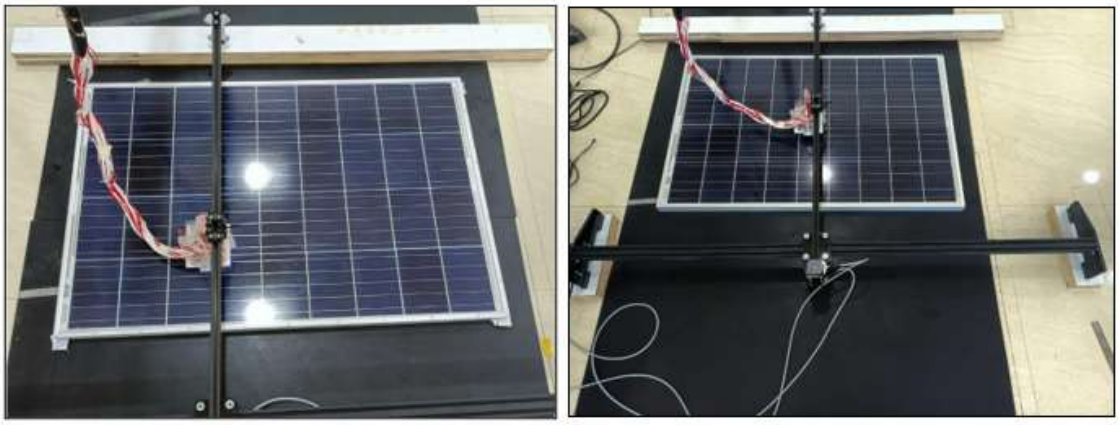
Team Strength

Our R & D team comprises highly skilled scientist, engineers, and researchers with expertise in nano technology, green chemistry in this domain. We have MOU/collaboration with IIT Bombay and NISE enhancing the research capabilities.

Best practices

We focus on sustainable and eco-friendly solutions, ensuring our nano technology coating solution is environmentally responsible. Our nano technology coating solution decreases the carbon emissions by 5.2%, increase the land availability by 7.6%, as our coating increases performance ratio and productivity of both new and existing solar panels

Nano coating Process



Nano Coated panels v/s non coated panels

Trispace Technologies Pvt. Ltd.

About the Company

TriSpace Technologies is focused in providing patented low BoM cost and power optimization solution for platform SoC targeting Mobile, Wearables, Drones to extend battery life of device usage. Qualified in the third-party program of NXP semiconductors and endorsed by QCOM for its proven solution. Target clientele segments include platform SoC Makers/designers (QCOM, MTK, Huawei, Samsung), OEMs (Nothing Phone, Google, HTC), CPU Vendors (ARM, Intel, AMD, RISC-5). TriSpace has NDA agreements with several companies. Recursively we target to capture World market.

TriSpace Technologies is now scaling heights in semiconductor DLI scheme providing low BoM cost platform SoC for Mobile, Drone, IoT devices.

About the Products

Solution is via firmware product across power hungry use cases DSP Multimedia Audio Image Video Speech AI/ML and computer Vision

About Intellectual Property (IP) Policy

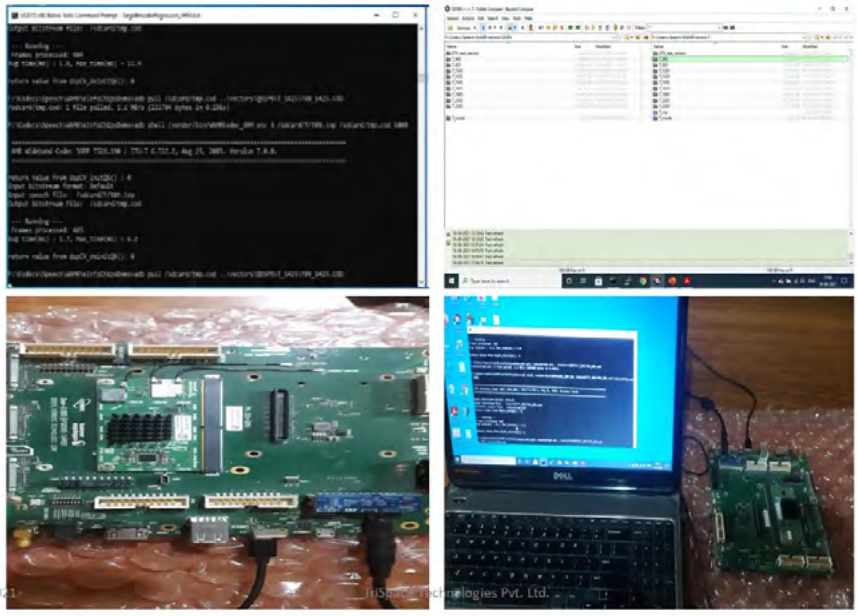
All Product development to be apriori explored for Patentability and avoiding patent infringements.

