CoE-IoT - Bangalore

Start-Up	Domain	Brief	Incubation Start Date
Connected Cooking	**Smart Kitchen**	Develops solutions for smart kitchen. Their product - BurnerBuddy - a smart burner knob that replaces existing stove plastic knob and makes the stove smarter.	01-Aug-16
Cradlewise	**Healthcare**	The smart cradle aims to combine the cozy experience of a traditional Indian 'jholi' with the smartness of modern electronics. The smart cradle has auto-swinging feature which initiates rocking based on activities.	01-Apr-17
Neewee	**Data Analytics**	Developed a platform as a Service (PaaS) provider across domains with specialization in Predictive Maintenance/Condition (data analytics) based Monitoring Solutions for IoT	01-Apr-17
JioVio	**Healthcare**	JioVio HealthCare is developing a wearable device called SaveMom which will track the heart rate and sleeping pattern of pregnant women. The device connects to the user's phone via Bluetooth and has a memory card which is used to store the data until it is synced with the phone or transferred to the laptop	15-Apr-17
Str8bat	**Sports**	Offers analytics and insights using motion detection technology for cricket. It analyzes the stance of the batsman, the type of shot and entire movement using AI engine	15-May-17
Green Robot Machinery	**Agritech**	Green Robot Machinery is developing a harvesting robot for picking cotton for the agriculture industry. The robot called "Cotton Picker" uses machine learning and computer vision to replicate the human behavior in the harvesting operation of cotton. It is also developing IoT products for agriculture automation and parking automation	21-Sep-17
Empathy Design Labs	**Healthcare**	Are working towards preventing the 2.6 Million Stillbirths that occur in developing countries each year, by introducing an affordable, wearable, effective, and non-invasive screening and monitoring tool	16-Oct-17

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Sensiwise Solutions	**Supply Chain**	SensiWise offers ready-to-deploy SaaS solutions that leverage the power of IoT, Big data & Analytics to help organizations get improved operational visibility and business insights	18-Dec-17
Amstertec	**Smart Bin**	Amstertec is intended to develop different variants of smart Bins named e-Bin which is solar powered, integrated with frontend hardware and cloud, enabling the waste management & collection companies	17-Jan-18
Blue Semi R&D	**R&D**	BlueSemi is a Research and Development organization determined to provide independent & scalable, high accuracy and low-cost analog and digital IPs. They are also working towards providing ultra low power custom application.	17-Jan-18
RadiiusCorp Solutions	**Wearables**	Bee is the smallest wearable wallet in the world. It packs your cards into one small supercool device that lets you pay for anything, anytime, anywhere. Bee is hassle-free and quick transactions all the time.	09-Apr-18
Exactspace	**Data Analytics /AI**	ExactSpace uses Advanced Analytics and Artificial Intelligence to help the Industrial world make real-time data-driven business and operational decisions. Our solutions convert data from your Automation systems (DCS, PLC, etc) and Enterprise Systems (ERP, CRM) into useful and timely insights help improve business operations	16-Apr-18
Inferencia Logic	**AI**	They build highly efficient machine learning stacks that empower edge devices to recognize variety of objects at high speeds, all without uploading images over cloud. Their design allows Plug & Play, Standalone, Fast and Secure.	01-Oct-18
CamfyVision	**AI**	CamfyVision is a product based company that strives to bring intelligence to real-time experiences and to solve complex problems using Artificial Intelligence. They also developed Intelligent computer Vision Algorithms using a combination of AI and Deep Learning	03-Oct-18

