



**University of
Leicester**

ACCESS

**Audio Content Creation for
Educational Success**

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Outline

- Background
- Equipment
- Example Projects
- Future work

Project outline

- TechDis funded project
- Higher Education Assistive Technology (HEAT) programme
- October 2006 to January 2007

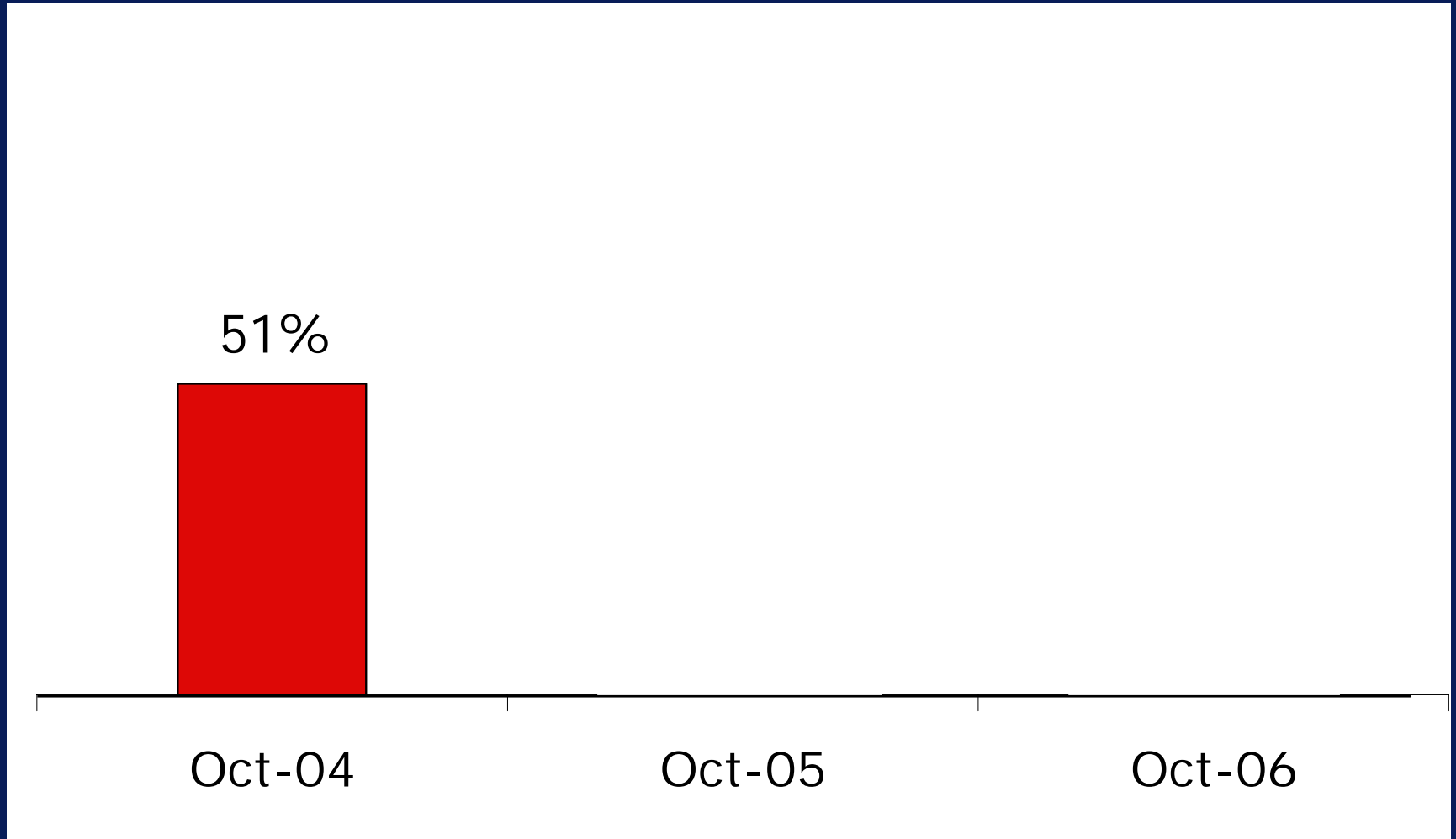
Background

	% total students registered disabled	% of students with known disability registered as dyslexics
1994/5	3%	15%

Dyslexia and Sound

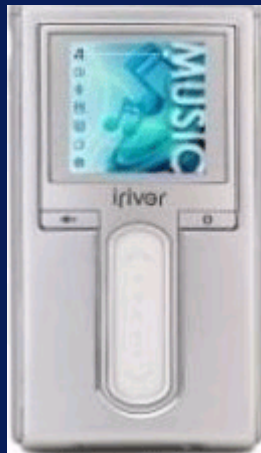
- The provision of audio commentary aids comprehension and understanding
- Alternative to reading large amounts of text
- Pace and control

Biol Sci Modules on Blackboard

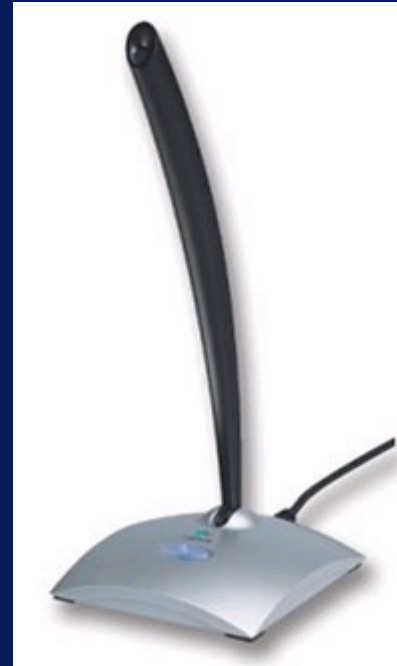


Equipment

10 USB microphones



2 mp3 recorders



recorded lectures

Lecture recorded live synchronised later

Molecular genetics

taught postgraduate MSc

Student response

‘User-friendly interface [the lecturer’s] enthusiasm for the topic is almost tangible!’

