
CURRICULUM VITAE

Forename:	Raad Awad Kattan
Academic States:	Assistance Professor
Board Specialization:	Civil Engineering
E-mail:	raadkattan@uod.ac



Academic background

<u>degree</u>	<u>subject</u>	<u>university</u>	<u>year</u>
<u>B.Sc</u>	<u>Building and Construction Engineering</u>	<u>University of Technology/Baghdad</u>	<u>1975</u>
<u>M.Sc</u>	<u>Topographic Science</u>	<u>University of Glasgow/UK</u>	<u>1981</u>
<u>PhD</u>	<u>Highway and Airport Engineering</u>	<u>University of Technology/ Baghdad</u>	<u>2005</u>

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Education:

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<u>B.Sc</u>	<u>Building and Construction Engineering</u>	<u>University of Technology/Baghdad</u>	<u>1975</u>
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<u>PhD</u>	<u>Highway and Airport Engineering</u>	<u>University of Technology/ Baghdad</u>	<u>2005</u>

Experience:

No.	University or Institute	Position	From	To
1.	University of Technology, Baghdad	Academic staff member	1981	2006
2.	University of Duhok/ Duhok	Academic staff member	2006	-

Conferences & Symposiums:

	Conference	Place	Period	Year
1.	The first regional conference in civil engineering	University of Bahrain		1989
2.	The 5 th scientific conference, scientific research council	scientific research council Baghdad		1989
3.	The first Iraqi technological conference	University of technology Baghdad		1995
4.	The 1 st international engineering conference, Aleppo University	Aleppo university Syria		2008
5.	The Forth International Scientific Conference of -Erbil, October 18-20, 2011, Erbil	Salahaddin University Erbil	October 18-20	2011
6.	First Engineering Education Conference	Duhok University Duhok	April 17-19	2012
7.	The 3 rd planning conference	University of Duhok	30-9 to 3-10-2012	2012
8.	Building academic research capacity/ Institute of International Education.	Erbil	February 3-5	2014

Additional Informations:

1. Member in the Iraqi Engineers Union since 1975
2. Kurdistan Engineering Union 2010
3. Institute of Civil Engineering Surveyors UK 1984-

Teaching Experience (Undergraduate Studies):

Subject	Place	Period
Surveying	University of Technology/Baghdad	1981-2006
Highway engineering	University of Technology/Baghdad	2006-2007
Mathematics	University of Technology/Baghdad	1995-2000
Surveying	University of Al- Nahrin	1995-2003
Surveying	University of Duhok	2006-
Highway engineering	University of Duhok	2006-

Teaching Experience (Postgraduate Studies):

Subject	Place	Period
Remote sensing	University of Baghdad/ college of Engineering	1993-2000
Theory of adjustment	University of Technology/Baghdad	1995-1997
Advanced surveying	University of Technology/Baghdad	1995-1997
Photogrammetry	University of Technology/ Baghdad	1995-1997
Infra structures	University of Duhok/ Inst. of planning	2007-2008

Published Studies and Researches:

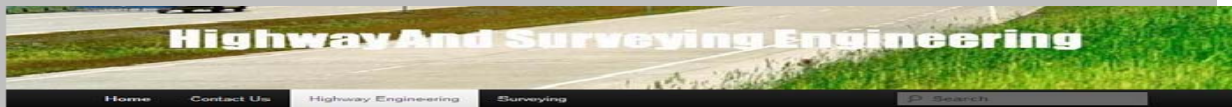
Publisher	Title	Year
The first regional conference in civil engineering Bahrain	Effect of Earth curvature and refraction on computed elevations.	1989
The 5 th scientific conference, scientific research council	Behavior of Al- Karkh water storage tank.	1989
Paper presented to the Ministry of Irrigation /Baghdad	Observations at long ranges.	1987
Engineering and Technology, Baghdad	Observation of the stability of huge structures.	1997
The first Iraqi technological conference 1995	The automated surveying system.	1995
Engineering and technology, Baghdad 1998	Interpolating contour lines using microcomputer from arbitrary DTM.	1998
Engineering and technology, Baghdad	Photogrammetric measurements a new approach. .	1998
Journal of Dohuk University, vol.10,no2	Ground coordinate measurements using satellite images and terrestrial photograph.	2007
The 1 st international engineering conference, Aleppo University	A four- leg double lane roundabout microsimulation delay model	2008
Journal of Dohuk University vol.13,no2	Three Dimensional Representation of a Remote Structure Using Reflectorless Total Station Instrument	2011
The Forth International Scientific Conference of Salahaddin University-Erbil, October 18-20, 2011, Erbil	Highway Tracking and Mapping Using Mobile GPS Techniques”	2011
The firs engineering education conference/university of Duhok	Computerized Training in Civil Engineering Studies	2012

Additional activities**Web site**

Publishing and revising the website : [Highway Engineering | Course Website](http://hwy.uod.ac)

:<http://hwy.uod.ac>

Containing all lectures , course book ,tutorials, practical in highway and surveying engineering.



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Course in Highway Engineering and Surveying
Posted on October 26, 2011

Lecture courses given to the students at the School of Engineering and Applied Science/ University of Jordan
Course instructor: Dr. Raad Awad Kattan

- Course Book
- Exam papers and quizzes
- Course Materials
- lecture notes

- Chapter 1 :Route Selection
- Chapter 2 : Earthwork
- Chapter 3: Cross Section Elements
- Chapter 4 : Sight distance and vertical alignment
- Chapter 5: Horizontal Alignment

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