Abedai National Robotics, AI & IoT Challenge

Abedai Technologies (Private) Limited

ANRAIC In Detail

Zimbabwe's Premier National STEAM Innovation Ecosystem

ANRAIC I

ANRAIC II

CHANNEL

Unconstrained Technological innovation

Get Started

Abedai Technologiees (Private) Limited

What Is ANRAIC?

- Abedai National Robotics, Artificial intelligence (AI) and Internet of Things (IoT) Challenge.
- Zimbabwes talent pathway, from education → industry → business.

Officially Opened by the Ministry of ICT, Postal and Courier Services

Leadership | Talent | Action

Innovation | Opportunity

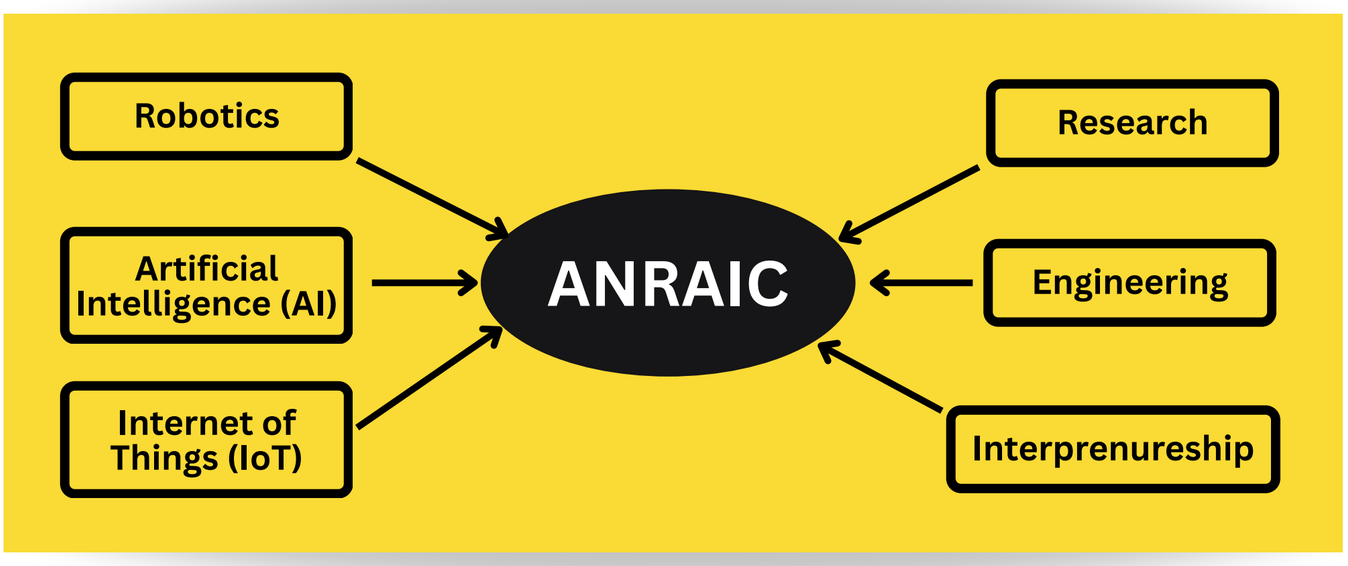




ANRAIC

A National Innovation Ecosystem

ANRAIC is a structured platform where learners, educators, institutions and innovators solve real-world problems using emerging technologies.



ALL ABOUT ANRAIC

ANRAIC IS WHERE PARTICIPANTS BUILDS , PLAY & WIN

FROM PROTOTYPE TO IMPACT

→ PROBLEM
→ IDEA
→ RESEARCH
→ PROTOTYPE
→ COMPETITION
→ MENTORSHIP
→ INCUBATION
→ COMMERCIALISATION

Robotics | AI | IoT

Hackathons | Challenges



THE ANRAIC JOURNEY

Abedai School Robotics, AI & IoT Challenge
ASRAIC - School Level

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Abedai Cluster Robotics, AI & IoT Challenge
ACRAIC - Cluster Level

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Abedai District Robotics, AI & IoT Challenge
ADRAIC - District Level

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Abedai Provincial Robotics, AI & IoT Challenge
APRAIC - Province Level

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Abedai National Robotics, AI & IoT Challenge
ANRAIC - National Level

- Free Club Settup Facilitation
- Free Trainers Workshops

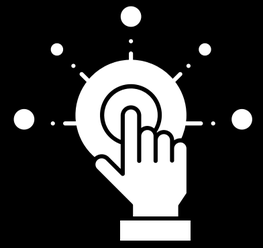
- Students Competes at Cluster Level
- Winners Proceeds to District Level

- Students Competes at District Level
- Winners Proceeds to Provincial Level

- Students Competes at Provincial Level
- Winners Proceeds to National Level

- Presidential Innovation Showcase
- Commercialized Prototypes

Learn → Build → Compete → Innovate → Commercialise



POST ANRAIC

PRAIIS AI Strategy Key Pillar

Presidential Robotics, AI & IoT Innovation Showcase (PRAIIS)

- Project Pangolin
- Nzwisiso AI Campaign
- Innovation Crucible
- National AI Innovation Fund

ANRAIC maps National AI Strategy

- Pillar 1 — Talent & Capacity Development
- Pillar 3 — Adoption & Service Transformation
- Pillar 5 — Research, Development & Innovation

