

Curriculum Vitae (2023-2024)

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 of experience in engineering. 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's in Highway and Transportation Engineering as well as current study towards a Master's 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 3rd of 32 Students in class.

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

Supervised By: Prof. Dr. Ali Jabber Kadhim

PERSONAL SUMMARY:

- **Academic Rank:** 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).

- In charge of administrative work in the Division of Scientific Affairs-Scientific Researches Unit (2019 – 2020).
- I teach the Fluid laboratory to the second stage. At the same time, I am responsible for controlling the experimental work in the Central Survey laboratory (2020– 2021).
- Supervisor of Central Survey laboratory (2020– 2022).
- I teach the maintenance laboratory to the fourth stage. At the same time, I am responsible for controlling the experimental work in the asphalt laboratory (2019 – Present).
- Head of Division of Scientific Affairs-Scientific Researches Unit (2020 – Present).
- I teach Airport and Railway Engineering to the third stage. At the same time, I am responsible for controlling the experimental work in the maintenance laboratory (2022 – Present).

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 – 2015).

- 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:

- 11 years of experience in teaching.
- Certificate in the safety of the Arabic language.
- Certificate in the (educational qualification course) methods of teaching.
- Certificate in Geotechnical Analysis and Design by using Geo software.
- Certificate in the design of Cement concrete mixtures.
- Certificate in Project Management by using Microsoft Project 2007.
- Certificate in the English language.
- Certificate in 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 Engineering-Second Stage.	
Survey Laboratory-Second Stage.	
Airport Engineering -Third Stage.	
Railway Engineering -Third Stage.	

PUBLICATIONS:

- Ismael, M.Q. and **Khaled, T.T.**, (2018). "Rutting Potential for Asphalt Mixtures Containing Reclaimed Asphalt Pavement", Published in the Proceeding of 4th 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 1st 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.
- Abdulla, F. A., Qasim, S. M., Abdulrazzaq, M. A., Ali, W. A., Al-Sharify, Z. T. and **Khaled, T.T.**, (2023). "Shot Peening Effect on Behavior of Impact for Composite Material", AIP Conference Proceedings.

- Al-Sharify, Z. T., Alshrefy, Z. A., Al-jarjees, S. D., Al-Moameri, H., Al-Sharify, T. A., Ghosh, S., Onyeaka, H., **Khaled, T.T.** and Dahham, O. S., (2023). "Using GIS Model to Investigate Sustainable Irrigation Techniques from Wastewater", AIP Conference Proceedings.
- Aalhashem, N. A., Nayel, D. H., Hasan, M. B., **Khaled, T.T.**, Al-Sharify, Z. T., Nussrat, T. H. and Nussrat, H. H., (2023). "Statistical Analysis of the Householder Perceptions and Awareness of Sustainable and Low Energy Residential Architecture Designs", AIP Conference Proceedings.
- Aalhashem, N. A., Al-Kaissi, K. A., Al-Sharify, T. A., Al-Sharify, Z. T., Al-Hamd, R. Kh. and **Khaled, T.T.**, (2023). "Digital Architecture and Designing Architecture Space and Its Effect on Future Life Strategy", AIP Conference Proceedings.
- Aalhashem, N. A., Al-Kaissi K. A., **Khaled, T.T.**, Al-Sharify, T. A., Al-Sharify, Z. T., Naser, Z. A. and Al-Hamd, R. KH., (2023). "The Future of an Intelligent and Responsive Architecture Design After The COVID-19 Epidemic", AIP Conference Proceedings.

