

PATH TO REGULATION OF CIVIL ENGG PROFESSION IN KARNATAKA

The Journey of Enactment of

KARNATAKA PROFESSIONAL CIVIL ENGINEERS ACT-2024

GAZETTED ON 10.06.2024

By

5-Lakh Civil Engineers of Karnataka

(Er Ajitkumar S M, General Secretary, KPCEA-Steering Consortium)

To build public awareness around the vital role of Civil Engineers in creating safe and durable homes, a walkathon was organized in Bengaluru. Practicing Civil Engineers and students, walked through the city, holding banners and spreading the message of how a strong civil engineering profession safeguards the built environment. Following this, several brainstorming meetings were held to chart the future of the civil engineering profession. These gatherings brought together key stakeholders to discuss the way forward, including how to strengthen the profession and advocate for formal legislation like the KPCEA.

APPEAL

Government of the State of Gujarat enacted Gujarat Professional Civil Engrs Act-2006 based on the technical committee reports of 7.9 EQ disaster of 2001.

Are we waiting for such disaster in Karnataka also to enact such an Act?

WE, 5-LAKH CIVIL ENGINEERS OF KARNATAKA APPEAL GOK FOR ENACTMENT OF

***“KARNATAKA STATE PROFESSIONAL CIVIL ENGINEER’S
ACT”***

TAKE AWAYS AFTER ENACTMENT OF KPCEA-1

- (1) The profession will be regulated bringing in a system that will ensure accountability, quality, safety, Professionalism, which directly **benefits the society**.
- (2) The regulation will cause **single point registration** of all civil Engineers across the state of Karnataka, widening the Professional's scope of rendering services.
- (3) The regulation will **eradicate "Quackery" in Civil Engg**, making the Profession safe & sound.
- (4) The Regulatory System will ensure that unqualified persons are barred from executing Civil Engg works. This will drastically **reduce the failures of building collapses, fire hazards, flooding/cyclonic damages**, etc.
- (5) The regulation will make it mandatory for all CIVIL Engg works to be executed by "Professional Civil Engineers" only which will **ensure quality, timely, economical & sustainable projects**. This will have direct positive impact on government, Private & Public works/projects, ensuring the middle & lower level strata of the society reaps the benefits.
- (6) The system will regulate every Professional Civil Engineer in **updating themselves with the latest technological advances** which can be effectively implemented in their day to day works.

10-EPISEDE WEEKLY WEBINAR SERIES ON PROFESSIONALISM IN CIVIL ENGG



ASSOCIATION OF CONSULTING CIVIL ENGINEERS (INDIA)

BANGALORE CENTRE

PRESENTS

Supporting Organisation



Webinar Series PROFESSIONALISM IN CIVIL ENGINEERING

Every Saturday between 1630 – 1800 HRS
from 12.06.2021 to 21.08.2021



BRIEF ABOUT PROFESSIONALISM IN CIVIL ENGINEERING

A Civil Engineer is a professional who applies scientific knowledge to create Housing, infrastructure and common utilities of human needs. It will not be out of context to mention that **Civil Engineering**, one of the oldest and largest profession, is facing tremendous challenge for its existence and supremacy in India. This noble profession is left in the lurch to suffer at the behest of administrators in government service, unqualified elements in private sector coupled with dilution of civil engineering curriculum over 2–3 decades (probably due to the lobbying of other professional bodies).

On the contrary, even smaller professional bodies like Nursing, Chartered Accountants, Agriculture Graduates, etc are recognised by the act of Parliament, long ago, resulting in a statutory regulating body for each of the professions respectively.

Civil Engineering profession is squeezed and engulfed by unqualified and unethical elements taking undue advantage due to absence of control regulations. In a nutshell, this very noble profession is in turmoil resulting in direct impact on the society/ country.

Therefore, there is an urgent need to collaborate, corroborate, deliberate and move in a direction that will make one step closer to having a professional regulating body for Civil Engineering.

ACCE(I), Bangalore Centre, a premier professional body in the country is organising a 11-week webinar series on such professional issues for the first time in the country. Eminent and experienced professionals from across the country will share their views during the webinar. A must attend webinar series to know about the locus standi of your profession be it in government service, private service, academics or student body of Civil Engineering.

Programme Co-ordinator



Er. Shrikant S Channal
Chairman, ACCE(I)
Bangalore Centre

Programme Moderator



Dr. Manmohan R Kalgal
Past Secretary General, ACCE(I)
Past President, ICI & Past VP, IAStructE
Technical Advisor
UltraTech Cement Ltd. Bangalore



Webinar Series PROFESSIONALISM IN CIVIL ENGINEERING

Date : 12.06.2021 Time : 1615 to 1630 Hrs

Inauguration

Date : 12.06.2021 Time : 1630-1800 Hrs.

