

Curriculum Vitae

Name: Bafreen Chalabi Zero
Last Certificate: Master Degree (M.Sc)

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bafrinchalabi@gmail.com



Gender: Female

Specific Specialty: Highway & Bridges Engineering

Years of Experience in Teaching: 7 years

Academic Qualifications

- 2017** M.Sc. Highway Engineering, Polytechnic University, Erbil, Iraq.
- 2012** B.Sc. Civil Engineering, Polytechnic University, Erbil, Iraq.
- 2008** Diploma. Civil Technical, Erbil, Iraq.

Personal profile

I am a hard-working individual who enjoys working. I am excellent at meeting deadlines. I have five years of experience in college about (practical part: pavement design, asphalt material, civil drawing, theory part: soil mechanic, engineering statistic, asphalt technology and supervised project stage four), I have teaching in entrepreneurship development conducted by United Nations Industrial Development Organization (UNIDO) and supervised to make Business plane in this course, memberships in Karin group and I don't like to contribute to a college only. She started EPU academic career in 2017, assistant lecturer at Highway and Bridges Department College, Erbil Polytechnic University/ Erbil Technical Engineering College. Currently, she is a lecturer of Highway and Bridges Department, Erbil Technical Engineering College, Erbil Polytechnic University, Erbil-Iraq.

Education

- 2017** **Master Degree (M.Sc)**
 - Master degree in technical Engineering from the Technique of Civil Engineering Department specialty about Highway Engineering.
 - Passing grade (**80.625**).
- 2012** **Bachelor Degree (B.Sc)**
 - Bachelor degree in Technical Engineering from the technique of Civil Engineering Department.
 - Pass **first** attempt with **good**.
 - Rank (**2**) in a class 57 students and Passing grade (**76.0132**).
- 2008** **Diploma**
 - Technical diploma in civil from the Building & Construction department.
 - Pass **first** attempt with **very good**.
 - Rank (**3**) in a class 138 students and Passing grade (**83.396**).

Labial of Science

3/7/2023- Lecturer at Department of Technical Highway Engineering, Erbil Technical Engineering College, Erbil Polytechnic University, Erbil, Iraq.

10/6/2020- Assistance Lecturer at Department of Technical Highway Engineering, Erbil Technical Engineering College, Erbil Polytechnic University, Erbil, Iraq.

Research (Publications & Working)

Study of Fundamental Relationships of Traffic Flow for Selected Locations in Erbil City, (July 2021Conference: 2021 7th International Engineering Conference "Research & Innovation amid Global Pandemic" (IEC) 24-25 Feb. 2021At: Erbil, Iraq). <https://ieeexplore.ieee.org/document/9476108>

Speed-Density Relationships of Urban Road in Erbil City Using Moving Vehicle Method, (July 2022Conference: 2022 8th International Engineering Conference "Research & Innovation amid Global Pandemic" (IEC) 24-25 Feb. 2022At: Erbil, Iraq).<https://ieeexplore.ieee.org/abstract/document/9807495>

Developed of Passenger Car Unit (PCU) Streets in Erbil City, (July 2022Conference: 2022 8th International Engineering Conference "Research & Innovation amid Global Pandemic" (IEC) 24-25 Feb. 2022At: Erbil, Iraq). <https://ieeexplore.ieee.org/abstract/document/9807486>

Moving Vehicle Method to Calculate Traffic Flow Characteristics for Erbil 60m Ring Road. (Erbil Polytechnic University Journal). <https://journals.epu.edu.iq/index.php/polytechnic/article/view/770>

Interpretable Ensemble Imbalance Learning Approaches on Dealing with Imbalanced Traffic Crash Data: A Case Study of Erbil City, Iraq (Working on it).

Improve the Level of Service and capacity of Shorish Road in Erbil City (Working on it).

Improve the level of service of a portion of Majidi Mall Road in Erbil City (Working on it).

