

# Ali Murtaza

M.E in Geotechnical and Highway Engineering



## PERSONAL PROFILE

**Name** Ali Murtaza  
**Father's Name** Ali Gul  
**Date of Birth** 01/08/1990  
**Gender** Male  
**C.N.I.C. #** 45202-4998064-3  
**Marital Status** Single  
**Nationality** Pakistani  
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## OBJECTIVE

To enhance my administrative & Research capabilities effectively & efficiently for organizational development & personal growth.

## ACADEMIC RECORDS

Degree / Certificate	Name of Institution	Completion Year	%age/CGPA	Subjects
M.E Geotechnical and Highway Engg.	Mehran University of Engineering and Technology, Jamshoro	2017	3.83	Advanced Geotechnical and Highway
B.Sc. Civil Engg.	Mehran University of Engineering and Technology, Jamshoro	2012-13	83% (3.76 CGPA)	Geotechnical & Foundation Engineering, Highway and Transportation, Surveying, Structural Design, Strength of Materials
Intermediate	BISE Sukkur	2008	"A-1" Grade (81%)	Pre - Engineering
Matriculation	BISE Sukkur	2006	"A-1" Grade (83%)	Science

## INTERNSHIP / TRAINING

- Training on Active Citizenship Pakistan by British Council
- How to tackle administrative problems; 1 week training session by HEC
- One day CPD short course on non-destructive testing techniques of concrete construction
- One week training on Teaching Methodology & Effective learning techniques
- Worked as internee at SN builders during 3<sup>rd</sup> year summer vacation

## Working Experience

- Currently working as Lecturer (BPS-18) at Mehran University of Engineering and Technology, Jamshoro on Regular Basis (**From 14-July 2014 to Present**)
- Worked as Lecturer (on contract) at MUET SZAB Campus Khairpur Mir's for 1 year. (From 21-July 2013 to 13-July 2014)
- 4-Months worked in Osmani Consultant as Site Engineer for Water Treatment Plant project.

## RESEARCH PROJECT

- Supervised more than 5 research students in undergraduate and now co-supervising one (1) Masters student.
- Correlation between California Bearing Ratio (CBR) and Index properties of Jamshoro Soil. (Master's research)
- Correlation between California Bearing Ratio (CBR) and DCPI for Jamshoro Soil
- Empirical relationship between Liquid Limit and Compressive Index of any type of Soil; got positive result and derived an equation recommended specially for Jamshoro Soil. (Bachelor's Final year thesis)

## PUBLICATIONS

### JOURNAL PAPER(S)

- IQBAL, Faisal; KUMAR, Aneel; **MURTAZA, Ali**. Co-Relationship between California Bearing Ratio and Index Properties of Jamshoro Soil. **Mehran University Research Journal of Engineering and Technology**, [S.l.], v. 37, n. 1, p. 14, jan. 2018. ISSN 2413-7219. Available at: <<http://publications.muett.edu.pk/index.php/muetrij/article/view/121>>

### CONFERENCE PRESEDINGS

- Sahto, Izat Ali; Kumar, Aneel; **Murtaza, Ali**, Aziz, Naeem, "Estimation of Shear Strength parameters of A-4 soil by Dynamic Cone Penetrometer (DCP)". 9<sup>th</sup> International International Civil Engineering Conference (ICEC-2017) "Striving Towards Resilient Built Environment" December 22-23, 2017, Karachi, Pakistan, p-208.

Hakro, Rehan; Almani, Zaheer; **Murtaza, Ali**, "Prediction of Rainfall induced slope Failure by Model Slope Experiment". 1st international Conference on sustainable Development in Civil Engineering on 23-25 Novemeber, 2017 (ICSDC-2017)

- **Murtaza, Ali**; Kumar, Aneel; Khaskheli, Ghous Bux. "Correlation Of CBR With Index Properties Of Shale" 8<sup>th</sup> International International Civil Engineering Congress (ICEC-2016) "Ensuring Technological Advancement through Innovation Based Knowledge Corridor" December 23-24, 2016, Karachi, Pakistan, p-290.
- Faizan ur Rehman; **Murtaza, Ali**; Kumar, Aneel" To Develop the Correlation between California Bearing Ratio (CBR) and Dynamic Cone Penetration Test (DCPT) for Shale Soil" 8<sup>th</sup> International International Civil Engineering Congress (ICEC-2016) "Ensuring Technological Advancement through

Innovation Based Knowledge Corridor” December 23-24, 2016, Karachi, Pakistan, p-304.

- Rehamn, ur Shafique; **Murtaza, Ali**. "Concentration of Gas Emissions of Waste Burning in Incinerator at Different Temperature". Proceedings of the 4th International Conference on Energy, Environment and Sustainable Development, November 01-03, 2016. Mehran University of Engineering and Technology, Jamshoro, Sindh, Pakistan: Energy & Environment Engineering Research Group. Paper ID: EESD\_2016\_paper\_56. Available from: eesd.muet.edu.pk.

## HONORS/ EXTRA CURRICULUM

- ASCE Under the registration Number **9384462**
- Registered with **PEC**
- GAT General qualified
- Participated in cultural activities in college/University
- Participation as an Organizer for activities like sports, Events.
- Attending conferences and participating through question section
- Participated in many Quiz competitions in College/university

## PROFESSIONAL SKILLS

- Excellent theoretical knowledge.
- Excellent communication skills.
- Polite and disciplined.
- Confident.
- Ability to work in stressed situation.
- Flexible and adaptable.
- Extremely motivated towards career.
- Quick Learner.
- Fluent in English / Urdu / Sindhi
- Team Leading Quality

## COMPUTER SKILLS

- Geo-Slope (Stability Software)
- SPSS
- Auto CAD 2d & 3d (certified)
- MD Solids
- Primavera Project Planner (certified)
- SAP 2000 v14
- Microsoft Office, Microsoft Excel and Outlook with complete features & tools
- SAFE
- ETABS

## References

References will be furnished on request. Further if Required Can send detailed Tittles of thesis on which currently working and previously worked.