R&D structure

Flat structure and lean organization. Every project team has explored and filed patents.

Team Strength

Flat structure and lean organization. Every project team has explored and filed patents.



Uno Minda Ltd.

About the Company

Uno Minda is a Tier-1 global manufacturer and supplier of innovative automotive components and systems for OEMs. Established in 1958, Uno Minda design and produce over 28 Auto Components product lines for vehicles across all segments, including passenger cars, commercial vehicles, and two- and three-wheelers—serving both internal combustion engine (ICE) and electric/hybrid vehicles. Uno Minda is a leading manufacturers of automotive switching systems, lighting systems, acoustic systems, seating systems, and alloy wheels. Uno Minda unveiled its Centre for Research Engineering and Advanced Technologies (CREAT), developed in alignment with the company's strategic vision of Personalization, Automation, Connected and Electronic (PACE). The centre is driving a new wave of pioneer innovation. As a global player in the automotive sector, the Group operates 78 manufacturing facilities across India, Indonesia, Vietnam, Germany, Spain & Mexico with 37000 + workforce deployed across different manufacturing facilities. Our core principles are centred around customer responsiveness, sustainable innovation, and a culture of respect and ethics.

About the Products

Uno Minda Limited uses state-of-the-art technologies to manufacture a wide range of automotive products for various segments like 2 wheelers, 3 wheelers, 4 wheelers, commercial vehicles and Off-road vehicles catering to both internal combustion engines (ICE) and electric/hybrid vehicles.

In particularly, the Lighting Domain includes front and rear lighting systems such as head lamp, bi-functional projector lamps, fog lamp, daylight running lamps, tail lamp, blinker lamp, fender lamp, number plate lamp, cornering lamp etc. and Acoustic Domain includes electro-mech horn, electro-mech trumpet horn, electronic disc horns, speakers, AVAS etc.

AVAS – Acoustic Vehicle Alerting System

The Electronic and Control System domain includes switching systems, infotainment systems, USB chargers, off-board and on-board chargers, battery management systems, DC-DC Converters etc.

The ADAS Controller and Sensor System domain includes Sensor systems, actuators, controllers, automotive wireless chargers, climate control modules, body control modules, telematics control units, front, surround and rear-view camera systems, parking assistance systems etc.

Automotive Camera 1.3 MP

The Safety and Comfort System domain includes seating systems for major vehicle segments, hoses, steering wheels, seat belts, airbags etc.

The Light Metal and Powertrain System domain includes alloy wheels, air filters, general castings etc.

About Intellectual Property (IP) Policy

Uno Minda's IP Manual (Elaborative version of IP Policy) is a comprehensive guide that ensures efficient utilization and safeguarding of IP rights and outlines organization's approach to intellectual property management, encompassing key areas such as the structure and responsibilities of the IP Committee and IP Cell, IPR portfolio management, IPR Trainings & workshops, commercialization of IPR, guidelines on IP Creation, Protection, Maintenance for stakeholders, risk avoidance measures, and IP enforcement system.

R&D structure

Team Strength

The centralized Intellectual Property Cell of Uno Minda (UM) Group plays a vital role in safeguarding UM Group's IP Creations. It diligently identifies, protects, prosecutes, maintains, and enforces all intellectual properties (IPs) to ensure that our creative efforts and valuable assets are secure and respected. The IP cell is staffed with a team of highly skilled and experienced IP professionals, including patent agents, patent/ design drafting & prosecution professionals, IP analysts, Legal associates, paralegals and division-wise IP Champions who drive our intellectual property initiatives forward.

Best practices

- Educating relevant stakeholders through IPR awareness sessions and Invention harvesting workshops.
- Policy for monetary rewards and timely recognition to contributors for securing relevant IP.
- Strict adherence to due diligence and Infringement Risk Mitigation procedures.
- Technology/Product Road Maps are assisted by Patent State-of-the-art studies.
- IPR filings are strengthened by thorough prior IPR searches.
- IPR enforcement in collaboration with Marketing and Business Engineering Team.
- Periodic evaluation and monitoring of commercialized IP assets.
- Defined IP ownership and usage rights in collaboratively developed IP rights.
- Aligning IP strategies with the business strategies of UM group.

