

POSITIVE OUTCOME OF KARNATAKA PROFESSIONAL CIVIL ENGINEERS BILL (KPCEA)

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Civil Engineering Technology is the core Engineering sector that contribute towards **Safe & sustainable development** of the society and one of the main contributors to the **economy** of the country. Currently, with no regulation, Civil Engineering industry is flooded with individuals(Quacks) having inappropriate qualification, causing chaos in the industry resulting in huge wastage of materials, labour, finance as well as **constructing unsafe buildings**.

For a profession to have a statutory status to render it's Professional services, an Act has to be passed in the state assembly, which will create a system to regulate the profession.

Some of the positive takeaways after enactment of Karnataka Professional Civil Engineers Act that benefit the profession of Civil Engg in particular & the Society on the whole are as follows: -

- (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.
- (7) The system will ensure that all codal procedures outlined in BIS-Codes & National Building Code (NBC) are strictly followed across State of Karnataka effectively.

- (8) The system will bring in “Accountability” amongst the Professional Civil Engineers & take stringent action for any failures in the execution of their responsibilities & any misdemeanours.
- (9) The “Regulation of Professional Civil Engineers” will have a cascading effect on the work force in enhancing their skill-sets thereby improving the quality & health of the project.
- (10) The Act will enhance the status of Professional Civil Engineers motivating them to serve the society to a much greater extent.
- (11) Regulation of Civil Engg Profession will improve the employment opportunities of Civil Engineers thus attracting more & more persons to opt for Civil Engg career.
- (12) The Regulation will have direct impact on more students opting for Civil Engineering thus making academia more vibrant in teaching/ training.
- (13) The regulating system will have a direct impact on the teaching faculty of civil engineering departments enhancing the quality of education and therefore the quality of graduating students. Is this insures quality professional civil engineers available for the industry.
- (14) The regulating system will have a mechanism to receive complaints against any technical flaws by its members. A Disciplinary Committee will be formed which will prepare a detailed technical investigative report on the subject of the complaint. This report will be effectively used by the council to take a decision on the matter.
- (15) The regulating system in all its fairness will protect the interests of its members in particular and the Profession at large.

Any time a Professional Civil Engineer does not measure up to the high levels of competence, professional honesty and integrity, the status of PGCE or PDCE will be withdrawn.