

**THE INTERNET GENERATION AND  
ITS IMPLICATION ON  
HIGHER EDUCATION QUALITY MANAGEMENT  
(OER, MOOCS, ONLINE DISTANCE COURSES AND  
ASSESSMENT)**

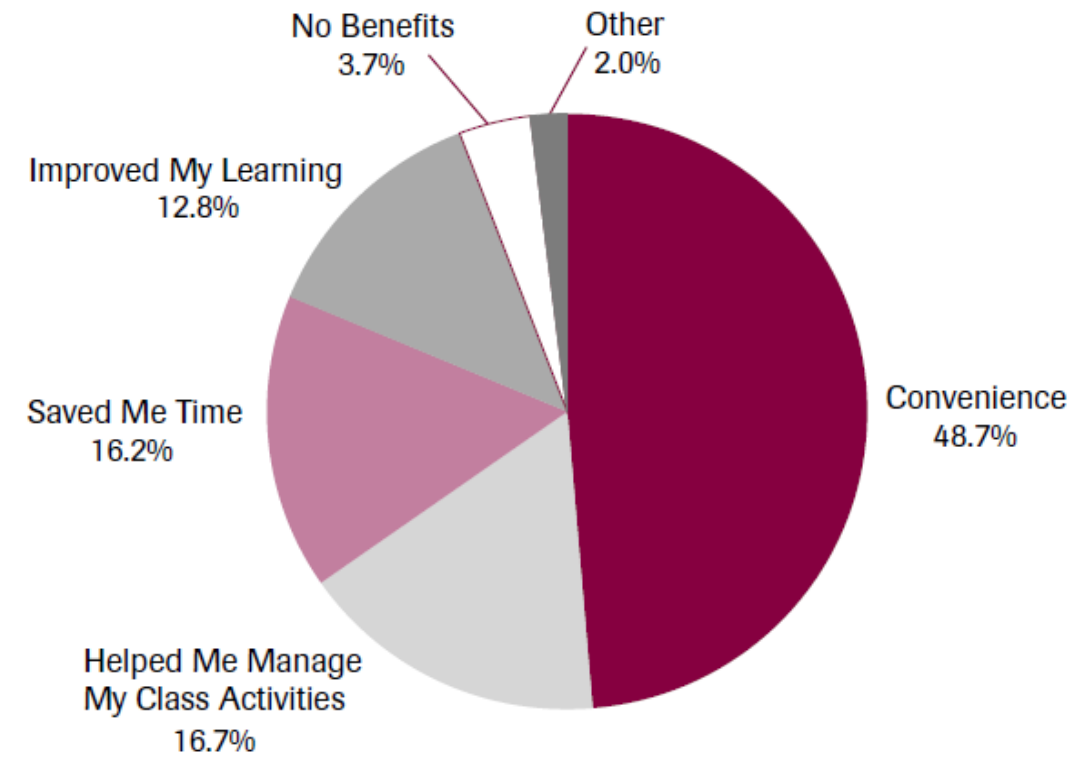
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# INTRODUCTION

- Traditional learning process operated in a classroom between teacher and students
- In distance learning process, the teacher stayed in one location and students learnt lessons staying another convenient location
- Net Gen students like to interact themselves in collaborative environment
- Hence teacher centered teaching methods are obsoleted and students prefer learner centered teaching methods

# BENEFITS OF THE CURRENT IMPLEMENTATION OF INFORMATION TECHNOLOGY IN EDUCATION

- Improving work efficiency
- Improving learning ability
- Saves time
- Making life more convenient



# VIRTUAL LEARNING ENVIRONMENT (VLE)

- A learning platform
- An online system that allows teachers to share educational materials with their students via the web.
- Eg. Moodle, Fronter, WebCT, Frog, LP+, Kaleidos, Blackboard etc. are the most common VLEs of choice. .

# VIRTUAL LEARNING ENVIRONMENT (VLE)

The screenshot shows a web browser window with the URL `vle.bit.lk`. The browser's address bar and tabs are visible at the top. The website has a blue header with the UCSC logo and the text "You are not logged in. (Login)".

