













S.No	Products Developed / Commercialized	Incubatee / Company
120.	<p><b><u>Hydrogen Burner for Industrial Metal Melting Furnaces</u></b></p> <p>The innovative element is to use hydrogen as fuel in furnaces burners. Advanced combustor technologies were employed in diffusive hydrogen jet mixing and burning techniques and in addition advanced heat transfer augmentation techniques were also applied.</p> 	Vesrad Technologies Pvt Ltd
119	<p><b><u>Smart Electrical Tractor</u></b></p> <p>Smart Electrical Tractor is equipped with class 4 autonomous system which can act as wing man for repeated cultivation job, with electricity as the propulsion system reducing the cost of operation and carbon foot print, with IoT connected system paves the way for rental exposure on equipment's and tractor using connecting vehicle system featuring with the USB of expandable track width system, charge time of 5 Min to 80% and runtime of about 8 Hrs.</p> 	HarvTech LLP
118	<p><b><u>IOT Based Smart Power Looms</u></b></p> <p>A Retrofit device which gives continuous alerts about the ON and OFF time of every loom through IoT. In addition the owner can change the design settings, current input of the loom locating anywhere through app. Reduces the time consumption and increases the productivity &amp; profitability.</p> 	GSR Tech Solutions

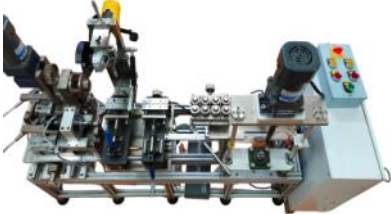
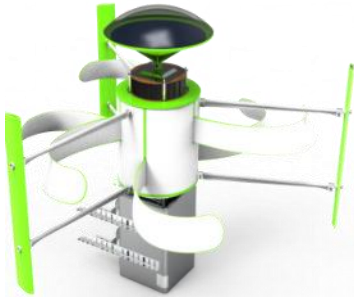

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117	<p><b><u>IoT based Mechano-Electronic Warping (Automated Warping)</u></b></p> <p>Automated Warping is achieved by using sensors at the creels to identify the thread damage, counters to provide the meters of thread woven into beam, Variable Frequency Drive (VFD) Motor to stop the motor immediately during thread damage. Design settings for different pattern of beams can be configured from any place and at any time using IoT.</p> 	DBS Tech Solutions
116	<p><b><u>Nectar Pouch For Collecting Unfermented Nectar From Palmyra Palm</u></b></p> <p>Nectar Pouch will increase the shelf life of pathaneer, creating extra revenue for the farmers. It is a clean method of collecting the nectar without the intrusion of insects as well as chemicals like calcium carbide. Objective is to develop a supply chain for nectar from collecting the nectar to value adding it to a ready to drink beverage.</p> 	Nutrigenetics Life Science Pvt. Ltd
115	<p><b><u>Solar Powered Pedal Assisted Three Wheeler</u></b></p> <p>Solar powered pedal assisted three wheeler for mobility solution. The vehicle is meant to be charged by onboard solar panels, resulting in a sustainable mode of transport. It further contributes to net zero carbon goals in mobility and energy.</p> 	Sugrah Mobility Pvt. Ltd


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114	<p><b><u>Semi-Automatic Rapid-Wall Making Machine</u></b></p> <p>The Wall Making Machine will provides a reliable, efficient, and safe solution for automated wall construction. These wall panels are becoming the replacement of bricks constructed buildings due to its high strength and light weight. The outer surface of panel has fly-ash plaster and inside it contains glass fiber. The machine demonstrated precision, versatility, and ease of use. Can produce different size of panels instead of cutting the panels as per customer requirements.</p> 	SMT FlyAsh Bricks
113	<p><b><u>Cassava Harvester (Tractor PTO Attachable)</u></b></p> <p>The basic idea is to replicate the manual harvesting process into machine assisted harvesting process. The design setup is divided in to two major parts; one is the mechanical setup involving the transmission system to power the harvesting stage and designing the harvesting system.</p> 	MN Vesthar Farm Tech
112	<p><b><u>Automatic Sugarcane Seedling Transplanting Machine Setup for Power Tillers and Tractors</u></b></p> <p>Setup can be attached to the existing machines such as Tillers or Tractors Which can do both the Furrow formation and the planting process in an simultaneous manner and Speed up the plantation process and reduces the overall cost of plantation.</p> 	Agram Agro Tech

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111	<p><b><u>Quadmastest:</u></b> A reagent/chemical device for very early detection of subclinical mastitis in cattle. Reduces milk loss by 50% to 80%. Prevents spread of infection to the whole herd. Prevents contamination of the pooled milk. Increases Shelf life of the milk. Reduces treatment cost ranging from INR 7000 to INR 35000 per cow. Reduces dependence on veterinarian or Para veterinarian for diagnosis.</p> 	ChimerTech Pvt. Ltd
110	<p><b><u>Thing – Connect + Sight + Manage:-</u></b></p> <p>A Shop-Floor Business Intelligence using IIoT Device - Measure and Improve your Key Performance Indicators with Visibility and Transparency using Industrial Internet of Things, Data Engineering, Machine Learning and Artificial Intelligence.</p> 	MachDatum Pvt. Ltd
109	<p><b><u>Vehicle for Spraying of Coconut, Arecanut and Other Perennial Trees</u></b></p> <p>Tusker, a vehicle which helps to spray the pesticides, fertilizer and micro nutrients directly to the affected area with the help of telescopic structure, it consists of pipes which can extend upto 0-80 feet from the ground level, by replacing the spraying mechanism with harvester mechanism, it help to harvest the coconut from the trees by operating the mechanism from the ground level, it will reach upto 0-40 feet for harvesting. It is completely Electric vehicle with fully Remote controlled by a single person.</p> 	Techlair Automations

