

Company Brochure

技術の昇進



RISING TECHNOLOGY

Study Tour Japan 2021 - E.T.S.V. Scintilla



RISING TECHNOLOGY

Study Tour 2021

A group of 25 electrical engineering students studying at the University of Twente is organizing a study tour to Japan. During this three-week study tour in the autumn of 2021, the students will visit numerous companies and universities in several cities in Japan. Next to that they will get a taste of the culture and technology of Japan and how these two key points are intertwined.

Rising Technology

The main theme and name of the study project is Rising technology ('gijutsu no shoushin), referring to both the rise of Japan in the world economy and the high-paced advancements made in the electronic industry. Industrial developments of the recent years allow society to adapt and grow into a super smart always connected society. Advancements like autonomous vehicles, smart home appliances and Internet of Things open the world to new possibilities of connecting people to services and each other. By visiting universities and companies in Japan, students will get an opportunity to experience the developments of the society firsthand while at the same time learning about the technologies and culture of Japan. At the same time a bridge is built between the Dutch and Japanese cultures to further increase the rise of technology.

Sendai

Sendai is the capital city of Miyagi Prefecture, Japan, the largest city in the Tōhoku region.

Sendai is called an "Academic City" because the city has many universities relative to its population. One of these universities is Tohoku University, it is considered one of the most prestigious universities in Japan.

The region is expected to develop as one of Japan's main bases for the automotive industry and is also gaining attention as a base for the semiconductor industry.



Tokyo

Located at the head of Tokyo bay, Tokyo is Japan's capital and the world's most populous metropolis. It is an economic powerhouse with many headquarters of multinational businesses focussing on anything from consumer electronics to niche, state of the art technology. They are complemented by many technical universities. In the heart of Tokyo is Akihabara, famous for its electronic shops and otaku (diehard fan) culture. For any electronics category imaginable, there is probably a shop or stand.



Osaka

Osaka is located at the heart of the second-largest metropolitan area of Japan. The city houses some well-established tech companies and is also an upcoming hotspot for startups, giving birth to promising companies, regarding computer vision and automotive purposes. Next to these companies there are technical universities, the Osaka Institute of Technology and the Graduate School of Engineering Osaka University.



Board of Recommendations



Thom Palstra

Rector Magnificus of the
University of Twente (2016-2020)



Bram Nauta

Chairman of the Integrated
Circuit Design group



Anne-Johan Annema

Program Director of
Electrical Engineering (2017-2020)

Stefano Stramigioli

Chairman of the Robotics
and Mechatronics group



Wilfred van der Wiel

Chairman of the Nano
Electronics group



Frans van Houten

Chief Executive Officer of
Royal Philips



What can we offer?

Case Studies

Enthusiastic and ambitious students will work for your company in small projects. Examples are solving a problem, studying and reporting new possibilities, or designing and simulating new products. Furthermore an individual, experienced student can work on your project for their “bachelor’s thesis”. Where he/she will research or develop a solution to a problem given by your company for up to 30-200 hours.

Sponsor deals

We have a range of possibilities to approach the students of this project through sponsoring. Note that you do not just reach these students, but other students, companies, and university staff as well.

Excursions

We are eager to visit your company’s branch in Japan. Of course, we are also interested in visiting the Dutch branch of your company as well. A visit to your foreign branch would give us a considerable insight into the multinational company environment.



How can we help each other?

We are looking for sponsoring in both material and financial form. The material sponsorship can range from e-readers to clothes or even accommodation during the trip.

The advantages for your company can be:

- You will reach out to the students; possible employees for your company.
- Your company's brand will be advertised.
- You create goodwill; you prove that your company invests in education and innovation.
- You provide possibilities for connections with academic staff of the University of Twente.

We believe that Rising Technology can provide your company with interesting possibilities for sponsoring. You will reach out to other Electrical Engineering students, besides just the participants, to university staff and to companies both in the Netherlands and Japan.

Some possible forms of sponsoring are:

- Advertisements in flyers, reports, or clothes.
- Logo or banner ads on our website.
- Presentation of your company to students.
- Share your company profile through (e-)mail or posters.
- Provide workshops related to your company activities.

A visit to your company

To complete our study tour through Japan we would like to visit your company branch in Japan. These visits will benefit both parties as it will be a valuable and educational experience for the students, and you will develop the interests of our participants for your company. At these excursions you can show us new innovations or interesting projects, or your working principles and company visions. These excursions can be locally in the Netherlands, but preferably in Japan. This encourages the participants to explore foreign working environments.

What is a case study?

Participants of Rising Technology are all Electrical Engineering students that are in the later part of their curriculum. All participants are at least third year students and more than two-thirds are in a master stage. These students are willing to use their knowledge and insights to finance the study tour to Japan. A case study will be performed by a small group of these students. You can assign a project, such as research, development or improvement of existing products, to these students in time blocks ranging for up to 400 hours.

Rising Technology has students of Electrical Engineering ready to work for your company, without the need to contract them individually. All participants are capable of at least:

- programming (C, C++, Java, Matlab, etc.)
- multidomain simulations
- electrical and mechanical circuit design and implementation
- academic problem analyzing and solving
- hardware solutions & manufacturing
- translation of technical documents
- literature studies

All students have their own area of expertise as a result of the choices they make in their bachelor and master courses. Besides this, students have a broad range of interests outside their curriculum that can aid in the research at your company. Combining their incredible resourcefulness, they can form a perfect team for solving all kinds of problems. We can find the right students for almost any situation.

Advantages

The case studies can help us keep costs at bay for the participants. For these students, the study tour is a unique way to experience working at a company, as well as a good way to come in contact with potential future employers. The benefits for your company are at least as extensive:

- Cost-efficient way for solving problems and designing, simulating, and implementing your ideas.
- A fresh look on problems by students often leads to surprising out of the box solutions.
- You reach students who will actively participate in studies related to your company.

Bachelor's thesis

Besides case studies, there are a number of students that could use this chance to do their “bachelor’s thesis” for your company. As an individual, the student can invest 400 hours in researching and developing at your company.

The quality of these assignments are assessed by the academic staff and will be a valuable addition to your company’s project, as well as the experience of the student.

Advertisement preliminary or final report:

- Half page - color €300
- One page - color €500
- Two pages - color €800
- Advertorial - per page €300

Advertisements on the website:

- Logo €250
- Large banner advertisement €600

Case studies:

- Case study
- Bachelor's thesis

Customized Sponsoring? Ask for the possibilities!

For questions concerning case studies or sponsoring contact:

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