

<b>Name of Faculty</b>	Komal Ketan Dave
<b>Designation</b>	Assistant Professor
<b>Email id</b>	komaldave.cv@bitseducampus.ac.in
<b>Contact number</b>	9687640977
<b>Total Experience</b>	
<b>Teaching</b>	9 years 8 months
<b>Industry</b>	06 years
<b>Professional Summary</b>	Working as an Assistant Professor at Babaria Institute of Technology since 21 July 2010. Life member of IGS (Indian Geotechnical Society) and ISTE (Indian Society for Technical Education). Mentoring as a Guide to UG Students for final year projects.
<b>Current Activities</b>	Co-ordinator of Field trips/Expert lecture for UG Students. Involved in GTU TECHFEST 2019 TECHNICAL EVENT (CIVIL)-LIFE OF PILE  Involved in learning SWAYAM Courses approved by AICTE:- 1) Geosynthetics & Reinforced Soil Structure (28/01/2019 to 21/04/2019) K. Rajagopal (IIT Madras) 2) Soil Mechanics /Geotechnical Engineering I (28/01/2019 to 21/04/2019) Dilip Kumar Baidya ( Indian Institute of Technology – Kharagpur) 3) Geotechnical Engineering II /Foundation Engineering I (28/01/2019 to 21/04/2019) Dilip Kumar Baidya ( Indian Institute of Technology – Kharagpur)
<b>Specialization Areas</b>	Geotechnical Engineering
<b>Subject Taught (UG/PG)</b>	Elements of civil engineering Environmental Studies Mechanics of Solid Fluid Mechanics Engineering Geology Hydrology and water Resources Engineering Design of Hydraulics Structures Irrigation Engineering Advanced Construction and Equipments Geotechnics & Applied Geology Soil Mechanics Foundation Engineering Repair and Rehabilitation of Concrete structures
<b>Qualifications</b>	M.E (Geotechnical Engineering) (2010) (First Class) M.S. University – Vadodara B.E. (Civil Engineering) (2008) First Class) M.S. University – Vadodara D.C.E (Diploma Civil Engineering) (2000) (First Class) Technical Education Board Gandhinagar.
<b>Skills</b>	Well versed with Auto CADD, Computer (Basic Excel, Word, Networking). I have Developed Geology Lab and Soil Mechanics lab, Having well Command on Soil testing related work.
<b>Achievements</b>	Nil
<b>Research Project Publications</b>	Nil 1. Paper published in Indian Geotechnical conference- 2010,IGS Mumbai chapter -Paper entitled Development of Colloidal Silica Grout Using Different Reactants 2. The Paper “study of gel time and strength for polymer based sodium silicate grout and colloidal silica grout used in sandy soil” published national journal of GIT (Gandhinagar)

3. Presented Paper Polymer Based Sodium Silicate grout in National Conference on Recent Trends in Engineering & Technology at VPMP Polytechnic Gandhinagar.
4. Paper published in 5<sup>th</sup> Indian young geotechnical engineer's conference which held on 14<sup>th</sup>-15<sup>th</sup> March 2015, paper entitled- OPTIMIZATION FOR WATER COLLOIDAL SILICA RATIO STUDY WITH DIFFERENT REACTANTS organized by IGS-BARODA CHAPTER, Vadodara IN association with M.S UNIVERSITY OF BARODA.

5. Paper Presented in Indian Geotechnical Conference 19 which held on 19-21 December 2019 paper entitled - A COMPREHENSIVE STUDY ON COLLOIDAL BASED GROUT USING DIFFERENT REAGENT Organized by IGS-SURAT CHAPTER.

#### Activities and honours

- Attended seminar on "Chemical Sealing water proofing compounds & grouting" of Indian Geotechnical Society, Baroda chapter.
- Attended seminar on "waste water disposal" of Indian Geotechnical Society L.J.Colledge, Ahmedabad
- Attended seminar on "Application of remote sensing & Geospatial Techniques" At Charutar University
- Attended seminar on "Hydrological Data Management" on 16 February, 2011 At Vadodara.
- Attended seminar on "Advance in Geotechnical Engineering (AGE-11) At Indian Geotechnical Society, Surat Chapter.
- Attended seminar on "Pile Foundation in Engineering Practice at Indian Geotechnical Society, Baroda Chapter.
- Attended seminar on "Geotechnical Considerations for Power Equipment Foundations" of Indian Geotechnical Society, Baroda chapter.
- Attended workshop on "Gint applications in Geotechnical Reporting and Web Publishing."
- Attended seminar on "Effective Pedagogy: Principles of Teaching and Learning."
- Attended STTP on "Geographic Information System and its Application" at BVM Engineering Collage, Vallabh Vidhyanagar.
- Attended seminar on "Advanced Applications of Geosynthetics in Civil Engineering Practice" of Indian Geotechnical Society, Baroda chapter.
- Two Day National Seminar on "Smart Cities: Current Scenario & Future Challenges on 24<sup>th</sup> march to 25<sup>th</sup> march 2017 conducted by Babaria Institute of Technology, BITS Edu Campus, Varnama, Vadoara.
- Attended two days training programme on PILE FOUNDATION –ADVANCES IN DESIGN & CONSTRUCTION PRACTICES which organized by APPLIED MECHANICS DEPARTMENT OF S V NATIONAL OF TECHNOLOGY, SURAT & INDIAN GEOTECHNICAL SOCIETY,SURAT CHAPTER during 27<sup>th</sup> & 28<sup>th</sup> May 2017.
- Attended Two Day National Seminar on Repair & Rehabilitation of DAM" from 21st -1-2018 to 22nd -01-2018 which conducted by Indian Geotechnical Society, Baroda Chapter & The Institution of Engineers, Vadodara Local Chapter.
- Attended Two Day National Seminar on Software Application in Geotechnical Engineering " from 6th & 7th October which conducted by Indian Geotechnical Society, Baroda Chapter & The Institution of Engineers, Vadodara Local Chapter. Technical engineering.
- Attended one day National Seminar on "Application of Geosynthetics for Infrastructural Development on 2nd January 2019 at Vishwakarma Government Engineering College, Chandkheda.
- Completed Internship Industrial Training in L&T Construction at Kandla-Mundra Road project in the State of Gujarat.
- Attended Three Day Faculty Development Program on Intellectual Property Rights from 9<sup>th</sup> to 11<sup>th</sup> October 2019 C. K. Shah Vijapurwala Institute of Management (CKSVIM).
- Attended Three Day Conference on "IGC-19 GEOINDUS 19-21 December 2019 at Surat hotel Marriot.

#### Grant Received

Nil