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108	<p><b><u>Geopolymer Prefabricated Fibre Reinforced Hollow Core Building Panel</u></b></p> <p>The main ingredients used for this panel are fly Ash, Fibers and alkali solutions. Fly ash is used around 80% to 90% of the preparation building panel and fibers , alkali solutions is about 20 to 30% depending upon the application of the building panel. This building panel made of waste materials, hence it is Eco-friendly and sustainable product.</p> 	Insta Innovator
107	<p><b><u>An Autonomous Solar Panel Cleaning Robot(Dust It) with Unique Waterless Cleaning Technology</u></b></p> <p>DUST IT - a solar panel cleaning robot which with its proprietary algorithms and robotic solutions make day-to-day O&amp;M at solar sites safer, more efficient and more reliable. It can be equipped in both large- and small-scale applications. Its runs on the actual solar panel without any need for external rails to drive the whole cleaning structure.</p> 	Pristyn Automations Pvt Ltd
106	<p><b><u>Flabrr- The Compact, Automatic Flatbread Robot</u></b></p> <p>FLABRR, the flat bread robot is a compact, automatic flatbread machine capable of making dough kneading, dough ball making, pressing flat to required thickness and roasting on both sides to edible flat bread in touch of a button, thus helping people to prepare roti's/ flatbread in more simpler way for the daily meals.</p> 	FoodTechnics Pvt Ltd






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105	<p><b><u>Manual Micro Drill Cum Threading Machine</u></b></p> <p>Less than 1mm Diametrical drill &amp; Tap can be done in gold flimsy rods at Low cost, easy maintenance, minimal human error self-stop or direction with reverse mechanism. Self centering and Self axial alignment provision has introduced to avoid the tap breakage.</p> 	<p><b>Suncrown Mechtronic Solutions</b></p>
104	<p><b><u>Solar and Wind Energy Generator &amp; Air Purification System (SWEAP)</u></b></p> <p>SWEAP is an innovative hybrid which uses different concentrated solar module and dual type slow speed wind energy turbine module with proprietary generator system which generates electricity at a lower rate 24*7. Additionally it hosts a three layered Air Purification system which works as a grid connected system to purify air in its vicinity.</p> 	<p><b>Beliveinn Tech Pvt. Ltd</b></p>
103	<p><b><u>SOLO mPowerDrive (A power-assist device for manual wheelchair)</u></b></p> <p>Wheelchair power assist device to convert any normal wheelchair into power wheelchair which can eventually help the user to travel independently without any assistance.</p> 	<p><b>Tecyon Innovations</b></p>




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102	<p><b><u>Hand Rehabilitation Device</u></b></p> <p>A cost effective electronically operated device that provides active and passive hand rehabilitation therapy to burn injury. This Portable and compact Device provides complete hand mobilization which includes 0 to 90° MCP Joint Movement, 0 to 110° PIP Joint Movement, 0 to 70° DIP Joint Movement including Thumb Movement.</p> 	Swapnil Ajit Bukshete
101	<p><b><u>Rapid Adaptive Manufacturing (RAM)</u></b></p> <p>Metal 3D Printing with a hybrid approach. Incorporating Additive, Subtractive and 3D Scanning into one system to accommodate Mass Customization with Mass Production. The MVP is solely focused on the additive aspect of the Metal 3D Printer using Wire Arc Additive Manufacturing (WAAM) Technology using off the shelf welding components.</p> 	S&S Metal 3D Printing Technologies
100	<p><b><u>OxyHeal – Localized Hyperbaric Oxygen Therapy for Chronic Wounds</u></b></p> <p>Pressure and flow controller for oxygen which is extremely compact and tackles the issues with the current technologies like pressure hysteresis and droop due to change in inlet pressure as the oxygen in the cylinder depletes.</p> 	Oxyheal Pvt. Ltd




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99	<p><b><u>Smart Intravenous Dripper (SID)</u></b></p> <p>An IV-line automation device which is integrated into the healthcare system. It is user-friendly, adaptable and cost-effective with the static IV setup. The product monitors, alerts, stops and maintains the level of fluid in the IV line automatically without the need of the nurse being physically present, thereby preventing Air Embolism, Blood Backflow and Vein Infiltration. It can also communicate to the nurse at the central monitoring station regarding status of IV fluid admitted to multiple patients across the hospital through our centralized User Interface.</p> 	Rekindle Automations Pvt. Ltd
98	<p><b><u>Smart Milk Dispenser</u></b></p> <p>A portable dispensing system, which can be fitted in all types of milk cans, irrespective of the can sizes. The dispenser can be used to set the required milk quantity for the customers. Also can be able to view the milk level of can without opening its cover. Customers will be notified through SMS about the purchased milk quantity.</p> 	Icont Automations
97	<p><b><u>Moringa and Lemon Extracts as Food Preservatives</u></b></p> <p>A potential natural food preservative (processing of Moringa (Moringa Oleifera) leaf into powder form and preparation of lemon (Citrus aurantifolia) extracts) which improves nutrition, food security, sustainable land care and importance source of malnutrition among human populations. Also can be used as an instant soup, which is highly beneficial to children's and Women's against malnutrition.</p> 	Bivet Technosciences


