

Personal CV

Ghafur H. Ahmed

Curriculum Vitae

Dr. Ghafur H. Ahmed



1. Institution

Department of Highway and Bridge Engineering
Erbil Technical Engineering College
Erbil Polytechnic University

2. Personal data

Date of Birth: July 03,1980
Location: Soran-Hawler
Marital Status: Married
Home Address: Hawler Zanco Qr.
Mob. 0750 463 10 43
E-mail ghafur.ahmed@epu.edu.iq

3. Education:

PhD in Structures and construction materials, Salahaddin University-Erbil, 2020
MSc in Structural Engineering, Salahaddin University-Erbil, 2009
BSc in Civil Engineering, Salahaddin University-Erbil, 2002

4. Theses Title:

PhD: Behavior of Joint in Precast Post Tension Segmental Hollow Girder Bridge
MSc: Punching Shear Strength and Behavior of Ultra High Performance Reinforced Concrete Flat Plate Slabs

5. Working Experience:

1. Lecturer in Civil and Highway Engineering
2. Research in Civil & Structural Engineering
3. Design of Buildings and Houses
4. Evaluation of existing structures
5. Supervision of Engineering Projects
6. Management of Engineering Projects
7. Quality Management according to ISO 9001 & ISO 17025
8. Construction laboratories, technical testing and management

6. Employment:

1. Ministry of Construction, Supervisor Engineer and project manager 2002/2003
2. Ministry of Municipalities, Supervisor Engineer and project manager 2003/2005
3. Private Sector, Construction Engineer and project manager 2005/2009
4. Erbil Construction Laboratory, Council of Ministers, Quality Manager, Technical Manager 2009/2013
5. Erbil Polytechnic University, Lecturer, Researcher 2013/2020

7. Teaching Experience:

Civil Engineering Construction Technics 2013/2014

Highway Engineering Construction Technics 2013/2020

Structural Analysis 2014/2015

Mathematics-I 2014/2015

Bridge Engineering 2016/2020

8. Research:

1. Punching Shear Strength of Concrete Flat Plate Slabs During (1906-2009), Review and Analysis, Zanco, Journal of Pure and Applied Sciences, Vol. 23 No. 2, 2011.
2. Mechanical Properties of Ultra High Performance Concrete (UHPC), Twelfth International Conference on Recent Advances in Concrete Technology and Sustainability Issues Prague, Czech Republic, Oct 31-Nov 2, 2012.
3. Mechanical Properties of Welded Deformed Reinforcing Steel Bars, ARO, The Scientific Journal of Koya University , Volume III, No 1(2015).
4. Punching Shear Strength And Behavior of UHPC Flat Plate Slabs, Thirteenth International Conference on Recent Advances in Concrete Technology and Sustainability Issues Ottawa, Canada, July 14-17, 2015.
5. Mechanical Properties for Splices of Welded Reinforcing Steel Bars, Zanco Journal of Pure and Applied Sciences, Vol.27, No.6, 2015.
6. Influence of intensity & eccentricity of posttensioning force and concrete strength on shear behavior of epoxied joints in segmental box girder bridges, Construction and Building Materials 197 (2019) 117–129.
7. Shear behavior of dry and epoxied joints in precast concrete segmental box girder bridges under direct shear loading, Engineering Structures 182 (2019) 89–100.
8. Shear strength of joints in precast posttensioned segmental bridges during 1959–2019, review and analysis, Structures 20 (2019) 527–542.
9. Stresses, deformations and damages of various joints in precast concrete segmental box girder bridges subjected to direct shear loading, Engineering Structures 206 (2020) 110151