

## “Guru”: Next generation academic analysis

Presented by David Molloy and Dr. Sarah Ingle, Dublin City University (DCU)

Guru is a “Student Information Platform”, designed and developed within Dublin City University (DCU). There are two core purposes of the system:

- **Data Presentation and Graphical Analysis:** To provide a graphical, user-friendly interface for the presentation and analysis of institutional information aimed principally at academics, institutional units, external examiners and accreditation bodies.
- **Sub-system Development:** To provide a platform for the rapid but focused development of new sub-systems which can harness this data effectively to improve academic processes

While a number of components have been built to date, the focus for this session will be in the following areas:

- 1) **Student Retention:** identifying “at-risk” students through a personal tutor system and traffic light indicators
- 2) **Programme Statistics:** graphical presentation of data relating to grade inflation, comparative module difficulty, programme paths, failure analysis etc.
- 3) **Digitalisation of the Examination Process and External Examiner Assessment (professional accreditation and review):** The Guru system has revolutionised the examination paper process at DCU by providing an end-to-end system for examination papers and external quality review

Since the introduction of Guru at DCU, considerable time/cost savings have been generated, examination paper quality has improved, deadlines have become less problematic, numerous disability issues have been overcome and security of examination papers has been strengthened. More importantly, Guru allows the institution to properly assess the external examiner quality review process, identifying both where it is succeeding and where it is failing.

For more information about this presentation please contact:

**David Molloy**  
**Dublin City University (DCU)**  
[david.molloy@dcu.ie](mailto:david.molloy@dcu.ie)