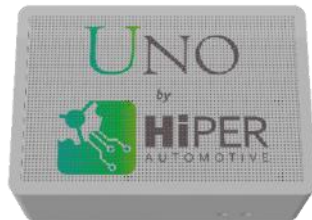



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96	<p><b><u>GlucoViva – Non-Invasive Gluco Meter</u></b></p> <p>A compact, portable, wearable, and non-invasive device which can be used by people regardless of age group. It determines the glucose levels in the blood quickly and accurately without pricking or invading the skin and comes with a companion app which notifies the individuals when they are with hyperglycemia, hypoglycemia or normal after testing, also provides analytics on measured data for period for diabetic individual to maintain healthy diet and lifestyle.</p> 	<p><b>VivaLyf Innovations Pvt Ltd</b></p>
95	<p><b><u>BIOTORR – The Next Generation Bioreactor</u></b></p> <p>A Portable Economical Bioreactor system with advanced Sophisticated features such as Auto calibration, Inbuilt sterilization, Live Monitoring, Optical Density measuring, Culture growth control and Cloud integration, for which we have filed our Provisional Patent. Our Bioreactor systems will become the Bio processor for the upcoming Bioprocessing 2.0 to enable connected Bioreactor system, so as to improve the Global Research Needs.</p> 	<p><b>Kardle Industries Pvt Ltd</b></p>
94	<p><b><u>Semi-Automated Handling of Steering Knuckles for Hardness Testing</u></b></p> <p>Measurement of hardness of casted components is essential so that components with appropriate hardness are supplied for machining process. Automated Handling of Steering knuckle reduces human labor, using Image processing technique provides accurate hardness value, reduces human fatigue and inventory of hardness ledgers. This also provides consistency in the measuring process. This system can accommodate different variants of Steering knuckles; can store the hardness data for further processing.</p> 	<p><b>KG Automation</b></p>

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93	<p><b><u>Multifunctional Geometric Tool</u></b></p> <p>Multi Model and Multipurpose Geometry Tool / Drawing Tool. The ruler and compass functions integrated into one function, i.e., can draw a straight line, easy to draw a circle of a specified radius size.</p> 	Mak Scales
92	<p><b><u>Lapwing</u></b></p> <p>A real time monitoring system which provides prior information about the elephant intrusion in the fringes which can provide a warning alert to the forest department and locals. This product can recognize the threat animal which in turn provides the real time intrusion alert with geo tagging the animal's location. We can reduce injury and loss of life of elephant and human, Reduce risk of life in patrolling job, Decrease crop damage and livestock depredation.</p> 	Mr.Kavin Kishore
91	<p><b><u>LSPoT</u></b></p> <p>LSPoT - a wearable device which helps people to retain and maintain their posture. LSPoT monitors the cervical and lumbar spine of the people, when the people are in the slouchy posture for prolonged time; LSPoT intervenes and provides them a haptic alert with the on-device haptic feedback system.</p> 	Mr.Sunil Vignesh



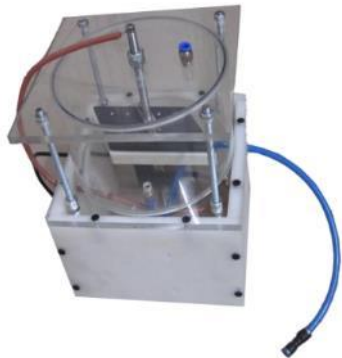
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90	<p><b><u>I-ADVI</u></b></p> <p>Intelligent Assistive Device for People with Vision Impairment [i-ADVI] is a wearable device which helps people with vision impairment to detect and differentiate the obstacles in their path enables them to mobilize and navigates independently by visualizing their environment through their ears.</p> 	<p><b>Lepocube AssisTech</b></p>
89	<p><b><u>Agrovester – Harvester and Land Preparator</u></b></p> <p>Harvester and Land Preparator’ aims at bringing an efficient way for harvesting the Turmeric crop and also for preparing a land prior to cultivation. This Product comes as an attachment for a farming tractor. The simple design makes the product cheaper and the work is completed with minimum workforce, in a short time period.</p> 	<p><b>Taark Equipments Pvt Ltd</b></p>
88	<p><b><u>Refil – Grocery Order Automation using Smart Container</u></b></p> <p>Refil – A physical Smart Storage Container which connected to a mobile application will make the purchase themselves. It ensures that we never run out of grocery what we need in the kitchen.</p> 	<p><b>Iotism Technologies Pvt Ltd</b></p>



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87	<p><b><u>Low Cost Solar based Outdoor Pollution &amp; Environmental Monitoring System</u></b></p> <p>Continuous real-time monitoring of indoor and outdoor air pollution using low-cost sensors. The Low cost Air Quality Monitoring device(AIROLA) is powered by 30W Solar Panel and backed by 12V and 17A Battery. The Controller gets data from the sensors such as PM 2.5, PM 10, NO, SO, CO, AQI, Temperature sensor, Humidity sensor. The monitored data is send to cloud using IOT GSM network and stored in database.</p> 	Afford Social Tech Pvt Ltd
86	<p><b><u>Ready to cook banana stem</u></b></p> <p>Machinery to process and prepare Banana Stem for Ready to cook, completely automated the process to prepare hygienic edible product. In this innovation, manual intervention is not required while slicing, dicing and removing fiber from banana stem.</p> 	NGV Natural Industry Pvt Ltd
85	<p><b><u>Multipurpose Bullock Drawn Cultivator</u></b></p> <p>Eco-friendly and economical farm equipment using draught animal power. Product category includes single/double plow, 5 row cultivator, bed maker and disc/blade plow.</p> 	Agnicart




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84	<p><b><u>iKey :-</u></b></p> <p>This tech-enriched smart padlock with integrated Wi-Fi, Bluetooth, GSM, fingerprint sensing, Internet of Things (IoT) with Mobile application for control from remote location. This has overcome all the drawbacks of the traditional padlocks.</p> 	Aran Tecnovation
83	<p><b><u>UNO an automotive smart device for fuel efficiency :</u></b></p> <p>Hyper UNO is an add-on smart device which tries to help drivers adjust their driving style to maximize fuel efficiency, through real-time auditory instructions, customize their vehicle and its engine performance to suit their needs, Constantly monitor the human-in-loop vehicle-driver system to allow optimization of the engine to deliver better drive-ability &amp; fuel economy</p> 	Hyper Automotive
82	<p><b><u>Industry 4.0: Live and Remote Monitoring (Shop Floor) :</u></b></p> <p>Live and Remote Monitoring IIoT Device for reporting of real-time shop floor data using mobile, modular and highly compatible IOT hardware system suitable for production environment.</p> 	Dynattral Tech



