NAST Conference Breakaway Session Feedback Template

**Theme: Innovating Technical Education for a Changing World**

**ELECTRICAL technology: POWER SYSTEMS**

Facilitator Name: ANDREW NKWANA

Rapporteur Name: Mulaudzi Ramagalela

Group Number: E6

Date: 01 July 2025

Session Topic (Extension):

## 1. Aligning Curriculum with Industry Needs

How can technical education align the curriculum with industry's needs?  
Please provide practical strategies and planning for improved relevance and responsiveness.

**Group Insights & Recommendations:**  
-align curriculum with technical trade-QCTO technical trade occupation  
- Align resources to what is needed in the industry  
- notional time must be adjusted to give more time for practicals

-universities programmers must align to the curriculum in basic education

- Mentorship programmes which include artisans, experienced and new technical teachers

## 2. Addressing Teacher Shortages in Specialized Technical Subjects

Specific ideas and suggestions to address teacher shortages in specialized technical subjects.  
Consider recruitment, training, and retention strategies based on current realities.

**Group Insights & Recommendations:**  
- Getting artisans to become teachers   
- Increasing the salary for technical teachers to attract artisans  
- Good working conditions

-Technical schools must be led by principals with good technical backgrounds

-Professional development is required to retain educators in the education system

-advocacy is needed in terms of recruitment.eg conducting roadshows in high schools to conscientize learners about technical teaching.

## 3. Enhancing School-Industry Partnerships

How can technical schools participate in and benefit from school-industry partnerships?  
Include workplace exposure opportunities for learners.

**Group Insights & Recommendations:**  
-Teachers/technical schools must identify sectors/businesses/industries that are close by.  
- Schools need to build good profiles for themselves in order to attract partners  
- Building partnership with local Higher institutions of learning

-Find a way of selling services/products to industries

## 4. Gaining Recognition as Special-Focus Schools

How can technical schools gain greater recognition as special-focus schools?  
Explore branding, policy, and community engagement approaches.

**Group Insights & Recommendations**:  
-Schools need to build good profiles for themselves to attract partners  
- Building partnership with local Higher institutions of learning

-Find a way of selling services/products to industries

-Teamwork, commitment, culture of learning and teaching are very important in schools

-Schools should be relevant to the needs of the community in terms of specialization choice  
- There should be interaction between the community and the school to protect school facilities

## 5. Integrating eLearning in Practical Subjects

Will the integration of eLearning platforms in practical subjects be effective?  
How can we prepare for this future-oriented shift? Identify tools, training needs, and implementation steps.

**Group Insights & Recommendations:**  
- ICT integration to enhance teaching and learning  
- Digital skill training

- WhatsApp group chats

-Training online

-laptop, data projector, WIFI connection/internet connectivity

-digital literacy training

-training on online tools for drawing

## Summary of Group Feedback

Top 3 Recommendations:  
1. ICT training  
2.   
3.

Challenges Identified:  
-   
-   
-

Proposals Worth Scaling or Piloting:  
-   
-   
-