

أ.د. محسن نوري حمزة
الجامعة التكنولوجية، قسم الهندسة الميكانيكية

٠٧٩٠١٧٥٩٩٦٥

mohsin.n.hamzah@uotechnology.edu.iq



الجنسية	عرافي
محل و تاريخ الولادة	١٩٧١ بغداد
الحالة الزوجية	متزوج
اللغة الام	العربية
لغات اخرى	الإنكليزية
محل العمل	جامعة التكنولوجية، قسم الهندسة الميكانيكية، بغداد – العراق
اللقب العلمي	أستاذ
المنصب الحالي	عميد كلية الهندسة الميكانيكية

الشهادات الحاصل عليها

السنة	الدرجة العلمية	الجامعة المانحة للشهادة	البلد
٢٠٠٧	دكتوراه هندسة ميكانيكية / ميكانيك تطبيقي	جامعة بغداد	العراق
١٩٩٦	ماجستير هندسة ميكانيكية / ميكانيك تطبيقي	جامعة النهرين	العراق
١٩٩٣	بكالوريوس هندسة ميكانيكية	جامعة بغداد	العراق

الخبرة الإدارية / العلمية

٢٠٢٥ - لغاية الان	آذار	رئيس الجامعة التكنولوجية
٢٠٢٣ - ٢٠٢٥	تشرين الأول	عميد كلية
٢٠٢٣ - ٢٠١٩	كانون الثاني	معاون العميد للشؤون العلمية
٢٠١٩ - ٢٠١٤	نisan	رئيس فرع هندسة السيارات
٢٠١٤ - ٢٠١٣	أيلول	مقرر لجنة الترقيات العلمية في القسم
٢٠١٢ - ٢٠١٠	أيلول	مسؤول شعبة الدراسات العليا
٢٠٠٧ - ٢٠١٠	تشرين الأول	عضو اللجنة الامتحانية
٢٠١٦ - لغاية الان		عضو اللجنة الفنية لسلامة المركبات لـ ٢٧
٢٠٠٥ - ٢٠٢٥		عضو ورئيس العديد من اللجان العلمية/ الامتحانية/ إعداد المناهج/ الفنية/ التدقيقية/ التحقيقية/ اخرى

البحوث المنشورة (ملخص)

المستوى عب	العدد	الرابط
Scopus	٣٠	https://www.scopus.com/authid/detail.uri?authorId=7007098901

أستاذ في قسم الهندسة الميكانيكية/ الجامعة التكنولوجية.
المُساهمة في إعداد المناهج للدراسات الأولية والعليا. التدريس
للدراسة الأولية. التدريس والإشراف على طلبة الدراسات العليا
(ماجستير ودكتوراة)

▪ تشرين الثاني ٢٠٢٣ - لحد الان

أستاذ مساعد في قسم الهندسة الميكانيكية/ الجامعة التكنولوجية.
المُساهمة في إعداد المناهج للدراسات الأولية والعليا. التدريس
للدراسة الأولية. التدريس والإشراف على طلبة الدراسات العليا
(ماجستير ودكتوراة)

▪ تشرين الثاني ٢٠١٢ - تشرين الثاني ٢٠٢٣

(تفرغ علمي + أستاذ زائر) جامعة فيرجينيا – الولايات المتحدة
الأمريكية – إضافة إلى بحث التفرغ العلمي قمت بتدريس مادة
(نظرية المرونة اللاخطية) لطلبة الدراسات العليا في قسم
الهندسة الميكانيكية / جامعة فيرجينيا

▪ أيلول ٢٠١٢ - أيلول ٢٠١٣

مدرس في قسم هندسة المكان والمعدات / الجامعة التكنولوجية

▪ كانون الأول ٢٠٠٧ - تشرين الثاني ٢٠١٢

مدرس مساعد في قسم هندسة المكان والمعدات

▪ كانون الأول ٢٠٠٥ - كانون الأول ٢٠٠٧

تفرغ علمي – جامعة فيرجينيا – CENTER FOR APPLIED BIOMECHANICS

تفرغ علمي في المركز البحثي Center for Applied Biomechanics التابع لكلية الهندسة - جامعة فيرجينيا (University of Virginia) (الولايات المتحدة الأمريكية) لمدة عام كامل للفترة من أيلول ٢٠١٢ ولغاية أيلول ٢٠١٣. شمل التفرغ نمذجة عضلات الصدر للتعرف على استجابة الجسم للأحمال الناتجة عن حزام الأمان أثناء حوادث السيارات. علماً أن المركز متخصص في مجال دراسة تطبيقات الميكانيك الاحياني وخصوصاً نمذجة ودراسة أجزاء الجسم والخلايا الاحيائية للتطبيقات الطبية والهندسية المختلفة.

الإشراف على رسائل الماجستير واطاريج الدكتوراه

اطاريج دكتوراه عدد (٦) ، رسائل ماجستير عدد (٩)	الرسائل والاطاريج المنجزة
اطاريج دكتوراه عدد (٣) ، رسائل ماجستير عدد (٢)	الرسائل والاطاريج قيد الإشراف

العضوية في الجمعيات والنقابات

رقم الانساب	تاريخ الانتماء	اسم الجمعية / النقابة
٧٠٠٦٦	١٩٩٣-٧-١٩	نقابة المهندسين العراقيين
6793368	١٩٩٩-١٠-١	ASME International

كتب الشكر والتقدير

الملحوظات	العدد	الجهة المانحة
	١٨	وزارة / مكتب الوزير
	٥٢	رئيسة الجامعة التكنولوجية
	أكثر من ٥٠	رئيس قسم (عميد) / مدير عام

- Hamzah M., *Mechanical Behaviour of Filled Elastomer*, LAP LAMBERT Academic Publishing, 2013. (ISBN: 978-3-659-32723-0)

نماذج من البحوث المنشورة

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2. AAF Ogaili, ES Al-Ameen, AWA Taha, MN Hamzah, DA Farhan "Elucidating the Role of Raster Angle on the Anisotropic Mechanical Performance of 3D Printed PLA+" Library of Progress-Library Science, Information Technology & Computer 44, 2024.
3. AK Jaliel, MN Hamzah, SA Al-Samarraie "Design, Control Strategies and Fabricated of the Driven Ankle Prosthesis. A Review Study" Library of Progress-Library Science, Information Technology & Computer 44, 2024.
4. AAF Ogaili, MN Hamzah, AA Jaber "Enhanced fault detection of wind turbine using extreme gradient boosting technique based on nonstationary vibration analysis" Journal of Failure Analysis and Prevention 24 (2), 877-895, 2024.
5. WA Khalaf, MN Hamzah "Experimental and numerical studies of ballistic resistance of hybrid sandwich composite body armor" Open Engineering 14 (1), 20220543, 2024.
6. F Al-Khafaji, MN Hamzah, Y Alaiwi "Sustainable prosthetic socket design: a study of eco-composites and natural fibers for transtibial amputees" AIP Conference Proceedings 3092 (1), 2024.
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أ.د. محسن نوري حمزة

آذار ٢٠٢٥