



## LEARN RIGHT WHERE YOU ARE!

INCREASING EFFICIENCY IN VIRTUAL TEACHING IN AN INTERNATIONAL CONTEXT.



Weitere Infos

## **Abstract**

### **Project title:**

**“inCREasing Efficiency in virtuAI Teaching in an intErnational contExt”  
CREATE Project**

### **Introduction:**

Successful learning requires both an interactive and collaborative learning environment. Virtual teaching or electronic learning (e-learning) can be defined as the delivery of teaching and learning materials at a distance with the use of computer, digital tools and internet technologies.

### **Aim:**

The main scope of this project is to analyze the various teaching formats at Deggendorf Institute of Technology European Campus Rottal-Inn, and to identify gaps that suggest the proposal of tools for the support of an efficient virtual teaching and learning process. Moreover, it optimizes virtual teaching through suggesting and developing a framework-based module.

### **Method:**

The first phase employed a qualitative research approach i.e. the data involved collection according to a structured review of the subject's moodle handbook of three selected bachelor courses Health informatics (B.Sc.); Energy System Engineering (B.Eng) and International Tourism Management (B.A) followed by a second phase to identify students perceptions and attitudes towards e-learning tools and online teaching methods through online distributed surveys.

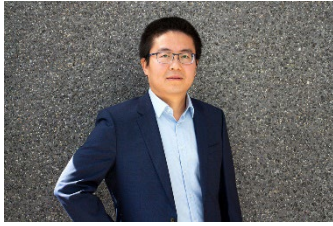
### **Result:**

Digital education aims at minimizing interferences to education among challenging times during COVID-19, and empowering students to experience new tools and resources at the same time creating a safe place for educators to have control over the teaching process. Various teaching formats such as; lecture and whiteboard, seminars, laboratory work, field trips, case-study, and online teaching were identified according to subject classification level in science. Selected e-learning tools and preferred teaching methods will aid in suggesting and developing a module-based framework that would optimize future virtual learning and teaching at Deggendorf Institute of Technology European Campus Rottal-Inn. The first phase study “Increasing Efficiency in Virtual Teaching in an International Context: E-learning and Instructional Approaches at ECRI” has been accepted in the Bavarian Journal of Applied Sciences.

### **Project participants:**



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**Logos:**

