



INNOVATIVE TECHNOLOGICAL SOLUTIONS FOR INDUSTRY ENGD

UNIVERSITY OF TWENTE.

IS YOUR ORGANISATION SEARCHING FOR TALENTED MSC GRADUATES TO WORK ON A DESIGN SOLUTION FOR A TECHNOLOGICAL PROBLEM? HIRING AN ENG D TRAINEE OF THE UNIVERSITY OF TWENTE MIGHT BE JUST THE TICKET!

Our EngD trainees are professionals who are able to design and develop complex new products, tools or processes, and who offer innovative solutions to your technological design issues.

ENG D PROGRAMMES

Our two-year Engineering Doctorate (EngD) programmes educate professionals to develop high quality, creative and innovative solutions for complex technological problems. Our EngD trainees are highly capable of linking various disciplines and integrating them to produce an effective solution to your technological issue. About 45% of a EngD programme is dedicated to acquire specific knowledge. The other 55% is dedicated to apply all the acquired knowledge, skills and science in a design project for your organisation.

The University of Twente offers various post-Master EngD programmes. See www.utwente.nl/engd for a description of the specific EngD programmes.

HIRING AN ENG D TRAINEE

When you are interested in hiring a EngD trainee, you bring up a technological design problem or need for efficiency. In consultation with you (the client) and the University of Twente, the trainee will develop a solution exclusively for your organisation. In order to succeed in developing 'the best possible solution for your design problem', the curriculum will be determined together with you and your in-company experts.

Our trainees have all finished their Master's degree and made a deliberate choice to specialise further in their field and apply their knowledge directly in a real-life design project. At the same time, they are gaining valuable experience for your company. Hiring a EngD trainee is therefore an excellent opportunity for your organisation to attract top talent.

In sum, a EngD trainee:

- is able to switch quickly between different levels;
- has a wider range of skills in creative- and out-of-the-box thinking;
- is able to make better connections between different disciplines and integrate them into a design.

Within the EngD programme, there will be ample attention for professional development. A benefit is that during the design project in your organisation will get to know the trainee and can determine if he/she fits within the organisation when the project has ended. Many graduates have found challenging jobs at their placement organisations.

The selection procedure for EngD programmes is very strict, which means only the best MSc graduates will be admitted.

"Positive aspects of the EngD programme are: The Quick and implementable results. Dedicated learning for the student based on the assignment. Support from experienced supervisors."

- David Matthews - Principal Researcher, Tata Steel Research/Development -

FINANCING

The EngD is a jointly financed programme by your organisation and the university. The trainee can be on the payroll of the organisation or on the payroll of the University of Twente:

1. The trainee is on the payroll of the organisation: costs include education, supervision and the possibilities to make use of the knowledge infrastructure of the University. Within this option, it is made possible to let your own employees pursue an EngD programme as well. With the correct background, your employees can smoothly enrol in the programme.
2. The trainee is on the payroll of the University: costs include the salary of the trainee for two years, education, supervision and the possibility to make use of the knowledge infrastructure of the University.

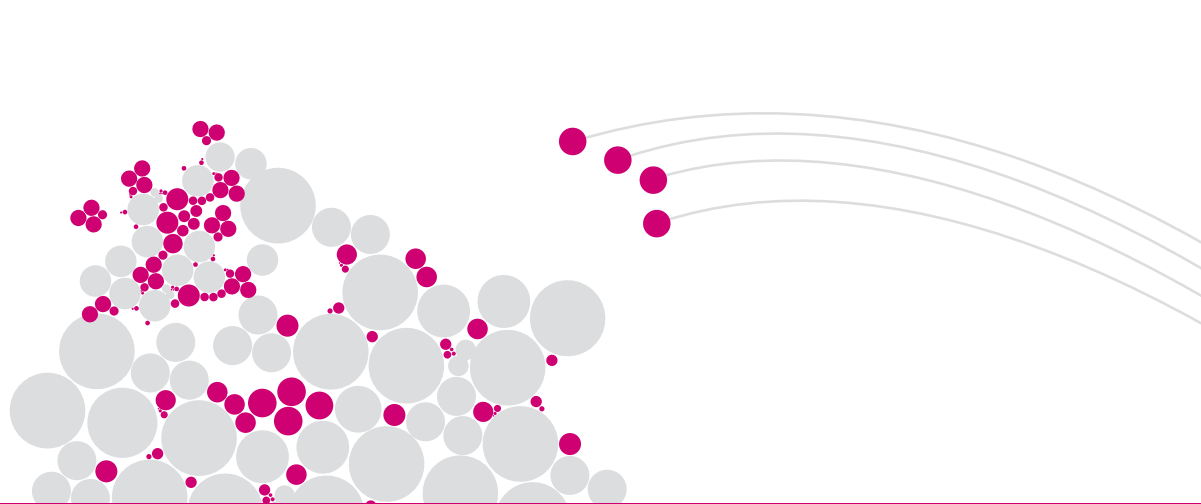
For the actual costs of both options, look at www.utwente.nl/engd-business

THE UNIVERSITY OF TWENTE

High tech, human touch. The University of Twente is at the core of society and has an outward-looking perspective. Working together with companies is an essential part of this. After all, today's students are tomorrow's professionals. Together, 3,300 scientists and professionals carry out ground-breaking research, bring about socially relevant innovation, and provide inspiring teaching for more than 11,000 students. To us, entrepreneurship comes as second nature!