Trainer and Teaching

2023-Trainer for the (ministry of construction and housing K.R.G. G.D. of roads & bridges, construction & Housing-Erbil training course on Iraq general specification for roads & bridges (G.S.R.B.)), February to May 2023 in Duhok City. / Bridge Part

2022-Trainer for the (ministry of construction and housing K.R.G. G.D. of roads & bridges, construction & Housing-Erbil training course on Iraq general specification for roads & bridges (G.S.R.B.)), October to December 2022 in Erbil City. / Bridge Part

2019-Trainer for the project (enhancing youth employability among Syrian refugees, IDPs and host communities in the Kurdistan Region of Iraq), UNIDO, November to December 2019.

Course or Training

2023-**The English Mediated Instruction Academic Skills in English Summer School**/ Masarykova univerzita Centrum jazykoveho vzdelavani zerotinovo namesti 617/19 Brno-mesto 60200 Brno2.

2022- (دائرة الرعاية العلمية) / (برمجة المواقع والتطبيقات) / Online.

2022- (دائرة الرعاية العلمية) / (تحدث اللغة الانكليزية الان) / Online.

2022- **ProtaStructure Software Application**/ Highway and Bridges Engineering Department-EPU.

2022-**Total Station Application in Civil engineering Works**/ Civil Engineering Department-EPU.

2021-**Mechanical and Energy Engineering Department Research Tools**/ Mechanical and Energy Engineering Department-EPU.

2021-Geographic information system (GIS) using ArcGIS desktop/Information System Engineering department-EPU.

2021-Advance information about Zoom meeting, and Moodle platform/ Civil Engineering Department.

2021-Highway Engineering Technology and Scientific Research Tools/ Highway and Bridges Engineering Department-EPU.

2020-Publishing a Paper in International Journals/Erbil Polytechnic University.

2020-Digital Marketing/Skill Mania.

2020-My Real Online Business (MROB)/Kanis.

2020-Language Course/Salahadin University-Erbil.

2018-Training of Trainers on Entrepreneurship Development/United Nation Industrial Development Organization (UNIDO).

2017-Teaching Course/Erbil Polytechnic University (EPU).

2017-Language Course/Erbil Polytechnic University (EPU).

2017-Teaching methods and Research methodology/Erbil Polytechnic University (EPU).

2014-Language Course/Salahadin University-Erbil/Language Center

2013-Computer Course/Salahadin University-Erbil

Conference

(Third Student Scientific Conference)/Erbil Polytechnic University.

The 9th International Engineering Conference on Advances in Computer and Civil Engineering Conference Between Erbil Polytechnic University and International TISHK University Has Started/Tishk International University and Erbil Polytechnic University by (IEEE Iraq Section)2023.

The 8th Annual International Engineering Conference Between Erbil Polytechnic University and International TISHK University Has Started/Tishk International University and Erbil Polytechnic University by (IEEE Iraq Section)2022.

قد شارك بالمؤتمر العلمي الدولي الأول استشراف مستقبل التدريب في ظل التطور العلمي (الواقع والطموح)/ Federation of Arab Trainers Syndicates.

جامعة البيان تعقد مؤتمرها العلمي الدولي الافتراضي الاول/ دور البحث العلمي في تحقيق اهداف التنمية المستدامة

1st Scientific Conference of College of Health Sciences/Virtual Conference Sponsored by Hawler Medical University.

The Iraqi society for engineering management, in cooperation with Noor Al-Ufoq company for training development and organizing Exhibitions and conference.

(International Engineering Conference (7th IEC2021))/Tishk International University and Erbil Polytechnic University by (IEEE Iraq Section)

(1stInternational Virtual Scientific Conference)/Erbil Polytechnic University and University of Mosul.

(**Conference The TIGRIS Project**)/Erbil Polytechnic University.

(**Geotechnical Infrastructure for Megacities and New Capitals TC 305 (ISSMGE)**)/Department of Civil Engineering College of the Engineering University of Baghdad.

(**3rd International Conference on Recent Innovations in Engineering (ICRIE2020)**)/University of Duhok, College of Engineering.

