

MUZAFAR AHMAD KOUCHAY,

Pulwama, Jammu & Kashmir, INDIA ,192301

Kouchaymuzafar689@gmail.com

+91-7006254510 (Cell/ Whatsapp)

EDUCATION

**M.Tech in Civil Engineering (Transportation Engineering) - MDU Rohtak
Haryana**

Gold Medalist

May 2017 | **Percentage: 87.21 %**

**B.Tech in Civil Engineering - IUST Awantipora ,
June 2015 | Awantipora, J&K Cumulative GPA: 7.08/10**

**GRADE XII - Jammu and Kashmir Board of School Education
2010| JKBOSE**

**GRADE X - Jammu and Kashmir Board of School Education
2008| JKBOSE**

COURSEWORK

MASTERS (M.Tech)

• Highway Engineering • Traffic Engineering •Transportation Planning and
Economics • Geotechnical Engineering • Finite Element Methods • Reinforced
Concrete Design • Advanced Concrete Design • Continuum Mechanics

UNDERGRADUATE (B.Tech)

- Structural Dynamics • Earthquake Resistant Design •Mechanics of Materials • Structural
Analysis • Geo technical Engineering • Reinforced Concrete Design •Transportation
Engineering • Fluid Mechanics • Hydrology •

Teaching Experience

Assistant Professor: Islamic University of Science and Technology.

Department of Civil Engineering. 05 APR 2018 - 31-12-2019

17-02-2020 - 31-12-2020

Lecturer: GCET Safapora

17-02-2021 - 31-07-2021

Lecturer: IUST Awantipora

02-08-2021 - Till date

Total Experience

4 Years and 10 Months

Courses Taught: Highway Engineering • Traffic Engineering •Transportation Planning
and Economics • Geotechnical Engineering • Surveying and Levelling

RESEARCH EXPERIENCE

- Muzafar Ahmad Kouchay. "Examining road and traffic conditions in accordance with road safety rules" **International Journal of Technical Innovation in Modern Engineering and Science**. ISSN 2455-2585.
- Muzafar Ahmad Kouchay. "A Study on stabilization of soil subgrade by using bottom ash in flexible pavements" **International Journal for research in applied science and Engineering technology**
- Muzafar Ahmad Kouchay,. "Study on Mechanical Properties of concrete and its improvement by using graphene" **International Journal of Technical Innovation in Modern Engineering and Science** ISSN 2455-2585.
- Muzafar Ahmad Kouchay,. "Flood Mitigation measures in river helum basin" **International Journal of Technical Innovation in Modern Engineering and Science**. ISSN 2455-2585.
- Muzafar Ahmad Kouchay, "Use of red mud as an inferior building material" **International Journal of Engineering technology and management science**; Vol-06; ISSN;2581-4621; September 2022; DOI:[10.46647/ijetms.2022.v06i05.028](https://doi.org/10.46647/ijetms.2022.v06i05.028)

BOOKS

- "Study of road conditions in accordance with road safety" LAP Lambert Academic Publishing; ISBN 978-613-9-4-6179-0; 2019.
- "Stabilization of soil subgrade by bottom ash" LAP Lambert Academic Publishing; ISBN 978-613-9-4-5812-7; 2019.

UNDER-GRADUATE (B.TECH) PROJECTS SUPERVISED

- "Improvement of Mechanical properties of concrete by using graphene". 2018 Islamic University of Science and Technology Awantipora J&K.
- "Study on Pedestrian Behaviour characteristics during festival gathering and its comparison with normal day behaviour".2019. Islamic University of science and Technology Awantipora J&K.
- "Predicting sidewalk walkability and safety" 2022. Islamic University of Science and technology, Awantipora, J & K

INTERNSHIP

Ramky Infrastructure Limited |Dec 2013 – Jan 2014 | Delhi

Nature of work: Road and Bridge Construction

SOFTWARES

Auto-CAD, C Programming, ANSYS, MATLAB, STAAD PRO.

PERSONAL DETAILS

Father's name	:	Mohammad Akbar Kouchay
Mother's name	:	Raja Banoo
Date of Birth	:	07 May 1993
Languages known:		English (Full proficiency), Urdu (Native Language), Kashmiri (M o t h e r Tongue)

Dated: **03/10/2022**