

Curriculum Vitae



Muhammad Rafiq Khan Kakar

Father's name: Abdul Wadood Khan
Current address: School Of Civil Engineering, Highway Lab.
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Age: 29 years

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Nationality: Pakistani

Objective: Seeking a dynamic and diversified organization where I can apply my Technical knowledge acquired during my undergraduate and postgraduate studies and to gain professional experience.

Academics and Qualification

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|---------------------|--|
| 2011 Onwards | PhD (Asphalt Technology). Highway Engineering Laboratory Universiti Sains Malaysia |
| 2008 – 10 | Master of Engineering in Civil (Transportation). N.E.D. University of Engineering & Technology, Karachi, (Pakistan). (CGPA 3.9 out of 4) |
| 2003 - 06 | B.Sc Engineering in Civil Technology: (with honors) University of Engineering & Technology, Taxila, (Pakistan) (75.05% Marks) |

Professional Experience

- **Research on Warm Mix Asphalt at**
Highway Engineering
Laboratory
Universiti Sains Malaysia.
- **Worked as Assistant Director (Engineer)**
National Highway Authority
Pakistan. (December 2007 to
June 2010)
- **Worked as a CPI (Community Physical Infrastructure)
Manager in**
Balochistan Environmental and Education
Journey (November 2006 to June 2007)
- **Worked as a Trainee Engineer in**
Pakistan Motorway Contractors Joint Venture (PMC JV) (April
2006 to October 2006)

Graduate Course Studies

- Urban Transportation Planning
- Geometric Design of Highways
- Pavement Analysis & Design
- Transportation Economics
- Advance Traffic Engineering & Management
- Traffic Flow Theory
- Probability and Statistics
- Road Maintenance Management system

BSc Civil Engg. Term Projects

- Detail study of Batching Plant
- Visit of Construction of GT road at Sangjani
- Study of different curing techniques
- Design of retaining wall
- Design of one- way and two- way slab

Final project: Excel Based Programs for the Design and Analysis of Reinforced Concrete Members.

Computer Skills

- Operating Systems (Windows All)
- Auto Cad
- STAAD PRO
- C++ (TURBO)
- Microsoft office (word, excel, power point, front page)
- Web designing
- MS Project

Reference

Professor Dr. Meor Othman HamzahEmail: cemeor@eng.usm.my

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