ABOUT ANRAIC THEMES

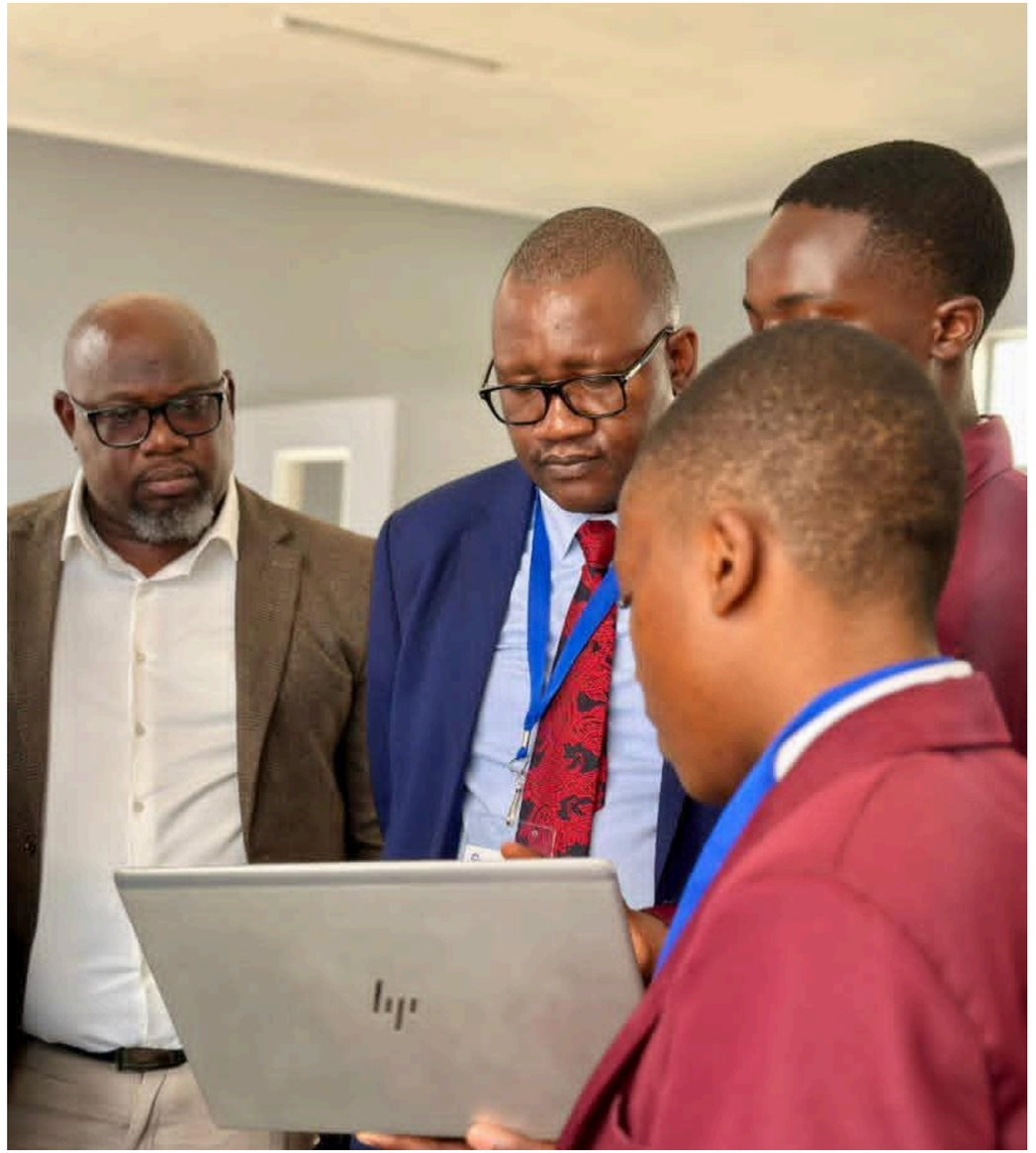
- **Themes:** To address common problems within the listed key pillars of development.

Agriculture | Mining | Health

Transport | Construction

Education | Arts | Sports

Tourism | And More++



ANRAIC COMPETITION PROJECTS

1. **CRASH 'N DIE™**

Robot Soccer - Build your bot, play to score and win.

2. **ABEDILOOP™**

Digital Wireloop - Precisely beat time and win before heartbeat.

3. **SMART AEROMAZE™**

Build your drone, complete the maze on time to win.

4. **ZIM-BATTLEBOTS™**

Battle Bots - Build your smart bot, crush your enermy to win.

5. **Zimbabwe Virtual Heritage Hackathon (ZVH)**

Digital Heritage Hackathon Game through Virtual Reality Googles.

6. **ANRAIC THEME**

Prototyping following a theme to solve problems using Smart skills.



Prizes

- Cash Prizes
- Medals
- Trophies
- Certificates
- Gifts
- Commercialized Projects
- International Trips
- Awards

Who can Contribute

Companies

Sponsors

Ministries

Individuals

Collaborators

WHO CAN PARTICIPATE?

- Infants - Below 7 years old
- Junior - 8 to 13 years old
- Senior - 14 to 18 years old
- Tertiary Students
- Community Clubs/ Members
- Companies

Exposure

Trust

Action

Communication

Collaboration





WHY IT MATTERS TO ZIMBABWE?

- ANRAIC aligns innovation with national priorities, to enhance major economic development through empowering young and fresh mindsets to innovate outside the book, accross all major economic pillars i.e Agriculture, Mining, Health, Construction, Transport etc.
- ANRAIC aligns innovation with national priorities.

1. HERITAGE-BASED EDUCATION
2. EDUCATION 5.0
3. NATIONAL AI STRATEGY 2026–2030
4. RESEARCH & DEVELOPMENT
5. INDUSTRIALISATION & COMMERCIALISATION



Thank You.

Research → Mentorship → Incubation → Commercialisation.

ANRAIC I ANRAIC II

CHANNEL

Robotics | AI | IoT

ANRAIC III 2026