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CognetThings Technologies	AI/IIOT	With the backing of LPWA technology, high power efficiency and remarkable features that are integrated to ensure reliability, efficiency and secure connectivity, CognetThings is proud to introduce products for Cold-chain monitoring, Asset Tracking and Industrial workplace safety.	04-Oct-18
Redwings	Drones	Redwings is engaged in the business of data-analytics and aerial robotics. The Company is engaged in designing and manufacturing of autonomous unmanned drones and operating systems to be used for various purposes like payload delivery (load bearer drones), long range flight and surveillance & Aerial Mapping	15-Oct-18
MatrIoT Solutions	IIOT/Analytics	MatrIoT Solutions is an Industrial and Environmental IoT solution provider specializing in Smart Kanban Bins, Asset Tracking and Weather stations with its devices and platform. Their vision is to inspire, innovate, build next-generation, data-driven IoT & Analytics and Infrastructure & Network-Management products.	01-Nov-18
Shapecrunch	Healthcare	Shapecrunch offers 3D printing services for insoles of shoes. Users/doctors can use the app to take 3 photos of the feet and submit it. Shapecrunch uses an algorithm to convert the photos into a 3D model and print the same. The insoles are then shipped to the client.	25-Dec-18
Isenses	AI/Robotics/Energy/Agri/IIOT	iSenses Inc. is a machine intelligence company, developing technology and products in the areas of machine vision (MV) for their customers. The current focus is on the application of its platform Drishti (to see all) in active night vision systems (ANVS) for the vehicles made for high volume markets.	01-Feb-19
Atoll Solutions	IIoT	Atoll Solutions is a B2B Internet of Things (IoT) Solutions Company. Atoll offers a range of ready-to-deploy IoT platforms, intelligent edge gateways, sensor nodes and wireless modules spanning across industrial, commercial, logistics and smart city applications. These fully scalable IoT building blocks enable their customers to build and deploy customized solutions with cloud/mobile applications rapidly and securely.	15-Mar-19

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Cosine Labs	AI/IOT	An AI+ML powered smart spaces solution that understands the context in the space and manages it. Their product AIME is built on open standards, combines AI and home device integration in a wireless fashion to provide a unique smart living experience. AIME has exciting ways to interact with your home, is integrable with multiple devices and is able to connect with every service which makes your life tick at the moment.	15-Mar-19
Praesus Technologies Pvt Ltd	AI/IoT/Big Data Analytics	Manufacturing inexpensive smart helmets that can be availed by anyone with a smartphone. It features Accident Detection to let all emergency centers in a 10 km radius know of the location and possible injury of the user. Handsfree Navigation ensures, customer does not have to change his line-of-sight to look at his phone GPS. A dedicated emergency button lets him easily navigate to the nearest hospital if needed. Remote Tracking lets his loved ones keep updated about his location. And all these functionalities are easily interfaced through with an application.	01-Apr-19
Botsync Technologies	Robotics	Botsync is a robotics startup with the vision to provide easily deployable and cost-effective mobile robotic solutions to enable companies, especially SMEs, in the Asia Pacific region to improve their labor productivity. With over 10 years of cumulative experience designing automation products, our team has the capability to build and deliver state of the art robotic systems.	01-Jul-19
Vyuti Systems (Cynlr)	Robotics	Cynlr develops vision solutions for industrial robotics. Its offering is a visual intelligence platform. Claims that its technology differentiator is accurately picking and placing complex geometry objects, even when presented in a random bin with occlusions and entanglement The company provides its proprietary vision hardware purpose-built for object manipulation for integration with robotic arms. Its object recognition platform makes use of the eye-brain platform and deep-neural network models reinforced with motion feedback. Use cases are in manufacturing, wiring, warehousing, agriculture and more.	01-Jul-19
INGO Electric	Automotive/Logistics	They create Electric Vehicles that are ultraportable, connected and stylish.	01-Sep-19

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Blinkin Etrix Technologies	AR/AI	BlinkIN combines deep learning, big data, and proprietary computer vision algorithms to provide customers and support representatives with intelligent visual assistance.	01-Nov-19
FIACRE TELEMATICS Fiacre Telematics	Automotive	Motion detected video footage controlling to avoid unnecessary footage, footage storage inside device- passengers privacy secured, Automatic specific footage upload to server in police complain or if panic button pressed.	15-Oct-19
ibrum technologies	Healthcare	We are developing a novel point-of-care pneumonia screening device for primary care healthcare users to screen and refer babies with early symptoms of pneumonia without adding any additional diagnostic burden to their guardians. The device aims to drastically reduce the number of deaths caused by pediatric pneumonia. There are different kind of lungs sounds which corresponds to certain underlying illness. These sounds have a specific pattern. Our product acquires normal and abnormal lungs sounds, body temperature, oxygen saturation in real-time. Then the on-board AI processor uses these parameters as the inputs and analyzes and classifies them using novel machine learning algorithm. The healthcare user will get an audiovisual indication of whether the baby needs medical attention and can refer the baby to the specialist for immediate treatment.	1-Dec-19
IoTian Technologies Pvt Ltd.	AI/ML	Smart Video (Portable WiFi Camera w/IO Controller): Wireless Technology: Remote monitoring and Control of Devices Image processing and Computer Vision AI solutions: Keeping the object of interest and removal of noise for images. Video analytics solution for people count and PPE(Personal Protective Equipment)	31-Jan-20