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81	<p><b><u>SMART Battery Water Refill Alarm :</u></b></p> <p>IoT based smart battery water refill alarm device to help end users - Home, Office, Colleges, Industries and UPS/Battery distributors with AMC. Using the IoT device the data may be viewed / monitored in mobile app, web app in a dashboard for effective maintenance of battery</p>	 <p><b>Kalaiselvi</b></p>
80	<p><b><u>Semi-Automatic Airless Paint Sprayer :</u></b></p> <p>Semi-automatic Airless Paint Sprayer is to be designed to eliminate shortage of painters, increase quality of painting the building at any atmospheric conditions with high surface coverage. It helps to achieve low cost painting using various materials. Various types of application like putty plastering, wall painting, roof coating, white-wash, grouting and filling are feasible</p>	 <p><b>Scorpion</b></p>
79	<p><b><u>FRUWARE - Wearable diagnostic tool :</u></b></p> <p>A wearable device to help medical practitioners simultaneously measure various physical health parameters with the ability to store and transfer health data.</p>	 <p><b>Suraj Mohan</b></p>








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78	<p><b><u>Ferrous Particle Impurity Detection Machine:</u></b></p> <p>Ferrous Particle Impurity Detection Machines for Gold Jewelry which helps Jewel Manufacturing Companies to automate their testing of jewelry with 80% Less Man-power and better Accuracy to achieve 100% Quality.</p> 	Magnic Technologies
77	<p><b><u>TRANSAIR:</u></b></p> <p>Indigenously developed ozone generator and purifier to remove pesticides in fruits and vegetables</p> 	Multiversal Technologies
76	<p><b><u>PlasShineE1™:</u></b></p> <p>A versatile plasma machine that can generate both corona discharge and a dielectric barrier discharge at atmospheric pressure. This device can be used for class room demonstrations and preliminary R&amp;D by researchers.</p> 	Multiversal Technologies

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75	<p><b><u>HHO Fuel Saver cum Pollution Reducer</u></b></p> <p>A novel system relates to a pollution controlling and fuel saving for IC engines in automobiles and power generators with the help of HHO electrolysis cells and systems used for generating Hydrogen/ water gas and mixing the Hydrogen with the vehicle fuel..</p> 	Kulothung Automotive Systems
74	<p><b><u>Software for Agriculture product auction:</u></b></p> <p>Software application for procurement and auction of agricultural product turmeric. It is being used in the turmeric market committee at Erode.</p>	945Signals
73	<p><b><u>Legalme:</u></b></p> <p>A very powerful, simple, safe web-based legal case management and auto-notification system developed for the lawyers of <b>District Court of TamilNadu</b>.</p> 	945Signals

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72	<p><b><u>Bore Well Rig Automation:</u></b></p> <p>Automatic Rod Feeding and Rod removing for Drilling Tube Well Machine is done using Electronic Controller.</p> 	Velson Machinery & Equipments
71	<p><b><u>eSUCCESS:</u></b></p> <p>New Generation e-Books and e-Portal that makes the learning process more interesting and challenging.</p> 	Set Infotech P.Ltd
70	<p><b><u>Multiversal Casper 8.0 Low Frequency Power supply:</u></b></p> <p>Designed and developed a compact power supply with low EMI, less power consumption, impedance matching and also resonating at higher frequency</p> 	Multiversal Technologies

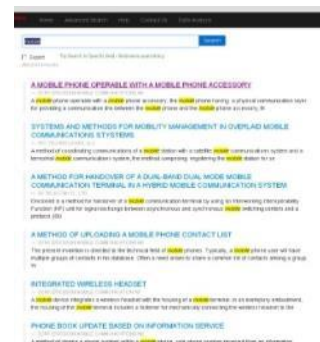
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69	<p><b><u>SecureTrack Android Application:</u></b></p> <p>Android application for Advanced Electronic System for Tracking and Security of Automobiles</p> 	V-Tech Systems
68	<p><b><u>Vanigan:</u></b></p> <p>A software product to monitor and enhance activities of marketing, sales and service persons. It also equipped with GPS and navigation application with automatic report generation.</p> 	Samvit Technologies Pvt Ltd
67	<p><b><u>Quick Dezider:</u></b></p> <p>A decision-making system, which will help users to make both individual and group decisions</p>	Hoorecon IT Sys Pvt Ltd

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66	<p><b><u>Solar Hybrid Charge Controller:</u></b></p> <p>Designed and developed solar management system at affordable cost to efficiently store the energy produced from PVs cells and to increase the reliability of the system.</p> 	K Square Automations
65	<p><b><u>Road Survey Master System (RSMS):</u></b></p> <p>The new electronic system RSMS is to ‘lively’ and ‘remotely’ monitor, record and count both the numbers and density of the vehicles, inventory etc., as a part of road survey to support the road infrastructure design, maintenance and planning. This system also helps to optimize the resources and to increase the accuracy and reliability.</p>	Krish Equipments
64	<p><b><u>Single phase Energy Monitoring device in a wireless network:</u></b></p> <p>Device designed to monitor the energy consumption in real-time. This device with its high performance wireless interface communicates the real-time monitored data to your Computer/laptop.</p> 	Evolutech Networks Pvt Ltd




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63	<p><b><u>Open Source Content Management System (Social E-Commerce application):</u></b></p> <p>Social E-commerce application will help Internet companies to build websites where individual or small organization, who have a few products to sell, can own a mini store. This store can be created with a few clicks.</p> 	Weblogicx India
62	<p><b><u>Legalme:</u></b></p> <p>Legalme is a very powerful, simple, safe web-based legal case management and auto-notification system developed for the lawyers of Supreme Court of India.</p> 	945Signals
61	<p><b><u>MyGovin:</u></b></p> <p>Search engine for government web sites</p> 	945Signals