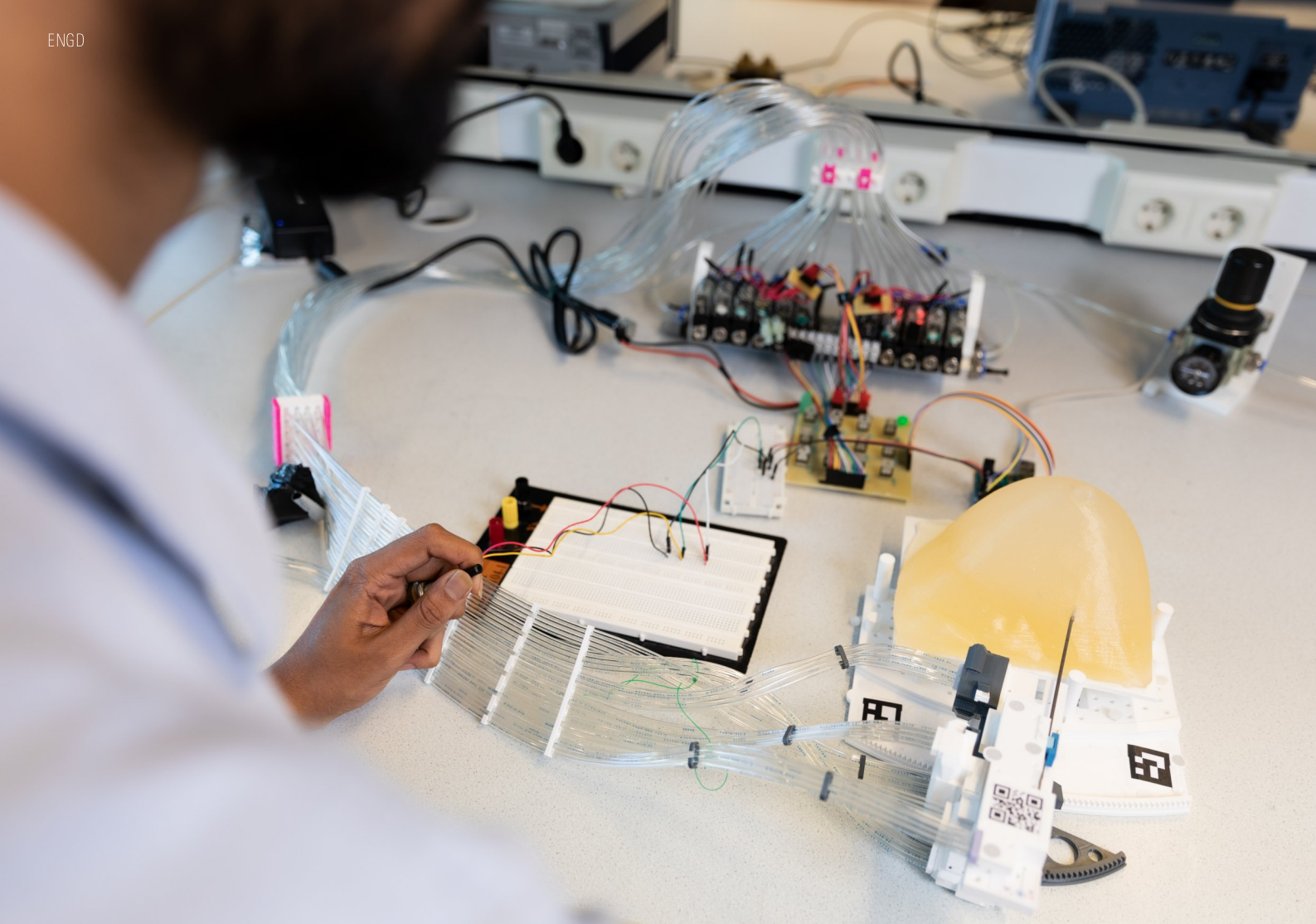
ENGD, AN INITIATIVE OF THE 4TU.FEDERATION

Hundreds of companies have already had good experiences with the EngD programmes that are offered four universities of technology in Netherlands. The universities of Delft, Eindhoven, Twente and Wageningen are responsible for the post-master design programmes offered under the auspices of the Stan Ackermans Institute, 4TU School for Technological Design. For more information: www.4tu.nl/sai



"There is a positive cooperation between the company and UT. In a relatively short period of 2 years, our EngD trainee was able to find solutions. It is a possible route for middle-complex projects."

- Martinus Regterschot - Manager R&D extrusion at VMI -



INTERESTED?

The EngD programme is the perfect opportunity for talented students to boost their career and for organisations that need solutions for technological design problems. For more information, see www.utwente.nl/engd, or contact:

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