‘this does not make the lectures redundant at all; rather it means that full concentration can be paid to the lecture itself, and there is a stronger connection to the material when the time comes for revision’

Scripted and recorded lectures

Replacement for live lecture

Bioinformatics second year module

Student responses to scripted recorded lecture

Can be accessed at any time (rather than 8:30am when people are tired), can be accessed repeatedly, allows for pausing to take notes.

83% accessed the podcast off campus

Student responses

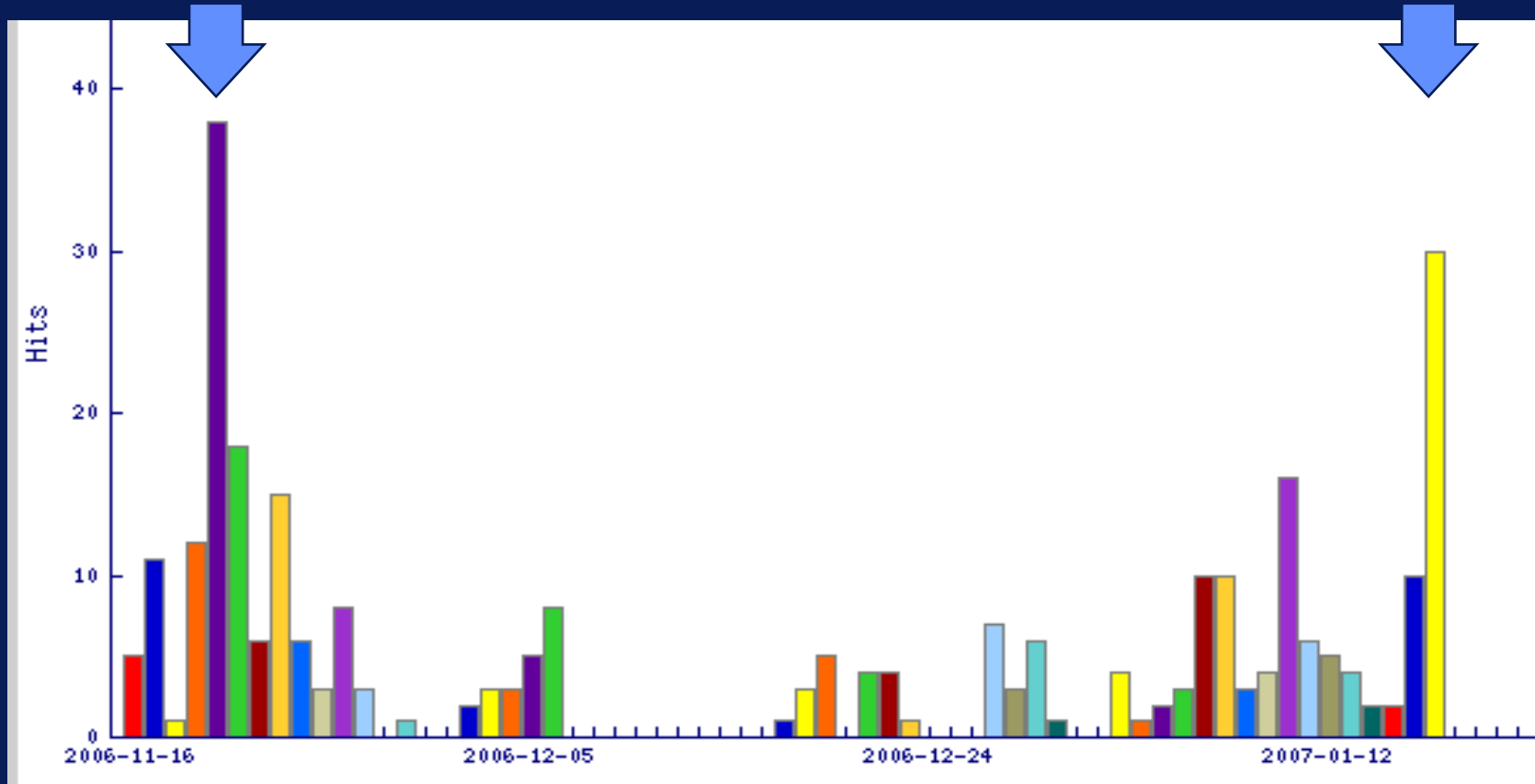
'Liked the ability to review/repeat each slide in my own time. Improved understanding by reviewing it myself.'

70% of students took notes whilst watching the presentation

Viewing figures

Second lecture

Exam



Audio Feedback



Summary and future work

- equipment used by 8 staff across 4 departments
- >200 undergraduate and postgraduate students
- Video and audio for future work

Acknowledgements

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