

# Ameer Ullah Ganai

Assistant Professor

Civil Engineering, BGSBU Rajouri.

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## CIVIL - ENGINEERING DESIGN / R&D/ ACADEMICS

*Seeking a challenging assignment in the field of TEACHING that provides me ample opportunity to explore and excel while carving out the niche for professional as well as organizational goals.*

## PERSONAL DETAILS

<b>Name:</b>	Ameer Ullah Ganai
<b>Designation:</b>	Assistant Professor
<b>Nationality:</b>	Indian
<b>Mobile:</b>	+917889464445
<b>Email:</b>	ameerullah@bgsbu.ac.in/ er.ameerullah786@gmail.com
<b>Area of Specialization:</b>	Geotechnical Engineering
<b>Present Address:</b>	Main Building, SoET, BGSB University, Rajouri, Jammu, J&K 185234.

## EDUCATIONAL BACKGROUND

- Master of Technology in Geotechnical Engineering with C.G.P.A 9.22 from National Institute of Technology Agartala, Tripura.
- Bachelor of Technology in Civil Engineering with CGPA of 9.1 from Lovely Professional University, Punjab.
- Higher secondary certificate examination (Class XII) from Tyndale Biscoe School Srinagar (J&K BOSE) with 81%.
- High school certificate examination (Class X) from Taleemul Islam Ahmadiya Institute Yaripora (J&K BOSE) with 84%.

## EXPERIENCE DETAILS

- Working as Assistant Professor at Baba Ghulam Shah Badshah University Rajouri since 2<sup>nd</sup> September 2016.
- Worked as Lecturer cum Placement Coordinator at Lovely Professional University, Punjab in the Department of Civil Engineering from 20<sup>th</sup> June 2012 to 31<sup>st</sup> May 2013.

## **Academic/Administrative Responsibilities**

1. Time table Coordinator since September 2016.
2. Geotechnical Engineering, Transportation Engineering and STAAD Pro. Laboratory In charge.
3. Nodal Officer Procurement for TEQIP-III.
4. Departmental Placement/Higher Education and Summer Industrial Training Coordinator.

## **Workshops/Trainings/Seminars/Conferences**

- Participated in one week Training Program on “Active Learning “held at IIT Bombay from 04 June-08 June 2018.
- Participated in one-week short term course on Emerging trends in “Highway Engineering and Infrastructure Development” from 23-27 June 2020 organized by Department of Civil Engineering, Dr. B R Ambedkar National Institute of Technology Jalandhar, Punjab.
- Participated in one-week “International webinar on Geotechnical Engineering” from 21-28 February 2021 organized by School of Civil Engineering LPU in association with Indian Geotechnical Society (IGS) Jalandhar Chapter and Department of Civil Engineering, Dr. B R Ambedkar National Institute of Technology Jalandhar, Punjab.
- Participated in 5 days online short-term course on “Remote Sensing Applications in Ground Water Extraction Measurements” (RSAGEM) organized by Department of Civil Engineering NIT Srinagar from January 11-15, 2021.
- Participated in three days training program on “Seismic Safety Assessment of Buildings by RVS” from 22-24 July 2014 at National Institute of Disaster Management Delhi.
- Participated in three days training program on “Seismic Safety Assessment of Buildings by RVS” from 05-07 August 2014 at J&K Institute of Management Public Administration and Rural Development, Kashmir.
- Participated in 5 days (1 Week) Workshop on “Application of computer Applications in Civil Engineering “held at NIT Srinagar from 29 June to 03 July, 2017.
- Participated in one-week Short Term course on “Mat lab and Lab review with its hardware interface through ICT “held at ERE Department BGSBU from January 1<sup>st</sup> to 2<sup>nd</sup> February 2018.
- Participated in one-week short term course on Recent Advances in Power and Energy Engineering” from March 12-16, 2018 held at BGSBU Rajouri.
- Participated in one-week short term course/ Training Program on “Life Skills development “through ICT held at BGSB University Rajouri J&K from 31 July to 03 August 2018.
- Participated in one-week TEQIP III Sponsored workshop on “Machine Learning” from 31 October to 4<sup>th</sup> November 2018 at BGSB University.
- Participated in one-week short term course/ Training Program on “Sustainable Creativity and innovation Management in institutions “through ICT held at BGSB University Rajouri J&K from 24<sup>TH</sup> September to 28 September 2018.
- Participated in one-week short term course/ Training Program on “Tools for Scientific Research in Engineering and Science “through ICT held at BGSB University Rajouri J&K from 12<sup>TH</sup> November to 16 November 2018.

