Brief CV of Prof. Deepankar Choudhury, IIT Bombay:

Prof. Deepankar Choudhury is Prof. T. Kant Chair Professor (*HAG*) and Head of Civil Engineering department at IIT Bombay, Mumbai, India. Always 1st class 1st and Gold Medalist in academics, Prof. Choudhury also worked as a faculty at IIT Kanpur, mentored new IITs at Gandhinagar and Dharwad on deputation from IIT Bombay. Also, he was mentor Head of newly started Civil Engg. dept. IIT Dharwad and was instrumental to start the department with double charge of Headships both at IIT Bombay and IIT Dharwad in parallel. He was a Visiting Fellow/Faculty at NUS Singapore, UoW Australia, UC Berkeley USA, Kagoshima Univ. Japan, TU Darmstadt Germany and Incheon National Univ. South Korea.

Prof. Choudhury is an elected Fellow (*FNASc*) of oldest Science Academy of India, viz. The National Academy of Sciences, India (NASI), Fellow (*FNAE*) of Indian National Academy of Engineering (INAE) and Fellow (*FASc*) of Indian Academy of Sciences, Bangalore. He is the only Geotechnical Engineer of India who is Fellow of three prestigious academies (both Science and Engineering Academies) of India. Internationally he is elected Fellow (*F.ASCE*) 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. He is national Fellow of Institution of Engineers India (*FIE*), Indian Geotechnical Society (*FIGS*), West Bengal Academy of Science & Technology (*FAScT*), Indian Society of Earthquake Technology (*FISET*).

Prof. Choudhury, a recipient of Prof. C. S. Desai Medal of IACMAG, USA in 2017, also received Excellent Regional Contributions Award of IACMAG in 2014 and Excellent Paper Award (Junior) of IACMAG in 2008 for outstanding 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, Shamsher Prakash Research Foundation. He is also recipient of Gopal Ranjan Technology Award-2022 of IIT Roorkee.

Prof. Choudhury is the Chief Editor of Indian Geotechnical Journal (Springer) and an Associate Editor of ASCE-International Journal of Geomechanics of USA, Journal of Civil Engineering of Institution of Engineers India (Springer). He served as Editorial Board Member (EBM) for Canadian Geotechnical Journal and Soils and Foundations (Elsevier), 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, CPRF, Soil Dynamics, Disaster Resilient Geo-structures. His pioneering research on pseudo-dynamic method of analysis and design of earthquake resistant geotechnical structures and dynamic formulation of Combined Pile-Raft Foundation (CPRF) are considered as fundamental engineering and scientific contributions which are highly recognized and appreciated across the globe.

Prof. Choudhury's Video lectures in YouTube through NPTEL on 'Soil Dynamics' and 'Geotechnical Earthquake Engineering' are highly popular all over the world. Prof. Choudhury received 'Prof. S. P. Sukhatme Excellence in Teaching Award-2017' of IIT Bombay and 'Best Teacher of Geotechnical Engineering Award-2023' from IGS. Prof. Choudhury has already supervised 35 PhD theses and many of his former PhD students' theses received Best PhD Thesis Awards. 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 worldwide and Prof. Choudhury authored over 310 technical publications including about 190 peer reviewed journal papers which are highly cited all over the world.

He was Secretary of technical committee TC 207 of International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE), Secretary of TC 212 of ISSMGE, Editorial Board of ISSMGE Bulletin, member of TC 203. He is core committee member of several IS codes under CED-43 of Bureau of Indian Standards (BIS), and was one of the main creators of first ever International design manual on CPRF published by ISSMGE.

He organized as National Organising Vice-Chairman of IIT-JEE (Advanced) 2015 (with founding member of JoSAA-2015) and National Organising Chairperson of GATE 2021, which are two most prestigious national examinations in India. Currently he is national nodal coordinator for board-01 of Prime Minister Research Fellowship (PMRF) program for PhD admission in the country.

As expert member of NBA, NAAC and at various academic councils, BoS of several IITs, NITs, universities, he contributes in formation of Civil Engg. course curriculum. He executed various national and international prestigious industry projects in the domain of Foundation Engineering and Earthquake Engg. as an expert. An internationally known outstanding geotechnical engineer Prof. Choudhury delivered several Plenary, Keynote and Invited Technical Lectures by visiting over 25 countries across the globe on their invitation.

Prof. Choudhury is currently the Chairman of Disaster Resilience and Capacity Building Committee of State Disaster Management Authority (SDMA) of Govt. of Maharashtra and Member of High-Rise Committee of BMC, Govt. of Maharashtra. He has provided expert advice for several prestigious national and international mega projects on foundations and earthquake resistant design aspects across the globe, including India's longest sea bridge (MTHL – Atal Setu) foundation, India's largest POL terminal foundations, India's first ever NPP on soft soil with CPRF, MP Metro Rail foundations, etc. *(Last updated on 14th January, 2024)*