

# **American Society of Nepalese Engineers (ASNEng)**

## **Engineering Student Advising Program Guidelines**

### **1. Overview**

The ASNEng Engineering Student Advising Program is developed to foster engineering education, research, and life-long learning among engineering students. The program intends to promote technological advancement in Nepal by exposing students to engineering problem solving methods that include defining problem, use of standard and best practices, alternative analysis, evaluation criteria and knowledge sharing. Students in engineering schools in Nepal, the U.S.A., Canada, and other countries can participate in this program and receive guidance on their academic projects (e.g., senior design, research thesis and dissertation) from the members of ASNEng.

### **2. Objectives**

The main objective of this program is to help enhance the educational experience of engineering students by providing them professional and research advising at undergraduate and graduate levels in all engineering fields. Specifically, the program aims at the following:

- support students throughout the project phases - identification, planning, execution, and dissemination of the outcome.
- facilitate skill and technology transfer by data sharing, providing access to knowledge base, and expertise to the extent possible.
- guide students in technical subject matters, professional standards, best practices, and ethical conducts.

### **3. Participants and Interactions**

The envisioned participants and their interactions are outlined below.

(i) Advisees, the students who are working on academic projects as a part of their university degrees. (ii) Faculty advisor, the instructor at the respective university who is guiding the advisees in their project. (iii) ASNEng advisor, a professional within or outside the ASNEng's membership (from academia, industry, or other organization) who voluntarily commits for advising. (iv) Program coordinator, a contact person appointed by the participating institutions and ASNEng to administer the program as needed.

All participants must be in agreement to this guideline and any conflict of interests must be declared before entering the agreement. The project work will be performed at the advisees' respective educational facilities. The extent of advising will be strictly limited to academic/educational and practicing/professional aspects of the engineering projects at hand. All parties involved should keep their commitments and operate in a professional manner. Every effort should be made to protect proprietary or confidential information of the respective affiliated organizations. The ASNEng advisors will be personally responsible for any opinion they express during the interaction throughout the program. Any concerns should be immediately reported to the respective program coordinators, who subsequently shall inform ASNEng Education and Research Subcommittee for resolution.

# American Society of Nepalese Engineers (ASNEng)

## 4. Implementation

ASNEng will call for participation to this program through an announcement posted on its website. The advisees or faculty advisors shall submit an application in response to the announcement. ASNEng will create a roster of advisors and assign them based on their expertise, availability and relevance to the project. A diligent effort will be made to best match the needs. A separate terms and conditions agreement may be established to spell out the detail expectations from each other once the participants are finalized.

During the project work, ASNEng advisors and faculty advisors in Nepal can meet one-to-one to discuss the advisees' needs, progress and performance, as necessary, in addition to the group meetings. The faculty advisors shall be in-charge of the scope, monitor execution, ensure completion of the work on time. All participants will submit an appropriate project completion evaluation form individually in a format provided by ASNEng at the completion of the program. The project team are encouraged to present their work at the ASNEng Annual Conference.

ASNEng advisor must be appropriately credited in the final report, thesis or dissertation. ASNEng should be acknowledged using the language prescribed by ASNEng. ASNEng's name and logo cannot be used or interpreted for any commercial and other for-profit purpose.