

Dr. Kingshuk Dan
Assistant Professor,
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Coochbehar Government Engineering College

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Date of Birth: 16.01.1985

Category: General

Nationality: Indian

Educational Qualifications:

Degree	Subject/Research Area	% marks/grade	Year	College & University
Ph.D	Topic- "Some Theoretical Analyses and Back Prediction of Parameters for Design of a Braced Excavation in Soft Clay"	-	2015	Jadavpur University
M.E.	Geotechnical Engg. (Civil Engg.)	82.56	2010	Jadavpur University
B.E.	Civil Engineering	75.8	2007	Bengal Engg. and Science University, Shibpur (Now IEST, Shibpur)
Higher Secondary	Science	89.7	2003	W.B.C.H.S.E
Madhyamik		88.4	2001	W.B.B.S.E

Employment record:

Date		Organization	Post held	Functional Activities
From	To			
2010	2012 (April)	Jadavpur University	Senior Research Fellow	Research, Teaching
2012 (May)	2015 (July)	University Institute of Technology, West Bengal	Assistant Professor	Teaching
2015 (July)	2018 (May)	Netaji Subhash Engineering College, Garia, West Bengal	Assistant Professor	Teaching
2018 (May)	Present	Coochbehar Government Engineering College	Assistant Professor	Teaching

Subjects Taught (Theoretical):

- Soil mechanics
- Foundation engineering
- Highway and Transportation engineering
- Surveying

Subjects taught (Practical):

- Soil Mechanics Lab- I
- Soil Mechanics Lab-II
- Highway and Transportation Engg Lab
- Concrete Lab

Thesis guided: B.E. candidates – 30

Area of thesis:

- Ground improvement using admixtures
- Stability analysis of an earthen dam
- Analysis of excavation using 3D software (PLAXIS 3D)

Honours and Awards:

- Member of Executive committee of Indian Geotechnical Society, Kolkata chapter
- Awarded State Government Fellowship to work in Jadavpur University in the Department of Civil Engineering

Publications:

- **Dan, K., Sahu, R. B.** (2017) “Estimation of Ground Movement and Wall Deflection in Braced Excavation by Minimum Potential Energy Approach.”, *International Journal of Geomechanics, ASCE* (Published online)

- **Dan, K., Sahu, R. B.** (2012) “A Theoretical Study on Ground Movement Prediction for Braced Excavation in Soft Clay.” *International Journal of Geotechnical Engineering*, Volume 6, Issue 1, January 2012, pp 53-64.
- **Dan, K., Sahu, R. B.** (2011) “Excavation Induced Building Response by Laminate Beam Method.” *Indian Geotechnical Journal*, Volume 41, No. 1, January 2011, pp 48-51
- **Dan, K., Sahu, R. B.** (2015) “An Inverse Analysis for Parameters Estimation of Braced Excavation in Soft Clay using Non-Linear Programming.” *Indian Geotechnical Journal*, Volume 45, Issue 3, September 2015, pp 291-303.
- **Dan, K., Sahu, R. B.** (2016) “A Simplified Approach for Estimation of Braced Wall Deflection during Excavation in Soft Clay.” *Indian Geotechnical Journal*, Volume 46, Issue 1, March 2016, pp 56-63.
- **Dan, K., Sahu, R. B.** (2010) “Ground Movement Prediction for Braced Excavation in Soft Clay.” *Indian Geotechnical Conference*, GEOTrendz, Mumbai, 2010, pp 755 -758.
- **Dan, K., Sahu, R. B.** (2012) “A Laboratory Study on the Effect of Strain Rate on Shear Strength of Cohesive Soil.” *Indian Geotechnical Conference*, GEOTrendz, Delhi, 2012, pp 179-181.
- **Dan, K., Sahu, R. B.** (2016) “Active Earth Pressure Distribution against Braced Wall Considering Arching Effects.”, *Geomechanics and Engineering*, ASCE (Communicated-under review)
- **Roy, S., Dan, K., Sahu R. B.** (2017) “Time Effect On Ground Deformation During Braced Excavation” *Indian Geotechnical Conference*, GeoNEst, IIT Guwahati, 2017 (Accepted for publication).
- **Dan, K., Sahu, R. B.** (2010) “Prediction of Building damage during Braced Excavation” *Indian Geotechnical Conference, Kolkata Chapter*, Kolkata, 2010.

Refresher course/ short term course attended

1. UGC sponsored Refresher Course in “Built Environment and Sustainable Technology” organized by Academic Staff College, Jadavpur University from 02.01.2017 to 22.01.2017
2. One-week National Level Staff Development Program on “Soft Computing” under TEQIP-II organized by University Institute of Technology, The University of Burdwan from 01.07.2013 to 05.07.2013
3. AICTE Recognized Short Term Course on “Soil Testing” organized by National Institute of Teachers’ Training and Research, Bhopal, Ministry of Human Resource Development, Govt. of India from 23/09/2013 to 27/09/2013
4. UGC sponsored Refresher Course in “Recent Advances in Civil and Structural Engineering” organized by Academic Staff College, Jadavpur University from 02.01.2015 to 22.01.2015

5. Two week ISTE STTP on “Introduction to Structural Engineering” conducted by IIT, Kharagpur from 30.11.2015 to 09.01.2016

6. A Seminar on “Assessment & Mitigation in Liquefaction Hazards for Seismic Microzonation” organized by Earthquake Engineering Department, IIT Roorkee

Seminar/ workshop conducted:

- Acted as Coordinator of One day seminar on “Recent Advances in Ground Improvement Technique” on 11th November, 2016 at Netaji Subhash Engineering College
- Acted as Coordinator of Two days seminar on “Recent Advances in Civil Engineering” on 15th and 16th March, 2018 at Netaji Subhash Engineering College
- Acted as a member of organizing committee to conduct two day seminar cum one day workshop on “STEEL DESIGN AND USE” from 7th Sept, 2016 to 9th Sept, 2016.

Conference Presentation:

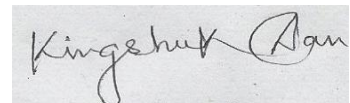
- Indian Geotechnical Conference IGC-2010 organized by Indian Geotechnical Society, Mumbai Chapter held during 16.12.2010 to 18.12.2010

Administrative experience:

- Conducted domain knowledge and Training programme at NSEC, Garia
- Worked as Head Examiner in 2013-2014 session at UIT, Burdwan
- NBA and NAAC coordinator of Civil Engineering Dept. at NSEC, Garia
- Member of various departmental and institutional committee (Academic committee, Purchase committee, Budget committee, Routine committee etc)
- In-charge of Soil Mechanics and Foundation Engineering Laboratory

Vocational Training:

Training Program on “Design of Pile and Well Foundation for a Road bridge on NH-31” in the office of National Highway Design Division No.1, Bhabani Bhaban, Kolkata-27.



Signature of the candidate