

Faculty Profile

- 1. Name:** Abhijit Anand
- 2. Department:** Civil Engineering
- 3. Email id:** anand.iitdhn@gmail.com
- 4. Phone Number:** 9078673607
- 5. Office Address:** Civil Engg. Dept., BIT Sindri, Dhanbad
- 6. Qualification:**



S. No	Degree(UG, PG, PhD)	Specialization	Institute
1	Ph.D. (<i>Pursuing</i>)	Geotechnical Engineering	IIT(ISM) Dhanbad
2	M.Tech	Geotechnical Engineering	IIT Guwahati
3	B.E.	Civil Engineering	BIT Mesra, Ranchi

7. Area of Specialization: Geotechnical Engineering

8. Subjects Taught: Geotechnical Engineering I, Foundation Engineering, Soil Dynamics, Advanced Soil Mechanics, Dynamics of Soils and Foundations.

9. Professional Experience:

I) Teaching Experience:

Sl. No.	Position held	Name of Organization	From	To
1	Assistant Professor (Civil)	BIT Sindri	04/01/2018	Present
2	Assistant Professor (Civil)	KIIT University, Bhubaneswar	26/06/2014	11/07/2016

II) Research Experience:

Sl. No.	Position held	Name of Organization	From	To
1	JRF	IIT(ISM) Dhanbad	02/08/2016	Present

III) Industrial Experience:

Sl. No.	Position held	Name of Organization	From	To
1	Graduate Engineer Trainee	Indiabulls Power Ltd.	01/09/2010	01/04/2012

11. Publications:

I) International Journal:02

Sl. No.	Title of the paper	Name of the journal in which publication has been made	Vol/No.	Publication Year	Pages/ doi
1	A Comprehensive Study on the Bearing Behaviour of Cement-Fly ash Composites through Experimental and Probabilistic Investigation	<i>Innovative Infrastructure Solutions</i>	6(39)	2021	https://doi.org/10.1007/s41062-020-00404-w
2	Probabilistic Investigation on Bearing Capacity of Unsaturated Fly Ash	<i>Journal of Hazardous, Toxic and Radioactive Waste (ASCE)</i> ,	24 (4)	2020	https://doi.org/10.1061/(ASCE)HZ.2153-5515.0000547

II) International Conference: 04

Sl. No.	Name of the Conference in which publication has been made	Title of the Paper
1	<i>Indian Geotechnical Conference 2020, DIGEST, Dec-17-19. Andhra University, Vishakhapatnam, India</i>	Probabilistic Investigation on Seismic Bearing Capacity of Shallow Foundation on Unsaturated Fly Ash Deposit [BEST PAPER AWARD]
2	<i>Indian Geotechnical Conference 2017, GeoNEst, Dec. 14-16, IIT Guwahati, India</i>	Experimental and Numerical Investigation on Load-Settlement Behaviour of Stone Column Reinforced Fly Ash Backfill
3	<i>Indian Geotechnical Conference (IGC-2014), Kakinada, India, pp. 1490-1497</i>	Finite Element Analysis of Footings on Unreinforced Slopes [BEST PAPER AWARD]
4	<i>National Seminar on Geotechnique Today: Modeling, Prediction and Construction, Indian Geotechnical Society, Kolkata Chapter, West Bengal, India, pp. 64-68</i>	Foundations on unreinforced slopes: Numerical modeling using GeoStudio

12. Conference/ Workshop/Seminar/ Organized

Sl. No.	Title of Seminar / Conferences / Short – term Courses	Name of Coordinator	Funding / Sponsoring Agency	Date of Seminar / Conferences / Short – term Courses	No. of Participants
1	Webinar on “Ground Improvement using Geosynthetics: A Sustainable and Cost-Effective Method”	Abhijit Anand	TEQIP-III	12 Sept, 2020	93
2	Workshop on “Recent Advances in Civil Engineering (RACE)”	Abhijit Anand	TEQIP-III	07 Dec – 11 Dec. 2018	40

13. Symposium/ Workshop/Seminar/FDP Attended

	Title of the Workshop/Seminar	Dates	Organized by
1	IGC 2014, Geotechnics for Inclusive Development of India (GEOIND)	Dec 18 -20, 2014	JNTU Kakinada
2	Faculty Induction Workshop TEQIP III	Feb 06 – 10, 2018	IIT Kharagpur
3	Entrepreneurs Meet	April 15, 2018	BIT Sindri
4	Workshop on Advances in Structural and Geotechnical Engineering (ASGE)	June 05-09, 2018	IIT(ISM) Dhanbad
5	Flow and Process Simulation in Process Industries FAPSIPI 2018	Oct 29, Nov 02, 2018	BIT Sindri
6	RACE 2018	December 07 – 11, 2018	BIT Sindri
7	Advanced Pedagogy and Digital Tool for TEQIP Faculty Members	June 10-14, 2019	IIT Kharagpur
8	FDP on “Natural Language Processing”	January 06-10, 2020	BIT Sindri
9	Workshop on “Water Resources Management”	December 18-19, 2019	BIT Sindri
10	Workshop on “Multiphysics Simulation for Teaching and Research”	November, 22, 2019	BIT Sindri
11	FDP on “The Era of Digital Transformation”	July, 08 – 12, 2019	BIT Sindri
12	FDP on “Robotics and AI”	June 24-28, 2019	BIT Sindri

14. Project Experience: Yes

S.No.	Title of Project	Funding agency	Budget (INR)	Role
1	A Probabilistic Seismic Stability Analysis of Reinforced Mine OB-Dump Slope	TEQIP -III	45,000/-	Principal Investigator

15. Gate Rank: AIR 525 in GATE 2014 (Civil Engineering Paper)

16. Personal Profile:

Father's Name : NAND KISHORE SINGH
Mother's Name : SHARDA SINGH
Date of birth : 16 DEC 1987
Gender : MALE
Category : GEN
Category for Jharkhand state : GEN
Permanent State : JHARKHAND
Nationality : INDIAN
Languages Known : HINDI, ENGLISH
Permanent Address : QR. NO. R-20/2,
HARMU HOUSING COLONY
RANCHI, JHARKHAND
Present address : QR. NO. R-20/2,
HARMU HOUSING COLONY
RANCHI, JHARKHAND

Declaration:

I hereby declare that the above furnished particulars are true and the best of my knowledge and belief

Place: Dhanbad

Abhijit Anand .

Signature