

Resume



Name : Dr. Manendra Singh
Designation : Assistant Professor (Grade-II)
Department : Civil Engineering
Qualification : Ph.D.
Phone : 7895208814
Email ID : manendra@nith.ac.in
Profile URL : <https://portfolios.nith.ac.in/index.php?nith/dr-manendra-singh>

Other Profile Links

Research Gate Link :

Personal Web Link :

Vidawan id: https://vidwan.inflibnet.ac.in/myprofile#theses_information_panel (Google scholar id:<https://scholar.google.com/citations?user=vpJWux8AAAAJ&hl=en&authuser=1>) (Research gate id: <https://www.researchgate.net/profile/Dr-Manendra-Singh>)

Google Scholar Link :

Research Profile

Research Interests :

Soil Dynamics, Geotechnical Engineering, Soil-structure interaction, liquefaction, Underground tunnels

Brief Research Profile :

Qualification

Name of the Degree	Year Of Passing	Institute/University
Ph.D.	2018	INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
M.TECH.	2013	INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
B.TECH.	2011	AKTU

Publications

Year	Journal	Publication	Indexed In
2017	Indian Geotechnical Journal	Seismic analysis of Delhi metro underground tunnels, 47 (1), 67-83	ESCI, Scopus, Web of Science
2017	International Journal of Geotechnical Engineering	Seismic response of metro underground tunnels, 11 (2), 175-185	ESCI, Scopus, Web of Science
2021	Indian Geotechnical Journal	Some Aspects of Seismic Soil-Structure Interaction of Lifeline Structures (https://doi.org/10.1007/s40098-021-00523-w)	ESCI, Scopus, Web of Science

Edited Book/Book Chapter

Type	Title	Publisher	Authors	ISBN/ISSN No.	Year
Book Chapter	Effect of Earthquake on Underground Metro Tunnels—A Parametric Study	Lecture Notes in Civil Engineering, vol 123. Springer, Singapore	Singh, M., Samadhiya, N. K. and Yadav J.S	978-981-33-4323-8	2021
Book Chapter	Static and seismic analysis of twin metro underground tunnels	Geohazards. Lecture Notes in Civil Engineering, vol 86. Springer, Singapore	Singh M., Viladkar M.N., Samadhiya N.K.	978-981-15-6232-7	2021
Book Chapter	Experimental Study on Scour Due to Submerged Vertical Impinging Circular Jet	Transportation, Water and Environmental Geotechnics. Lecture Notes in Civil Engineering, vol 159. Springer, Singapore	Shakya R., Sarda V.K., Singh M.	978-981-16-2259-5	2021

Research Projects

Role	Project Type	Title	Funding Agency	From	To	Amount	Status	Co-Investigator
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Research Supervision

Programme Name	Scholar Name	Research Topic	Status	Year	Co-Supervisor
Ph.D	Rahul Shakya	Effect of Underground Tunnels on Adjacent Buildings under Seismic Loading	on going	2020	
M.Tech	Girdhari Lal	TUNNELING IN SQUEEZING GROUND CONDITION	on going	2020	
M.Tech	Shantanu Saraswat	SEISMIC BEARING CAPACITY OF FOOTINGS ON SLOPE	on going	2020	
M.Tech	Milind	EFFECT OF LIQUEFACTION ON DIFFERENT TYPES OF SHALLOW FOUNDATION	on going	2020	
M.Tech	Mohd. Asif	Effect on the ground surface due to construction of east-west metro tunnels in Kolkata	on going	2020	

Patents

Name	Reg./Ref.No.	Date Of Award/Filing	Organization	Status
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Teaching

Programme Name	Subjects Taught	From	To	Credits
Assistant Professor	Department of Civil Engineering, G L Bajaj Institute of Technology Greater Noida	18/06/2018	23/09/2019	1 year 1 month

Programme Name	Subjects Taught	From	To	Credits
Assistant Professor (Grade-II)	Department of Civil Engineering, NIT Hamirpur	24/09/2019		Till Date

Administrative Responsibilities

Position Held	Organization	From	To	Remarks
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Expert Talks

Title	Place	Year	Description
Effect of Earthquake on Underground Tunnels	Online, Department of Civil Engineering, Government Engineering College Bharatpur, Rajasthan.	2020	Short Term Course On "Recent Advancement in Geotechnical Engineering" (September 14 - 18, 2020)
Basic Steps Involved in FEM Modelling using PLAXIS	Online, Department of Civil Engineering, NIT Utrakhnad	2021	FIVE DAYS WORKSHOP on Computational Modelling of Geotechnical Structures using FEM Based Softwares

Professional Activities

Name of Activity	Role	Duration	Organization
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Courses Organized

Category	Type	Title	Venue	From	To	Designation
fdp	A 5-Days Faculty Development program	Major Construction in Hilly Areas- Challenges and Mitigation Measures	Department of Civil Engineering G.L. Bajaj Institute of Technology & Management, Greater Noida	25/09/2018	29/09/2018	Convener
stc	Five-day online e-STC	Recent Advances in Geotechnical Engineering (RAGE-2021)- March 1st- 5th, 2021	Department of Civil Engineering, NIT Hamirpur	01/03/2021	05/03/2021	Coordinator

Date :

Place :

Signature