

The Department of Industrial Economics and Technology Management as has a vacancy for a

PhD Candidate within strategic research initiatives

This is NTNU

NTNU is a broad-based university with a technical-scientific profile and a focus in professional education. The university is located in three cities with headquarters in Trondheim.

At NTNU, 9,000 employees and 43,000 students work to create knowledge for a better world.

You will find more information about working at NTNU and the application process [here](#).

Video: <https://youtu.be/Xt-yHCN5QS0>

Background

There is a temporary position available at the Department of [Industrial Economics and Technology Management](#) as a PhD Candidate for a period of three years of research work with the possibility of one extra year assigned for teaching and research-administrative duties. This is an educational position, intended to provide promising researchers the opportunity for professional development through studies toward a PhD degree.

The position is connected to the PhD program at the Faculty of Economics and Management, with a specialization in Industrial Economics and Technology Management.

The Department is organized into six sections

- Managerial Economics, Finance and Operations Research (BEDØK)
- Safety, Health and Environment (HMS)
- Operations Management (VIL)
- Strategy and Business Development (Stratforr)
- Experts in Teamwork
- Economics and management (NTNU Gjøvik)

About the position

The department is seeking a candidate to conduct research within one of our four strategic research initiatives:

- Health and the public sector
- Leading transitions: Co-create a sustainable future
- Technology-based organizational design
- Green value creation/circular economy

The candidate is given the opportunity to develop his or her own project, or the candidate may link his/her project to an ongoing research project at the department within one of the four strategic research initiatives. The project should be developed in cooperation with a potential supervisor or supervisory team from one of the first four sections mentioned above, and a project proposal must be enclosed with the application (see below). The department is mainly looking for a candidate who has completed, or should be close to complete one of the department's Master's degree programs. (See Qualifications and Skills).

A PhD degree from this department prepares the candidate for a career in research and teaching at leading national and international educational institutions, as well as careers within industry, the private sector, and the public sector that require strong competency and analytical skills.

The department aims at promoting research that meets high international standards. Subsequently, contact with international institutions is important. Therefore, the department encourages the successful PhD Candidate to spend one to two semesters of the contract period at a foreign educational institution. The department offers support in the planning of such scholarly visits.

The department's mission is to conduct teaching and research, that meets high international standards, at the intersection between technology/natural sciences and business economics, management or HSE to promote sustainable value creation within technological fields in industry, business and the public sector in Norway. The department recruits new scientific staff that reflect this mission, and seeks passionate individuals who will not only contribute toward our vision "More research and cooperation that increases our value creation in the crossroads between technology/natural sciences and business management/EHS," but also show potential for continuous out-of-the-box thinking in this area.

Required selection criteria

- A completed Master's degree is required by the employment start date. Applicants with a Master's degree from one of the department's programs will be preferred, but applicants from other master programs will also be considered. Applicants must have a weighted average grade for the last two years of their Master's degree (equivalent to 120 ECTS credits) of B or higher in terms of NTNU's grading scale. Recent graduates, or applicants who are in the final stage of their Master's program, are encouraged to apply. Such an applicant may be offered the position under the condition that the master thesis will show satisfactory final term results. Applicants who have completed an experience-based Master's program only will not be considered.
- Qualified applicants must be fluent in English, both oral and written.

The department's research committee will rank the applicants on the basis of the grades from the qualifying program, qualifications, competencies, motivation for the position, potential, and the overall quality of the project.

Additionally, in ranking the applicants, the overall project will be considered in terms of how well it fits with the department's strategic research initiatives and areas of focus.

The appointment is to be made in accordance with [Regulations on terms of employment for positions such as postdoctoral fellow, Phd candidate, research assistant and specialist candidate](#) and [Regulations concerning the degrees of Philosophiae Doctor \(PhD\) and Philosodphiae Doctor \(PhD\) in artistic research national guidelines for appointment as PhD, post doctor and research assistant](#).

Personal characteristics

The candidate's personal suitability for inclusion in the research team will be an important factor. Likewise, personal characteristics such as ability to work independently, capacity for work, enthusiasm, and ability to contribute toward a positive work environment in general, and the PhD candidate community more specifically, will be assigned importance as well.

We offer

- an exciting and international scientific community with an opportunity for professional development
- opportunity to work in cooperation with important organizations in industry, business and public sector
- an active PhD community with approx. 50 other PhD candidates at the department
- an open and [inclusive work environment](#) with dedicated colleagues
- favourable terms in the [Norwegian Public Service Pension Fund](#)
- [employee benefits](#)

Salary and conditions

PhD candidates are remunerated, in code 1017, at gross NOK 501 200,- per annum before tax. From the salary, 2% is deducted as a contribution to the Norwegian Public Service Pension Fund.

