

Curriculum Vitae  
**Teba Tariq Khaled Ali**

**Mustansiriyah University-College of Engineering**

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**INTRODUCTION**

An accomplished and high achieving researcher professional with more than eight years' experience working in the engineering sector. Possesses wide-reaching skills that enable the practicing of various key stages.

Holds the acumen and capacity to deliver curriculums beyond expectations, complemented with several academic credentials including Bachelor in Highway and Transportation Engineering as well as current study towards a Masters in Highway and Transportation Engineering/Transportation. Able to facilitate positive behavior within the classroom and able to promote effective learning through engagement and discipline.

**EDUCATION:**

- **MSc.** in Highway and Transportation Engineering / Transportation Engineering from Mustansiriyah University - College of Engineering - Highway and Transportation Engineering Department (2019).

Thesis Title: **Effect of Adding RAP to Enhance the Performance of Asphalt Mixtures.**

Supervised By: **Prof. Dr. Mohammed Qadir Ismael**

- **BSc.** in Highway and Transportation Engineering from Mustansiriyah University- College of Engineering - Highway Engineering and Transportation Department (2011). Ranked 3<sup>rd</sup> of 32 Students class.

Research Title: **Evaluation of the Maintenance Management System in the Iraqi Railway.**

Supervised By: **Prof. Dr. Ali Jabber Kadhim**

**PERSONAL SUMMARY:**

- **Academic Rank:** Assistant Lecturer.
- **Area of Interest:** Highway and Transportation Engineering, Sustainable Materials, Structural Design, Geometric Design, Highway Engineering Management, Transportation Engineering Management, Transportation Planning, Railway Network, Railway Construction, Flexible Pavement Design, Rigid Pavement Design, Maintenance Management System, Maintenance Pavement Technical.

**CAREER OVERVIEW:**

**University Staff Member at Mustansiriyah University / College of Engineering/ Highway and Transportation Engineering Department/ Baghdad, Iraq (2019 – Present).**

- I teach the Fluid laboratory to the second stage. At the same time, I am responsible for controlling the experimental work in Central Survey laboratory (2020– Present).
- Supervisor of Central Survey laboratory (2020– Present).
- Head of Division of Scientific Affairs-Scientific Researches Unit (2020 – Present).

الأستاذ المساعد الدكتور  
علي محمد طارق  
معاون مدير الشؤون العلمية

قيس صاحب الموسوي  
رئيس قسم الطرق والنقل

- I teach the maintenance laboratory to the fourth stage. At the same time, I am responsible for controlling the experimental work in asphalt laboratory (2019 – 2020).
- In charge of Administrative work in the Division of Scientific Affairs-Scientific Researches Unit (2019 – 2020).

**Mustansiriyah University / College of Engineering/ Highway and Transportation Engineering Department/ Baghdad, Iraq (2018 – 2019).**

- Assistant Engineer at the Traffic Laboratory.
- Assistant Engineer at the Maintenance Laboratory.
- Assistant Engineer at the Engineering Drawing Laboratory.
- Assistant Engineer at the AutoCAD Laboratory

**Mustansiriyah University / College of Engineering/ Highway and Transportation Engineering Department/ Baghdad, Iraq (2012 – 2014).**

- Assistant Engineer at the Asphalt Laboratory.
- Assistant Engineer at the Fluid Laboratory.
- Assistant Engineer at the Concrete Laboratory.
- Assistant Engineer at the Materials Laboratory.
- Assistant Engineer at the soil Laboratory.
- Assistant Engineer at the Survey Laboratory.

**Ministry of Construction and Housing, Baghdad, Iraq (2011 – 2012)**

- Site Engineer

**ACADEMIC /TEACHING EXPERIENCE:**

- 9 years of experience in teaching.
- Certificate in the safety of Arabic language.
- Certificate in the (educational qualification course) methods of teaching.
- Certificate in the Geotechnical Analysis and Design by using Geo software.
- Certificate in the design of the Cement concrete mixtures.
- Certificate in the Project Management by using Microsoft Project 2007.
- Certificate in the English language.
- Certificate in the Computer Skills IC3.
- Certificate in Academic Writing and Publishing.

**COURSES TAUGHT:**

Undergraduate	Graduate
Engineering Drawing-First Stage. Transportation Laboratory-Second Stage. Concrete Laboratory-Second Stage. Fluid Laboratory-Second Stage. AutoCAD Laboratory-Second Stage. Soil Laboratory-Third Stage. Traffic Laboratory-Third Stage. Maintenance Laboratory-Fourth Stage Survey Laboratory-Second Stage.	

