



**INDIAN SOCIETY
OF
STRUCTURAL ENGINEERS**



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Ref: AICTE/Engineers bill/568

Date: 10 April 2025

To,

All India Council for Technical Education

Ministry of Education, Govt. Of India,

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070

Subject: - Draft Professional Engineers Bill for comments/inputs from ISSE.

Kind Attn: Dr. Amit Dutta

Director, Policy Academic planning directorpnep@aicte-india.org

Dear Sir,

We, the **Indian Society of Structural Engineers (ISSE)**, are writing to you with regard to the proposed Draft Professional Engineers Bill and the crucial role All India Council for Technical Education (AICTE) will play in its implementation and related policy frameworks.

Indian Society of Structural Engineers (ISSE) is one of the leading professional bodies in India, catering to the professional needs of individuals and organisations involved in civil /structural engineering.

ISSE is **27** year old professional body. We currently have a strong and growing membership of over 3000 Civil Engineers across India. We currently have **9 Local Centres and 10 Students chapters** with engineering colleges.

To meet the objectives of ISSE, we conduct varieties of programs like webinars, Seminars, Workshops, site visits, interaction with students' interaction with professional & academia etc. These events prove to be a unique platform, for all the Practicing Engineers, Academics, Consultants and Researchers make their participation, to

discuss the issues, to share their views and experience on the civil engineering /structural engineering related matters.

Our membership comprises of practicing engineers, academicians, researchers, industry professionals, organization members, Institution members, junior members.

ISSE contributes to the development of codes and standards.

We have quarterly **technical publication** with latest information, case studies and knowledge sharing among the fraternity. We have published books on Performance Based Seismic Design of Buildings-The Indian Context , seminar proceedings on various topics , Manual of practices for professional structural design consultants, structural health evaluation vis a vis prescriptive Mandatory format of Structural Audit. For more details our website can be referred to www.isse.org.in

ISSE helped in modifying the certification formats which is part of Unified Development Control Provisions and Regulations UDCPR for Maharashtra State.

We are confident that the inclusion of an ISSE representative will significantly enhance the comprehensiveness and effectiveness of the AICTE's deliberations on the Engineers Bill. We are eager to contribute our expertise and collaborate with AICTE in this important endeavor.

We would like to have following comments / suggestions on the proposed draft engineers bill

1. **Indian Society of Structural Engineers (ISSE)** shall have minimum two permanent seats in 27 members proposed Indian Professional Engineers' council (IPEC).
2. **Participation of practicing civil engineers:** This bill is for all engineering disciplines. Compared to other streams, more civil engineers are in professional practice. Therefore, we request to consider more practicing civil engineers and their associations in the council in proportion to their membership strength.
3. **SOP for registration :** We feel that Standard Operating Procedure (SOP) to be specified for registering Professional Engineers through LMO to have uniformity in the process across the country. One national register of P. Engineers should be maintained which is accessible in public domain to avoid misuse of the title by non-professionals.
4. **Registration:** Bill states that first register for practicing engineers will be for those having more than 25 years of experience. We suggest to have various categories of registrations (like in Civil engineering : Structural engineers, Bridge engineers, Site engineers / supervision engineers , Geotechnical engineers, Environmental engineers, Valuers, Liaison engineers etc.) along with gradation (Junior level 5 to 10 years experience, Middle level 10 to 25 years experience and Senior level more than 25 years experience). For qualification and competence, guidelines given in National building code of India can be followed.

5. **Local state level registrations:** Suitable transition period of 2 years is to be provided for validity of local licenses given by states and municipal corporations till the registration process in various categories is completed at national level. After the transition period, only national level license should be acceptable across India and local licenses should be cancelled. "One nation one registration" should be followed for PEs similar to arrangement for medical professionals and architects. This must be mentioned in the bill that central level registration will override all other registrations after the transition period.
6. **Renewal of registration and CPD:** National level mechanism needs to be established for renewal of registrations and continuing professional development (CPD) assessment. It may be necessary to define minimum CPD hours every year for updating the knowledge of P. Engineer before renewal of license.
7. **Legal protection to Structural Engineers:** Civil and structural engineers are arbitrarily arrested for any accident or failure without any investigations. Protection to civil engineers must be provided in the bill. No action against the engineers can be initiated without any evidence of professional negligence or investigation report and findings from technical committee. There should be SOP for framing of charges of negligence by PEs and trial by the committee formed of local technical committee of PEs.
8. **Minimum fees:** Minimum level of professional fees for various type of services shall be mandated in the form of percentage of execution cost.

We hope that you will consider our comments and suggestions and incorporate it in the draft bill. Thanking you.

Sincerely yours,



Hemant Vadalkar

President

ISSE

