



Curriculum Vitae of a faculty member

1. Personal information

Name	Abdul-Rahim Ibrahim Jasim Al-Hadidy
Academic Degree	Professor
Job Title	University of Mosul-College of Engineering-Civil Engineering Dept.
General Major	Transportation, Highway and Railway Engineering
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Website	----

2. Qualifications

Degree	Date of Graduation	Name of university	Country	Major
Doctorate	June 2009	Harbin Institute of Technology,	Harbin, China	Highway and Railway Engineering
Master	November 2001	Al-Mustansiryia University,	Baghdad, Iraq	Civil Engineering
Bachelor	July 1998	University of Mosul,	Mosul, Iraq	Civil Engineering

3. Experiences

Employment	Job Title	Period
Assistant professor	Department of Civil Engineering, university of Mosul, Mosul-Iraq	11/2013-Present
Lecture	Department of Civil Engineering, university of Mosul, Mosul-Iraq	02/2006-11/2013
Assistant Lecturer	Department of Civil Engineering, university of Mosul, Mosul-Iraq	2/2002-02/2006

Assistant Research Engineer	Department of Civil Engineering, university of Mosul, Mosul-Iraq	04/2002-06/2006
Chemical Examinant for Asphaltic, Epoxies, Paints, Sealants, Grouts, and other materials used in civil engineering construction	Department of Civil Engineering, university of Mosul, Mosul-Iraq	2/2002-Present

4. Researches & Scientific activities

1	Al-Hadidy AI and Tan Yi-qiu (2009). "Effect of Polyethylene on Life of Flexible Pavements". J Construction and Building Materials, Vol.23, PP 1456-1464, SCI journals.
2	Al-Hadidy AI and Tan Yi-qiu (2009). "Mechanistic Approach for Polypropylene-Modified Flexible Pavements". J Materials and Design, vol.30, PP 1133-1140, SCI journals.
3	Al-Hadidy AI. Tan Yi-qiu, Dong Zejiao and Wang Jia-ni (2008) "Preparation of Low-Cost Waterproofing Materials", J. Harbin Institute of Technology, Vol.15, No.4, P547-552, ISSN: 1005-9113, CN; 23-1378/T, EI journals.
4	Al-Hadidy AI and Tan Yi-qiu (2008). "Evaluation of Pyrolysis LDPE Modified Asphalt Paving Materials". J. Materials in Civil Engineering, J. Mate. Civ..Eng. Vol. 21, No. 10, October@ASCE, SCI journals.
5	Al-Hadidy AI and Tan Yi-qiu (2008). "Modified Rubberized Stone Matrix Asphalt for Nineveh Roads". J. Harbin Institute of Technology, Vol.15, No.3, P356-360, ISSN: 1005-9113, CN; 23-1378/T, EI journals.
6	Al-Hadidy AI, Tan Yi-qiu, and Ayman Talib Hameed (2011). "Starch as a modifier for asphalt paving materials". J Construction and Building Materials, (25): 14-20, SCI journals.
7	Al-Hadidy AI and Tan Yi-qiu, (2009) "Mechanistic Analysis of ST and SBS-Modified Flexible Pavements", J. Construction and Building Materials, (23): 2941-2950, SCI journals
8	Al-Hadidy AI and Tan Yi-qiu. (2011). "Effect of Styrene-Butadiene-Styrene on Asphalt and Stone Matrix Asphalt Mixture Properties". J. Mate. Civ..Eng. Vol. 23, No. 4, April 1@ASCE, SCI journals
9	Al-Hadidy AI and Tan Yi-qiu.(2011) "Performance of the SMA Mixes Made with the Various Binders". J. Construction and Building Materials, (25), 3668-3673, SCI Journal
10	Al-Hadidy AI and Tan Yi-qiu.(2010) "Comparative performance of the SMAC mixes made with the SBS and ST-modified binders". J. Mate. Civ..Eng. Vol. 22, No. 6, June 1@ASCE , SCI journals
11	Moatasim Attaelmanan, Cheng Pei Feng and Al-Hadidy AI, (2011) "Laboratory evaluation of HMA with high density polyethylene as a modifier", J. Construction and Building Materials 25 (2011) 2764–2770, SCI Journal
12	Al-Hadidy AI.(2018) " Engineering behavior of aged polypropylene-modified asphalt pavements". J. Construction and Building Materials, (191), 187-192, SCI Journals.
13	Al-Hadidy AI.(2018) " Effect of laboratory aging on moisture susceptibility and

