

Dear Readers,

A Century of Concrete Thought: Building Knowledge, Building India

As the Indian Concrete Journal (ICJ) enters its 100th year of publication, this milestone offers more than an occasion to commemorate its journey – it invites reflection on a century of ideas that have shaped India’s entire built environment. Since its inception, ICJ has stood as a trusted forum for knowledge dissemination, where rigorous engineering thoughts are shared passionately with all – translating into enduring infrastructure.

Over this hundred-year journey, the Journal has curated and disseminated more than 6,000 manuscripts, authored by over 18,000 contributors from India and across the world. Each paper has been shaped, refined, and strengthened through the collective wisdom of more than 250 reviewers, whose critical evaluation ensured technical rigor and relevance apart from timeliness of the correct art through double-blind review process. Thanks to these efforts, ICJ has touched countless institutions – universities, research laboratories, consulting companies, construction firms, and public agencies – becoming an integral part of the academic and professional lives of generations of academics and practicing engineers.

The Journal has been enriched by the exemplary stewardship of editors, the insight of contributors, and the contribution of authors – Indian and international – who have generously shared original high-impact research, case studies, and innovations. Together, they have created a living archive that chronicles the evolution of concrete technology, materials science, structural designs, construction practices, and sustainability, reflecting both global advancements and India’s unique engineering challenges.

Truly, ICJ’s enduring strength lies in its ability to bridge academia and professional practice. For students and researchers, it has provided a respected platform to disseminate findings; for practicing engineers and industry professionals, it has offered relevance, applicability, and lessons grounded in real-world experience. This dual commitment has ensured that theory and practice advance together, anchored in evidence, responsibility, and technical excellence.

As India progresses towards the vision of Viksit Bharat, with infrastructure of global standards as a central pillar of national development, the role of this knowledge community becomes ever more vital. The demands of scale, speed, durability, safety, sustainability, and resilience call for advancing technologies, continuous learning, and informed decision-making for on-field implementation. The collective wisdom nurtured through the ICJ continues to guide the knowledge creation, technology development, planning, design, and execution of built infrastructure that will serve generations.

At this centenary moment, a special note of gratitude is due to all stakeholders who have served the ICJ in different capacities over the decades on a pro bono basis: the editors, editorial board members, and reviewers. Supported by an Editorial Board spanning continents, disciplines, and domains of expertise, these professionals have devoted their invaluable time, judgement, and experience without expectation of recognition. Their quiet, often unseen commitment – through rigorous peer review, thoughtful mentorship of authors, and steadfast stewardship of standards – has been fundamental to preserving the Journal’s credibility, relevance, and global impact. Their service exemplifies professional responsibility in its highest form and stands as a cornerstone of the ICJ’s century-long contribution to knowledge, nation-building and doing science at global scale.

As ICJ reflects on a century defined by collaboration and community, it now calls upon the next generation of engineers – students, researchers, and young professionals – to take up this mantle. By researching, writing, reviewing, and sharing knowledge, they will carry forward this legacy and help shape the future of India’s infrastructure. We also appreciate the readership for their camaraderie with the ICJ.

One hundred years on, the ICJ stands not only as a record of the past, but as a compass for the future – rooted in knowledge, strengthened by collaboration, and dedicated to building a stronger, smarter, and more resilient India and world community.

Best Regards,
Priti Saldanha
Production Editor