



technology innovation

A G E N C Y

Innovating Tomorrow Together

INNOVATION SKILLS DEVELOPMENT

TIA's Innovation Skills Development Programme (ISD) aims to strengthen Critical Thinking Skills for people behind innovations. ISD provides skills to enable technology progression from ideation to pre-commercialisation to ultimately impact on national development. ISD addresses the strong need for flexible and innovative learning approaches within the NSI.

Provide skills to enable technology progression

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INNOVATION SKILLS DEVELOPMENT



OFFERINGS

FUTURE 500 Innovators

- Internships for future skills and work-based learning. The direct objective is to develop young black South African scientists, engineers and related career disciplines.
- Tailored to fast track development and employability in technology organisations. Mentored internships comprise a range of experiential and formal training in an innovation boot camp.
- Scarce skills are addressed through specialised internships; by developing practitioners for technology transfer and commercialisation.

Next Generation 100

- Next Generation 100 makes an impact through the development of entrepreneurial capacity by turning theoretical research and innovation into successful technology opportunities.
- Offering platforms for knowledge/skills transfer in technology entrepreneurship through mentorship and opportunities for local and global venture capital funding. International collaborations include France, Germany, UK, India, Canada, Hong Kong, Switzerland and Silicon Valley.

Systemic Level and Social Innovation

At a systemic level, ISD impacts in the triple helix model by attracting new partners from industry, government, academia, and communities for social impact. Examples are the Emerging e-Waste industry with the Department of Environmental Affairs, SATN, DST, CSIR, industry and communities. Interventions include:

- Foresight Leadership Innovation Programmes to capacitate the public services sector through the Train the Trainer programme.
- In partnership with the National Community Colleges, an e-learning platform (Skillzbook) has been developed. It capacitates the unemployed youth with a Continuous Professional Development Programme (CPD) curriculum, including Critical Thinking Skills Level 1-4.
- Workshops and mentored webinar system capacitates previously disadvantaged universities, including African universities; Technology Transfer Offices and Incubators in the NSI space.