	resilient modulus of asphalt concrete mixes containing PE and PP polymers". Karbala International Journal of Modern Science 4, 377-381.
14	Al-Hadidy AI. (2006), "Evaluation of Pyrolysis Polypropylene Modified Asphalt Paving Materials", J. Al-Rafidain Engineering- Mosul/ Iraq, ISSN 1813-0526, Vol.14, No.2, P36-50.
15	Al-Hadidy AI. (2004). "Alkylbenzene Sulphonate as Additive in Asphalt Paving Mixtures". J. Engineering and Technology; No. 2, Vol.4, Baghdad, Iraq. 3. A.A Mawjod. And A.I. Al-Hadidy (2004), "Using Kaolin as Additive in Asphalt Paving Mixtures". Hundasit AL-Rafidain.
16	Al-Hadidy AI and Tan Yi-qiu (2011) "The effect of plastomers polymer type and concentration on asphalt and moisture damage of SMA mixtures". J. Al-Rafidain Engineering- Mosul/ Iraq, ISSN 1813-0526, Vol.19, No.5, P1-11.
17	Al-Hadidy AI and Ayman Talib Hameed (2011), Minimizing the Moisture Damage and Drain down of Iraqi SMA Mixtures Using Waste Additives". J. Tikrit Engineering- Tikrit/ Iraq, ISSN 1813-162X, Vol.18, No.3, P68-80.
18	Abdul-Rahim I. Al-Hadidy and Ayman Talib Hameed. (2011) "The effect of sulfur waste and ABS on asphalt cement properties". J. Al-Rafidain Engineering- Mosul/ Iraq, ISSN 1813-0526, Vol.19, No.3, P1-10.
19	Al-Hadidy A.I. Rashed Abdullah M. (2014) " Mechanistic properties of the unaged and aged DGAMs". J. Al-Rafidain Engineering- Mosul/ Iraq, ISSN 1813-0526, Vol.22, No.5, P29-47.
20	Al-Hadidy A.I. Rashed Abdullah M. (2018) " Effect of Oxidative Aging on The Engineering Properties of DGAMs". Nawroz Engineering J.- Duhok/ Iraq, (in press).
21	Al-Hadidy AI (2019). "Laboratory investigation of aged HDPE-modified asphalt mixes". International journal of pavement research and technology (12), 364-369.
22	Al-Hadidy AI (2020). "Utilization of citric acid in bituminous paving mixtures". International journal of pavement research and technology, article in press.
23	Al-Hadidy AI (2020). "Performance of SBS-HMA Mixes Made with Sasobit and Zeolite". J. Mate. Civ..Eng., article in press.
24	Abdul-Rahim Ibrahim Al-Hadidy, Zeena Ahmed Al-Kazzaz, and Ahmed A. Mohammed Ali (2020). "Deterministic Extensional Viscosity and Cracking Index of Polypropylene-Modified-Asphalt Binder". Tikrit Journal of Engineering Sciences (2020) 27 (1): 25-29.
25	Salim Abdullah Khalid and Al-Hadidy AI (2020). Comparative Rheological and Mechanical Characteristics of Different Warm-Mix Asphalt Additives Under Aging Conditions". Al-Rafidain Engineering Journal (AREJ)- Mosul/ Iraq, June, 2020, Vol.25, No.1, Pp.42-50.
26	Tan Yi-qiu, Al-Hadidy AI, Wu Jian. (2008). China, Pat.10064811.
27	Hasan Y. Salman, Nabil I. Al-Sarrag, Al-Hadidy AI. (2002), Iraq, Pat.3087 EOTC 7/26.
28	Al-Hadidy A.I. (2010). UK, Pat. 0814280.4. Intellectual Property Office.
29	Al-Hadidy A.I. (2012). Iraq, Pat. E01C19/10.
30	Al-Hadidy A.I. (2018). Iraq, Pat. E01C19/00
31	M.S. Khalel and Al-Hadidy A.I. (2019). Iraq, Pat. 421 (under examination).

Books

1. Abdul-Rahim Ibrahim Al-Hadidy. Highway Engineering, "Tests in Road Works Technology",. Noor Publishing, ISBN 978-620-2-34334-3, First Edition, 2017, Omniscryptum publishing group, 17 Meldrum street, Beau Bassin 71504, Mauritius.
2. Abdul-Rahim Ibrahim Al-Hadidy. Highway Engineering, "Characterization of Road Building Materials: Laboratory and Field Evaluation". Noor Publishing, ISBN 978-620-2-34228-5, First Edition, 2017, Omniscryptum publishing group, 17 Meldrum street, Beau Bassin 71504, Mauritius.
3. Highway Engineering "Geometric and Structural Design" (in Arabic language) Dar Al-Wadah Publishing, ISBN 9957-634-65-0, First Edition, 2018, Kingdom of Hashemite. Oman, King Husain street.
4. Flexible Pavement Distresses "Causes and Maintenance" (in Arabic language) Dar Al-Wadah Publishing, ISBN 9957-634-66-7, First Edition, 2018, Kingdom of Hashemite. Oman, King Husain Street.
5. Rigid Pavement Distresses " Causes and Maintenance" (in Arabic language), Noor Publishing, ISBN 978-620-0-06091-1, First Edition, 2019, Omniscryptum publishing group, 17 Meldrum street, Beau Bassin 71504, Mauritius.
6. Geometric & Structural Design of At Grade Intersections and Interchanges (in Arabic language) Dar Al-Wadah Publishing, ISBN 9957-634-65-0, First Edition, 2020, Kingdom of Hashemite. Oman, King Husain street.