CONFERENCE

- 4th International Conference of the Middle East Society of Asphalt Technologists, Sustainable Asphalt Roads in the Middle East (MESAT4), that was held at the University of Balamand on 4-6 July 2018, Beirut, Lebanon.
- 1st International Conference on Materials Engineering and Science-(IconMEAS1) that was held at Istanbul Aydin University on 8-9 August 2018, Istanbul, Turkey.
- 1st International Conference in Engineering and Medical Sciences (ICTOEMS1) that was held at the University of Al-Nukhba on 24-25 April 2019, Baghdad, Iraq.
- 4th International Conference on Buildings, Construction and Environmental Engineering (BCEE4) that was held at Istanbul Technical University on 7-9 February 2019, Istanbul, Turkey.
- 1st International Conference on Engineering and Advanced Technology (ICEAT1) that was held at the University of Assiut on 11-12 February 2020, Assiut, Egypt.
- 1st International Virtual Conference on Pure Sciences (IVSCPS) that was held online at zoom program on 10-17 June 2020, Al-Qadisiyah, Iraq.
- 1st 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.
- 2nd International Conference on Engineering and Advanced Technology (ICEAT1) that was held at the University of Assiut on 28-29 March 2022, Istanbul, Turkey.

Supervision:

Projects Submitted to the Highway and Transportation Engineering Department / College of Engineering / Mustansiriyah University as A Partial Fulfillment of the Requirements for the Degree of B.Sc. in Highway and Transportation Engineering Under My Supervision

- Investigation of the Influence of Natural Rubber on the Mechanical Properties of Asphalt Mixtures, (2020). By Omer Mohammed Sraseh and Mohammed Resen Balasim.

- Study the Resistance of Colored Asphalt Mixture to Moisture Damage, (2021). By Hatem Mohammed abdalAbbas and Sajad Jabar Rashid.
- Improvement of Pavement by Manufacturing Modified Asphalt Mixtures with Fibre Materials, (2022). By Tammar Majid Kadhim and Abbas Mohammed Jabbar.

REVIEWER

I am a reviewer of the Manuscripts in the following journals which are indexed under Scopus and Clarivate:

- Reviewer (26) Manuscripts for the International Conference on Engineering and Advanced Technology.
- Reviewer (8) Manuscripts for the International Journal of Pavement Research and Technology.
- Reviewer (2) Manuscripts for the International Conference on Materials Engineering & Science.
- Reviewer (2) Manuscript for the Materials Today: Proceedings.
- Reviewer (1) Manuscript for the Asian Journal of Physical and Chemical Sciences.
- Reviewer (1) Manuscript for the International Conference on Materials Engineering and Science (IConMEAS).
- Reviewer (1) Manuscript for the International Conference on Mechanical Automation and Engineering Materials (MAEM).
- Reviewer (2) Manuscript for the Journal of Engineering Science and Technology.
- Reviewer (1) Manuscript for the Physical Science International Journal.

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 (advanced).
- Arabic (Fluent).

Personal Hobbies:

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

PROFESSIONAL MEMBERSHIPS & EXTRACURRICULAR ACTIVITIES

I am self-motivated and seek a balanced career between academics and industry. Therefore, I was involved in different activities.

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

ACADEMIC HONORS AND AWARDS:

- (60) Acknowledgement from the Dean of the Engineering College - Mustansiriyah University.
- (15) Acknowledgement from the President of Mustansiriyah University.
- (1) Acknowledgement from the President of the University of Al-Technology.
- (10) Acknowledgement from the Minister of Higher Education and Scientific Research.



الأستاذ المساعد الدكتور
علي حسين السيد
معاون العميد للشؤون العامة



الأستاذ الدكتور
محمد هاشم محمد
رئيس قسم هندسة الطرق والنقل

المسيرة الذاتية (٢٠٢٣-٢٠٢٤)

طريقة طارق خالد علي

الجامعة المستنصرية - كلية الهندسة

Mobile: 07707331604

Email: tcba.tariq@uomustansiriyah.edu.iq

ملخص تعريفي:

- القاب العلمي: مساعد.
- اللغات: اللغة العربية واللغة الانكليزية.
- مجال الاهتمام: هندسة الطرق والنقل، المواد المستدامة، التصميم الانشائي، التصميم الهندسي، ادارة هندسة الطرق، ادارة هندسة النقل.

الشهادات الدراسية:

- ماجستير هندسة الطرق والنقل/ مواصلات من الجامعة المستنصرية-كلية الهندسة-قسم هندسة الطرق والنقل (٢٠١٩).
- بكالوريوس هندسة الطرق والنقل من الجامعة المستنصرية-كلية الهندسة-قسم هندسة الطرق والنقل (٢٠١١).