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60	<p><b><u>PatentAt:</u></b></p> <p>A web-based, patent search retrieval and analysis tool, Advanced Search Engine exclusively for Patents</p>	<p><b>945Signals</b></p>
59	<p><b><u>QR Code based Mobile Commerce Platform</u></b></p> <p>Unique product based on Quick Response Code for Consumer Purchase</p>	<p><b>Wifin Technologies Pvt Ltd</b></p>
58	<p><b><u>Solar Management System with MPPT Controller</u></b></p> <p>Superior technology based device for Energy Saving and enhancing battery life.</p>	<p><b>Intron Devices</b></p>






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57	<p><b><u>EasyTab</u></b></p> <p>Simple hand-held device for surveys and analysis</p> 	Samvit Technologies Pvt Ltd
56	<p><b><u>Renewable Energy SCADA System</u></b></p> <p>Remote monitoring and control system for Wind Mills.</p> 	Evolutech Networks Pvt Ltd
55	<p><b><u>Secure Track</u></b></p> <p>Advanced Electronic System for Tracking and Security of Automobiles</p> 	V-Tech Systems



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54	<p><b><u>Fly Ash Brick Machinery Automation:</u></b></p> <p>PLC control for automating raw materials loading, mixing and moulding in order to get high quality brick at low cost.</p> 	K-Square Automation Pvt Ltd
53	<p><b><u>Loom Automation:</u></b></p> <p>Automatic weft designing for the existing Auto and Power loom by eliminating the punched card and plate respectively.</p> 	Sri Electro Controls
52	<p><b><u>Smart Building:</u></b></p> <p>A wireless product for controlling of appliances from remote and to conserve energy</p> 	Evolutech Networks Pvt Ltd



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51	<p><b><u>GSM Motor Starter</u></b></p> <p><b>Description:</b> To switch on/off, monitor, control and feedback of irrigation pumpsets from distant place using mobile phone <b>Application:</b> (i) Agriculture pump on/off from distant place. (ii) To know the status of water flow. (iii) Make scheduled on/off motor pump. (iv) Over head tank status. (v) Power available status.</p> 	Realtech Systems
50	<p><b><u>Energy Saver</u></b> (introduced in Madurai and Coimbatore Municipal Corporations)</p> <p><b>Description:</b> The Remote Link Controller unit is installed in each street. All the lights in that street are connected to the unit. The on/off timing is programmed via SMS from a Central Monitoring Station (CMS). The energy saving pattern is also programmed from the central station. The data on energy consumption and lamp failure are transmitted to the CMS everyday morning and data are stored.</p> <p><b>Application:</b> Remote Street Light automatic on/off with Energy Saver and Centralized control.</p> 	Realtech Systems
49	<p><b><u>Fuel Saver for MPFI petrol cars</u></b></p> <p><b>Description:</b> It is an embedded system based product to improve the mileage by about 15% in the MPFI petrol cars. The control acts during deceleration of the vehicle.</p> <p><b>Application:</b> For MPFI petrol cars</p> 	Kulothung Automotive Systems

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48	<p><b><u>Vacuum Assisted Pump</u></b> (for Medical electronics)</p> <p><b>Description:</b> The Bio Suctioner is a device that removes septic fluid from the body. It is mainly used for the removal of puss from the wound of the diabetic patients. When the puss is removed the air circulation and blood circulation increases and the wound heals soon.</p> <p><b>Application:</b> Hospitals, Clinics and Medical Institutions.</p> 	Fort Pharma
47	<p><b><u>Electronic Control Panel for Scrubber Drier Machine</u></b> (for overseas market)</p> <p><b>Description:</b> The machine is operated using 24 volts battery and it has one brush motor for scrubbing, vacuum motor for drying and drive motor for moving the machine and a flow control valve for water dispensing.</p> <p>The electronic circuits are developed to control the above said motors and valves in a phased sequential manner.</p> <p><b>Application:</b> In Super Markets, Hospitals etc.</p> 	Realtech Systems
46	<p><b><u>Biometrics Reader</u></b></p> <p><b>Description:</b> Fingerprint Terminal – Professional Time and Attendance System. FG T024 is a standalone fingerprint T&amp;A System, low price with good performance, designed specially for the purpose of popularizing the fingerprint products. It could store 3,000 fingerprint templates and 80,000 transaction records.</p> <p><b>Application:</b> Company &amp; Academic Institutions</p> 	Sybiean Infosystems

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45	<p><b><u>Multivoltage Electronic Horn</u></b></p> <p><b>Description:</b> This device replaces the mechanical based vibrator and produces stable and uniform sound across varying input voltage (24V-72V). The horn life is improved up to 10 times.</p> <p><b>Application:</b> To control the horn sound uniformly across the varying input voltages.</p> 	Realtech Systems
44	<p><b><u>Tower Maintenance System (TMS)</u></b></p> <p><b>Description:</b> It is an integrated electronic system to manage the mobile towers from remote by collecting all the required data from the actual location of each site and transferring the data “live” to the central server.</p> <p><b>Application:</b> To collect data from all remote mobile towers for central data manipulation and control.</p> 	Krish Equipments
43 & 42	<p><b><u>Handheld computer with printer for Micro financing sector</u></b></p> <p><b><u>Handheld computer with printer for Vehicle tracking systems</u></b></p> <p>(Software development by Vyakul Technology Solutions and Hardware development by Srishti Research Labs)</p> <p><b>Description:</b> (i) Graphics LCD display, (ii) A permanent impression printer with self-inking capability, (iii) Alphanumeric keypad (iv) A battery which can work continuously for 4 hours with printer (v) Suitable convenient casing, (vi) Software that provides a suitable functionality for user’s application with very good user interface and various kinds of reports, transactions</p> <p><b>Application:</b> Bus ticketing and point of sales terminals.</p> 	Vyakul Technology Solutions and Srishti Research Labs







