

वीरमाता जिजाबाई तंत्रज्ञान संस्था, मुंबई.

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"SMART
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STARTUP BROCHURE



VJTItbi
nurturing innovations for a sustainable future

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ABOUT US

VJTI Technology Business Incubator (TBI) was established at the prestigious Veeramata Jijabai Technological Institute (VJTI) in 2017. VJTI is one of the oldest technological institutes in India (established in 1887). It is an autonomous institute of Government of Maharashtra.

VJTI-TBI is supported by the Department of Science and Technology (DST), Government of India. It is currently supporting 37 startups working in the areas of energy, clean-tech, AI/ML, IoT, EV and cyber security.

VISION

"To be a world class Technology Business Incubator that will create a credible cluster of sustainable technology based businesses that will create a social and economic impact on the region and the nation as a whole."

MISSION

- ~ To nurture and support start-ups focusing on the thematic areas.
- ~ To leverage on the scientific, industrial and technological competencies of the region to create scalable and sustainable businesses.
- ~ To enable start-ups have access to high quality technical assistance and mentorship.
- ~ To provide training infrastructure for start-ups to fill existing gaps in their current knowledge set-up.
- ~ To collaborate and create sustainable models of engagement with government, academia, corporate and industries, both at a national and international level.

STARTUPS UNDER VJTI-TBI



AIRPIX has two technology verticals namely drone based services and AI based video analytics platform to enable autonomous remote monitoring and insights for retail, oil & gas, manufacturing and infrastructure.

Spaceup Technologies are developing an open-source kubernetes-based server-less platform with built-in security and instant APIs for any database and microservices.



PMV, an acronym for personal mobility vehicles, is currently developing EaS-E, a fully electric smart car for everyday use to address the global challenges of pollution, climate change, urban congestion & parking issues.

Orxagrid is a tech start-up based in the UK and India that develops embedded IoT sensors and machine learning analytics for smarter electricity distribution.



Monter Technologies provides clean decentralized energy by hybrid renewable source at up to 30% less unit rate with a power backup of up to 6 hours daily, to Industries facing frequent power outages.

Marjan Machinery LLP has developed autonomous roof-solar module cleaning technologies that eliminate risks of accidents of roof cleaning personnel, provides smart operations and maintenance to owners and saves precious volumes of water.



Mag9 Energies is an automotive startup working on last mile delivery using electric vehicle technology and has also developed India's first smart electric go-kart which has served more than 50,000 customers till date.

Farmchain is a technology-based start-up developing solutions for a complex supply chain of farm products, enabling small farmers to compete in the e-commerce market by providing them tools and technology for creating transparency while directly selling to consumers.



Finemen Diagnostics & Instruments provides AI/ML-based solutions and is developing an IoT-based platform to assess the health of electrical equipment such as transformers, bushings, etc.



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Fasaltech provides personal advisory to farmers depending upon crop biology, local weather data, soil type and previous farming actions and helps to prevent and solve crop diseases and also in yielding high quality produce and Agri - products.

Cloudefy is a start-up focusing on working towards creating innovative solutions to bring the cloud ownership and privacy back in the hands of customers.



Aurify Systems provide AI-based solutions relevant to various industry verticals like retail, manufacturing, real estate, banking, energy & utilities etc. and specializes on data & video analytics.

JD Enerbiz is a Mumbai based company which has used an interdisciplinary approach to craft robust, functional, and engaging products and services which include a wide range of solar energy solutions for residential, commercial, and industrial customers.



Team Imito are developing an IoT/AI-based system to analyze viewers of LED-based advertisement boards which will enable data analysis to make decisions that can maximize profits on investments made on advertising.

AnaDigi aims to bridge the gap between the retailers and customers in the analogue brick and mortar space by using modern digital aids and connects the retailers with the customers with real time insights of products and services available within the store.

ANADIGI

ROOT
ANALYST

Root Analyst Team are currently developing an IoT-based predictive maintenance platform which enables real time condition monitoring, remote access to real time data and historical data with current focus on wind turbine manufacturers.

D-Fence is currently focused on development of Perimeter Intrusion Detection System (PIDS) security products built with robust sensor technology operational in all weather conditions.

