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Rank	Registration Number	Organisation Type	Organisation Name	Name of The Team leader	Processor Type <sup>1,2</sup>	FPGA Board Type <sup>3</sup>	Project Title
1	8841823	Start-up	SandLogic Technologies Pvt. Ltd, Bangalore	Darshan C Ganji	SHAKTI Vajra (C64-A100)	Dilgilent Nexys Video	Bring Deep learning and Computer vision capabilities to Shakti Vajra SoC by adding
						(Artix-7 XC7A200T)	Neural processing engine, MIPI-CSI2 interface and Video processing pipeline.
2	8866873	Start-up	Avrio Energy Private Limited, Gurgaon	Ankit Chouhan	VEGA AS1061	Artix7-100T	Next-generation AI Smart Meter with Energy Intelligence at Edge
3	8808293	Start-up	Astrek Innovations, Kannur	Robin Kanattu Thomas	VEGA ET1031	Artix7-35T	Rehabilitation Exosuit with Motion transferring Mechanism
4	8865523	Educational Institute	Rajiv Gandhi University of Knowledge Technologies, East Godavari	Ogireddy Naga Ramya	SHAKTI Pinaka (E32-A35)	Artix7-35T	SMART IRRIGATION USING FPGA
5	8812513	Start-up	Neoperk Technologies Pvt. Ltd., Thane	Satyendra Gupta	VEGA ET1031	Artix7-35T	An IoT device for rapid in-situ agricultural soil testing
6	8812453	Educational Institute	L.D. College Of Engineering, Ahmedabad	Rudri Pandya	VEGA AS1061	Artix7-100T	loT based STP with Remote Water Quality Monitoring Using Data Science and
							Machine Learning with Wireless Communication Methods between nearby Nodes.
7	8856743	Start-up	Evyug Technology Pvt. Ltd. Aurangabad	HARITA Uppal	SHAKTI Pinaka (E32-A35)	Artix7-35T	Automatic Water Quality Monitoring for Consumers and Enterprises.
8	8294023	Start-up	HW Design Labs Pvt Ltd, Kochi	Jayakrishnan A L	SHAKTI Pinaka (E32-A35)	Artix7-35T	FM RDS Utilities
9	8859673	Educational Institute	Indian Institute of Technology Indore	Gopal R Raut	VEGA AS1061	Artix7-100T	Semi-Autonomous Drones for Terrain Monitoring and
							Identification of Terrain Modifying Actors
10	8840003	Others	Individual Innovator, Bangalore	Sreekanth Nayak	VEGA ET1031	Artix7-35T	Affordable and accessible Healthcare solutions
11	8854473	Others	MicroX Labs, New Delhi	Harpreet Singh	SHAKTI Vajra (C64-A100)	Kintex-7 KC705	HomeCyte- At home solution for monitoring infections and
							internal bleeding in chemotherapy patients
12	8899543	Others	Individual Innovator, Gautam Buddha Nagar	Soumitra dey	SHAKTI Parashu (E32-A100)	Artix7-100T	SWADESHI CUBE SATELLITE (CubeSat) - DESIGN & DEVELOPMENT
							OF 1U – CubeSatellite ( LoRa based IOT) Callsign : SHAKTISAT-1
13	8807633	Start-up	Digi2O Information Solutions Pvt Ltd, Chennai	Dipankar Ghosh	SHAKTI Parashu (E32-A100)	Artix7-100T	DIDA: Digital Information for Diagnostics and Analytics as
							applied to electrical and electronic circuits of automobile vehicles
14	8813713	Others	Innovator - Team, Nagpur	Krunal Rajendra Bhongade	VEGA ET1031	Artix7-35T	Automatic Tracking System for Concentrated Reflectors and Photovoltaic Array
15	8856373	Others	Sevenkey Technologies Pvt Ltd, Visakhapatnam	Venkat Bokka	VEGA ET1031	Artix7-35T	IoT-based low-cost 12-lead precision ECG instrument
16	8859923	Educational Institute	Vivekanand Education Society Institute of Technology, Thane	Asma Parveen I Siddavatam	SHAKTI Parashu (E32-A100)	Artix7-100T	Calibration System for Nuclear Spectroscopy Applications
17	8808013	Educational Institute	Indian Institute of Technology Hyderabad	Rashi Dutt	SHAKTI Vajra (C64-A100)	Artix7-100T	IoT oriented Battery Management System for real-time and accurate
							Battery State and Health Monitoring targeting renewable energy applications.
18	8815523	Others	Individual Innovator, Kangra	Prabhat Thakur	SHAKTI Pinaka (E32-A35)	Artix7-35T	Multirole UAV for surveillance and small cargo delivery
19	8860793	Educational Institute	KLE Technological University, Dharwad	Saroja V Siddamal	VEGA ET1031	Artix7-35T	IoT based Smart Power Monitoring and Controlling Plug
20	8799113	Others	Mindgrove Technologies Pvt Ltd, Chennai	Sharan Srinivas J	SHAKTI Vajra (C64-A100)	Artix7-100T	Software-Defined Ground Penetrating Radar
21	8782153	Start-up	InstantPost Printers and Scanners Private Limited, Lucknow	Akhil Mohan	VEGA AS1061	Artix7-100T	AutoMagic
22	8816553	Educational Institute	Dayananda Sagar College of Engineering, Bangalore	Chirag Chinvar	VEGA AS1061	Artix7-100T	Fleet Monitoring System
23	8156663	Educational Institute	Shri Ramdeobaba College of Engineering and Management, Nagpur	Sangeeta Dnyaneshwar Palekar	SHAKTI Parashu (E32-A100)	Artix7-100T	Design and development of SpectroProcessor for Biomedical Applications
24	8863803	Educational Institute	Vellore Institute of Technology, Chennai	Shwetha S	SHAKTI Parashu (E32-A100)	Artix7-100T	Wireless Maternal Health Monitoring
25	8861333	Educational Institute	Visvesvaraya National Institute of Technology, Nashik	Mayank Bumb	SHAKTI Vajra (C64-A100)	Artix7-100T	Anti-Theft GeoFencing based Locking system(ATGLS)
26	8801853	Start-up	AiDrone Pvt. Ltd., Pathanamthitta	Ani Sam Varghese	VEGA AS1061	Artix7-100T	Fault Tolerant Reliable Integrated Avionics System for Drones
27	8817933	Start-up	Xfinito Biodesigns Private Limited, Bangalore	Nair Siddharth Shivakumar	VEGA ET1031	Artix7-35T	A Smart Footwear & Insole System for Preventing Diabetic Foot
							Ulcer & Support Monitoring Progression of Diabetic Neuropathy
28	8896933	Start-up	Maitri Innovation Lab, Ambala	Prateek Chopra	VEGA ET1031	ARTIX-35T	Digitisation of Water Supply Infrastructure
29	8793013	Start-up	Revoh Innovations Pvt Ltd, Chennai	Vignesh Durai	SHAKTI Pinaka (E32-A35)	Artix7-35T	BLDC Controller
30	8838983	Educational Institute	Faculty of Technology and Engineering, Vadodara	Toms Jiji Varghese	SHAKTI Pinaka (E32-A35)	Artix7-35T	Emerging Technologies

1. SHAKTI Processor By IIT Madras

2.VEGA Processor By C-DAC

3. ARTIX7-100T and ARTIX7-35T FPGA Board by Xilinx







