Company Name: HANBEE TECHNOLOGIES PRIVATE LIMITED

Founding Date: April 28, 2023

Registered Date: January 25, 2025

Founder: Aravindhan K, Founder

Headquarters: Chengalpattu, Tamil Nadu, India

Mission Statement: Empowering the next generation of innovators through robotics education and competition.

Business Overview:

Hanbee Robotics Combat (HRC) is a pioneering organization that combines robotics education with exciting competitions. Our primary objective is to equip students with essential skills in robotics, STEM education, and innovation, preparing them for a technologically advanced future.

Products/Services:

- Basic Level Robots for Students: Professionally designed and manufactured robots for educational purposes.

- Advanced Robots for Students: High-end robots with AI, machine learning, and IoT integration.

- Robotics Education Programs.

- STEM Education Resources.

- Artificial Intelligence and Machine Learning Courses.

- Internships and Training Programs.

- Job Opportunities in Robotics and Related Fields.

Business History:

- Early Development (2022-2023):

- Conducted research and market analysis

- Collaborated with educators, industry experts, and robotics enthusiasts

- Developed a prototype platform and business plan

- Launch and Growth (2023-Present):

- Successfully launched pilot competition and educational program

- Established partnerships with leading robotics manufacturers and education institutions

- Developed robust online platform for competitions, education, and community engagement

- Built team of experienced educators, marketers, and developers

- Expanded operations to cities/countries

Early Development (2022-2023): Prior to founding Hanbee, Aravindhan:

1. Conducted research and market analysis

2. Collaborated with educators, industry experts, and robotics enthusiasts

3. Developed a prototype platform and business plan

Launch and Growth (2023-Present): HRC officially launched on April 28, 2023, with a successful pilot competition and educational program rollout. Since then:

1. Established partnerships with leading robotics manufacturers and education institutions

2. Developed a robust online platform for competitions, education, and community engagement

3. Built a team of experienced educators, marketers, and developers

Milestones:

1. Launch of STEM education resources.

2. Partnership with Hayathbee A, Madhavarajan V.

3. Achievement of 16,000 registered users/members.
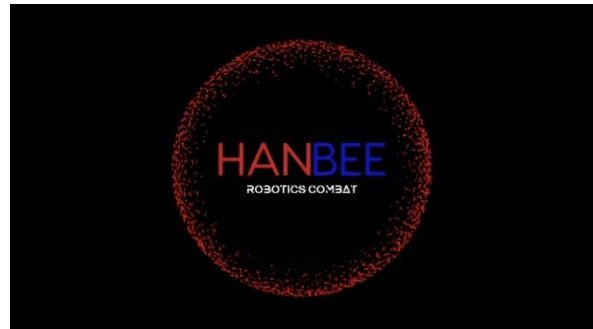
Future Plans: HRC aims to:

1. Expand global operations.

2. Develop strategic partnerships with industry leaders.

3. Launch new educational programs and competitions.

4. Foster a community of robotic enthusiasts and educators.

Team:

1. Mr. Aravindhan K, Founder

2. MS. Hayathbee A, Co-Founder

3. Mr. Hamza Aslam, CTO

4. Mr. Madhavarajan V, CMO

Tournaments:

- Frequency: Bi-annual (twice a year).

- Format:

  - Regional competitions: Held in various cities across India.

  - National finals: Top teams from regional competitions compete.

- Categories:

  - Junior (ages 8-12): Focuses on basic robotics and programming concepts.

  - Senior (ages 13-18) and (ages 18-25): Emphasizes advanced robotics, AI, and machine learning.

- Prize Structure:

  - Cash prizes for winning teams.

  - Trophies and certificates for participants.

Tournament Categories:

1. Red Team Tournament (Advanced): For experienced robotics enthusiasts, focusing on advanced robotics, AI, and machine learning.

- Eligibility: Ages 13-18, 18-25, experienced robotics enthusiasts.

- Challenges: Complex robotics challenges, AI-powered tasks, and machine learning applications.

- Prize Structure: ₹1,00,000 cash prize and trophy.

2. Blue Team Tournament (Basic): For emerging talent, focusing on basic robotics and programming concepts.

- Eligibility: Ages 8-12, beginner robotics enthusiasts.

- Challenges: Fundamental robotics challenges, programming tasks, and sensor-based applications.

- Prize Structure: ₹50,000 cash prize and medal.

Tournament Schedule:

- Quarterfinals: Team vs. Team (Best-of-Three).

- Semifinals: Winning teams from Quarterfinals (Best-of-Three).

- Finals: Winning teams from Semifinals (Best-of-Five).

Prize Structure:

- Champions: ₹50,000 cash prize and trophy.

- Runners-up: ₹25,000 cash prize and medal.

- Participation Certificates: All participants.

Rules and Regulations:

1. Participation: Open to students from registered schools.

2. Team Composition: 2-5 members per team.

3. Robot Design: Robots must be designed and built by team members.

4. Safety Standards: Robots must comply with safety guidelines.

Code of Conduct:

1. Respect: Opponents, judges, and event staff.

2. Safety: Follow safety guidelines.

3. Fair Play: No sabotage or intentional damage.

Partnerships:

We collaborate with leading robotics manufacturers, education institutions, and industry experts to provide cutting-edge resources and expertise.

Education Programs:

Our comprehensive education programs include:

- Robotics fundamentals

- Programming languages (e.g., C++, Python)

- Artificial intelligence and machine learning

- STEM education resources

Career Opportunities:

We offer:

- Internships

- Training programs

- Job opportunities in robotics and related fields

Hanbee Robotics Combat Features:

1. Modular Design

2. Customizable Armor

3. Advanced Sensors (infrared, ultrasonic, GPS)

4. AI-Powered Machine Learning

5. Durable Construction