3TU.Centre for Engineering Education

Innovating Engineering Education for Tomorrow's Engineer

To jointly inspire, stimulate, support and disseminate effective and high quality Engineering Education through research and application of evidence-based innovations. CEE is the place for teachers and scientists with questions and ambitions in the domain of Engineering Education.

Activities

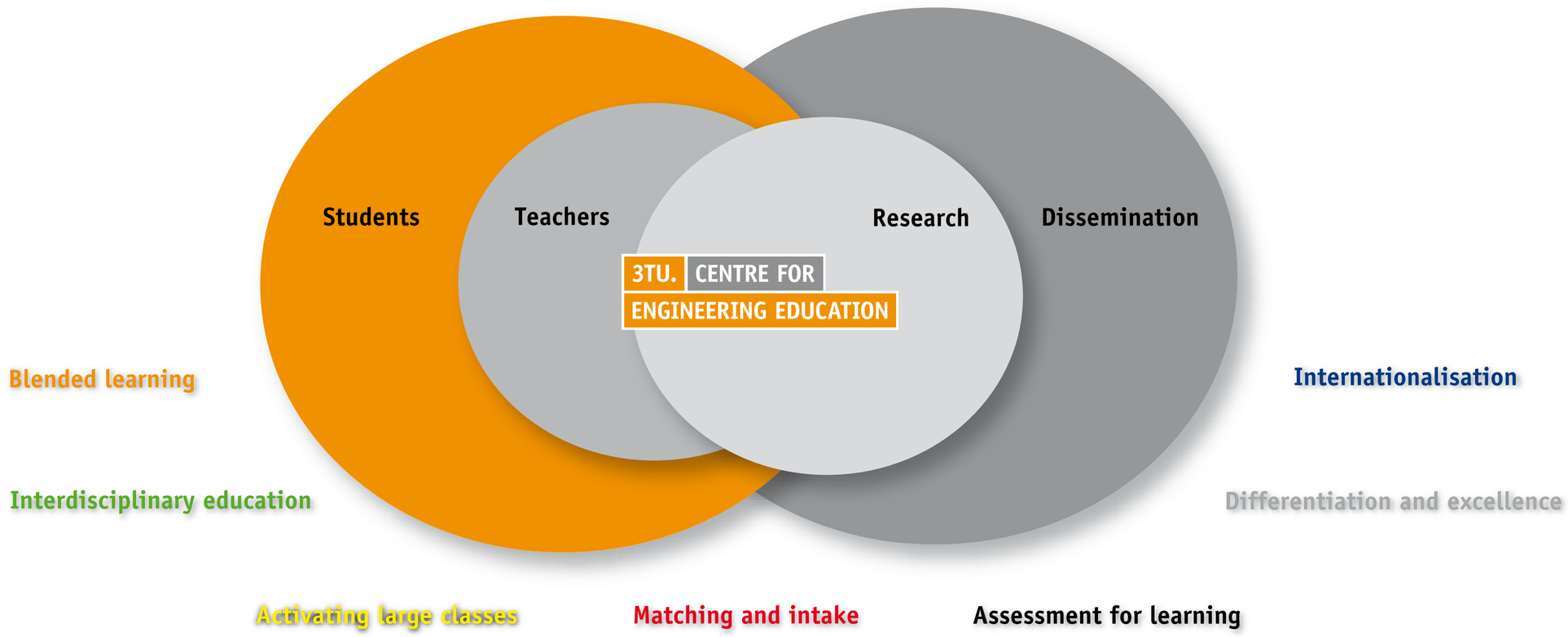
- Keeping track of recent innovations, trends, tools and advances in the engineering education;
- Monitoring and overseeing innovations;
- Submitting proposals for and initiating related in-house research into the development and functioning of innovative engineering education;
- Providing access to tools, research findings and effectual practices;
- Organising activities for teachers with the aim of sharing knowledge and experiences of innovative engineering education;
- Establishing and maintaining an international network of partners in the field of engineering education.
- In depth exchange of research results with international partners in pressure cooker settings.

Joint Work packages

- Comparing Bachelor curriculum innovations
- Innovation map (evidence based)
- Investigating interdisciplinary Engineering Education

TU specific Work packages

- Delft package
  a. Study success initiatives (tender)
  b. Rethinking campus education (Think Tank)
  c. Digital assessment for Engineering Education
  d. Remote and virtual labs
- Eindhoven package
  a. Education innovation tender on Feedback (2014)
  b. Education innovation tender (2015)
- Twente package
  a. Implementing and evaluating TEM@UT
  b. Teacher design teams & professional development
  c. Engaging engineering students
  d. Excellent engineering; comparing honours programmes



TU Delft Delft University of Technology

TU/e Technische Universiteit Eindhoven University of Technology

UNIVERSITY OF TWENTE.

CEE Board

3TU. CENTRE FOR ENGINEERING EDUCATION

www.3tu.nl/cee

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