

# THE INSTITUTION OF ENGINEERS, SRI LANKA

## Guidelines for Fellowship

Fellow is the senior grade of professional membership and the final milestone in the hierarchical ladder of many a profession and engineering is no exception whether it is Civil, Mechanical, Electrical or any other allied field of engineering. Inclusion into this professional category is considered for engineers, after evaluation of their knowledge, competence and experience based on the basic degree or equivalent with which one qualifies to be an Associate Member.

Introduction of the competence based assessment, for the evaluation of applicants, to confer the Fellowship of the Institution has been decided purely to keep abreast with International Standards.

The guidelines that had come into effect, from August 2010 are as follows:

### **1. Requirements**

Fellows shall comprise every person who has been admitted or transferred into the class of Fellow as long as his name is on the Roll as such,

Every candidate for admission or transfer to the class of Fellow shall satisfy the council that he:

- i. a. Is more than thirty five years of age
- b. Is a Member or has fulfilled the conditions necessary for Membership;
- c. Has had sufficient experience of a nature acceptable to the Council involving at least five years of responsibility in Engineering superior to that required for Membership;
- d. Is, disregarding temporary unemployment, engaged in the practice of or associated with Engineering

**OR**

- ii. a. has such knowledge of engineering and has acquired such eminence in his profession that his admission as a Fellow would in the opinion of the Council advance the interests of the institution;

and

b. is a practicing engineer or is engaged in the furtherance of engineering science.

The council may require any candidate to attend an interview conducted on its behalf in order that he may better satisfy the Council that he possesses the requisite qualifications.

## **2. Submissions**

A candidate should have at least five (5) years superior experience than that is required for Corporate Membership for him to be eligible to apply for the “Fellow”. The candidate is required to submit along with his application a Report on his post Charter Engineering experience. The length of the Report should be between 2000 – 3000 words of which 50% shall be exclusively for demonstration of the Applicant’s achieving satisfactory levels of the six competencies highlighted under “Assessment” below and shall include the following:

- Academic Qualifications
  - Major Subjects and Minor Subjects
  - Awarding Institutions
- Professional Qualifications
  - Specialty / Discipline
  - Awarding Institutions
  - The year of obtaining the Professional Qualifications
- Engineering & Related Achievements
- Development of Design Concepts, Engineering Solutions, R & D and Entrepreneurship
- Cost Saving Designs, Construction and Appropriate Structures
- Publications, Technical Papers presented at National and International fora
- Leadership and Management ( levels of responsibilities )
- Training of Graduates for Corporate Membership
- Continuing Professional Development (CPD) Mentoring, Safety and Environment
- Association / Involvement with professional activities of IESL

## **3. Assessment**

The candidates will be assessed on the Competence Based Assessment Scheme on the following competencies;

- a. Demonstrate knowledge and understanding of the engineering principles
- b. Demonstrate practical application of engineering knowledge and understanding of engineering principles
- c. Leadership and Management
- d. Communication and interpersonal skills
- e. Professional conduct
- f. Involvement with the IESL or other recognized Engineering Institutions

The marking will be at four levels (1 to 4) and the candidate should obtain not less than “Level 3” in competences 1 and 2 and not less than “Level 3” in three out of the balance four competences and not less than “Level 2” for the remaining competence.

#### **4. Guide lines for preparation of the report**

- The report should be submitted in triplicate.
- The report while highlighting the applicant’s Career progression, should be structured to demonstrate and highlight the applicant’s satisfactory achievement of each of the six competencies by giving relevant and appropriate examples such as:
  - a. Competence 2 – Practical Application of Engineering Knowledge  
Give instances where engineering theory has been used by the applicant to create, innovate or solve an already existing problem
  - b. Competence 3 – Leadership and Management  
Give instances where applicant successfully managed a project (s) improved existing systems, has been involved in staff development especially that of subordinate engineers and technical staff or any other.
  - c. Competence 5 – Professional Conduct  
Give instances where applicant successfully used environmentally friendly solutions, applied/improved safe work practices, involvement with the community.