UPL Ltd.

About the Company

UPL is a leading global crop protection and biological solutions company defining the future through sustainable agriculture and a grower-first mindset. With a robust portfolio, UPL aims to create shared growth and prosperity for farming communities, agriculture, and our planet.

The company is committed to fostering industry collaboration through its OpenAg® commitment and developing advanced technologies to promote crop health and productivity.

We apply best-in-class formulation technology with a localized approach that is highly flexible and responsive to demand. By leveraging our strong supply chain and manufacturing capabilities in India, we address every stage of the crop lifecycle, focusing on high-growth, high-value, and high-differentiation segments.

We are also making our footprint greener by advancing efforts to become carbon neutral by 2040 and implementing new green technologies to manufacture our products more sustainably.

About the Products

Product 1: Centurion® EZ

Centurion® EZ is a post-emergence systemic herbicide for selective control of key grasses in Soyabean, Cotton & Onion crop.

Centurion EZ has advanced formulation technology for maximum absorption and translocation in target weeds and consistency in weed control.

It is unique patented chemistry with excellent efficacy for tough to control grassy weeds.

Key Product Attributes of Centurion EZ:

- Excellent control of key annual and perennial grasses of Soyabean , Cotton and Onion Crops.
- Excellent on crop safety.
- Unique patented chemistry with improved formulation technique for hassle free usage
- Convenient time of application (2 to 4 leaf stage of weeds) ensuring minimum crop-weed competition.

Product 2: TridiumTM

Tridium is India's first three-way fungicide mixture introduced by UPL in 2022, combining Azoxystrobin (4.7%), Mancozeb (59.7%), and Tebuconazole (5.6%) in a water-dispersible granule (WG) formulation. This innovative product offers triple-action protection—preventive, systemic, and contact—making it highly effective against major fungal classes such as powdery mildew, downy mildew, blights, and leaf spots. It is widely recommended for crops like paddy, chili, and cucumber.

Key benefits include:

- Broad-spectrum control of diseases like rice blast and sheath blight.
- Resistance management through multi-site action, reducing the risk of pathogen resistance.
- Enhanced crop vigour, improved nitrogen assimilation, and better photosynthesis, resulting in higher yields.

- Fine particle size ensures superior solubility and leaf coverage for long-lasting protection.

For paddy, Tridium is applied during early disease symptoms at a dose of 800 gm / Acre. Its unique formulation delays senescence, improves grain quality, and supports sustainable farming practices.

About Intellectual Property (IP) Policy

UPL Limited maintains a global Intellectual Property (IP) policy that applies to all employees and consultants of UPL Limited and its subsidiaries. This policy ensures that any inventions developed by employees or consultants within the scope of their employment or engagement are owned by UPL or its subsidiary. Additionally, the policy emphasizes the importance of intellectual property confidentiality and requires all personnel to adhere to these guidelines.

Team Strength

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Best practices

UPL maintains a comprehensive intellectual property (IP) strategy and adheres to established best practices in IP management. The company consistently communicates the importance of IP protection and provides employees with guidance on proper IP handling procedures. In addition, UPL regularly conducts targeted training sessions for key stakeholders—including R&D, marketing, and field trial teams—to promote IP awareness across the organization.

Zen Technologies Ltd.

About the Company

Founded in 1993, Zen Technologies is a pioneering defence-technology enterprise dedicated to advancing India's combat-readiness through indigenous innovation. With a strong legacy in simulation-driven training, Zen has evolved into a comprehensive defence solutions provider offering live fire ranges, AI-enabled combat simulators, and state-of-the-art counter-drone systems. Headquartered in Hyderabad and publicly listed, Zen has emerged as a strategic partner to the Indian Armed Forces, designing products that significantly reduce training costs while improving combat efficiency. Its combat-proven Anti-Drone System (ADS) has strengthened India's electronic warfare capabilities and accelerated self-reliance in critical technologies. With exports to more than 10 countries and a rapidly expanding product suite, Zen stands as a national asset and a global ambassador of Atmanirbhar Bharat.

