

CURRICULUM VITAE

Personal Information

Full Name : Raad Hoobi Irzooki

Date and place of Birth : 3/10/1963 - Baghdad

Marital Status : Married

Nationality : Iraqi



Current Address : College of Engineering – Tikrit University –
Salahaldeen - IRAQ

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Academic & Professional Information

University : Tikrit University

College : College of Engineering

Department : Environmental Engineering Department

Academic Qualifications (Educational Background)

Qualification	Major	Institution	Country	Grade	Date Obtained
Ph.D.	Water Resources Eng.	University of Technology	Iraq	Very Good	6/8/1998
M.Sc.	Irrigation and Drainage Eng.	University of Baghdad	Iraq	Very Good	25/3/1991
B.Sc.	Irrigation and Drainage Eng.	University of Baghdad	Iraq	Good	1/6/1985

Academic Ranks

Rank	Date Obtained
Professor	3/1/2016
Assistant Professor	25/11/2005
Lecture	19/8/1998
Assistant Lecture	3/3/1992

Teaching Experience

Undergraduate Classes	Graduate Classes
Hydraulic Structures / Forth class / Civil Eng. / Tikrit University	Advanced Hydraulic Structures/ M. Sc. /Water Resources Engineering/ Civil Eng. Dept./ Tikrit University
Open Channel Hydraulics/Third class/ Environmental Eng. / Tikrit University	Advanced Fluid Mechanics/ M. Sc. /Water Resources Engineering/ Civil Eng. Dept./ Tikrit University
Hydrology / Forth class / Civil Eng. / Tikrit University	Open Channel Hydraulics/ M. Sc. /Water Resources Engineering/ Civil Eng. Dept./ Tikrit University
Fluid Mechanics / Second class / Civil Eng. / Tikrit University	Advanced Hydrology / M. Sc. / Water Resources Engineering/ Civil Eng. Dept./ Tikrit University
Hydraulics/ Second class/ Environmental Eng. / Tikrit University	Ground Water and Seepage/ M. Sc. / Water Resources Engineering/ Civil Eng. Dept./ Tikrit University
Engineering Mechanics / First class / All Depts. / Tikrit University	Engineering Hydrology/ M. Sc. / Applied Geology Dept./ Tikrit University
Engineering Drawing / First class / All Depts. / Tikrit University	Numerical Analysis/ M. Sc. / Applied Geology Dept./ Tikrit University
Design, Operation and Safety of Dams / Forth Class/ Building & Construction Engineering / University of Technology	Earth Dams / Ph.D./ Civil Engineering Dept./ Tikrit University
Hydraulic Structures / Third class / Building & Construction Engineering / University of Technology University of Technology	Hydraulics / higher Diploma / Civil Engineering Dept./ Tikrit University

<p>Main and Co-Adviser for more than (20) Ph.D. dissertation and Master thesis of graduate students</p>
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Publications