Start-Up	Domain	Brief	Incubation Start Date
Logicus Technologies	Logistics/Mobility & Clean Energy	Logicus is working on making electric-mobility more accessible to the businesses (both gig-workers & fleets) alongside working on creating a cost-effective battery-swapping grid for urban India; asset-lite leasing of electric scooters on a battery swapping standard shared across vehicle types (eCycle, mini-scooter & in the future, full-size scooters).	16-Dec-19
Reddx Technologies	IIOT/3D Printing	1. Manufactures & supplies 3D Printers. 2. Supplies 3D Scanners, consumables, & all spares related to 3D Printers. 3. Provides 3D Printers on Rent. Provides 3D Printing, 3D Designing, 4. Product Prototyping & related services. 5. Provides Training sessions on 3D Printing.	17-Dec-19
Nadipulse Prognostics	Healthcare	Nadipulse deals with development of a diagnostic device for Ayurveda. Nadipulse are automating the technique and trying to prove the science by the use of contemporary technology.	1-Jan-2020
Doppelio	IIOT	IoT presents a new set of complexities with seemingly infinite set of scenarios for developers and testers to cover. Doppelio aims to address this challenge and reduce the risks and time to market for IoT applications. The platform simulates the data behavior of devices, real time scenarios, and scaling conditions required to test IoT applications. It automates IoT Application testing by simulating the system of things, their data behaviors, real time scenarios at scale, with minimal coding.	06-Jan-2020

Start-Ups Graduated

Start-Up	Domain	Brief	Incubation Start Date
Upshift Systems	Industrial IoT	Machinup provides an AI based predictive maintenance solution for industrial applications. Technology features include combining smart sensors, machine intelligence, visualization of critical machine parameters, and others to reduce the downtime and minimize operational costs	16-Oct'17 (Graduated)
Ctrl_ Control Anything Ctrl IoT Systems	Home Automation	Ctrl_ is engaging in developing various IoT devices. Initially, they focused on automotive and home automation industry. Their first solution was an automated door lock system called CTRL. The lock can be used through their mobile application in a secure manner.	01-Aug-16 (Graduated)
Teevr Data Pvt Ltd	Data Analytics	Scalable data management platform with focus on industrial IoT. Teevr's acceleration technology transmits large amount of data from source to destination at a higher pace enabling development of near real time applications. It interconnects machines and factories along the value chain, breaking data silos.	01-Dec-16 (Graduated)
avanijal Avanijal Agri Automation	Agritech	Avanijal's primary product is called Nikash, which is a micro-controller based electronic valve controller for irrigation. It controls irrigation valves, motor starters, fertigation systems, water filter flush system. It manages multiple water sources, open well, bore well or pond and monitors water levels. It connects to farmer through a GSM network and farmer can operate by using a mobile phone.	15-Sep-17 (Graduated)
SAAR MICROSYSTEMS SAAR Microsystems	Industrial IoT	Develops Industrial IoT platform and has created solutions for remote monitoring of smart energy installations - batteries and solar farms - as well as agricultural fields and glass houses	01-Sep-16 (Graduated in Sept'17)
The ThingsCloud The ThingsCloud	Energy	Has developed a solar grid-interactive inverter. Their technology enables user to generate, consume, sell, and store energy. The cloud technology provides unparalleled control and access to smart devices.	01-Aug-16 (Graduated in Sept'17)
InformDS Technologies	Healthcare	Doxper by InformDS, is a technology to replace the pen and paper used by doctors with smart pen and paper. Once the doctors write the prescription, the smart pen transfers the captured data to the mobile, which can be accessed anytime using the Doxper Blu app.	1-Nov-17 (Graduated in May'18)

