Value Chain for products- at Bhadale IT

Sl.No	Strategy	Objectives	Initiatives	Outputs generated from initiatives	Related program /projects	Program / project Deliverables / Output	Outcomes	Benefits (Intermediate or End)	Value (Tangible / Non Tangible)	Impact/ Goal	Key metrics to measure value	Key clients/ value consumers
1	Improved agri production and productivity	Improvement of farmers standards	Technology transfer to farmers	Product catalogues for newer services	Agri sector	Project 1: Farmer's climate aid app	Farmers improved gains	Wealth of farmer increased	$10,000 RoI for $2500 investment in our service	Reduced debt, external borrowing	RoI improved by 25% by using our services	Farmers, rural estates
2						Project 2: Precision agriculture/satellite farming aids						
3						Project 3: Agricultural tube farming aids						
4	To enable various players like researcher, scientist, trainer, and seller to get the best value from AI	Improve the AI capabilites	Imparting quality products in AI to consumers using various modes like selling, demos, POC	POC and datasheets of the AI products that we have or will develop+ AI Robotics Products Catalogue	AI-Robotics	Project 1: AI based Multi-agent system package	AI project development time and ambiguities reduced	Cost savings	$10,000 RoI for $2500 investment in our service	Reduced debt, external borrowing	RoI improved by 25% by using our services	IT Managers, AI Programs, AI shops
5						Project 2: Concordance software for text discovery and analysis (using hash table)	AI based text analysis project development time and ambiguities reduced	Cost savings	$10,000 RoI for $2500 investment in our service	Reduced debt, external borrowing	RoI improved by 25% by using our services	IT Managers, AI Programs, AI shops, Developers
6	To enable automobile industry OEM to get the AI and digital cloud benefits	Improvements in manufaturing process	Design and assist OEM in their process	Components, software modules, interfaces + Automobiles Products catalogue	Automobile	Project 1: Manufacturing Robotic process automation system						

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7						Project 2: Electric car intelligent computer aids
8	Improved avionics and flight management using AI & digital cloud	To make better control and prediction for maintenances, flight delays	Design of integration cloud interfaces and plugins for AI/ML	AI components, interfaces, + Aviation Industry Products catalogue	Avionics	Project 1: Aircraft delay analysis system
9						Project 2: Engineering Test rig
10						Project 3: Avionics units' software test kit
11					BFSI	Project 1: Bit coin and crypto currency system
12						Project 2: Anti-Quantum hacker aids
13					BioTechnology	AI / ML based inference engines
14						AI based bioengineering devices / algorithms
15					Data Center Products	Smart Nano computing system
16						Wireless Nanosensor Networks (WNSN)
17						Edge cloud / fog computing for big data workloads
18					Defense Industry Products	Intelligent Army suite system
19						Force fields system

20						Stealth technology kit					
21					Dress Material Industry Products	Intelligent dress material					
22						Intelligent exoskeletons					
23					Education Industry Products	Adaptive learning kit					
24						Emerging Business learning system					
25					Engineering Industry Products	AR/ VR / Mixed reality for augmented engineering devices system					
26						Intelligent adaptable PLM					
27						Digital TV home automation with Virtual AI assistant					
28						5G enabled AI based products for cloud and IoT engineering systems					
29						AI enabled CAD/CAM/CAE					
30						Predictive Maintenance system					
31						Smart grid /Micro grid intelligent gadgets					
32						Smart Sensors for various form factors and models					
33					Geology, Mining Industry Products	Intelligent GIS and mining system					

34					Govt, Citizen Sector Products	Multi-Agent System for Natural Disaster management						
35						Smart city cyber physical systems						
36					Green , Env. Tech Products	Clean Tech systems / gadgets						
37					Health and Life Science Products	Intelligent Health monitoring systems						
38						Smart Diagnosis system						
39					Hi Tech Industry Products	Voice driven AI technology system						
40						Intelligent Digital twin system						
41					Home office, furnishing Products	Solution Café						
42					Hospitality,Hotel, Tourism Products	Intelligent Hotel reservation management system						
43						MAS based TAGA trading agent system						
44						Intelligent Food quality testing kits						
45						Intelligent Traveler's bots /kits						
46					HR, Career management Industry Products	Resume shortlister AI agent system						
47					IT-BT & BPO Products	Intelligent routing and resolution system						

48					Law & Justice Industry Products	Intelligent Lawyer system					
49					Manufacturing Industry Products	Intelligent Industry 4.0 robotic system					
50						Collaborative Robot cell safety system					
51					Oil & Gas Industry Products	Intelligent GIS analysis system					
52						Intelligent Digital platform					
53						Intelligent refinery using nano and bio-sensors					
54					Pharma Industry Products	Intelligent Drug Discovery system					
55					Power supply, Energy Products	Smart grid system					
56						Smart digital energy meter					
57						Nano wired battery kit and Micro-batteries					
58					Retail, FMCG Sector Products	Intelligent shopper's system					
59						Remote food originality tester					
60					Social sector Products	Intelligent Social security system					
61						Intelligent self-empowerment system					
62						Intelligent Govt. policy advisor system					

63					Space Industry Products	Space robots - Builder robot					
64						Explorer robot					
65						Farming robot					
66						Space Cobot					
67						Space Technician					
68						Robot Doctor					
69						Space Vehicle					
70						Space soldier					
71					Telecom Industry Products	Intelligent Telco Resource Management system					
72						Mobile Ambient Intelligent system					
73					Transport Industry Products	Intelligent Telemetry system for multi-modal vehicles					
74						Intelligent Transport and logistics tracking					
75						Cognitive Travel system					
76						Cognitive Driver's aid					
77						Intelligent traffic Management system					
78						Intelligent Drones' Order dispatch system					