

Myanmar Society of Engineering Educators (MSEE)

Myanmar Society of Engineering Education (MSEE) is to be established under the general guidance of The Institution of Professional Engineers Myanmar (IPEM).

MSEE will have the same Mission & Vision and Objectives of The Institution of Professional Engineers Myanmar (IPEM).

The functions of MSEE

- To promote engineering education & career development of engineering educators in Myanmar.
- To established Registered Engineering Educator (REEd), Registered Senior Engineering Educator (RSEEd) and Professional Engineering Educator-PEEd) registers.
- To provide the links between engineering academic works and practical site works.
- To provide continuing education and professional support for engineering educators in Myanmar.
- To perform the accreditation tasks on engineering educational establishments in Myanmar & overseas by co-operating with EIPEM and International Organizations to comply with AFEO, Washington Accord, Sydney Accord and Dublin Accord

Organizing MSEE

MSEE will compose of the members of Engineering Education & Training Technical Committee of The Institution of Professional Engineers Myanmar (IPEM)., independent observers and advisors from overseas.

Institutional Accreditation

It is to be performed by co-operating with Engineering Accreditation Committee of The Institution of Professional Engineers Myanmar (IPEM) by following the accreditation process & procedures of it.

Individual Accreditation

Individual educators are accredited for registration as Provisionally Registered Engineering Educator (PREEd), Registered Engineering Educator (REEd), Registered Senior Engineering Educator (RSEEd) and Professional Engineering Educator-PEEd).

Advantage of registration

Although teaching is not the task which is concerned with public safety and anyone with relevant education, training and experience can teach in adult vocational education and training course and it is not compulsorily required to have the registration, the advantages of registration are as follows-

- It will assist the educational establishments to get the accreditation if the courses are taught by registered educators.
- It will provide the formal recognition of the teaching experiences in engineering and related disciplines by the teachers and educators.
- It will assist the educators in their career developments.

□ It will assist educational quality control, educational resources planning, educational management, curriculum development and educational developmental tasks.

Registration requirement & procedures

(1) Provisionally Registered Engineering Educator (PREEd) & Registered Engineering Educator (REEd)

Tasks

Provisionally Registered Engineering Educator (PREEd) & Registered Engineering Educator (REEd) performs the teaching tasks in engineering education including teaching materials preparation, assessment, students management, educational records keeping, educational management & quality control at classroom level and course development for the courses that they are teaching.

The teachers who are not from engineering backgrounds but they teach the supporting subjects at technical institutions can also be regarded as engineering educators.

Qualifications & Experience Requirements

Engineering qualifications accepted by The Institution of Professional Engineers Myanmar (IPEM) with Graduate or Associate Membership or achieved Site Engineer status. The teachers who are not from engineering backgrounds but they teach the supporting subjects at technical institutions should have Supporter Membership of The Institution of Professional Engineers Myanmar to be included in the classification as Engineering Educator.

The following experiences are required.

- Working in engineering educational establishments in Myanmar or overseas either in government or non government institutions.
- Completion of Basic Engineering Education & Accreditation 2 weeks Course provided by The Institution of Professional Engineers Myanmar
- Completion of Certificate in Vocational Education & Training which was concurrently provided during two weeks training
- For the teachers who can not attend the course personally can attend it by online or distance learning mode.
- The teachers who are working in engineering educational establishment but have not completed Basic Engineering Education & Accreditation 2 weeks Course provided by The Institution of Professional Engineers Myanmar & Certificate in Vocational Education & Training can be classified as Provisionally Registered Engineering Educator (PREEd) upon having assessed their applications by MSEE.
- The teachers who have met all of the above requirements can be classified as Registered Engineering Educator (REEd) upon having assessed their applications by MSEE.

(2) Registered Senior Engineering Educator (RSEEd)

Tasks

Registered Senior I Engineering Educator ((RSEEd) undertakes the leading role and performs the departmental management tasks in engineering education including providing the supervision tasks related to teaching materials preparation, assessment, students management, educational records keeping, educational management & quality control at the whole institution level and course development for the department . They also set up , direct

and guide the policies and direction for the department. They provide assistance to their superiors in strategic management and strategic decision making.

The teachers who are not from engineering backgrounds but they undertake the leading role and manage the department to teach the supporting subjects at technical institutions can also be regarded as Registered Senior Engineering Educator.

Qualifications & Experience Requirements

Have met the all requirements for REEd

PLUS any of the followings

1) Admitted as Member of The Institution of Professional Engineers Myanmar (MIPEM) or have achieved CEng/CPEng Registration and minimum of 7 years experience in providing workplace training or classroom based training and teaching at government or non government educational institutions or engineering field works. PLUS Completion of Certificate in Vocational Education & Training (Cert VET)

OR

2) Hold minimum of Assistant Lecturer & above at Government TU/GTC/ equivalent

position other Government engineering training institutions with minimum of 7 Years teaching experience in engineering PLUS Completion of Diploma in Vocational Education & Training (DipVET) OR other equivalent courses.

OR

3) Possess 7 years teaching experience at the position below Assistant Lecturer at Government TU/GTC/other Government Engineering training institutions OR Private Engineering Training Institutions PLUS Completion of Diploma in Technical

Teaching (DipTech Tchg) OR other equivalent courses.

Application & Relevant Assessment of documentations such as teaching portfolios/ references/ (industrial experience or research or laboratory practice or practical project or thesis or completion of practical CPD/PDP courses)/ curriculum vitae etc are required to be submitted to MSEE/.

Completion of Postgraduate Diploma/ Master/ PhD in Engineering which are not compulsory but can be taken into consideration

(3) Professional Engineering Educator (PEEd)

Tasks

Professional Engineering Educator ((PEEd) undertakes the leading role and performs the whole institutional management tasks in engineering education including providing the supervision tasks related to teaching materials preparation, assessment, students management, educational records keeping, educational management & quality control at the whole institution level and course development for the whole institution . They also set up , direct and guide the policies and direction for the whole institution. They provide the strategic management and strategic decision making.

Qualifications & Experience Requirements

Have met the all requirements for RSEEd

PLUS any of the followings

1) Hold Associate Professor at TU/GTC/ equivalent position at Other Government engineering training institutions PLUS Completion of Diploma in Technical Teaching/ Diploma in Engineering Education OR Equivalent Courses PLUS Management Qualifications/Experience.

OR

2) Hold Professor & Above position at TU/GTC/ equivalent position at Other Government engineering training institutions PLUS Management Qualifications/Experience

Optional Completion of Diploma in Technical Teaching/ Diploma in Engineering Education
OR Equivalent Courses OR

3) Possess 10 years teaching experience at Government TU/GTC/other Government
Engineering training institutions OR Private Engineering Training Institutions

(for RSE/PE it will be 7 Years) PLUS Completion of Diploma in Engineering Education-
(Specialist) OR Equivalent Courses PLUS Management Qualifications/Experience.

The teachers with appropriate engineering practical experience can seek the conversion to
RE/RSE/PE in accordance with relevant policies and assessment procedures of Myanmar
Engineering Council.

Refer the flow diagram.

Note

Registered Engineering Educator (REEd)-

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Registered Senior Engineering Educator (RSEEd) –

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Professional Engineering Educator-PEEd).

မှတ်ပုံတင်ပညာရှင်အင်ဂျင်နီယာဆရာ

**Registered Engineering Educator (REEd)/Registered Senior Engineering Educator(RSEEd)/
Professional Engineering Educator (PEEd) career flow diagram (Teaching & Practical Site conversion)**



