



UTTAMKUMAR R. RAKSHIT

Lecturer
Applied Mechanics Department,
Government Polytechnic, Valsad

E-mail: uttamrakshit@gpvalsad.ac.in
Mobile: 9265804913

EDUCATIONAL QUALIFICATION

M-Tech in Soil Mechanics & Foundation Engineering SVNIT Surat	2010-2012
B.E. in Civil Engineering BRAB University	2006-2010

WORK EXPERIENCE

Government Polytechnic, Valsad Lecturer in Applied Mechanics	2016-Present
CGPIT, Maliba Campus, Bardoli Assistant Professor, Civil Engg. Department	2012-2014

TECHNICAL SKILLS AND KNOWLEDGE

Computer Aided Design Packages: STAAD Pro, AUTO CAD -2006, PLAXIS- 2D & 3D

SUBJECT TAUGHT

SOIL ENGINEERING, CONCRETE TECHNOLOGY, DESIGN OF REINFORCED AND STEEL STRUCTURE

TRAINING AND WORKSHOP

- “Induction Phase-I” at NITTTR Bhopal during 08/08/2106 to 19/08/2016 (2 Week)
- “Induction Phase-II” at NITTTR Bhopal during 17/10/2016 to 28/10/2016 (2 Week)
- “Advances in Concrete Technology” at NITTTR Bhopal during 23/07/2018 to 27/07/2018 (1Week)
- “Finite element analysis, finite element method” at NITTTR Bhopal during 27/08/2018 to 31/08/2018 (1Week)
- “Life assessment, Repair and restoration of structures” at NITTTR Bhopal during 06/08/2019 to 10/08/2019 (1Week)

PORTFOLIOS (Current Portfolios)

- Institute tinkering lab/fab lab in-charge under SSIP
- Institute NBA Criteria 4 coordinator
- Department Time-Table coordinator
- Department SSIP coordinator

- Department NBA Criteria 4 coordinator
- Department Concrete and Soil engineering lab in charge

RESEARCH PROJECTS GUIDED

NIL

PUBLICATION

Journal Papers

Uttam Kumar and S. A. Vasanwala. "Piled raft design approach for a high rise building on Tithal road, Valsad, Gujarat". Journal of Geotechnical Engineering, Volume 5, Issue1, 2018.

Uttam Kumar and S. A. Vasanwala. "Piled raft design approach for a typical high rise building using non-uniform pile length under the raft". National conference on challenges in Geotechnical investigations, analysis, design & construction of foundations, IGS, Goa chapter, 2018

Uttam Kumar and S. A. Vasanwala. "Behaviour of Piled Raft Foundation Subjected to Vertical and Static Horizontal Load on Raft". IJIKC, Vol. 6, Special Issue 2, 2018

Conferences Papers

Uttam Kumar and S. A. Vasanwala. "Assessment of non-uniform length of piles in piled raft foundation subjected to non-uniform loading". 6th international conference on recent trends in engineering and technology, ICRTET, 2018

ACADEMIC PROJECTS GUIDED

Concrete mix with replacement of cement with fly ash
Concrete mix with replacement of fine aggregate with copper slag

PATENT FILED

NIL

PROFESSIONAL INSTITUTION MEMBERSHIPS

- Life Time Member-Indian Society for Technical Education

EXPERT LECTURES

NIL

AWARDS

NIL