S.No	Products Developed / Commercialized	Incubatee / Company
41	<p><b><u>DSP based products for “Power Sector”</u></b></p> <p><b>Description:</b> The TMS320LF2407A is a new member of the TMS320C24x generation of digital signal processor (DSP) controllers which are part of the TMS320C2000 platform of fixed-point DSPs. The 2407A device offers the enhanced TMS320 DSP architectural design of the C2xx core CPU for low-cost, low-power, and high-performance processing capabilities.</p> <p><b>Application:</b> UPS users</p> 	Numeric Power Systems
40	<p><b><u>Forward Reverse Timer, Preventor’s Timer, Autostarter control panels, Temperature controller.</u></b></p> <p><b>Description:</b> It is incorporated in dyeing machineries in between the dyeing motors to apply dyes in forward and reverse directions so that uniform application of dye is achieved. The timer determines the duration of forward, reverse and switch off time operation of motors.</p> <p><b>Application:</b> Used in dyeing machines</p> 	Elgon Systems
39	<p><b><u>Time and Attendance software</u></b></p> <p><b>Description:</b> A software designed to maintain the attendance of the employees and the time they enter and exit the organization.</p> <p><b>Application:</b> Schools, Colleges and industry</p>	Sybiean Infosystems

S.No	Products Developed / Commercialized	Incubatee / Company
38	<p><b><u>GSM ON-OFF Timer</u></b></p> <p><b>Description:</b> This device used for on/off any electrical equipment using SMS.</p> <p><b>Application:</b> This device is used to monitor and control electrical equipment from remote places using SMS from mobile phone. Example: remote control of solar panels, wind mills, generator and long distance overhead tank control.</p> 	V-Tech Systems
37	<p><b><u>3D Elevation design</u></b></p> <p><b>Description:</b> High quality 3D architectural rendering and architectural modeling rendering services which are bound to transform our perception of buildings and furniture. It helps us to visualize the same as though it were already built or produced. The 3D model architecture images we create include a high level of detail concerning modeling, rendering, texturing and can also express light play i.e. the impact of sunlight / artificial light / shadows.</p>	Ideagate
36	<p><b><u>Embedded Development Board</u></b></p> <p><b>Description:</b> The ETLPIC-01 Starter Kit is an easy to use board, designed specifically for university students to allow an easy evaluation of 8 bit PIC microcontrollers. To increase its demonstrative capabilities, this stand-alone board has numerous on-board resources (Keypad, LCD, ADC, LED etc.)</p> <p><b>Application:</b> Lab Trainer Kits</p> 	Elite Systems and Controls


S.No	Products Developed / Commercialized	Incubatee / Company
35	<p><b><u>Web based College Management System</u></b></p> <p><b>Description:</b> Sunshine college management system is a web based powerful one point integrated platform that automates all the core process of the educational institution. It has a modular design that offers both flexibility and stability. It has an academic manager, office manager and user manager and communication manager module.</p> <p><b>Application:</b> Educational institutions</p>	Skymax Systems
34	<p><b><u>Needle Positioner for Medical applications</u></b></p> <p><b>Description:</b> Interventional radiology device – A device for biopsy guide, the device will be able to position the biopsy guide to the desired position on the patient body.</p> <p><b>Application:</b> Medical applications</p>	Perfint Engineering Services
33	<p><b><u>RFID product for retail business</u></b></p> <p><b>Description:</b> The products are pasted with RFID tags when they are brought to the super market for sale. The details of the product such as the product name, cost, date of manufacture/ expiry etc. are entered in the data base through a form which is designed using Visual Basic-6.0. When a product is purchased and brought for billing, the reader which is kept by the side of the walk over area senses the tags and sends it to the reader.</p> <p>This information which is transmitted to the reader is given to the system via serial port. This unique tag ID which is obtained from the reader via serial port is matched with the database which is already containing the details of the product, hence the products which are sensed are matched with the database and the total cost of all the goods purchased is displayed. Once the sensing is over the bill is printed using printer.</p> <p><b>Application:</b> Inventory Control , Access Control and Vehicle Identification</p>	Subramanian


S.No	Products Developed / Commercialized	Incubatee / Company
32	<p><b><u>Hagen Smart -Iphone Web Application</u></b></p> <p><b>Description:</b> Hagen Smart is a web application compatible for smart phones like Iphone, android and blackberry. Hagen is a standalone application for printing mills management systems. Hagen Smart, provides a web user interface for Hagen. Using Hagen Smart customers can place orders and get the status of orders. Sales representatives can get the details of customers and add the customers in Hagen System.</p>	Vasithwam
31 & 30	<p><b><u>Biometric based centralized employee management system and Biometric ID-Finder</u></b></p> <p><b>Description:</b> Online Fingerprint Identification Systems, state of the art solution that employs the web-based and Desktop PC technology to identity, verify and authenticate users.</p> <p><b>Features and Applications:</b></p> <ul style="list-style-type: none"> <li>• Every Labour gets a Entry Pass with Photograph</li> <li>• Maximum no of labours per contractor can be restricted and controlled.</li> <li>• Daily Labour attendance with finger print authentication.</li> <li>• Labour with Expired Entry Pass cannot enter the premise without RENEW operation.</li> <li>• Any person can be authenticated against a photograph and finger print.</li> <li>• List of disqualified Labour for no-entry.</li> <li>• Repository of details of all labours / temporary employees.</li> <li>• Easy Retrieval at a click of button.</li> <li>• Daily Attendance Sheet can be generated accurately.</li> <li>• A specific site or work area can be specified on the Entry Pass.</li> <li>• Allowed work timings are displayed on the Entry Pass and the same can be controlled.</li> </ul>	Sybiean Infosystems