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SensoVision	AI	A technology start-up with primary services based on vision based navigation, object detection & tracking, aerial photography, IoT, GIS, web based video & audio streaming and video exploitation based algorithms	15-Jun-17 (Graduated in Jun'18)
ThingTronics	Smart cities	Is engaged in design, development, production, manufacture, distribution and sales of various kinds of electronic equipment, and devices for various IoT applications such as Wireless Sensor Networks, Smart Agriculture, Smart City, Smart Grid, Smart Water Management and Smart Campus	01-Jun-17 (Graduated in July'18)
Wolkus Technology Solutions	Agritech	Wolkus product Fasal is an AI-powered IoT platform for Agriculture ecosystem that records a variety of growing conditions on the farm. It then uses artificial intelligence and data science to make on-farm predictions, before delivering the insights	19-Dec-17 (Graduated in Aug'18)
Redsky Technologies	Machine Learning	RedSky Technologies is Point-of-Sale solution provider. The IoT-enabled Point-of-Sale solution has a machine learning based analytics on the back-end that enables retailers to automate operations such as loyalty, marketing, promotions, etc. in retail stores. They also offer a hardware product, Retail Genie, that can be integrated with any PoS billing device, irrespective of its operating system and hardware configuration and can be connected to the cloud.	14-May-18 (Graduated in Aug'18)
Tabyy mHealth	Healthcare	Their sensors enabled platform helps patients to have right medicine at right time, report treatment progress and take instant corrective actions. Their AI algorithm improves prescription compliance from the current level of 50% to 90%	01-Jan-17 (Graduated in Aug'18)
Dheeyantra Research Labs	AI/Machine learning	Their product facilitates seamless communication across different languages using Artificial Intelligence, Machine vision and natural language to create pioneering platforms & products	01-Jun-17 (Graduated Sep'18)
Frugal Labs	Edtech	Offers self-paced online courses on IoT and setup IoT labs in educational institutions, Frugal Labs is a technology educational enterprise specialized in providing technical training, skill development and prototyping products.	01-Dec-17 (Graduated in Sep'18)

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Dronetech Innovations	Drones	Hacklab is a space for Hardware Innovations. Hacklab has more than 25 prototypes ready. The motto behind Hacklab is introducing cutting edge technology and advancement in science In India. Hacklab aims in developing low cost Robotic arms that can learn for themselves through artificial intelligence.	01-Apr-18 (Graduated in Sep'18)
FluxGen Engineering Technologies	Energy	Works in the domain of renewable & sustainable energy systems. Their products can be employed in a variety of applications ranging from energy harvesting, resource(energy & water) monitoring, controlling.	15-Apr-17 (Graduated in Oct'18)
SenseGiz	Wearables	Develops multi-functional wearable electronic products which can be used as a smart watch or clipped to clothing for alerts and interaction with mobiles.	15-Jul-17 (Graduated in Dec'18)
Trakray Innovations	Industrial IoT	TrakRay is an Indoor LaaS (Location as a service) company that focuses on developing precise and low power RTLS Hardware/Software solutions based on hybrid wireless technologies	09-Jan-18 (Graduated in Dec'18)
Wispero Networks	Industrial IoT	Has developed a software solution that can be used for detecting vulnerability in BLE networks. The solution can be run on gateways for monitoring connected devices and detect vulnerability in real time.	11-Dec-17 (Graduated in Jan'19)
Embright Infotech	AR/VR	Offers affordable standalone VR/AR/MR headset, inbuild SoC and sensors. Used for education/ business/ medical/ real estate/ entertainment/ live events. Their products also include Sid – the social robot and a Smart Helmet	17-Jan-18 (Graduated in Jan'19)