(**First Student Scientific Conference**)/Erbil Polytechnic University.

(**International Engineering Conference (IEC2020)**)/Tishk International University and Erbil Polytechnic University by (IEEE Iraq Section)

(**International Engineering Conference (IEC2019)**)/Tishk International University and Erbil Polytechnic University by (IEEE Iraq Section)

Work Experience

(**2023**)-Head of Highway and Bridges Engineering Department.

(**2020-2023**)-Committee check (Academic Staff of Teacher, Course Book, Evaluation Type of Question Final Exam, Activity in Department Sent for EPU) of Highway and Bridges Engineering Department.

(**2019-2022**)-Assistance(deputy) head of Highway and Bridges Engineering Department.

(**2020-2023**)-Committee head of summer training at Highway and Bridges Engineering Department

(**2019-2023**)-Member at Exam committee and quality assurance committee at Highway and Bridges Engineering Department.

(**2017-2023**)-Supervisor for project of fourth class in Highway and Bridges Engineering Department.

2019-I am a membership in Karin group.

2019-I am privet teaching at home for students in Salahadin University/Civil Engineering Department (Soil Mechanics and Highway Engineering).

2019-I am supervised 5 students for make a business plane and work in Erbil city.

(**2017-2019**)-Presence and absents committee at highway department.

2018-Supervised group of students in Erbil Polytechnic University project submitted to IREX. Title name: Improve Distribution of Temperature inside a Green-House (Problem of Kurdistan Flower).

(**2017-2023**)-Evaluation committee of project stage four at Highway and Bridges Engineering Department.

(**2017-2023**)-Assistance Lecturer in Technical Engineering of the Highway Engineering Department.

(**2023-2024**)-Lecturer in Technical Engineering of the Highway Engineering Department.

(**2013-2014**)-Engineer (I have B.Sc) and head of asphalt lab in Technical Engineering of Highway Engineering Department.

(**2012-2013**)-Engineer in Technical Engineering of the Highway Engineering Department.

General Experience

Computer

- Microsoft Word
- Microsoft Excel
- Microsoft PowerPoint
- Auto CAD Software
- ProtaStructure Software Application
- STAA.Pro (Structural Analysis and Design Software)
- SPSS Software (Statistical Package for the Social Sciences)

Language

Skill Language	Writing		Speaking	
Language/level	Medium	Good	Medium	Good
Kurd		*		*
Arabic	*		*	
English		*		*
Persian		*		*

Responsibilities

- Head of Highway and Bridges Engineering Department at the moment.
- Department scientific committee at Highway and Bridges Engineering Department.
- Member of postgraduate exam committee at Highway and Bridges Engineering Department.
- Committee head of summer training at the Highway and Bridges Engineering Department for two years.
- Member of BS.c exam committee at Highway and Bridges Engineering Department.
- Evaluation committee of project stage four at Highway and Bridges Engineering Department.
- Lecturer in two subjects (Soil Mechanics & Asphalt Technology).

My hobby

- Sport.
- Reading books.
- Travel to another country.
- Research.
- Training (different information).

Reference

Assist. Prof. Salar Khudhur Hussein

Position: Central Admission Office Student acceptance, distribution program and administration.

ZankoLine and Head of Erbil Municipality Council In addition to other duties in Ministry of Higher Education

Employer: Erbil Technical Engineering College / Civil Engineering Dept.

Address: Erbil Technical College /Erbil, Kurdistan Region, Iraq

Contact No.: +964 (0)7504450902 (Mobile)

E- mail: salar.hussein@epu.edu.iq

Dr. Ghafur Hamadameen Ahmed

Position: Lecture of Highway & Bridges Engineering Department.

Employer: Erbil Technical Engineering College / Highway & Bridges Engineering Dept.

Address: Erbil Technical College /Erbil, Kurdistan Region, Iraq.

Contact No.: +964 (0)7504631043 (Mobile)

E- mail: ghafur.ahmed@epu.edu.iq

CV UPDATE

The last update of this CV is in September 2023.