

Profile Page



Name : Dr Vinil Kumar Gade

Designation : Assistant Professor Grade-ii

Department : Civil Engineering

Qualification : Ph.D. Geotechnical Engineering (IIT Bombay)
M.Tech. Geotechnical Engineering (IIT Kharagpur)
B.E. Civil Engineering (Osmania University)
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Research Interests :

Earth Retaining Structures
Geosynthetics
Sensors and Instrumentation
Ground Improvement Techniques
Reinforced Soil Structures
Long-term behaviour of geo-materials
Field monitoring of geo-structures

Other Profile Links :

Google Scholar Link :

Gade, V. K. [Click Here](#)

Personal Web Link :

Vidwan [Click Here](#)

ResearchGate [Click Here](#)

Journal Publications :

Year	Journal	Publication
2022	Geotextiles and Geomembranes, 50, 868-880	Gade, V. K. and Dasaka, S. M., "Short- and long-term behavior of EPS geofoam in reduction of lateral earth pressure on rigid retaining wall subjected to surcharge loading"
2020	Indian Geotechnical Journal, 50(1), 133-141	Gade, V. K. and Dasaka, S. M., "Influence of Contacting Material on Calibration Response of Diaphragm Earth Pressure Cells"

2018	Journal of Testing and Evaluation, ASTM, 47(6), 4492-4512	Gade, V. K. and Dasaka, S. M. "Short-term and long-term behavior of EPS geofoam under different loading conditions"
2017	Journal of Materials in Civil Engineering, ASCE, 29(5), 06016023-1 – 06016023-7	Gade, V. K. and Dasaka, S. M., "Assessment of air pluviation using stationary and movable pluviators"
2017	Indian Geotechnical Journal, 48(1), 142-152	Gade, V. K. and Dasaka, S. M. (2018) "Calibration of earth pressure sensors"
2016	Journal of Materials in Civil Engineering, ASCE, 28(2), 04015117-1 – 04015117-9	Gade, V. K. and Dasaka, S. M., "Development of a Mechanized Traveling Pluviator to Prepare Reconstituted Uniform Sand Specimens"

Conference Publications :

Year	Conference	Publication
2023	NINTH INDIAN YOUNG GEOTECHNICAL ENGINEERS CONFERENCE (9 IYGEC)	Kolli, V. S., Gade, V. K. and Jayanthi, P. "INFLUENCE OF SEA WATER ON STABILIZED EXPANSIVE SOIL USING GGBS"
2023	NINTH INDIAN YOUNG GEOTECHNICAL ENGINEERS CONFERENCE (9 IYGEC)	Shaji, S, Gade, V. K. and Baranidharan, S. "An Effective, Environmentally Benign Way for Soil Stabilization using Xanthan Gum"
2016	The 15th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering - Japanese Geotechnical Society Special Publication	Chauhan, V. B, Dasaka, S. M. and Gade, V. K., "Investigation of failure of a rigid retaining wall with relief shelves"
2014	4th International Conference on Geotechnical Safety and Risk	Dasaka, S. M., Dave, T. N. and Gade, V. K., "Reliability assessment of earth pressure on rigid non-yielding retaining wall"
2014	8th International Conference on Physical Modelling in Geotechnics	Dasaka, S. M., Dave, T. N., Gade, V. K. and Chauhan, V. B., "Seismic earth pressure on gravity retaining walls using EPS geofoam"

Book/Chapter Publications :

Type	Title	Publisher	Authors	ISBN/ISSN No.	Year
Book Chapter	Mechanical Properties of EPS geofoam under various loading conditions	Springer International Publishing AG, part of Springer Nature 2019	Gade, V. K. and Dasaka, S. M.	978-3-319-78981-1	2019
Book Chapter	Static and cyclic properties of EPS geofoam	Springer Nature Singapore Pte Ltd.	Gade, V. K. and Dasaka, S. M.	2366-2565	2019
Book Chapter	Recent developments in earth pressure reduction techniques	Springer Nature Singapore Pte Ltd.	Dasaka, S. M. and Gade, V. K.	2364-5156	2019
Book Chapter	Effect of long-term performance of EPS geofoam on lateral earth pressures on retaining walls	Springer Nature Singapore Pte Ltd.	Dasaka, S. M. and Gade, V. K.	978-981-10-7721-0/978-981-10-7720-3	2018

Professional Affiliations :

Designation	Organization
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Life Member - LM3672	Indian Geotechnical Society
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PG Dissertation Guided :

Student Name	Dissertation Title	Status	Year	Co-Supervisor
BITRA REVATHI	Transparent Soil for Geotechnical Model Testing	Completed	2020	
PULLAPATI ANIL	Effectiveness of Sea Water For Lime And Fly-Ash Stabilization of Expansive Soil	Completed	2020	
SAMMATA VAMSI KRISHNA	Lateral Load Capacity of Single And Group Batter Piles	Completed	2019	

Award and Honours :

Title	Activity	Given by	Year
IGS-AIMIL Biennial award	best paper on Instrumentation “Calibration of Earth Pressure sensors”	Indian Geotechnical Society	2020