Start-Up	Domain	Brief	Incubation Start Date
Cardiotrack Uber Diagnostics	**Healthcare**	Cardiotrack is the company's flagship product, it is a network connected electrocardiogram that can be easily installed in public health centers. Health reports can be accessed through tablets, computers, and smartphones	31-Jan-19
Avench Systems	**R&D**	Develops embedded solutions with specific applications for companies. They are primarily involved in outsourcing of R&D of embedded products. Their product offerings include various types of Wi-Fi modules with industrial applications, digital signage player, industrial line camera, GSM modules for industrial products	12-Feb-18
nymble Nymble Labs	**Smart Kitchen**	Nymble Labs is developing a robotic desktop appliance which can prepare Indian dishes and meals. The company claims that the robot would be able to prepare curries and vegetables and take care of end-to-end process of cooking right from peeling the vegetable to preparing the dish	03-Oct-17 (Graduated in Apr'19)
	Drones	Aerologiks provides end to end solution from capturing the image to analyzing it to get actionable results, providing the most comprehensive solution in the uav market. Their solutions include fully autonomous drone platform, Versatile Exchangeable Payloads, surveys and image analysis	09-Oct-17 (Graduated in Apr'19)

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drivebuddy^{AI} Nervanik AI Labs	AI/IoT/Big Data Analytics	DrivebuddyAI is a retro-fit AI enabled IoT Based Driver Monitoring and Assistance System, which brings in new future of smart connectivity and mobility which provides insights in the field of commercial logistics, transport services, road engineering and insurance sector. It's a cutting-edge technology product leveraging Computer Vision, AI and Edge Computing to create a safe environment for vehicles and pedestrian on road. Their solution aims at reducing road incidents, assist drivers to improve productivity and optimize cost and operations for fleets	18-Mar-19 (Graduated in Apr'19)
seeHow SeeHow	Sports	Develops smart cricket ball and mobile app. The cricket ball contains a sensing system that detects information about the ball's motion, spin, impact, position and the air drift	01-Dec-16 (Graduated in Jun'19)
energyly Vidabest Energy Pvt Ltd	Energy	Energyly offers cloud-based application solutions for organizations to help buy energy, manage utility bills, optimize energy consumption and manage peak demand. The company's Emeter Pro Series, is a light industrial electricity monitoring and helps businesses to lower their electricity bill.	15-Jan-18 (Graduated in July'19)
Netobjex	Data Analytics	Provides a cloud-based platform to host and connect IOT devices. Its IOT CMS - Content Management Solution helps in managing a fleet of beacons. Also provides campaign manager, device registry and big data management.	01-Mar-18 (Graduated in August'19)
WISENSE)) WISENSE	Industrial IoT	WiSense offers low power sub-GHz wireless mesh network platform and complete solutions for home, industrial, community and agriculture automation involving sensing and control	01-Jan-17(Graduated in August'19)
SWITCHON.IO Abee Research Labs	Energy	Their solutions provide connections to appliances giving real-time energy & temperature sensing, while it controls and monitors them through web & mobile dashboards. Alerts are pushed to notify administrators if appliances go beyond their nominal specification	16-Oct'17 (Graduated in August'19)

Start-Up	Domain	Brief	Incubation Start Date
Hopstack.io	Enterprise Connect/IoT	Hopstack is a Smart Beacon based location Analytics Platform for all kinds of Physical Businesses. It is an integrated solution combining beacon hardware embedded with telemetry sensors, location engine API, and a Cloud SaaS that enables various types of business to track and analyze assets and personnel in large indoor locations. Beacons powered by Bluetooth Low Energy offer a dramatically efficient and inexpensive solution for companies as compared to the expensive RFID and laborious old Bar-codes.	01-Nov-18 (Graduated in September'19)
Lazy Design Pvt Ltd	AI/IoT	Aina is an AI-powered smart ring that completely changes the way people interact with smartphones. We use AI algorithms to predict what a user needs at any time and display the right shortcut just before the user needs it on the curved edge display of Aina. The user simply swipes in the right direction on the band and the task gets done. Being 70% faster than smartphone touchscreens and 30% faster than voice interfaces, Aina is the fastest human-machine interface to get everyday tasks done.	01-May-19 (Graduated in Oct'19)
Blinkeye Labs	Automotive	Blinkeye Labs is working on an aftermarket automotive safety devices for cars, buses and trucks and helps preventing accidents. The safety device provides forward collision warning, lane departure warning, traffic sign and signal recognition and distracted and drowsy driver warning	18-Sep-18
Senseprise	IoT	Senseprise Technologies is a Tech startup in internet of things domain focusing on Flex office solutions & space management. We help Businesses in reducing the footprint of their real estate thus saving costs & providing great Flexible Space experience to employees.	01-Jan-18
Theranosis Life Sciences	Healthcare	Theranosis develops liquid biopsy solutions for cancer. Its platform uses a biobank of patient-derived tumor tissues and bioinformatic software to develop liquid biopsy solutions. Initial application is to monitor disease recurrence and to diagnose cancer using circulating tumor biomarkers such as tumor-derived exosomes, circulating tumor cells and circulating cell-free DNA	15-Mar-18

