



## **Prof. Makarand (Mark) Hastak, Ph.D., P.E., CCP, CRIS, MASCE**

Dr. Hastak is Professor and the Derrlan Family Head of Construction Engineering and Management as well as Professor of Civil Engineering at Purdue University. He is also an Honorary Distinguished Visiting Professor at Tsinghua University in China. Dr. Hastak has assisted the construction industry for the past 33 years through consulting, research, teaching, and service to the community. Prof. Hastak is recognized around the world as an expert in the area of construction engineering and management with specific expertise in profitability of construction companies, disaster risk reduction, debris removal, sustainable construction, infrastructure management, cost control, project management, risk management, factory-built housing, contracts, warranties, modular construction, and strategic planning. He is a licensed Professional Engineer (PE), a Construction Risk Insurance Specialist (CRIS), and a Certified Cost Professional (CCP). Prof. Hastak has worked on numerous projects sponsored by the NSF, State DOTs, City Agencies, and the Construction Industry Institute (CII). As a Fellow of the American Council on Education (cohort of 2013-14) at Cornell University his work focused on the various facets of Hybrid RCM budget, engaged institution, and Public-Private Partnership in academia.

He is the current President of the International Council for Research and Innovation in Building and Construction (CIB) (<https://cibworld.org/>). Also, he serves as the Academic Advisor to the CII Downstream and Chemicals Committee (DCC) as well as the Department of Building and Real Estate, Hong Kong Polytechnic University, Hong Kong. As an educator and consultant, he has given over 50 keynotes and invited lectures around the world. Prof. Hastak has authored/co-authored over 200 publications and reports in his area of expertise as well as co-authored and edited three widely used books (1) *Infrastructure Planning, Engineering, and Economics* (McGraw-Hill 2006 and 2015), (2) *Skills and Knowledge of Cost Engineering* (AACE 6<sup>th</sup> Ed. 2015), and (3) *CCP Certification Study Guide* (AACE 2<sup>nd</sup> Ed. 2016). He served on the AACE Education Board from 2004-2016. In 2012, Prof. Hastak chaired the ASCE Construction Research Congress and co-edited the conference proceedings. He was also the Editor-in-Chief of the ASCE Journal of Management in Engineering (2009-2016) and currently serves on its board. He is one of the founders and the past chair of the GLF-CEM, the Global Leadership Forum for Construction Engineering and Management programs (<https://glf.cem.ecn.purdue.edu/>) and currently serves as the Chair of the Advisory Board and member of the ExCom. From 2008-2010, he served as the Chair of the National Consortium of Housing Research Centers (NCHRC) and was the invited Scholar-in-Residence (2006) at the National Association of Home Builders (NAHB) Research Center. Dr. Hastak has developed and managed (2007-2019) several websites as a public service to the industry, such as:

1. Emerging Construction Technologies (ECT): highlights innovative construction technologies (<https://docs.lib.purdue.edu/ect/> and <https://engineering.purdue.edu/ECT>)
2. Purdue Index for Construction (Pi-C): illustrates the periodic health of the construction industry (<https://cem.ecn.purdue.edu/pi-c/main.php>)

Dr. Hastak received his BE (Civil) from Nagpur University, India, MSCE from the University of Cincinnati, and PhD (Civil) from Purdue University, USA. In addition, he is a trained university planner through SCUP and has received training at Cornell University in Executive Leadership, Financial Management, and Advanced Strategic Human Resource Management. Dr. Hastak has completed 30-Hour OSHA Hazard Recognition Training for the Construction Industry. He has worked at Georgia Tech, NYU, University of Cincinnati, and currently at Purdue University.

**URL:** <https://engineering.purdue.edu/CEM/> ; **Email:** [hastak@purdue.edu](mailto:hastak@purdue.edu)

**Phone:** (765) 430-1981 (C); <https://www.linkedin.com/in/makarand-mark-hastak-013810167/>