

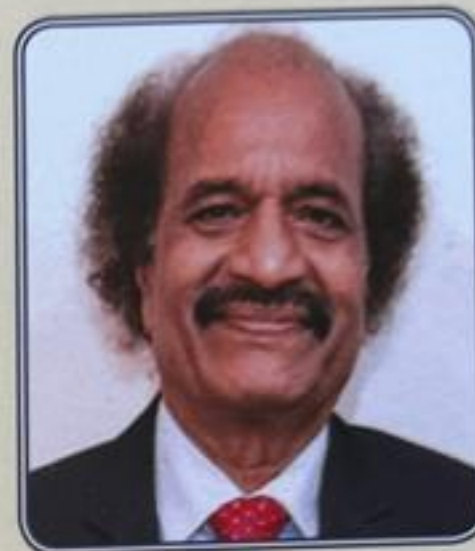


Engineering Council of India

Eminent Engineer's Award 2024

CITATION

Professor (Dr.) Ganapati D. Yadav is one of India's most accomplished engineering scientists, internationally renowned for his groundbreaking contributions to science, technology, innovation, and policy. He currently holds the prestigious *National Science Chair* from the Government of India and serves as *Emeritus Professor of Eminence* at the Institute of Chemical Technology (ICT), Mumbai, where he earlier served as Vice Chancellor (2009–2019).



A prolific scholar and technologist, Professor Yadav has received over 150 rare and distinguished awards spanning Green Chemistry, Catalysis, Chemical Engineering, Energy, Biotechnology, and Nanotechnology. On January 7, 2025, he was awarded the *Bhatnagar Fellowship*—CSIR's highest honour—for his pioneering research in net-zero emissions, green hydrogen, CO refineries, and the valorization of biomass and plastic waste. Several of his innovations are currently at pilot scale and poised for commercialization. He was also honoured as *Rasayan Maharatna* by the Indian Chemical Society during its centennial year.

A visionary in building academia–industry linkages, Professor Yadav advises multiple national and international bodies and serves as a consultant and policy influencer across sectors. He holds adjunct positions at the University of Saskatchewan (Canada), University of Newcastle (Australia), IIT Guwahati, and SOA University, Bhubaneswar.

A *Padma Shri* awardee (2016), he is a fellow of India's premier science and engineering academies—INSA, INAE, IASc, and NASI—as well as TWAS. Notably, he is one of only 23 living Indians elected to the U.S. *National Academy of Engineering* and the second Indian elected to the U.S. *National Academy of Inventors*.

Among his many accolades are the *Bharat Ratna Dr. A.P.J. Abdul Kalam Award for Science and Technology* (2022), *SASTRA C.N.R. Rao Award* (2024), and *Advantage India Chemical Conclave Award* (2024). In 2023, he was listed among *Asia's Top 100 Scientists* by *Asian Scientist Magazine* and received the *Excellence in Catalysis Research Award* from the Association of Catalysis Societies of Asia Pacific. He holds 136 patents.

Professor Yadav plays a pivotal role in shaping India's science and technology ecosystem through his service on AICTE panels, DST committees, and the National Hydrogen Infrastructure Committee. In 2024, he delivered a keynote address at *National Science Day* and now chairs two national committees for advancing India's hydrogen economy.

As Vice Chancellor of ICT Mumbai, he catalyzed the transformation of the institution by establishing two new campuses, 23 academic programs, five departments, and multiple Centres of Excellence, while mobilizing over ₹1800 crore in funding. His research productivity is phenomenal: 570 research papers, 136 patents, 3 books, an h-index of 71, i10-index of 372, and over 20,000 citations. He has mentored 115 Ph.D., 153 Master's, and 48 postdoctoral scholars. His legacy has been honoured through *Festschrifts* by *Industrial & Engineering Chemistry Research*, *Journal of the Indian Chemical Society*, and the *SusChemE 2.0 Conference* (2023).

He currently serves as an Independent Director on the boards of eight leading companies, including Godrej Industries, Clean Science & Technology, and Meghmani Organics. He has served on editorial boards of top-tier journals and received multiple lifetime achievement awards from IChE, ICC, IDMA, and others.

President of the Indian Chemical Society and the Maharashtra Academy of Sciences, Professor Yadav is also a published poet and author in Marathi and English. Deeply engaged in Sanskrit, Vedas, and philosophy, his persona reflects a rare fusion of scientific excellence and cultural depth.

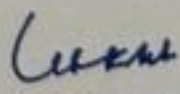
Engineering Council of India

is proud to confer on

Professor (Dr.) Ganapati D. Yadav

Eminent Engineer's Award 2024, in the Research and Consultancy Category

New Delhi
April 28, 2025


(Dr. Uddesh Kohli)
Chairman, ECI



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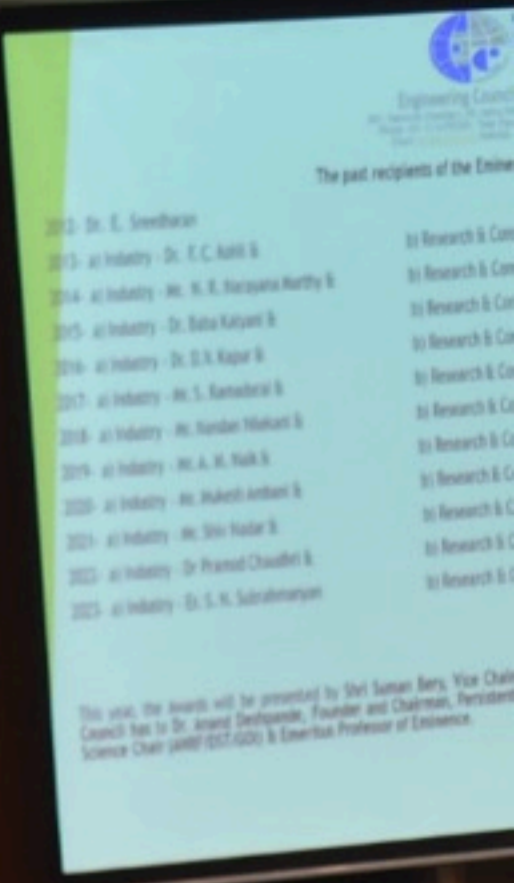
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