Building Bye-laws & Building Failure-An Overview

Er. Sangeeta Wij
Managing Partner,
SD Engineering Consultants



Date : 19.06.2021 Time : 1630-1800 Hrs.

Unprofessionalism in Government and Private Organisations

Er. P Surya Prakash
MD, SatyaVani Projects and Consultants Pvt. LTD.
FT, Smart Infr-EST.



Date : 26.06.2021 Time : 1630-1800 Hrs.

Legal Disputes on Civil Engineer's Competence in India

Er. Avinash Shirode
Consulting Engineer and
Past President ACCE(I)



Date : 03.07.2021 Time : 1630-1800 Hrs.

Competence of Civil Engineer as per NBC – Part 2 and Negligence of State Governments

Er. Sanna Ratnavel
Chief Executive,
Infrastructure Systems Consultant,
Soeba Consultancy Services, Madurai



Date : 10.07.2021 Time : 1630-1800 Hrs.

Construction Industry, Employability and Civil Engineering Curriculum

Dr. Arvind Galgali
Professor, Dept. of Civil Engineering
KLE Technological University Hubli &
Former Adviser to Minister of Water Resources
Govt. of Karnataka, Bengaluru



Date : 17.07.2021 Time : 1630-1800 Hrs.

Model Building Bye Laws & It's Impact on Civil Engineers

Er. Raju Gogia
Principal Consultant
Engineering Projects Consultants, N. Delhi



Date : 24.07.2021 Time : 1630-1800 Hrs.

Case study – System Failure in Public Administration of Construction Field

Dr. A Joseph
Director of Geotechnicals (P) Ltd
Cochin



Date : 31.07.2021 Time : 1630-1800 Hrs.

Necessity of Regulating Indian Civil Engineers & Role of Professional Bodies

Er. Sanna Ratnavel
Chief Executive,
Infrastructure Systems Consultant,
Soeba Consultancy Services, Madurai



Date : 07.08.2021 Time : 1630-1800 Hrs.

Civil Engineering Profession- Past, Present and Future

Prof. M Tandon
Managing Director,
Tandon Consultants Pvt Ltd



Date : 14.08.2021 Time : 1630-1800 Hrs.

A Model Civil Engineering Bill

Er. D Ranganath
Structural Consulting Engineer & Builder
Bangalore



Date : 21.08.2021 Time : 1630-1815

Panel Discussion and Course of Action Speakers & Invitees

NOTE: Each Session will be of 90 Minutes duration (60 Mnts Lecture+10-mnts Technical Teaser by ULTRA-TECH + 20 mnts Q & A)

Er. Shrikant S Channal
Chairman

Er. Ajitkumar S M
Secretary

Er. P L Shashidara
Treasurer



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ASSOCIATION OF CONSULTING CIVIL ENGINEERS (INDIA)

BANGALORE CENTRE



BUILDING SAFETY

WALK A-THON

When: 25.11.2021, Thursday
10 AM to 1.30 PM

Where: Freedom Park
Opp. Maharani's College, Bengaluru

To Highlight Importance of Civil Engineers involvement and NBC – Provisions for a Safe & Sustainable Building

IF SAFETY IS YOUR RESOLUTION CIVIL ENGINEERS ARE YOUR SOLUTION

Come, Walk, Join Hands to Build Safe Namma Bengaluru

Safety Walkathon held on 25th Nov, 2021

The journey began with an initiative to raise awareness about the critical role of civil engineers in the construction industry. A large-scale event, known as the "Safety Walkathon," was organized, which saw the participation of over 3,000 civil engineering professionals, students, and industry members. These participants marched from different parts of Bengaluru—East, West, North, and South—and converged at Freedom Park. The event aimed to highlight the importance of civil engineers in maintaining safety standards and ensuring quality in construction projects. During this event, a memorandum was submitted to the Chief Minister of Karnataka, emphasizing the need for formal recognition and regulation of the civil engineering profession through the KPCEA.

