



International Centre Savitribai Phule Pune University

Call for the Erasmus Mundus Degree in Smart Systems Integrated Solutions

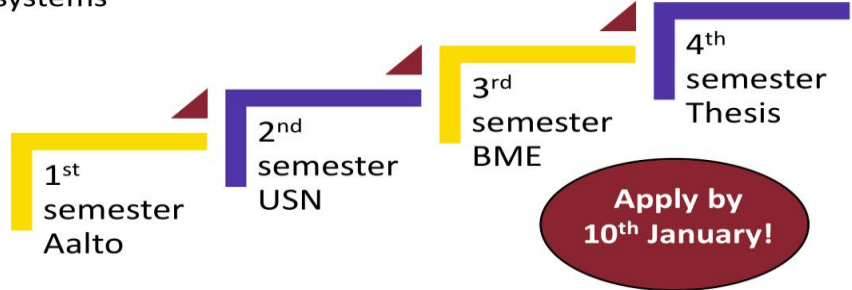
Applications for the “Erasmus Mundus” MSc degree in “Smart Systems Integrated Solutions” (SSIs), offered jointly by a consortium of Aalto University (Helsinki, Finland), University of South-Eastern Norway (Vestfold, Norway), and Budapest University of Technology and Economics (Budapest, Hungary). This program offers a unique opportunity to gain first-hand experience with the technological, entrepreneurial and employment landscape across three European countries, equipping students with a competitive edge in the global semiconductor market.

Master’s Programme in Smart Systems Integrated Solutions (Erasmus Mundus)

Find more information at ssi-master.eu



SSIs is a two-year joint master programme, with full student mobility between Aalto University, University of South-Eastern Norway (USN) and Budapest University of Technology and Economics (BME) with leading expertise in the academic fields of Smart Systems and Microsystems Technology.



Students progress through a dynamic curriculum, starting with their first semester in Aalto University, Helsinki, followed by the second semester in USN, Norway and the third semester in BME, Budapest. The fourth and final semester is dedicated to a master’s thesis project supervised by one of the three institutions. This structure provides comprehensive exposure to diverse academic environments and industrial practices in Europe.

The MSc in Smart Systems Integrated Solutions provides an in-depth journey into sensor design and fabrication, offering hands-on experience from the conceptual stage to the final implementation. The program emphasizes the integration of microsystems and microelectronics, preparing students to develop advanced integrated solutions for real-world applications.

Participants also delve deep into the semiconductor industry, gaining critical research and managerial skills essential for thriving in both academic and industrial settings. Since 2015, graduates of the SSI/SSI+ programs have achieved high employment success, securing positions in leading industries and PhD programs in Europe and beyond.

This program is designed for students with a bachelor’s degree in electrical engineering, electronics, physics, materials science, mechanical engineering, biomedical engineering, or a closely related discipline. Join us to shape your future in the ever-evolving field of smart systems and integrated solutions.

Prof. (Dr.) Vijay Khare

Director, International Centre
Savitribai Phule Pune University