S.No	Products Developed / Commercialized	Incubatee / Company
29	<p><b><u>Vibration Sensor</u></b></p> <p><b>Description:</b> State-of-art device to sense the vibration using Piezo electric material and amplify to microcontroller for accurate diction of vibration.</p> <p><b>Application:</b> To sense vibration and give the output to MCU for decision making</p> 	V-Tech Systems
28	<p><b><u>Energy Indicator</u></b></p> <p><b>Description:</b> This device is used to indicate the power consumed by any electrical device attached to it.</p> <p><b>Application:</b> (i) Helps to find out the power consumption of electrical devices (ii) Log the data for analysis of the power consumption pattern (iii) Day-wise report (iv) Cut off on overload.</p> 	Realtech Systems
27	<p><b><u>Universal Power Regulator for DC Motor(for overseas market)</u></b></p> <p><b>Description:</b> This Wizzard Machine is developed and manufactured in India and exported to UK and Japan by M/S Roots Multiclean limited, Coimbatore.</p> <p>This machine is driven by 0.75 HP AC motor. When exported to different countries, the AC power supply type varies from country to country. So the manufacturer should have many types of motors and this leads to more inventory of motors. An electronic power control circuit is developed with one common motor to take care of all countries standard.</p> <p><b>Application:</b> For Homes and Small Shopping Complex</p> 	Realtech Systems



S.No	Products Developed / Commercialized	Incubatee / Company
26	<p><b><u>Flow Monitoring for Effluent treatment plant</u></b></p> <p><b>Description:</b> Flow monitoring remotely using SMS for various liquids.</p> <p><b>Applications:</b> (i) Effluent flow monitoring (ii) Water flow for overhead tank monitoring (iii) High, low level alerts in mobile (iv) Set and control water flow from mobile (v) Low flow and high flow alerts.</p> 	Realtech Systems
25	<p><b><u>Timer controllers for range of UV therapy products and controllers for range of baby warmer products</u></b></p> <p><b>Description:</b></p> <ol style="list-style-type: none"> <li>The UV therapy units are used to radiate prescribed amount of UV radiation of particular wavelength to the patient either to the whole body or necessary areas in the patient body. The controllers ensure metered radiation to the patient using UV tubes with a feedback from the UV sensors built in.</li> <li>The resuscitation units are used to keep the infant at the desired body / skin temperature using external ceramic heat source and feedback using temperature probes. Also constant monitoring of infant weight is achieved using load cells.</li> </ol> <p><b>Application:</b> Electronic controllers for UV therapy, Phototherapy, Baby warmers and resuscitation units</p>	Perfint Engineering Services
24	<p><b><u>Campus Management Software</u></b></p> <p><b>Description:</b> Establish a common and continuous platform between the parents, the students and the college to strengthen the communication through constant updates.</p> <p>Features includes uploading of syllabus, question bank, time table and information about college, online services and notices. It also includes attendance, leave, admission and staff management system.</p>	Sybiean Infosystems

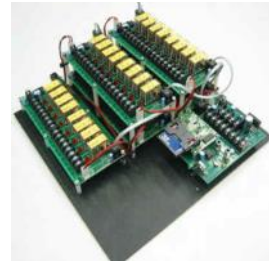




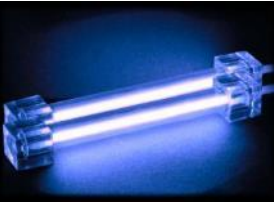

S.No	Products Developed / Commercialized	Incubatee / Company
23	<p><b><u>Virtual tour</u></b></p> <p><b>Description:</b> Virtual tour offers a view from any angle bringing a photo-realistic dimension to constructed or even idealized spaces. Virtual tour displays the actual materials to be used, Interior, landscaping, natural lighting and moving objects.</p>	Ideagate
22	<p><b><u>Website Design</u></b></p> <p><b>Description:</b> Web applications are popular due to the ubiquity of web browsers. Website is used to showcase the products for everyone to see. The benefits can be explained, compared with other products and testimonials of happy customers who purchased the product can be shown. The web allows to introduce the service, the professionals providing the service, and how several services can complement each other.</p>	Ideagate
21	<p><b><u>Embedded Controller Products</u></b></p> <p>Developed Embedded Controller products for various applications in industries.</p>	Unity Electro Systems
20	<p><b><u>PIC programmer</u></b></p> <p><b>Description:</b> Micro controller based PIC programmer helps in programming in the IC's. Low cost wide range Microcontroller Programmer for students, embedded designer and industry.</p> <p><b>Application:</b> Academic Institutions/ Industry</p>	Kulothung Automotive Systems
19	<p><b><u>CBT's for 6<sup>th</sup>, 7<sup>th</sup>, 8<sup>th</sup> &amp; 9<sup>th</sup> standard Physics and Chemistry-Matriculation syllabus</u></b></p> <p><b>Description:</b> The CBT work is mainly based on educational material published by Samba Publishing Company. The client's main motive is to bring out a visual learning based on their published books for the matriculation syllabus.</p> <p><b>Application:</b> Visual representation for the study material.</p> 	Media

S.No	Products Developed / Commercialized	Incubatee / Company
18	<p><b><u>Controller for Automated Bell Ringing System</u></b></p> <p><b>Description:</b> The bells ring automatically at the specified time at different locations as required. The system is programmed so that the bell rings periodically. Very useful in schools, colleges and industries where the bell has to ring after completion of each period to signify start or finish of a shift etc.</p> <p><b>Application:</b> Automatic and Synchronized Bell Ringing in Schools, Colleges and industries</p> 	Realtech Systems
17	<p><b><u>Ttriolinux for ARM processor boards</u></b></p> <p><b>Description:</b> Triozlinux is a realtime distribution that has a small memory foot print and works in a constrained hardware environment. Just as any other embedded linux it offers programming environment. It is also very user friendly as it uses transparent mechanism with which necessary functionality is enabled as and when required.</p>	Trioztech
16	<p><b><u>RFID LF Reader</u></b></p> <p><b>Description:</b> RF T800i is the latest advanced product in Time and Attendance and Access Control. Linux operating system is employed in ARM9 hardware platform. Features include color LCD, showing personnel image, advertising, notice, Inimitable and fancy design.</p>	Sybican Infosystems
15	<p><b><u>QUAD Processor VME board</u></b></p> <p><b>Description:</b> QUAD Processor VME board is a powerful single board computer with four 32 bit processors on a single VME board made to industry standard for process, distributed control and also as a computing element in cluster computing.</p> <p><b>Application:</b> Process industries, Power plants, petrochemical and chemical industries.</p>	Cornet Technology P.Ltd