PLAY-CARD PROVERBS FOR WALKATHON

Date: 05.11.2021

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- (1) To build Safe House consult Civil Engineer
- (2) True Beauty of your house is in it's safety
- (3) True beauty of our building is it's safety
- (4) Safe House is Beautiful House
- (5) Behind any beautiful building there must be a Civil Engineer
- (6) For every Beautiful building you need Civil Engineers
- (7) If God gives strength to your body, Civil Engineer provides strength to your House.
- (8) Doctor is for human body's health; Civil Engineer is for Building's health.
- (9) To Reap Good sow good. To live happily build Safe House.
- (10) To live happily Build your house Perfectly.
- (11) Want to get good sleep? Build good Building.
- (12) Good Building can be build only on firm foundation.
- (13) All that glitters is not Gold: All that shines is also not necessarily safe
- (14) Where there's a will there's a way (Civil Engineer).

ಕಟ್ಟಡದ ಗಾದೆಗಳು

- (1) ಸುರಕ್ಷಿತ ಮನೆ ನಿರ್ಮಿಸಲು ಸಿವಿಲ್ ಎಂಜಿನಿಯರ್‌ಗಳನ್ನು ಸಂಪರ್ಕಿಸಿ
- (2) ನಿಮ್ಮ ಮನೆಯ ನಿಜವಾದ ಸೌಂದರ್ಯವೆಂದರೆ ಅದು ಸುರಕ್ಷಿತ
- (3) ನಮ್ಮ ಕಟ್ಟಡದ ನಿಜವಾದ ಸೌಂದರ್ಯವೆಂದರೆ ಅದರ ಸುರಕ್ಷತೆ
- (4) ಸುರಕ್ಷಿತ ಮನೆಯೇ ಸುಂದರವಾದ ಮನೆ
- (5) ಯಾವುದೇ ಸುಂದರವಾದ ಕಟ್ಟಡದ ಹಿಂದೆ ಒಬ್ಬ ಸಿವಿಲ್ ಇಂಜಿನಿಯರ್ ಇದೇ ಇರುತ್ತಾನೆ.
- (6) ಪ್ರತಿ ಸುಂದರ ಕಟ್ಟಡಕ್ಕೂ ನಿಮಗೆ ಸಿವಿಲ್ ಇಂಜಿನಿಯರ್‌ಗಳು ಬೇಕೇ ಬೇಕು.
- (7) ದೇವರು ನಿಮ್ಮ ದೇಹಕ್ಕೆ ಶಕ್ತಿಯನ್ನು ನೀಡಿದರೆ, ಸಿವಿಲ್ ಇಂಜಿನಿಯರ್ ನಿಮ್ಮ ಮನೆಗೆ ಶಕ್ತಿಯನ್ನು ನೀಡುತ್ತಾನೆ.
- (8) ವೈದ್ಯರು ದೇಹದ ಆರೋಗ್ಯಕ್ಕಾಗಿ; ಸಿವಿಲ್ ಇಂಜಿನಿಯರ್ ಕಟ್ಟಡದ ಆರೋಗ್ಯಕ್ಕಾಗಿ.
- (9) ಒಳ್ಳೆಯದನ್ನು ಕೊಯ್ಯಲು ಒಳ್ಳೆಯದನ್ನು ಬಿತ್ತಿ. ಅದೇ ರೀತಿ ನೆಮ್ಮದಿಯಿಂದ ಇರಲು ಸುರಕ್ಷಿತವಾಗಿ ಮನೆ ಕಟ್ಟಿ.
- (10) ಸಂತೋಷದಿಂದ ಬದುಕಲು ಮನೆಯನ್ನು ಪರಿಪೂರ್ಣವಾಗಿ ಕಟ್ಟಿಕೊಳ್ಳಿ.
- (11) ಉತ್ತಮ ನಿದ್ರೆ ಪಡೆಯಲು ಬಯಸುವಿರಾ? ಪರಿಪೂರ್ಣವಾದ ಕಟ್ಟಡವನ್ನು ನಿರ್ಮಿಸಿ.
- (12) ಸುರಕ್ಷಿತ ಕಟ್ಟಡವನ್ನು ಉತ್ತಮ ಅಡಿಪಾಯದಿಂದ ಮಾತ್ರ ನಿರ್ಮಿಸಲು ಸಾಧ್ಯ.
- (13) ಹೊಳೆಯುವುದೆಲ್ಲ ಚಿನ್ನವಲ್ಲ; ಹೊಳೆಯುವುದೆಲ್ಲ ಸುರಕ್ಷಿತವೂ ಅಲ್ಲ.
- (14) ಮನಸಿರುವಲ್ಲಿ ಮಾರ್ಗವಿದೆ. ಸಿವಿಲ್ ಇಂಜಿನಿಯರ್ ಇರುವಲ್ಲಿ ಸುರಕ್ಷತೆ ಇದೆ.