Article Title	Journal	Publish Date
Influence of Al-Qadisiya Reservoir on a Contiguous Stratified Karastic Aquifer	Journal of Water Resources – vol. 15 – No. 1 – Ministry of Irrigation	1/6/1996
Chemical and Geothermal Investigation into Wet Spots Downstream a Large Dam	Tikrit Journal of Eng. Sciences – Vol.8 – No.1	31/1/2001
Elastic Hydro - Structural Analysis of Sliding Cellular Gates by Grillage Analogy	Engineering and Technology Journal - Vol.23 – No.12	31/12/2004
Discharge Coefficient for Semi - Circular Crested Rectangular Weirs	Tikrit Journal of Eng. Sciences – Vol.12 – No.1	31/3/2005
Dissipation of Hydraulic Energy in Stilling Basins by Cutting Baffle Blocks (In Arabic)	Tikrit Journal of Eng. Sciences – Vol.12 – No.3	31/8/2005
The Influence of Piles Status on the Uplift Pressure under Hydraulic Structures (In Arabic)	Tikrit Journal of Eng. Sciences – Vol.13– No.1	31/3/2006
Drag Forces and Flow Types on Unconventional Types of Stilling Basins Baffle Blocks (In Arabic)	Tikrit Journal of Eng. Sciences – Vol.15– No.3	30/9/2008
Seepage Evaluation of Mosul Earth Dam (In Arabic)	The First Conference of Engineering College, Al-Anbar University	15/1/2012
Experimental Study of Characteristics of Top Seepage Line Through Homogenous Earth Dam Using Hele-Shaw Model	International Review of Civil Engineering (IRECE), Vol. 3, No. 6	1/11/2012
Hydraulic Characteristics of Arch Weirs with Sharp or Semi-Circular Crest (In Arabic)	The second Engineering Conference, College of Engineering, University of Mosul	19/11/2013
Characteristics and Energy Dissipation over Traditional and Stepped Spillway with Semicircular Crest	International Journals of Engineering and Sciences, Vol.14, Issue2	1/4/2014
Hydraulic Characteristics of Flow and Energy Dissipation over Stepped Spillway	International Journal of Civil Engineering & Technology (IJCIET), Vol. 5 , Issue 8	1/8/2014
Experimental Study of Characteristics of Flow over Weirs with Semicircular Openings	Arabian Journal for Science and Engineering, Vol.39, Issue 11	1/11/2014
Studying the Effect of Geometry and Type of Soil on the Stability of Glover-Leaf Cofferdam	International Conference on Food Nutrition and Civil Engineering – Dubai (UAE)	14/3/2015
Hydraulic Characteristics of Flow Over Triangular Broad Crested Weirs (In Arabic)	Engineering and Technology Journal - Vol.33 Part (A) – No. 7	1/7/2015
Effect of Magnetic Water Supplied to Trickle Source on the Water Movement and Moisture Content Distribution in Soil (In Arabic)	Tikrit Journal of Engineering Sciences, Vol. 22, No. 2	31/12/2015
Computation of Seepage through Homogenous Earth Dams with Horizontal Toe Drain	Engineering and Technology Journal - Vol.34 Part (A) – No. 3	31/3/2016
Computational Fluid Dynamics Modeling of Flow over Stepped Spillway	Tikrit Journal of Engineering Sciences, Vol. 23, No. 3	31/9/2016
Characteristics of flow over the free overfall of triangular channel	MATEC Web of Conferences 162, 03006	2018

Academic Conference

Conference Title	Nature of Presence	Conference Date	Conference Place
The First Conference of Engineering College , Al-Anbar University	Researcher	1/4/2011	Anbar University - Iraq
The Second Conference of Engineering College , Mosul University	Researcher	19-21/11/ 2013	Mosul University - Iraq
International Conference on Food Nutrition and Civil Engineering,	Researcher	14-15 / 3 /2015	Dubai - UAE
The 3 rd International conference on Buildings, Construction and Environmental Engineering – BCEE3,	Researcher	23-25 /9 / 2017	Sharm el-Sheikh - Egypt

Seminars

Symposium Title	Nature of Presence	Symposium Date	Held Place
Scientific Symposium (Aliso Dam Impact on Water Resources in Iraq)	Researcher	15/3/2007	College of Administration and Economics – Tikrit University
Scientific Symposium (Water Harvesting Techniques)	Researcher	17/3/2013	College of Engineering – Tikrit University - Iraq
Scientific Symposium (The Environmental and Hydraulic of the Construction of the Aliso Dam on the Waters of the Tigris River)	Researcher	3/4/2018	College of Engineering – Tikrit University - Iraq

Administrative Positions

Position	Institution	Date held
Director of Computer Center	Tikrit University	1/11/1998 to 11/7/1999
Director of Scientific Affairs	College of Eng.- Tikrit University	15/10/2000 to 12/5/2001
Chair of Civil Engineering Department	College of Eng.- Tikrit University	12/5/2001 to 12/6/2003
Associate Editor in Tikrit Journal of Engineering Sciences	College of Eng.- Tikrit University	14/6/2004 till Now
Manager of Engineering Consulting Bureau	College of Eng.- Tikrit University	1/6/2007 to 1/8/2011