

Getting to grips with STEM teaching and learning in South African TVET colleges



A presentation by Jyoti Singh

8th Pan African TVET Colleges Conference

How do you spell 'problem'?



O-P-P-O-R-T-U-N-I-T-Y



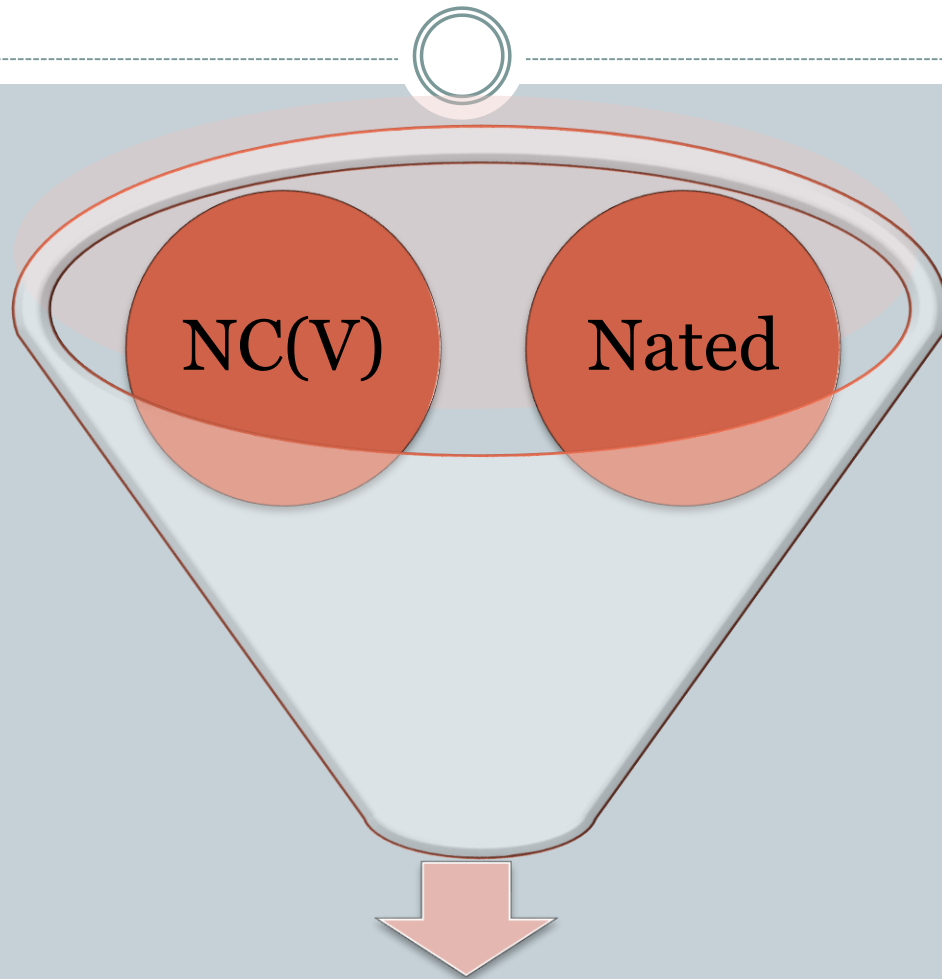
Ye olde TVET publishing house



Publish a **Student's book**, but **market and sell it to the Lecturer!**



What happens at a TVET College?



Employment?

The *reality* is a little different...



Maths, Physics?



Changing perceptions...



Mr Asokgan Archary



Mr Simamkele Danny
Somerset

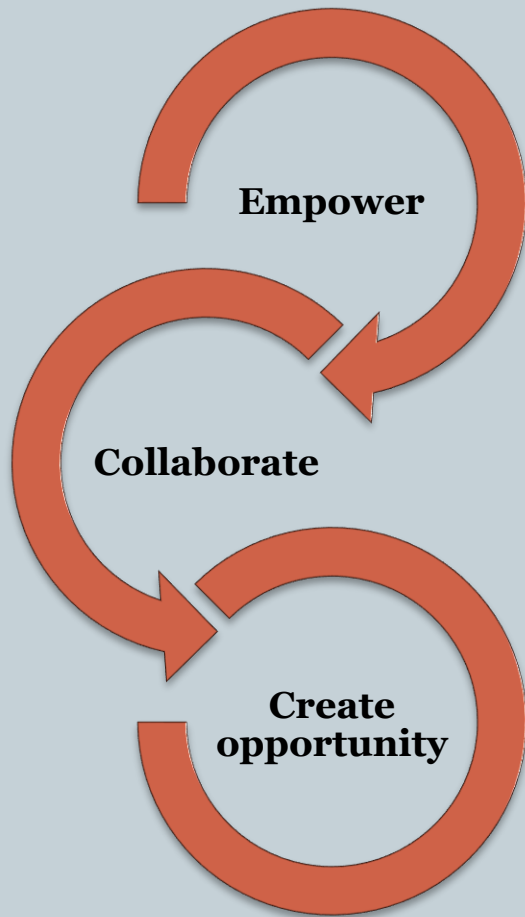


The Future is Digital!

