



Brief Bio-sketch

of

Prof. Chandan Ghosh

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1. Chandan Ghosh, a Civil Engg. Graduate (1985) of Bengal Engineering College (presently Indian Inst. of Engg. Sc. & Technology, IEST), West Bengal, did his Master's degree in Civil (Geotechnical) Engineering (1987) from Jadavpur University, Calcutta, followed by 1stPh.D. from IIT-Kanpur in 1992.
2. Dr. Ghosh joined Institute of Technology, Banaras Hindu University (BHU), Varanasi as faculty member in 1990 and served until he received a Japan Govt. – MHRD fellowship to do advance post-doctoral research in Geotechnology in 1998. In Japan, he took up extensive experimental investigations and developed several equipments with specific motivation towards recreation of field problems in large scale laboratory set-up. His research work on “**Geosynthetics application in marginal soil improvement**” earned him 2nd Doctorate Degree in 2004 from the Ibaraki University, Japan.
3. Dr. Ghosh has been working in various field such as Seismic microzonation & Risk mapping, Reinforced earth, Application of geosynthetics for hill area development, slope instability & erosion control by geosynthetics & bio-engineering by Vetiver Grass, disaster resistant housing technologies, Seismic evaluation, retrofitting and earthquake risk mitigation & management, etc. He has published more than 125 research papers in reputed journals, proceedings, books and guided several M.Tech and PhD students.
4. Prof. Ghosh is an accomplished professional in the areas of earthquake geotechnical engineering, who has devoted more than 27 years of his career in UG & PG teaching, research guidance, development of teaching tools & training module for engineers, architects, town planners. Besides developing some of the IEC materials such as “Snake and ladder game” for earthquake, flood, road safety, cyclone, DM plan for family, he has excellent flavour in the India Govt. flagship programs since UN declaration at Yokohama-1994 to Sendai-2015, on the community based DM education and awareness campaign through social media and documentary film.
5. Since July 2006 he is serving as Prof. & Head, Geohazards Division, NIDM, Ministry of Home Affairs, Govt. of India, New Delhi. He is presently looking after various training, research, documentation and DM policy advocacy of the country vis-à-vis guiding technical as well as line agencies such as PWD, CPWD, DDA, MCD, NDRF, BRO..of the country to adopt skill based approach to disaster preparedness, mitigation and retrofitting policy framework.
6. He has phenomenal field exposure and professional credence in the disaster documentation such as Leh cloud burst-2010, Sikkim Earthquake-2011, Lalita Park building collapse-2011, Uttarakhand Flood-2013, Seismic Vulnerability assessment by RVS across the country.
7. As a recognition to his seminal contributions, Dr Ghosh received Prof. Leonard prize for the best doctoral thesis in 1993, CIDC-Vishwakarma Awards-2013, IGS-Shri H.C. Verma Golden Jubilee Award-2013, World Youth Conference (Peace Award)-2016.

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