The PhD candidate will be offered a 3-year contract.

Appointment to a PhD position requires admission to the PhD program at the Faculty of Economics and Management, with a specialization in Industrial Economics and Technology Management, see <https://www.ntnu.edu/studies/phiot>. As a PhD candidate, you are obligated to participate in an organized PhD program during the employment period. A condition of appointment is that you are qualified for admission to the PhD program within three months from the appointment date.

The appointment is made on the basis of the terms that apply to the hiring of national state employees at any given time. After accepting the appointment, you need to be prepared that changes in work duties may occur.

The workplace for this position is in Trondheim.

The engagement is to be made in accordance with the regulations in force concerning [State Employees and Civil Servants](#), and the acts relating to Control of the Export of Strategic Goods, Services and Technology. Candidates who by assessment of the application and attachment are seen to conflict with the criteria in the latter law will be prohibited from recruitment to NTNU. After the appointment you must assume that there may be changes in the area of work.

About the application

The application must include:

- A cover letter describing your motivation for completing a doctorate study
- A statement from the potential supervisor at the Department of Industrial Economics and Technology Management that indicates his/her interest and willingness to take on the responsibility as the main supervisor for the candidate.
- A short research proposal (2 pages) that outlines the research area, including research questions, research methods and hypothesized results. The research proposal should be completed in cooperation with the supervisor at the Department of Industrial Economics and Technology Management.
- CV, transcripts, and reference letters.
- Any publications and other relevant scientific work (not the Master's thesis). For works with coauthors you need to include a short description of your own contribution. It is not necessary to include the entire master thesis, but just a summary/abstract.

If all, or parts, of your education has been taken abroad, we also ask you to attach documentation of the scope and quality of your entire education, both bachelor's and master's education, in addition to other higher education. Description of the documentation required can be found [here](#). If you already have a statement from NOKUT, please attach this as well.

In the evaluation of which candidate is best qualified, emphasis will be placed on education, experience and personal and interpersonal qualities. Motivation, ambitions, and potential will also count in the assessment of the candidates.

NTNU is committed to following evaluation criteria for research quality according to [The San Francisco Declaration on Research Assessment - DORA](#).

Incomplete applications will not be considered.

General information

[Working at NTNU](#)

NTNU believes that inclusion and diversity is our strength. We want to recruit people with different competencies, educational backgrounds, life experiences and perspectives to contribute to solving our social responsibilities within education and research. We will facilitate for our employees' needs.

The city of Trondheim is a modern European city with a rich cultural scene. Trondheim is the innovation capital of Norway with a population of 200,000. The Norwegian welfare state, including healthcare, schools, kindergartens and overall equality, is probably the best of its kind in the world. Professional subsidized day-care for children is easily available. Furthermore, Trondheim offers great opportunities for education (including international schools) and possibilities to enjoy nature, culture and family life and has low crime rates and clean air quality.

As an employee at NTNU, you must at all times adhere to the changes that the development in the subject entails and the organizational changes that are adopted.

A public list of applicants with name, age, job title and municipality of residence is prepared after the application deadline. If you want to reserve yourself from entry on the public applicant list, this must be justified. Assessment will be made in accordance with [current legislation](#). You will be notified if the reservation is not accepted.

Further information about the position is available from Professor Stein Erik Fleten, phone +47 46 69 47 93 / email stein-erik.fleten@ntnu.no, Professor Trond Kongsvik, phone +47 918 97198 email trond.kongsvik@ntnu.no.

If you have questions about the employment process, you can contact HR consultant Hilde Selli Egelie, +47 932 28 207 hilde.s.egelian@ntnu.no.

If you think this looks interesting and in line with your qualifications, please submit your application electronically via jobbno.no with your CV, diplomas and certificates attached.

Application deadline: May 21st 2023

NTNU - knowledge for a better world

NTNU - knowledge for a better world

The Norwegian University of Science and Technology (NTNU) creates knowledge for a better world and solutions that can change everyday life.

Department of Industrial Economics and Technology Management

We conduct research and teaching at an international level in the interface between technology/natural sciences and economics, management, and HSE (health, safety and the environment). Our goal is sustainable creation of value within technology-based areas in industry, business and the public sector in Norway. We have academic groups in Trondheim and Gjøvik. The [Department of Industrial Economics and Technology Management](#) is one of four departments in the [Faculty of Economics and Management](#).

Jobbno-ID: 244536, Søknadsfrist: søndag 21. mai 2023