## PUBLICATIONS:

- Ismael, M.Q. and **Khaled, T.T.**, (2018). "Rutting Potential for Asphalt Mixtures Containing Reclaimed Asphalt Pavement", Published in the Proceeding of 4<sup>th</sup> International Conference of the Middle East Society of Asphalt Technologist, Sustainable Asphalt Roads in the Middle East, MESAT4.
- Ismael, M.Q. and **Khaled, T.T.**, (2018). "Effect of Rejuvenating Agent on the Mixtures Containing High Percent of Reclaimed Asphalt Pavement", IOP Conference Series: Materials Science and Engineering.
- Aboud, G.M., Jassem, N.H., **Khaled, T.T.**, and Al-Hamd, R.K.S., (2019). "Assessment and Development of Traffic Operation for Al-Maghrib Intersection", Published in the Proceeding of 1<sup>st</sup> International Conference in Engineering and Medical Sciences, ICTOEMS1.
- Ismael, M.Q. and **Khaled, T.T.**, (2019). "Evaluation of Hot Mix Asphalt Containing Reclaimed Asphalt Pavement to Resist Moisture Damage", Journal of Engineering and Sustainable Development Vol. 23, No.5.
- **Khaled, T.T.**, Aboud, G.M. and Al-Hamd, R.K.S., (2020). "Study the Effect of Adding Crumb Rubber on the Performance of Hot Mix Asphalt", IOP Conference Series: Materials Science and Engineering.
- Al-Hasan Mohammed, E.A., Mohamad, S.A., **Khaled, T.T.** and Alzubaidi, A., (2020). "Study the Effect of Mineral Filler on the Mechanical Properties of Hot Mix Asphalt", IOP Conference Series: Materials Science and Engineering.
- Aboud, G.M., Jassem, N.H., **Khaled, T.T.**, Abdulhussein, A.A. and Kumar, V., (2020). "Effect of Polymer's Type and Content on Tensile Strength of Polymers Modified Asphalt Mixes", Al-Qadisiyah Journal for Engineering Sciences Vol. 1, No.13.
- Mohamad, S.A., Al-Hamd, R.K.S. and **Khaled, T.T.**, (2020). "Investigating the Effect of Elevated Temperatures on the Properties of Mortar Produced with Volcanic Ash", Innovative Infrastructure Solutions, Vol. 5, No. 1.
- Kadhim, A.J., Alkaissi, Z.A. and **Khaled, T.T.** (2020). "Travel Speed Prediction Model for Urban Arterial Road and Traffic Management", Journal of Green Engineering, Vol. 10, No. 12.

## CONFERENCE

- 4<sup>th</sup> International Conference of the Middle East Society of Asphalt Technologist, Sustainable Asphalt Roads in the Middle East (MESAT4), that was held at University of Balamand on 4-6 July 2018, Beirut, Lebanon.
- 1<sup>st</sup> International Conference on Materials Engineering and Science-(IconMEAS1) that was held at Istanbul Aydin University on 8-9 August 2018 , Istanbul, Turkey.
- 1<sup>st</sup> International Conference in Engineering and Medical Sciences (ICTOEMS1) that was held at University of Al-Nukhba on 24-25 April 2019, Baghdad, Iraq.
- 4<sup>th</sup> International Conference on Buildings, Construction and Environmental Engineering (BCEE4) that was held at Istanbul Technical University on 7-9 February 2019, Istanbul, Turkey.
- 1<sup>st</sup> International Conference on Engineering and Advanced Technology (ICEAT1) that was held at University of Assiut on 11-12 February 2020, Assiut, Egypt.



- 1<sup>st</sup> International Virtual Conference on Pure Sciences (IVSCPS) that was held online at zoom program on 10-17 June 2020, Al-Qadisiyah, Iraq .
- 1<sup>st</sup> International Virtual Conference on Scientific Research in the Time of the Corona Pandemic (IVCSRTCP) that was held online at zoom program on 8 June 2020, Baghdad, Iraq .

## **PROFESSIONAL DEVELOPMENT**

### **Technical:**

- Professional in SPSS Statistical Software.
- Professional in VESSYS Software.
- Professional in AutoCAD Software.
- Professional in COMSOLE Software.
- Professional in Vissim Software.
- Professional in Sidra Software.
- Professional in MS-Project Software.

### **Languages:**

- English (Advance).
- Arabic (Fluent).

### **Personal Hobbies:**

- Running.
- Travelling.
- Reading.
- Writing.

## **PROFESSIONAL MEMBERSHIPS & EXTRACURRICULAR ACTIVITIES**

I am a self-motivated person who seeks a balanced career between academic and industry. Therefore, I was involved in different activities.

- Member in the International Association for Highway and Transportation Engineering (2019 – Present)
- Member in the Iraqi Teachers Union (2019 – Present).
- Member in the Iraqi Academics Syndicate (2019 – Present).
- A postgraduate representative for Mustansiriyah University, Highway and Transportation Engineering Department, Students' Association (2014-2018).
- Member in Iraqi Engineering Associates (2011 – Present).
- Student representative for Mustansiriyah University, Highway and Transportation Engineering Department, Students' Association (2008-2011).

## **ACADEMIC HONORS AND AWARDS:**

- (40) Acknowledgement from the Dean of the Engineering College - Mustansiriyah University.
- (12) Acknowledgement from the President of Mustansiriyah University.
- (1) Acknowledgement from the President of the University of Al-Technology.
- (5) Acknowledgement from the Minister of Higher Education and Scientific Research.