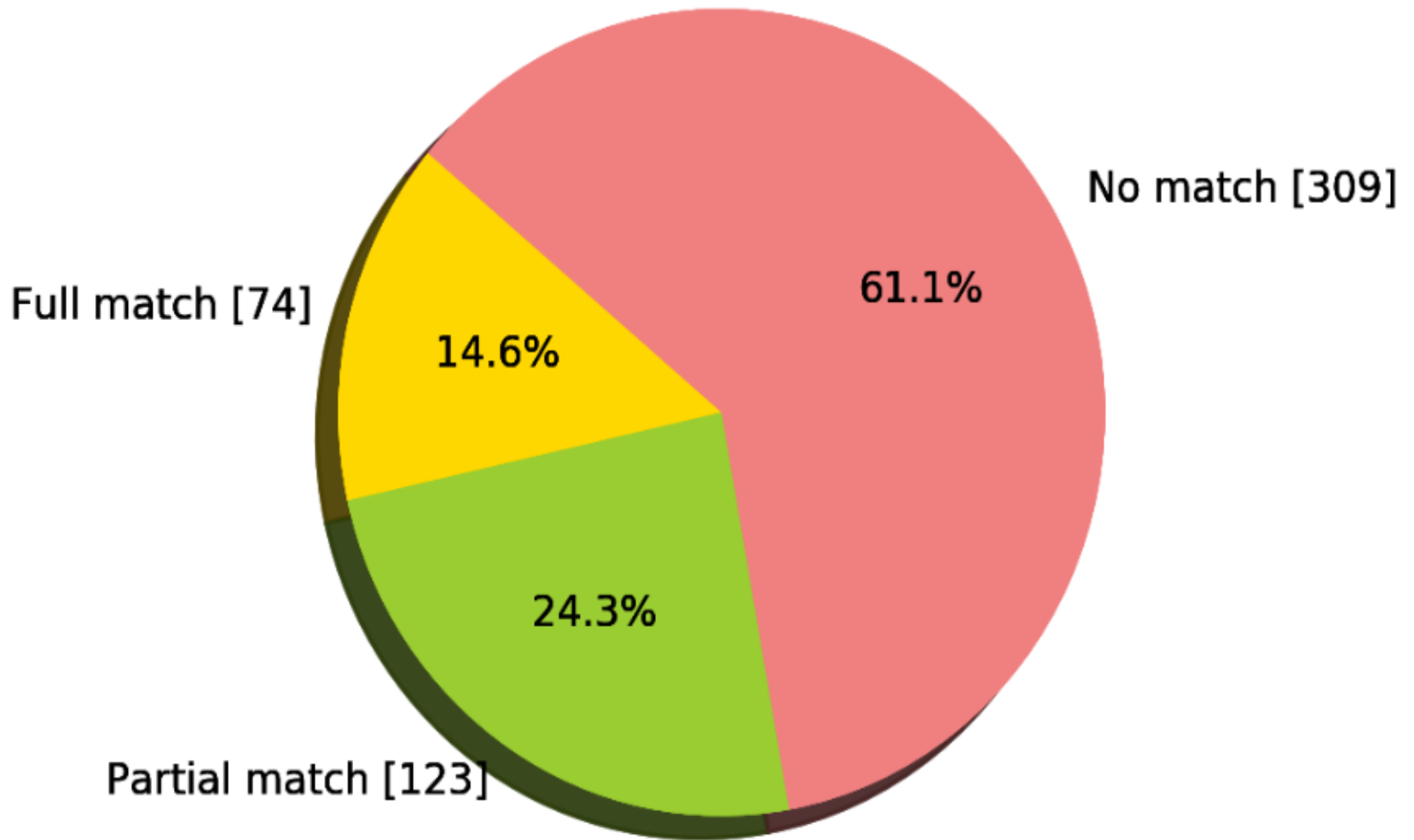


- Ebooks
- Tablets
- App based-learning tools
- Free learning

Connect and engage



Training application match



Interesting and notable oddities



Position	Training
Financial advisor	Electrical engineering
Sales agent	Boilermaking
Callcentre agent	Civil engineering
Callcentre agent	BTech agriculture management
Cashier	Mechanical engineering
Callcentre agent	Electrical engineering (heavy current)
Pet shop assistant	Information technology
Driver	Fitting and turning

Breakdown of the job types applied for by the STEM graduate cohort...



Callcentre agent	47
IT administrator	7
Data capturer	6
Financial administrator	5
Windscreen technician	3
Driver	2
Handyman	1

How do TVET graduates fare in the workplace?



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