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MatrecComm	Telecom	MatreComm Technologies is a startup based out of Bangalore, focussed on products in the area of 5G, 4G, SD-WAN, WiFi and IoT. The key focus of MatreComm is towards the Service Management platforms to manage the networks in these domains.	11-Dec-17
Tesla Radio Systems	Telecom	Development of cellular IoT technology for smart city solutions. For our solution, Low Power Wide Area Networks (LPWAN) approach will be employed. This uses cellular connectivity based on a light-weight LTE technology for communication. The main objective of our solution is for low power and wide reach applications. This will enable the IoT devices to communicate using Internet over long distances and under adverse conditions. Further lower power and lower cost will be achieved by proprietary implementation techniques.	06-Dec-17
Farms2Fork	Agritech	cultYvate is all set to revolutionize the agricultural practices with its automated farming systems. Built on Artificial Intelligence and the Internet of Things (IoT), the farming solution aims at delivering a high-quality crop output. Our smart farming system measures both static and dynamic parameters to deliver accurate irrigation solutions for your crop production cycle. Our smart irrigation system functions on an advanced algorithm, which identifies and regulates water flow to crops.	19-Nov-18
Motocruizer	Automotive	Onn bikes is here to redefine the way you travel! Rent a bike on an hourly, daily, weekly or even monthly basis. We also have long term leasing solutions for businesses who are into last mile delivery through two wheelers.	08-Jan-19
Proptour	AR/VR	We provide commercial real estate solutions that are effective for both buyers and sellers for swift decision making and avoiding unnecessary travel . Time , money and right marketing for the product.	01-Aug-18

Start-Up	Domain	Brief	Incubation Start Date
Edel Smart Devices	**Smart Buildings**	EDEL Smart Devices develops smart switches and dimmers for home automation applications. The switches and dimmers developed by the company can communicate with a central controlling unit (HUB) using protocols like IR, Bluetooth etc. The company also developed an IR-based remote control for controlling the switches and dimmers. The company provides companion app that allows the user to set timers, preferences and remotely control the switches. Various sensors like light, temperature and humidity can also be used with the switches for fully automating the switch functionality.	01-Aug-18
Invento Makerspace	**Robotics**	Mitra With the ability to move around on its own, recognize people from their faces and the ability to converse with them, you can build a range of new interfaces on top of the Mitra. With Mitra's AI capabilities you can understand more about your customers and engage them better leading to better sales and customer satisfaction. Unlike humans the robots maintain context across your different locations and provide a patient service.	06-Aug-19 (Graduated in Nov'19)
Vitor Healthsciences	**Healthcare**	Chkitsak Life Sciences is building a bluetooth enabled device that screens metabolic diseases, cardiovascular diseases, visual acuity and obesity in remote areas. Screening is performed on foot health workers capturing height, weight, BMI, heart rate, ECG, blood pressure, blood sugar, oxygen saturation and tests for your vision. Only FDA and CE compliant, bluetooth enabled devices are used. The screening data is available as print, SMS and electronic records. This data is stored in an enterprise-class cloud based EMR system for an anywhere, anytime retrieval. The product was one of the finalists of the Unitus Seed Fund StartHealth Competition 2015.	03-Jul-19 (Graduated in Dec'19)
Plugo India Pvt. Ltd.	**Energy**	India's first smart & fully automated power bank rental service. Network of internet-connected vending terminals to dispense power banks. The terminals can easily be viewed in real time on the Plugo APP. Integrated payment system for one click renting.	04-Jul-19 (Graduated in Jan'20)