Project title: Aalto- IIT-I cooperation for the skill developments of IoT-based implementation

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The project is based on long-term collaboration between the academic and industrial partners whom are specialized in the field of electronic circuit designs, signal processing, telecommunications and information technology applications.

The aims of the project include:
1. Educating students in the field of design and development of application-specific IoT-based deployment. It will be achieved by instructing students to take different courses in the related fields. The knowledge can be provided in terms of specialized lectures, group studies, self-study, seminars etc. The purpose of these studies is to broaden their vision in the field of various engineering fields essential for the development of the IoT based systems.

2. Educating students to define-and-debug solutions to the real world digital engineering problems. Thus, they will become successful with solution-centric business models and will more capable to find a way to bundle their own creativity and interest with their expertise to address new demands generated by the digital business world.

3. The experts from various academic and industrial partners visiting from India will provide training and development of IoT-based products to the Finnish and visiting students from India.

4. Indian students, whom visit Finland, will learn about the details of integrated circuit (IC) based implementations of the devices used for IoT applications. These hands-on experiences on IC-based implementations will build critical skills useful for their career exploration. In addition they will also get familiar and study Finnish culture.

5. This networking between academic and industrial participants under this project will act as a critical component to build an efficient innovation ecosystem, which will enhance student’s employability, enterprise and entrepreneurial skills.

Partners
Indian Institute of Technology Indore
Indian Institute of Technology Roorkee
Indian Institute of Information Technology Hyderabad
National Institute of Technology Jalandhar
Institute of Engineering & Technology (Devi Ahilya University, Indore)
Knoxia Technologies, India
ISquareR Technologies, USA