

# **Constructive alignment: investigating students' use of mobile technologies in university classrooms**



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## Certificate of Approval

The thesis entitled **“Constructive Alignment: Investigating Students’ Use of Mobile Technologies in University Classrooms”** has been accepted by the department of computer science, University of Management and Technology Lahore in partial fulfillment of the requirements for the Degree of master in Computer Science.

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## **DECLARATION**

I declare that this dissertation is my own original work. As collaborations with other researchers are partially involved, or materials generated by other researchers are included, the parties and/or materials are acknowledged or are explicitly referenced as appropriate.

This work is being submitted for the degree of master in Computer Science at the University of Management and Technology. This thesis has not been submitted to any other university or institution for any other degree or examination.

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Date

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Signature

**Anum Arshad**

## **DEDICATION**

*I would like to dedicate this work to my mother and teachers,*

*Their proficient Guidance and splendid inspiration had*

*Positively influenced my life and made me capable*

*Of attaining this degree*

*Successfully.*

<b>Thesis Title</b>	Constructive Alignment: Investigating Students' Use of Mobile Technologies in University Classrooms
<b>Undertake by</b>	Anum Arshad
<b>Supervised by</b>	Dr. Shaukat Iqbal
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<b>Operating System</b>	Microsoft Window (32 and 64 bit compatible)
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## **Abstract**

*The purpose of the present study was to inspect the impact of information and communication technologies (ICTs), while attempting to learn from real-time university classroom lectures. The numerous adoptions of mobile phones are one aspect of ICT pleasant appearance. Mobile usage is banned in most classrooms globally. However, students still use them during their lectures and tutorials. It is anticipated that this usage is askew from the motivation of the lectures and classrooms. Synchronizing students' mobile usage in classrooms with the incentives of their academic activities remains a significant avenue of research. A sample of undergraduate and graduate Computer Science (CS) students and another sample of undergraduate and graduate English literature students were surveyed to establish their frequency of mobile ICT use in the classrooms and the students' motivations and basis for undertaking those activities unrelated to classrooms culture, in UMT Lahore , Pakistan . In spite of mobile usage being banned in class rooms, it was determined that a large number of students use mobile phones during lectures and tutorials. This study helped to revamp classroom activities, to actively involve digital technologies to lend a hand in valuable coalition with the learning outcomes and widen the student learning awareness.*

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## **Chapter 1**

# **Introduction**

## **Introduction**

Digital technologies with access to Wi-Fi have become a vital aspect of education. It has been consented on that contemporary technologies can expand the scope and influence of modern educational tools. Modern – day research has resulted in smaller, cheaper and handy digital devices for aiding academic activities. The convenience of digital technologies has made them readily accessible and they have become an integral part of all contexts of life including the classroom **Error! Reference source not found.** Extensive research has emphasized the capacity of digital technologies, to enhance student –teacher cooperation in distant and conventional academic scenarios **Error! Reference source not found.** In lieu of incorporating technology in imparting education, mobile phones are broadly being accepted as imperative learning instruments **Error! Reference source not found.** The popularity of “ Bring Your Own Device “ model which advocates the use of personal mobiles to expedite access in academic activities, supports the usefulness of mobile devices in education **Error! Reference source not found.**