



One Page Resume of Prof. Deepankar Choudhury, FNASc, IIT Bombay, Mumbai, India

Prof. Deepankar Choudhury is Prof. T. Kant Chair Professor (HAG) and Head of Civil Engineering department at Indian Institute of Technology (IIT) Bombay, Mumbai, India. Always first class first rank holder and Gold Medalist throughout academics in BE (Gold Medalist) Civil Engg. from Jadavpur University Kolkata, India in 1997, ME (Gold Medalist) Civil Geotechnical Engg. from IISc Bangalore, India in 2000 and PhD in Civil Geotechnical Earthquake Engg. (with Prof. G.A. Leonard's Best PhD Thesis Award in India from Indian Geotechnical Society for years 2001 and 2002) from IISc Bangalore, India in 2002, Prof. Choudhury also worked as a faculty at IIT Kanpur, mentored new IITs at Gandhinagar and Dharwad (both on deputation from IIT-B) and as a Visiting Fellow/Faculty at NUS Singapore, UoW Australia, UC Berkeley USA, Kagoshima Univ. Japan, TU Darmstadt Germany and Incheon National Univ. South Korea. He was also an Adjunct Professor of Academy of Scientific and Innovative Research (AcSIR) of CSIR laboratories (connected to CSIR-CBRI Roorkee) of India during 2013-2020. Prof. Choudhury is the only Geotechnical Engineer of India who is an elected Fellow (FNASc) of the oldest Science Academy of India, viz. The National Academy of Sciences, India. Internationally he is elected Fellow (FASCE) of American Society of Civil Engineers (ASCE), USA, Alexander von Humboldt Fellow of Germany, JSPS Fellow of Japan, and TWAS-VS Fellow of The World Academy of Sciences, Italy, in addition to National Fellow of Institution of Engineers India (FIE), Indian Geotechnical Society (FIGS), Indian Society of Earthquake Technology (FISET). Prof. Choudhury, a recipient of Prof. C. S. Desai Medal of International Association for Computer Methods and Analysis in Geomechanics (IACMAG), USA in 2017, also received Excellent Regional Contributions Award of IACMAG in 2014 and Excellent Paper Award (Junior) of IACMAG in 2008 for ASCE-International Journal of Geomechanics paper. He received several Young Scientist/Engineer Awards from various academies/societies of India like INSA, NASI, ISCA, INAE, IEI, DST, DAE, ISTE and from abroad like APACM, SP Research Foundation, IACMAG. He is an Associate Editor of ASCE-International Journal of Geomechanics, Indian Geotechnical Journal (Springer), Journal of Civil Engineering of Institution of Engineers India (Springer) and was founding Associate Editor of INAE Letters (Springer). He served as Editorial Board Member (EBM) for Canadian Geotechnical Journal, and currently EBM of Geotechnical and Geological Engineering (Springer), Geomechanics and Engineering (Techno-Press). Prof. Choudhury's major research areas are Civil Geotechnical Earthquake Engineering, Computational Geomechanics, Sustainable Foundation Engineering, Soil Dynamics. The newly developed "pseudo-dynamic method" by Prof. Choudhury's research group for earthquake resistant design of geotechnical structures are highly popular across the globe both in academic research and practical field of applications. Prof. Choudhury's Video lectures in YouTube through NPTEL, Govt. of India on topics 'Soil Dynamics' and 'Geotechnical Earthquake Engineering' are highly popular all over the world. For his excellent academic teaching since 2002, Prof. Choudhury received 'Prof. S. P. Sukhatme Excellence in Teaching Award-2017' of IIT Bombay. Also his outstanding research works have been recognized by IIT Bombay through various Research Awards of IIT Bombay. Prof. Choudhury has already supervised 32 Doctoral theses and many more are continuing. Many of his PhD students' theses received Best PhD Thesis Awards of IIT Bombay, IGS, INAE, IACMAG. His former PhD students are well placed as faculty of reputed institutes and organizations in Australia, UK, India and at various industries both nationally and internationally. His co-authored text book on 'Foundation Systems for High-Rise Structures' is very popular and Prof. Choudhury authored over 330 technical publications including about 210 peer reviewed journal papers which are highly cited all over the world. A globe trotter Prof. Choudhury delivered several plenary/keynote/invited lectures at various reputed conferences all over the world. He was the Secretary of technical committee TC 207 (Soil-Structure Interactions and Retaining Walls) of International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) and Secretary of TC 212 (Deep Foundations) of ISSMGE, in addition to present and former member of TC 203 and Editorial Board of ISSMGE Bulletin. Prof. Choudhury executed several national and international projects of importance in India, Iraq, Mozambique, Vietnam, in the domain of his research expertise. Currently he was involved in several mega and prestigious national projects of India. Prof. Choudhury was the Organizing Vice-Chairman of IIT-JEE (Advanced) 2015 and was one of the founding members of Joint Seat Allocation (JoSAA) committee for IITs, NITs, IIITs, CFTIs together in 2015. As one of the members of the International Committee through MHRD at IIT Bombay, he was actively involved in starting IIT-JEE (Advanced) 2017 and GATE 2017 International. He was Organising Chairperson of all India for GATE 2021 and zonal Chair of GATE 2020 and JAM 2020. He acted as External expert member for MHRD review of IIT Patna, expert member for NBA, NAAC accreditation and Prof. Choudhury is academic council/board of studies member of various IITs and institutes and involved in several faculty/scientist/fellow selection committees of various IITs, NITs, DRDO, AERB and other organizations. He is an advisor of Dept. of Civil Engineering at IIT Jodhpur, a member of Board of Studies of several IITs, NITs and Institutions of repute and a member of Bureau of Indian Standard CED 43 for development of various IS codes. (Updated on 1st November 2022)