الجوائز والتكريم الأكاديمي

- (15) كتاب شكر وتقدير من عميد كلية الهندسة الجامعة المستنصرية.
- (2) كتاب شكر من رئيس الجامعة المستنصرية.
- (1) كتاب شكر من رئيس الجامعة التكنولوجية.
- (1) كتاب شكر من وزير التعليم العالي والبحث العلمي.

الخبرة الأكاديمية والتدريس:

- سنوات الخبرة (٧) سنوات في التدريس.
- شهادة في سلامة اللغة العربية.
- شهادة في (التأهيل التربوي) طرائق التدريس.
- شهادة في التحليل والتصميم الجيو تكني باستخدام برنامج Geo.
- شهادة في تصميم الخلطات الخرسانية الاسمنتية.
- شهادة في ادارة المشاريع باستخدام برنامج Microsoft Project 2007.
- شهادة في اللغة الإنكليزية.
- شهادة في مهارات الحاسوب IC3.

المقررات الدراسية التي تم تدريسها:

الدراسات العليا	الدراسات الأولية
	رسم هندسي مرحلة أولى. مختبر مواصلات مرحلة ثانية. مختبر خرسانة مرحلة ثانية. مختبر فلود مرحلة ثانية. مختبر اوتوكاد مرحلة ثانية. مختبر تربة مرحلة ثالثة. مختبر مرور مرحلة ثالثة. مختبر صيانة مرحلة رابعة.

الانتساب المهني او الجمعيات:

- عضو لجنة سائدة للجنة الامتحانية.
- عضو للجنة غيابات.
- عضو لجنة مختبر الاسفلت.
- عضو لجنة مختبر هندسة المرور.
- عضو لجنة مختبر هندسة التربة.
- عضو لجنة مختبر البرمجة.
- عضو لجنة متابعة الخطة العلمية.
- عضو لجنة متابعة الخطة البحثية.
- عضو لجنة الاجازات الدراسية داخل العراق.
- عضو لجنة تدقيق اوليات وترشيح المتقدمين للزمالة البحثية.
- عضو للجنة مشروع المستودع الرقمي.
- مقرر لجنة نظام المقررات.
- ❖ مكلفة بعمل اداري في شعبة الشؤون العلمية وحدة البحوث العلمية.

المنشورات العلمية:

PUBLICATIONS:

- Ismael, M.Q. and **Khaled, T.T.**, (2018). "Rutting Potential for Asphalt Mixtures Containing Reclaimed Asphalt Pavement", Published in the Proceeding of 4th International Conference of the Middle East Society of Asphalt Technologist, Sustainable Asphalt Roads in the Middle East, MESAT4.
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- **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.
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- 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.
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- Al-Sharify, Z. T., Alshrefy, Z. A., Al-jarjees, S. D., Al-Moameri, H., Al-Sharify, T. A., Ghosh, S., Onyeaka, H., **Khaled, T.T.** and Dahham, O. S., (2023). "Using GIS Model to Investigate Sustainable Irrigation Techniques from Wastewater", AIP Conference Proceedings.
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- Aalhashem, N. A., Al-Kaissi K. A., **Khaled, T.T.**, Al-Sharify, T. A., Al-Sharify, Z. T., Naser, Z. A. and Al-Hamd, R. KH., (2023). "The Future of an Intelligent and Responsive Architecture Design After The COVID-19 Epidemic", AIP Conference Proceedings.

تطوير المهارات:

- اقامة ورشة عمل بعنوان (الآية التسجيل الطلبة المقبولين للعام الدراسي (٢٠٢٠-٢٠١٩) على المقررات الدراسية في الاقسام العلمية).
- اقامة ورشة عمل بعنوان (التعريف بالخطة العلمية وشرح محاورها).
- استخدام البرنامج الاحصائي SSPS.
- استخدام برنامج VESSYS.
- استخدام برنامج الاوتوكاد.



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