The main content area features the UCSC logo and the text: "University of Colombo School of Computing", "Welcome to the Virtual Learning Environment for the BIT Students", and "Academic Year 2014/2015". Below this, there are links for "First Year Testing - Semester 1 & 2 (Procedure)", "Second Year Testing - Semester 3 & 4 (Procedure)", and "How to install Security Certificate".

On the left side, there is a "News/BCT" section with links to "Tentative Revised Foundation Programme - Semester 1, 3 and 4 - 2016", "Semester 4 - Results 2015", "L&T Message for Students ITA001 - 2015", "Deadlines for Registration - 2016", and "Student First Desk 2016". Below this is a "Main menu" section with links to "Site news", "Online Attendance", "Registration for Online Courses", "First Year Testing Procedure", "Second Year Testing Procedure", "FAQ", "Contact Us", "Centra Studio TSC2 index", "BIT Website", "BIT Project VLE", and "Install Security Certificate".

On the right side, there is a "Login" section with fields for "Username" and "Password", a "Login" button, and a "Lost password?" link. Below this is a "Calendar" section showing the month of February 2016. At the bottom right is an "Online users" section showing a list of users and their status.

At the bottom left, there is a "Courses" section with the text "No courses in this category".

At the bottom center, there is a "Site news" section with the title "Project VLE" and the text "Dear students, The Project VLE is now available for accessing for the new academic year."

# IMPACT OF VIRTUAL LEARNING

- to enhance learning and enable students to engage in their study
- accessible, inclusive and cater for a wide range of potential student requirements
- enhances standards of usability
- Assists the students in learning through self-evaluating quizzes, learning materials and activities
- can access via mobile phones

# **REASONS OF IMPLEMENTING VIRTUAL LEARNING ENVIRONMENT (VLE)**

- Communication – opens up an infinite number of channels in the format of forums, discussion threads, surveys, instant feedback either as a group or individually
- Producing work – the presence of a teacher is not required for students to submit their assignments
- Resource hub – teachers have infinite online storage space for PowerPoint presentations, word documents, worksheets, pdf documents etc.

# REASONS OF IMPLEMENTING VIRTUAL LEARNING ENVIRONMENT (VLE)

- Dynamic home pages – teachers have the opportunity to create an exciting virtual space to represent their course/subject
- Links to outside sources – pathways to all other online learning spaces are linked
- Embedded content – YouTube, BBC, and newspapers can all be embedded as the dynamic feed of the homepage
- Podcasts & videos – both teacher and student produced podcasts and videos have a shared platform



# ONLINE DISTANCE LEARNING

- Distance education is the popular option for non-traditional learners
- Distance learning is the disruptive innovation in higher education today
- Distance education through Internet and video courses helps those who are employed

# REASONS OF IMPLEMENTING ONLINE DISTANCE LEARNING

- Less expensive to deliver than classroom-based education
- Accessible 24/7 to learners anywhere in the world.
- Appeals to the Net Generation's unique needs and expectations in a number of ways.

# LEARNING MANAGEMENT SYSTEM (LMS)

- enriching the interactions students with each other and with their instructors
- enhance the quality of learning, and increase learning productivity.
- enhance learning quality by enabling instructors to convey information more effectively,
- helping instructors meet the needs of students with varied learning styles,

# MOODLE

- Free open-source learning management system or e-Learning platform that serves educators and learners across the globe.
- Able to provide its students with the most advanced virtual learning environment facilitating anytime, anywhere learning concept.

# MAIN FEATURES AVAILABLE IN MOODLE

- Activities:

- Assignment, Chat, Choice, Database, External Tool, Forum, Glossary, Lesson, Quiz

- Resources:

- File, URL

# CONCLUSION

- There will be a transition to "hybrid" classes
- Mobile and wireless technologies provide opportunities for learning to become more personal and customized and networked, portable, ubiquitous and lifelong.
- Opening up new opportunities for learning

# CONCLUSION

- Experts from all over the world generate the learning material in digital forms and is distributed via the internet.
- The learning activities are also supported by (tele-) tutors using the internet.
- A Notebook-University the focus changes from a virtual university to a digital campus

