Smart Classroom research and development project aims at combining entrepreneurial pedagogy, collaborative teaching and the latest technological teaching tools to create a modern and effective education service environment in higher education setting. There are three main themes in the SMART Classroom concept: Smart Pedagogy, Smart Learning Space and Smart Teaching Solutions.

SMART Pedagogy is based on entrepreneurial pedagogy and methodologies. Smart Classroom project aims at fostering the application of these methodologies in university setting and hereby provide more interactive alternatives to traditional university teaching. This theme of the project results a handbook for university teachers on applying fresh teaching methods into practise, tools for teachers’ self-reflection and evaluation and training programme for university teachers.

The second theme of the SMART Classroom concept is called SMART Teaching Solutions and it deals with variety of practical teaching tools and materials for university teachers including teaching games and simulations. SMART Teaching Materials include for example exercises and examples that teachers can apply to their courses. SMART Teaching Tools is a collection of practical tools that can be used in teaching situations to support delivery of rich teaching content, student engagement and interaction. The teaching games and simulations are categorised by disciplines. Business related education games focus on improving entrepreneurship and business skills of university students from different disciplines. They provide students readiness to start up and run an own company.

SMART Teaching Spaces cover both physical and virtual teaching spaces and R&D&I spaces in university setting. The SMART Teaching Spaces concept defines the essential furniture and technical specifications of ideal physical classrooms and the most important features of virtual learning platforms to support entrepreneurial pedagogy in universities. Also facilities and functions for lecture halls and collaborative teaching spaces will be defined in this package. The SMART Teaching Spaces as a whole brings flexibility to learning and makes the learning ubiquitous.
The main objective of the SMART classroom project is to find and create a best practice standard for implementing modern, academic curricula in an international, multidisciplinary university setting.

BID unit at the University of Turku is running the project and the project is implemented in close cooperation with Finnish companies specializing in contemporary teaching technologies and educational services. Several national and international universities and research institutes are also participating in the project.

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