D-FENCE



Aidgo Technologies are focused on creating an innovative Electric Wheelchair to provide aidless self-reliant experience for differently abled, elderly and patients



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Blockeye Technologies works on blockchain analytics to provide compliance and risk management software to government and financial institutions.

DRE3 Tech Solutions are developing solutions to enable digitalization and democratization of distributed energy sources to enable consumer choice and plan to provide solutions (SAAS).



JyoSH Integrated Agriculture Robot is a smart, precision farming solution for entire automation of cotton cultivation which includes weed management, crop health monitoring and cotton harvesting with large benefits to cotton farmers.

Punaha Batteries is a cleantech startup which aims to reduce e-waste in the traction/deep storage battery industry by up to 50% through a novel mechanism of using a software-controlled 'desulphation' process to regenerate the batteries.



Sandbird, an IIT Madras and Tamil Nadu Government funded organization is working on a smart, eco-friendly and high return on investment product, the 'Smart Power Tiller' to ease the efforts of low-income farmers.

SMDPower Solutions is an energy startup and has developed an IoT-based technology for increasing energy efficiency of existing/in-use air conditioners to reduce electricity consumption and retain the same cooling comfort.



Torus Robotics is a tech start-up working on unmanned ground vehicles (UGV) and robotics and their flagship technology includes the world's most compact, lightweight and powerful motor technology.

Wings Bionic is developing 'Made-in-India' sustainable and affordable bionic technologies to improve the quality of life of life of people with various disabilities.



Xprotect develops in-house security solutions for OT networks which includes IDS, threat intelligence, and SIEM platform and provides services like security consultancy, security assessment of OT network, etc.



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STARTUPS UNDER VJTI-TBI



Volt is an electric two-wheeler & a battery company, building a Robust & Reliable Electric two-wheeler built for Indian market, with a hyper convenient battery solution. Our electric vehicle is not only robust with chassis able to go over 200,000 KM but also modular (IKEA of electric vehicle), allowing vehicle to transform into multiple forms without structural change.



Yotaka Solutions aims to make camera usage proactive by adding a layer of intelligence to the feed and extending its application to real time detection and pattern analysis. Our focus is to be the bridge between business and the technology where we identify, architect, own, manage and execute AI based solutions for everyday activities



GRIDsentry aims to begin with providing cybersecurity solutions for traction power substations. This shall be then expanded to captive industrial grid, power transmission and distribution substations, micro grids thereby covering major sections of critical power infrastructure.



Zigyasa is a deep tech real-time Video optimisation and Super Resolution provider. We want to be known as video specialists and enable every house in the remotest places with limited infrastructure and bandwidth to be able to use our video solution and achieve the maximum benefit of global knowledge



Optimum Data Analytics is a Data Science and Digital Transformation Company with a core objective of utilizing the power of data using AI and Machine Learning for the betterment of world. Our product Bindu - wearable assistive device helps visually impaired people improve their daily quality of life and make them employable.



Aumsat provides precision-driven, AI-Enabled, Satellite-based hydro-analytics for detecting, predicting, and forecasting leakages in water pipeline networks. We have built an algorithm that detects and isolates subsurface water signatures from radar satellite images.



PARITTA SHM provides real-time monitoring of structures and give accurate diagnostics based on results. We also deliver cost-efficient IoT-based structural health monitoring systems and consultancy services.



Sunny Synergy Solutions provides a one-point solution for optimized schedules for Renewables and Distributed Energy Resources (DERs), Enhancement in monitoring, protection and control, & Power system analysis and planning for large systems.



Bombay PowerCo engaged in developing and manufacturing indigenous charging systems for the upcoming electric vehicles. Our target is to build a full-fledged product line of AC and DC chargers including specialised systems for enabling battery swapping for 2Ws and 3Ws.



Tweetshodh provides deep down analytics about the reach of marketing campaigns, listening to grievances of users from different sections and detecting the hate propagations and terror threats.

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CONTACT US



Veermata Jijabai Technological Institute,
H.R. Mahajani Road,
Matunga, Mumbai-400019



www.vjti-tbi.in



ceo@vjti-tbi.in



incubation@vjti-tbi.in