About the Products

Zen's product portfolio spans advanced training simulators, live-fire ranges, AI-driven combat training systems, and next-generation counter-drone technologies. The company began with Infantry Weapon Training Simulators and Tank Simulators, enabling accurate, cost-effective, and immersive training environments far superior to traditional methods. Over the years, Zen has expanded towards integrated training ecosystems, combining sensors, VR/AR modules, ballistic engines, and data analytics for real-time performance evaluation.

Its flagship innovation, the Zen Anti-Drone System (ADS), is a combat-proven electronic warfare solution integrating radar, electro-optical sensors, RF detectors, and jamming modules to detect, track, and neutralize hostile drones. ADS has been deployed in operational conditions by the Indian Army, demonstrating reliability under diverse terrains and climatic extremes.

Cut-Out View


T-90 DS in 20 Feet Container

Zen's live-fire ranges and driving simulators have also modernized military and paramilitary training across India and abroad. The integration of AI, machine learning, and digital twin technologies across its platforms ensures continuous enhancement in realism, accuracy, and adaptability.

About Intellectual Property (IP) Policy

Zen follows a formal, organization-wide IP Policy comprising structured invention disclosure procedures, internal evaluation committees, and systematic filing and enforcement mechanisms. Innovation is rewarded through ESOPs and performance-linked incentives. Regular IP audits and IP watch activities ensure protection, compliance, and strategic expansion of Zen's growing patent and trademark portfolio.

R&D structure

Zen's R&D framework operates as a structured, multi-stage innovation pipeline:

Idea Capture → Invention Disclosure → Feasibility Assessment → Prior art/ FTO search → Prototype Design → Field Trials → IP Filing & Protection → Product Finalisation → Production Integration → Deployment & Feedback Loop.

The R&D divisions collaborate with domain experts, ex-service personnel, data scientists, and hardware engineers to develop indigenous technologies that address emerging threats and operational needs. Each stage is supported by design reviews, IP evaluations, and quality assurance processes to ensure originality, technical depth, and combat-readiness.

Team Strength

Zen's workforce comprises 700+ highly skilled engineers, defence technologists, simulation specialists, software architects, and field experts, supported by strong manufacturing, quality assurance, and customer-support teams. The organization's multidisciplinary talent base enables rapid development of complex defence systems and sustains Zen's leadership in indigenous innovation.

Best practices

Zen Technologies follows a robust Intellectual Property governance framework driven by a formal IP Policy that integrates invention disclosure, evaluation, filing, and commercialization processes. The company conducts periodic IP audits and maintains a continuous IP watch to safeguard its portfolio and monitor global technology trends. Innovation is incentivized through ESOPs and performance-linked rewards to encourage active R&D participation. Cross-functional reviews, design validation cycles, and structured documentation practices ensure product originality, technical soundness, and compliance. This disciplined approach has enabled Zen to consistently generate high-quality patents, accelerate product development, and maintain a strong competitive edge.

Zero2A Learning Innovations Pvt. Ltd.

About the Company

Zero2a Learning Innovations Pvt. Ltd. is a Pune-based ed-tech company founded in 2022 that creates simulated educational tools using games and experiential learning. Our mission is to bridge the gap between theory and practice by blending behavioural economics, game design and Prospect Theory into immersive learning experiences. Instead of passive instruction, participants live through complex decision-making scenarios that mirror real business or market situations. By integrating insights from behavioural science and game theory, our simulations encourage learners to confront risk, trade-offs and ambiguity, leading to deeper reflection and measurable behaviour change. Zero2a's flagship products—Bottomline and Margin Call —are registered intellectual properties and have been run across corporate, educational and leadership settings. The company also invests in research partnerships and employs a multidisciplinary team to ensure that its simulations remain grounded in academic research while being engaging and practical.

About the Products

Bottomline

Bottomline is a live simulation that mirrors the complexity of real business decisions. Participants don't just talk strategy; they practise it in high-pressure scenarios, experiencing ownership, pressure and collaboration while competing as company founders. After each session, expert facilitators lead a debrief, helping players reflect on decision patterns and connect them to real-world outcomes. Each participant receives a personalised report with behavioural insights and recommendations. Bottomline measures leadership by tracking how participants take ownership, manage risk, solve complex problems, collaborate under pressure and make critical decisions. It is the only leadership assessment tool that puts leaders to the test in live, high-stakes simulations.

