

**Talking Points for Principal, CBPS in Welcoming First Admission into the
New MSc Programmes at the School of Computing and Informatics
May 27, 2013**

1. Numbers admitted

- MSc in Applied Computing - 23
- MSc in Computational Intelligence - 20
- MSc in Distributed Computing Technology - 64
- MSc in Information Technology Management - 61

2. Admitted graduates for nearly all Universities in Kenya

- | | |
|-------------------|----------------------|
| • UoN – 22 | • Kabarak – 6 |
| • JKUAT – 30 | • CUEA – 5 |
| • Egerton – 18 | • Masinde Muliro – 1 |
| • Moi – 15 | • Kimathi – 1 |
| • KU – 13 | • USIU – 1 |
| • Strathmore – 11 | • Kiriri – 1 |
| • KEMU – 8 | • Nazarene – 1 |
| • Maseno – 7 | • Baraton – 1 |
| • KCA – 7 | • St Pauls – 1 |

3. SCI started offering postgraduate programmes in 1980

- The Postgraduate Diploma in Computer Science was started in 1980 and has since been phased out after graduating 378 students over the years
- The MSc in Information Systems, designed as a conversion course, was started in 1998 and has graduated 263 students
- The MSc in Applied Computer Science, an R&D project based programme, was started in 2003 and has graduated 9 students
- The MSc in Computer Science was launched in 2005 and has since graduated 82 students

4. Need for developing new MSc Programmes was necessitated by many factors:

- Experiences learnt from offering the old programmes
- Development of the School's research strategy
- Changing ICT developments
- National and industry needs and trends
- Performance contracting requirement
- QMS requirements

5. Process of developing new programme has taken into consideration

- Alignment to the School's research strategy
- Analysis of current programmes and completion rates
- Stakeholder's feedback
- Benchmarking with other international masters

6. Organization of the programmes

- 3 core courses – Research Methodology; ICT Project Management; Product Design and Entrepreneurship
- Domain Areas
- Specialized Knowledge Areas
- Project

7. These are the only MSc programme at UoN with an Entrance Exam

8. Teaching will include team teaching, collaboration with Industry, enhanced teaching methods that force the student to explore

9. Ultimate intention is to greatly enhance the School's profile in terms of leadership in the region and research output