- Participated in three days short term training program on “Characterization of water pollution and laboratory Techniques” sponsored by TEQIP-III at AMU from 22<sup>nd</sup> to 24<sup>th</sup> October 2018.
- Participated in one day “Entrepreneurship Awareness program” on 28<sup>th</sup> January 2015 at NIT Agartala.
- Participated and presented a paper in International Conference on “Experimental investigation on compaction and CBR Characteristics of soils using brick dust and cement as stabilizing agents” held at SRM University Lucknow, U.P (ICMTCE-2019).
- Participated and presented a paper in National Conference on “Micropiles for structural support: A Review” held at NIT Srinagar J&K (IRTST-2016).
- Participated and presented a paper in International Conference on “A comparative study on dry density and CBR value of soil using jute as reinforcing material” held at Cluster University Srinagar J&K (ICRDSHM-18).
- Participated and presented a paper in National Conference on “Experimental investigation on compaction and CBR Characteristics of soils using brick dust and cement as stabilizing agents” held SRM University Lucknow (ICMTCE-2019).
- Participated and presented a paper on “Experimental study on Liquefaction of saturated sands using shaking table” held at NIT Agartala Tripura (NES-Geo-Congress 2016)
- Presented a paper on “Stabilization of yellow soil by adding lime and saw dust ash” held at IIT Guwhati, Assam (IGC-2017).
- Participated in 4 Week Orientation programme from 1<sup>st</sup> of September to 30<sup>th</sup> of September 2020 at Teaching Learning Centre, Ramanujan College University of Delhi sponsored by MHRD.
- Participated in One Week International Workshop on Advanced Seismology, Seismic Hazards and Earthquake Engineering organized by Department of Civil Engineering TCE Agartala from Dec 13-17, 2021

## **Publications**

1. “A comparative study on dry density and CBR value on soils using jute as a reinforcing material” International journal of Advanced Research in science and Engineering, Volue-07, Special issue-04, 2018.
2. “Some studies on clayey soils using lime as stabilizing agent” International Journal for Research in Engineering Application and management, Volume-04, Issue-10, 2019.
3. “Experimental Investigation on Compaction and CBR Characteristics of Soils using Brick Dust and Cement as Stabilizing Agents” International Journal of Technical Innovation in Modern Engineering and Science, Volume 5, special issue02, 2019.
4. “Some studies on yellow soils using lime and saw dust ash as stabilizing agent” International Journal for Research in Engineering Application and management, Volume-04, Issue-10, 2019.
5. “Effect on Compaction and CBR characteristics of clayey soils using glass powder as stabilizing agent” International Journal of Technical Innovation in Modern Engineering & Science, Volume 5, Issue 03, March-2019.
6. “Experimental investigation on strength characteristics of soils using coir as stabilizing agent” International Journal of Technical Innovation in Modern Engineering & Science, Volume 5, Issue 03, March-2019.

7. Experimental Study on Soils Using Gypsum and Shredded Rubber as Stabilizing Agents, AJET (communicated).
8. “Micropiles for structural support-A practical advice for foundation design: A Review”-IRTST-16.
9. “Stabilization of Yellow Soil by Adding Lime and Saw Dust “-IGC-2017.
10. Experimental study on Liquefaction of saturated sands using shaking table”-NES Geo- Congress 2016”
11. “Experimental investigation on compaction and CBR Characteristics of soils using brick dust and cement as stabilizing agents” -(ICMTCE-2019).
12. “A comparative study on dry density and CBR value of soil using jute as reinforcing material” ICRDSHM-18.

### **Internship Projects**

- Worked at National Institute of Disaster Management Delhi as project intern under Dr. Chandan Ghosh (Professor and head Geo-hazards division Delhi) from July 2014 to December 2014 on “fabrication of shaking table facility and study on liquefaction of Yamuna sand”.
- Project names: Summer Internship at three projects as recommended at B Tech Level under J&K Projects Construction Corporation Ltd, Srinagar (J&K)
  - 1): Construction of mini secretariat at Kulgam Kashmir (J&K).
  - 2): Rambiarah Bridge Shopian Kashmir (J&K).
  - 3): Shamsipora Wanpora Bridge Anantnag Kashmir (J&K).

### **Co-Curricular Activities**

- Participant of national science Olympiad with distinctive performance.
- Participated in all India level tests conducted by united schools’ organization, a wing of United Nations. (N.T.S.E) and qualified three times with excellence.
- Topper of 2012 batch in civil engineering department (honored with academic excellence award).
- Got placed as graduate engineering trainee in Soma Isoleux Enterprise through campus placement.
- Won 2<sup>nd</sup> prize award in debate competition on topic “Technology and innovations in good governance” on Good Governance Day organized by MHRD at NIT Agartala.
- Selected as Proctor at IUST Awantipora for Student Learning Assessment (SLA) conduct by NPIU.
- Won 1<sup>st</sup> prize award in debate competition on topic “Maulana Azad’s reforms in modern education” on birth anniversary of Maulna Azad organized by MHRD at NIT Agartala.

### **Computer Proficiency**

- Platforms Used – Windows- XP, VISTA.
- Software / Packages -- Microsoft Office, AUTO CAD, STAAD Pro, PLAXIS, CASTER, SHAKE AND EDUSHAKE, DEEPSOIL.

## **TEACHING EXPERIENCE**

Taught the following courses at UG Level

### **Theory Courses**

1. Geotechnical Engineering-I and II.
2. Transportation Engineering-I and II.
3. Structural Analysis I and II.
4. Design of Structures I.
5. Strength of Materials.
6. Engineering Mechanics.
7. Building Drawing.

### **Laboratory Courses**

1. Geotechnical Engineering Laboratory
  2. Transportation Engineering Laboratory
  3. STAAD Pro Laboratory.
  4. Engineering Mechanics Lab
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