About Intellectual Property (IP) Policy

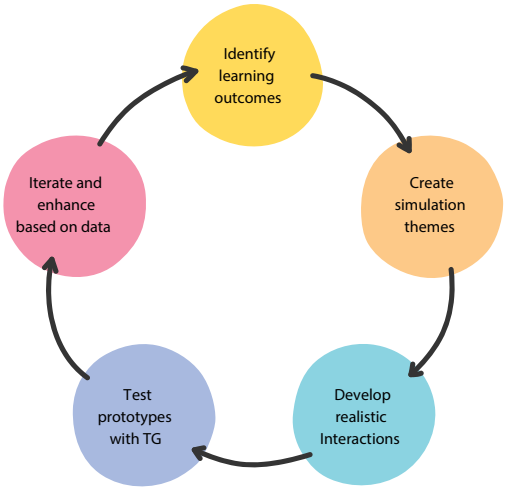
Margin Call

Margin Call is a board-game-based simulation that educates players on financial risk, ethics and decision-making under uncertainty. Registered as an intellectual property under classes covering games and playthings, board games, education using games and trainingtrademarking.in, it employs Prospect Theory to illustrate how loss aversion and framing influence choices. Participants

navigate volatile markets, face margin requirements and make trade-offs between short-term gains and long-term sustainability. Margin Call offers multiple endings and open-ended scenarios, prompting players to explore different strategies and consequences. By gamifying complex financial concepts, it fosters a deeper appreciation of risk management and ethical behaviour.

R&D structure

The R&D process is iterative and evidence-based. We start by identifying desired learning outcomes, then design a simulation theme that aligns with those objectives. Realistic scenarios are developed to mirror real-world dynamics, and prototypes are tested with target audiences. Behavioural data and feedback drive continuous refinement.



Team Strength

Our team combines expertise in behavioural science, game theory and Prospect Theory. Unlike conventional simulations with predefined winning strategies, our games feature open-ended, multi-path outcomes, encouraging participants to explore diverse strategies and reflect on their own decision-making. This blend of research and creativity defines our competitive edge.

Best practices

Zero2a follows rigorous best practices to ensure our simulations deliver measurable learning. Each product undergoes multiple prototyping cycles and real-world tests before launch. We co-develop content with psychologists, economists and educators to ensure conceptual integrity. Expert facilitators customise complexity and guide structured debriefs. We capture every decision and action to generate data-driven reports that support individual and organisational development. Ethical learning design is paramount—scenarios encourage reflection rather than competition, promoting growth mindsets, collaboration and professional development. Continuous improvement ensures that each simulation remains engaging, relevant and backed by research

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Confederation of Indian Industry

The Confederation of Indian Industry (CII) works to create and sustain an environment conducive to the development of India, partnering Industry, Government and civil society through advisory and consultative processes.

CII is a non-government, not-for-profit, industry-led and industry-managed organisation, with around 9,700 members from the private as well as public sectors, including SMEs and MNCs, and an indirect membership of over 365,000 enterprises from 318 national and regional sectoral industry bodies.

For 130 years, CII has been engaged in shaping India's development journey and works proactively on transforming Indian Industry's engagement in national development. CII charts change by working closely with the Government on policy issues, interfacing with thought leaders, and enhancing efficiency, competitiveness, and business opportunities for industry through a range of specialised services and strategic global linkages. It also provides a platform for consensus-building and networking on key issues.

Through its dedicated Centres of Excellence and Industry competitiveness initiatives, promotion of innovation and technology adoption, and partnerships for sustainability, CII plays a transformative part in shaping the future of the nation. Extending its agenda beyond business, CII assists industry to identify and execute corporate citizenship programmes across diverse domains, including affirmative action, livelihoods, diversity management, skill development, empowerment of women, and sustainable development, to name a few.

For 2025-26, CII has identified "Accelerating Competitiveness: Globalisation, Inclusivity, Sustainability, Trust" as its theme, prioritising five key pillars. During the year, CII will align its initiatives to drive strategic action aimed at enhancing India's competitiveness by promoting global engagement, inclusive growth, sustainable practices, and a foundation of trust.

With 70 offices, including 12 Centres of Excellence, in India, and 9 overseas offices in Australia, Egypt, Germany, Indonesia, Singapore, UAE, UK, and USA, as well as institutional partnerships with about 250 counterpart organisations in almost 100 countries, CII serves as a reference point for Indian industry and the international business community.

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