

# SEEP PhD Fellowship Award

## 1. Program Detail

The Institute of Engineering (IOE) is offering 3 PhD-fellowships for the qualified candidates enrolled for PhD Program starting on 2073/074 academic session and supports for a period of 3 years of the candidate study and research. The broader research area related to Renewable Energy and Sustainable Development Solutions and including either engineering design or policy and framework level policy formulations are the prime prospects of the project.

The announced positions are related to a collaborative project between IOE and NTNU (Norwegian University of Science and Technology) which is running from 2015-2020 under Sustainable Engineering Education Project (SEEP) and financed by the Energy and Petroleum Program (EnPe) in NORAD (Norwegian Agency for Development Cooperation).

The fellowships are in the field of planning and design of energy solutions, sustainability enhancement modeling on social and infrastructure investments and good governance practices adapted to national, regional and local stakeholder requirements.

The fellowships will give promising graduate students the opportunity for professional development in the form of a doctorate. The candidate will also have research exposure of NTNU through direct interaction of NTNU faculty members on course level lectures and field level interaction as well as co-mentorship during their dissertation research stage.

**Applicants for this position must have a relevant Master's degree either in engineering, or in architecture as per IOE PhD Rule and Guidelines 2015.**

## 2. Evaluation and Selection

Each application will have to go through two-level of evaluation processes for the fellowship consideration. The **first level evaluation** is for eligibility check of PhD research proposal of the candidate, which will require

- A) a relevant previous master's degree either in engineering or in architecture
- B) the evidence of research interest as outlined in IOE PhD Rules and Regulation document
- C) approval of the PhD research proposal from research area related Departmental Research Committee (DRC) approval

The **second level evaluation** will be based with ranking as per the submitted proposal evaluation by subject experts, interview and other submitted credentials evaluation.

Selection criteria for these category applicants are based upon the following schemes:

Criteria	Marks
Proposal Grading from DRC	10
Masters Degree Grade(/Percentage)	40
Presentation	25
Interview	25
<b>Total</b>	<b>100</b>

### 3. Fellowship Allocation Scheme

There are three types of categories that any applicant can compete for the fellowship award. All the qualified applicants seeking this fellowship should fill in the Fellowship Application Form later.

Allocation Scheme		Reserved	Maximum
IOE Faculty Members	Female	1	2
	Other	1	
NTNU Alumni		1	1
Regular Nominee		0	3
<b>Total maximum</b>		<b>3</b>	<b>3</b>

- a) **IOE Faculty Members:** Any candidate who has been working with permanent teaching position at any constituent campus under IOE (Central Campus Pulchowk, Thapathali Campus, Western Region Campus, Pokhara and Eastern Region Campus, Dharan). IOE Faculty Declaration Form is required to be filled in. Selection among the qualifying applicants under IOE Faculty member category will be processed as per IOE general rule set by fellowship and career development guidelines through IOE Dean Office.
- b) **NTNU Alumni:** Any candidate who has done the previous degree from NTNU is considered as NTNU alumni. First round of applicant selection will be done same for the Regular Nominee category. Double numbers of candidates are selected on the first round of selection and final selection of qualifying applicants under NTNU alumni category will be done from the committee of NTNU Faculty Members and NTNU Project Coordinator.
- c) **Regular Nominee:** All of the regular applicants fall onto this category. In absence of other category applicant Regular Nominee category applicants will be selected.

### 4. Female Candidate Preference

In order to maintain the gender parity on the overall program, female candidates will get preference for rational ranking again in each category.