5. Scientific Conferences

	Conference Name	Date
1	Al-Hadidy A.I. Rashed Abdullah M. " Effect of Oxidative Aging on The Engineering Properties of DGAMs". Nawroz Engineering J.- Duhok/ Iraq, (in press).	2018
2	Al-Hadidy AI and Tan Yi-qiu. "Long-Term Aging of Polypropylene Asphalt Paving Mixtures". Proceedings of the 26th Southern African Transport Conference (SATC 2007),. P761-767. ISBN Number: 1-920-01702-X Pretoria, accepted as a WORLD CUP 2010 TRAFFIC SIMULATION.	9 - 12 July 2007
3	Al-Hadidy AI and Tan Yi-qiu "Performance Evaluation of Prepared Gelled Hot Applied	27-29 May 2009

	Sealant in Cold Climates", 7th International RILEM Symposium on Advanced Testing and Characterization of Bituminous Materials (ATCBM09), P227-237, Rhodes Greece.	
4	A.I.Al-Hadidy and A.A Mawjod (2011) "The effect of high density polyethylene shape and concentration on the engineering properties of paving mixtures". 3rd Conference of Iraq engineering professionals,	23 - 24 March 2011, Babel-Iraq.
5	A.I.Al-Hadidy (2011) "Wheat-straw produced hot-applied sealant". 3rd Conference of Iraq engineering professionals,	23 - 24 March 2011, Babel-Iraq.
6	A.I. Al-Hadidy, Ghanim Mohammed and Usama Abdullaha Sheet (2011) "Comparative Performance of the SMA Mixes Made with the PE and PP-modified Binders ". 1st Conference of Iraq engineering professionals,	21 - 22 December 2011, Anbar-Iraq.
7	A.I.Al-Hadidy (2011) "Characterization of prepared bituminous-sealants". The International scientific conference of Salahaddin University-	October 18-20, 2011. Erbil, IRAQ,
8	A.I.Al-Hadidy and Usama Abdullah Amer (2012) "PLDPE as a modifier for asphalt cement binders". 2nd Conference of Iraq engineering professionals,	March 2013, Mosul-Iraq.
9	Al-Hadidy A.I. Rashed Abdullah M. (2018)" Effect of Oxidative Aging on The Engineering Properties of DGAMs". 1st International Conference on engineering challenges in Kurdistan region held by Nawroz university,	May 2018, Duhok-Iraq.
10	Al-Hadidy A.I. "Engineering Properties of Aged Polypropylene-Modified Asphalt Mixtures". 13 International congress advances in civil engineering,	sept., 2018. Izmir-Turkey.
11	Ziyad N. Aldoski , Al-Hadidy A.I , Abdullah M. Rashed (2020). "Influence of Long-Term Aging on HMA Made with Gel and Sol Asphalt Cements". 3 rd International Conference on Recent Innovations in Engineering (ICRIE 2020),	September 9 th to 10 th , 2020, Kurdistan region, Duhok-Iraq.

6. Training courses for faculty members.

	Training program name	Date
1	Applying and preparation for the laboratory testing	6-30 Jun., 2011
2	Applying and preparation for the laboratory testing according to the international standards	20-24 Jun., 2011
3	Waterproofing training conducted by Sika Iraq	27-28 Nov., 2018
4	Autocad Structural Detailing	04 Dec., 2018

- Master's and Doctoral theses which he supervised

	Researcher name	Thesis title	Reg. date
1	Abdullah Mahmood Rasheed	Short and Long-Term Aging Behavior of Hot Paving Asphalt Mixtures	2014
2	Salim Khalid Ahmed	Mechanical behaviors of unaged and aged green mix asphalt	2020

- Theses which be discussed

	Researcher name	Thesis title	date
1	Louay Saad Thenoon	Properties of HMA containing SBR and PS	2012
2	Zina Nofal Mohammed	Performance Properties of HMA Containing Baiji Asphalt cement	2012