S.No	Products Developed / Commercialized	Incubatee / Company
14	<p><b><u>GSM Modem</u></b></p> <p><b>Description:</b> Smart SMS, the next generation Messaging System is a powerful tool in SMS revolution that sends out individualized, Bulk text/ Flash messages directly from one's PC to the Parent/recipient without any mobile phone and internet.</p> <p>It is a cost effective messaging system with customized software which is user friendly and easy to handle. This system is integrated with a Computer, GSM Modem, SIM card and a customized software</p> <p><b>Application:</b> Smart SMS for Schools/Colleges (GSM/GPRS based Systems) e.g. Attendance, Parents Meeting date, Exam dates, fees reminder etc.,</p>	Sybiean Infosystems
13	<p><b><u>CPLD Development Kit based on Xilinx for use in VLSI design</u></b></p> <p><b>Description:</b> Product has excellent built – in features that are not available in the existing imported products. Lower cost is another feature. The hands-on experiments provided with the product are in line with the syllabus of some of the major Universities. The software codes (VHDL) and UCF files are provided free for ease of use of this kit. It is a starter kit for Training, Design and Development of Programmable Logic device based products.</p> <p><b>Application:</b> Training in Very Large Scale Integration – VLSI – Design in Universities and Engineering Colleges addressing the needs of the educational institutions. Also finds application in Industrial Automation system requiring programmable logic controller instead of conventional sequential logic.</p> 	Winnii Solutions
12	<p><b><u>Embedded controller card for conveyors</u></b></p> <p>Used for various applications in industries.</p>	Vsource Technologies

S.No	Products Developed / Commercialized	Incubatee / Company
11	<p><b><u>WinCE Based Embedded System</u></b></p> <p><b>Description:</b> Used in point of sale terminal.</p> <p><b>Application:</b> Customizable in local language for billing and stock maintenance of ration items.</p> 	V-Tech Systems
10	<p><b><u>RFID Trainer Kit</u></b></p> <p><b>Description:</b> Radio-frequency identification (RFID) is a technology that uses communication via electromagnetic waves to exchange data between a terminal and an electronic tag attached to an object for the purpose of identification and tracking. Some tags can be read from several metre away and beyond the line of sight of the reader. The Trainer kit provides the user to learn the working of active and passive type RFID card readers, with PC and Microcontroller interfacing.</p>	Elite Systems and Controls
9	<p><b><u>Bio Bubbles - Timer Controller board</u></b></p> <p><b>Description:</b> Pre programmed Timer – constantly injects air as per customer requirement to the filtrations chamber. The algorithm is developed and implemented indigenously using the various resources of the TBI.</p> <p><b>Application:</b> Air Flow control for septic tank</p> 	V-Tech Systems
8	<p><b><u>Agni Designs-Billing Application</u></b></p> <p><b>Description:</b> Agni Designs is a leading textile design company in Erode. This Agni design-billing application is specially created for Agni Designs company. The billing application maintains the order details, customer details and billing details. It produces monthly reports and yearly reports for each customer.</p>	Vasithwam

S.No	Products Developed / Commercialized	Incubatee / Company
7	<p><b><u>Audiomatic Controller</u></b></p> <p><b>Description:</b> Used in temples to play song in predefined timings and with selected songs for different days.</p> <p><b>Application:</b> This unit is interfaced with loud speakers in temples. The unit is programmed for playing songs for predefined time and duration. Also every day the songs can be scheduled.</p> 	V-Tech Systems
6	<p><b><u>SMS Communication Software</u></b></p> <p><b>Description:</b> Software designed to send out individualized, Bulk text/ Flash messages directly from one's PC to the recipient.</p> <p><b>Application:</b> Industry/ Institutions, etc.,</p>	Sybiean Infosystems
5	<p><b><u>Astronomical Street Light ON-OFF Timer</u></b></p> <p><b>Description:</b> This product switches on/off of street light based on sunrise and sun set timings.</p> <p><b>Application:</b> This product is mainly used for auto on and off of street lights based on the latitude and longitude positional sun rise and sun set timing.</p> 	V-Tech Systems
4	<p><b><u>Electronic tagging of book like objects</u></b></p> <p><b>Description:</b> It helps enterprises to gain efficiency and control through instantaneous tracking of objects like physical files, books, removable data storage, media, etc.</p> <p><b>Application:</b> Library, Office.</p>	Balaji Sowmyanarayanan

S.No	Products Developed / Commercialized	Incubatee / Company
3	<p><b><u>Horn Data Logger</u></b></p> <p><b>Description:</b> To log the data from Vehicle horn in real time to find the performance.</p> <p><b>Application:</b> The data logger is used in cars to find out the field parameters for creating optimal performance of electronic horns.</p> <p>The data is used to develop an embedded software for various field conditions that is captured by the logger</p> 	Realtech Systems
2	<p><b><u>Solar Charger Controller</u></b></p> <p><b>Description:</b> Solar Charger developed and programmed to charge a battery to sustain its performance in extreme conditions.</p> <p><b>Application:</b> Lighting of Cold Cathode Florescent Lamps both outdoor and Indoor</p> 	Signal Systems
1	<p><b><u>Web based Customer Relationship Management (CRM) Software development for SMEs</u></b></p> <p><b>Description:</b> Product developed using Virtual Web Application Builder where product can be customized for any business process without changing the source code and hence reducing cost &amp; increasing time/ efficiency.</p> <p><b>Application:</b></p> <ul style="list-style-type: none"> <li>– Sales Department: Manage Sales Leads, Opportunities, Customer Accounts</li> <li>– Customer Service : Manage Customer service, Customer Self service</li> <li>– Management: Generate reports, dashboard, Email &amp; SMS Alerts</li> </ul> 	DACAM Systems P.Ltd