BHADALE GROUP

PRODUCTS CATALOGUE

Product related services

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AGRI PRODUCTS

- 1. Farmer's climate aid
- 2. Precision agriculture/satellite farming aids
- 3. Agricultural tube farming aids
- 4. Smart Agriculture farm safety
- 5. Smart Agriculture crop safety
- 6. Smart Agriculture processing
- 7. Smart Agriculture storage

AI PRODUCTS

- 8. AI based Multi-agent system package
- 9. Concordance software for text discovery and analysis

AUTOMOBILE PRODUCTS

- 10. Manufacturing Robotic process automation system
- 11. Electric car using a solid state hybrid battery

AVIATION PRODUCTS

- 12. Aircraft delay analysis using big data with R
- 13. Engineering Test rig
- 14. Avionics units software test modules
- 15. Smart flight safety
- 16. Smart passenger travel
- 17. Smart fleet maintenance
- 18. Smart digital twins
- 19. Smart ticketing, cargo tracking, delivery

DATA CENTER-COMPUTING PRODUCTS

- 20. Smart Nano computing system
- 21. Smart Quantum Cryptography
- 22. Wireless Nanosensor Networks (WNSN)
- 23. Edge, fog computing

DEFENSE PRODUCTS

- 24. Intelligent Army suite system
- 25. Force fields systems
- 26. Stealth technology kit

EDUCATION PRODUCTS

- 27. Predicting Grant Applications using Spark's machine learning
- 28. RPN Calculator (using C)
- 29. Simple Math Calculator (using Java and JavaScript)
- 30. Hangman game (using Java)
- 31. Graph nodes reachability analysis software (using DFS, BFS)
- 32. Dynamic Tree node management (using BST and node traversals)
- 33. Adaptive learning kit
- 34. Emerging business learning systems

ENERGY PRODUCTS

- 35. Smart metering system
- 36. <u>Digital Energy meter</u>
- 37. Smart grid system
- 38. Nano-wired battery
- 39. Hybrid energy system interfaces and massive storage systems
- 40. Micro-batteries charged by everything from buildings to our bodies

ENGINEERING PRODUCTS

41. Digital TV

DRESS PRODUCTS

42. Intelligent dress material

GAMING & ENTERTAINMENT PRODUCTS

43. Shape generator for Games using Computer Graphics

GOVERNMENT PRODUCTS

- 44. Multi agent system for natural disaster management
- 45.Smart City cyber physical systems

GREEN ENVIRONMENT PRODUCTS

46. Clean Tech systems

HEALTHCARE / LIFESCIENCE PRODUCTS

- 47. Intelligent Health monitoring systems
- 48. Smart Drug delivery
- 49. Smart nano coatings
- 50. Smart anti-microbial technologies
- 51. Smart medical batteries
- **52.** Intelligent EHR services
- 53. Intelligent Doctor, physician services
- 54. Intelligent solutions for dental services
- 55. Intelligent paramedic services
- 56. Smart Diagnosis systems

HI TECH PRODUCTS

- 57. Voice driven AI technology system
- 58. <u>Intelligent Digital twin system</u>

HOSPITALITY PRODUCTS

- 59. Intelligent Hotel reservation management system
- 60. MAS based TAGA trading agent system
- 61. Intelligent food quality testing system
- 62. Intelligent Traveler's bots

HR PRODUCTS

63. Resume shortlister AI agent system

IT-BT PRODUCTS

64. Intelligent routing & resolution system for a Call Center

LAW PRODUCTS

65. Intelligent Lawyer system

MANUFACTURING PRODUCTS

- 66. Intelligent Industry 4.0 robotic system
- 67. Collaborative Robot Cell safety system
- **68.** Smart manufacturing robots
- 69. Smart manufacturing virtual assistant
- 70. Smart manufacturing inventory intelligence
- 71. Smart manufacturing plant automation
- 72. Smart manufacturing scheduling
- 73. Smart manufacturing process automation
- 74. Smart manufacturing quality intelligence
- 75. Smart manufacturing product ideas
- 76. Smart manufacturing niche industry solutions

RESEARCH PRODUCTS

- 77. Experimental claytronics
- 78. Molecular electronics digital technology
- 79. Programmable matter
- 80. Using The Internet For Hardware Downloads Not Just Software
- 81. Nanobots brain plug-ins for the cloud
- 82. Gene therapy for deafness
- 83. Next Tech or NT aids, integration and systems
- 84. Early Clustered Regularly Interspaced Short Palindromic Repeats (CRISPR) gene editing technology

RETAIL PRODUCTS

- 85. Smart retail SCM
- 86. Smart retail inventory and anti-theft system

- 87. Smart retail shopping recommender
- 88. Smart retail warranty
- 89. Smart retail safety
- 90. Smart retail logistics
- 91. Smart FMCG
- 92. Smart retail innovations

SECURITY PRODUCTS

- 93. Anti-theft detectors for business online details safe
- 94. Personal security kit for personal-family safety and safety of assets
- 95. Personal defender kit for early warning and self defense
- 96. Nanotech sensors for preventing individual and group terrorism

TELECOM PRODUCTS

- 97. Intelligent Telecom resource management system
- 98. Mobile Ambient intelligent system
- 99. 5G planning, migration services
- 100. Network planning
- 101. Network infrastructure implementation
- 102. Telco software design
- 103. Cloud integration services
- 104. Smart Telco NW
- 105. Smart Telco virtual assistants
- **106. Smart Telco Inventory**
- 107. Smart Telco predictive maintenance
- 108. Smart Telco process automation
- 109. Smart Telco industrial solutions

TRANSPORT PRODUCTS

- 110. Intelligent Telemetry system for multi-modal vehicles
- 111. Intelligent Transport and logistics tracking
- 112. Cognitive Travel system
- 113. Cognitive Driver's aid
- 114. Intelligent traffic Management system
- 115. Intelligent Drones' Order dispatch system

BANKING PRODUCTS

- 116. Bit coin and crypto currencies
- 117. Anti-quantum hackers aids

CO-WORKING PRODUCTS

118. Solution Café - personalized co-working space