

Curriculum vita



Full Name:	Abbas M. Abd	الاسم: عباس مهدي عبد
Degree:	Ass.Prof, PhD, Eng.	اللقب العلمي: أستاذ مساعد
Profession:	Civil Engineer	الاختصاص العام: هندسة مدنية
Specialist:	Construction project management	الاختصاص الدقيق: إدارة المشاريع الإنشائية
Address:	Iraq – Diyala – Baqubah	العنوان: العراق-ديالى-بعقوبة الجديدة
Email (per.):	Abbas.mahde@gmail.com	البريد الإلكتروني
Email (office):	abbas_mahde@uodiyala.edu.iq	البريد الرسمي
P & D of Birth:	Iraq – Diyala, 1972	الولادة: ديالى ١٩٧٢
Nationality:	Iraqi	الجنسية: عراقي
Employe	Civil engineering Department- University of Diyala	مكان العمل: قسم الهندسة المدنية/جامعة ديالى

Academic Qualification:

PhD Civil Engineering, Artificial intelligent Applications in construction management, UKM University, Malaysia 2010.

Thesis: Integration and fuzzy-based automatization of management systems towards sustainability in construction projects.

Master Degree in Construction Project Management- certified by AL-Mustansiria University / Baghdad / Iraq, 2003.

Thesis: Studying the requirement of applying Quality Management System (ISO-9000:2000) in Diyala University Building Projects.

BSC in Civil Engineering; certified by AL-Nahrain University- Baghdad, Iraq, 1994.

Graduation project: Stress and Displacement around Underground Opening.

Research Experience

Civil Engineering, Construction Management, Project Management, Artificial Intelligent Applications. Fuzzy logic, Neural Network.

Teaching Experience

Artificial Intelligent Systems, College of Engineering, Diyala University.

Statistics, College of Engineering, Diyala University.

Engineering Mathematics, College of Engineering, Diyala University.

Building construction, College of Engineering, Diyala University.

Engineering Management, College of Engineering, Diyala University.

Engineering Economy, College of Engineering, Diyala University.

Construction Estimation, College of Engineering, Diyala University.

Positions in Diyala University:	Period
Chairman of the Committee of Quality and International Accreditation; Diyala University.	2010 to present
Deputy Dean, College of Engineering, Diyala University.	2012 to 2013
Director of Scholarships and Cultural Relations / Diyala University.	2010-2012
Member of Engineering College Board.	2003-2006
Coordinator of Civil Engineering Dep. / Engineering College / Diyala University.	2003-2006
Director and Founder of Internet and Computer Center - Diyala University.	2001-2003
Director and Founder of the Directorate of Engineering Affairs – Diyala University.	2000-2001
Civil engineer as a site engineer in private firm.	1996-2000

LIST OF PUBLISHED RESEARCH PAPERS

A- INTERNATIONAL CONFERENCE:

1. Abbas M. Abd Najim, Amirulddin Asmail, and Zamri Bin Chik. 2007. Integrated quality management system. *Proc. seminar of post graduate researches 2007 (SPS'07)* National University of Malaysia UKM: 1-4. ISBN 978-983-2982-15-9.
2. Abbas M. Abd, Amiruddin Ismail, Zamri Bin chik, and Suhad M. Abd. 2008. Multi neuro-fuzzy modelling system to simulate the effect of risk and quality requirement on the construction project performance. *Proc. of national seminar on fuzzy theory and applications, Fuzzy From Theory to Applications*, pp: 1-10. (CD-ROM).
3. Ameruddin Ismail, Abbas M Abd, Zamri Bin Chik. 2009. Modelling and development of fuzzy-based intelligent system (FBIS) for the integrated management systems.

<p><i>Conference on university-industry ICT research (CUIIR 2009)</i>. 1-10, (CD-ROM). 4-5 August 2009, Shah Alam, Selangor. Malaysia.</p>
<p>4. Suhad M. Abd, M F M Zain, Roszilah Hamid and Abbas M. Abd. 2008. Fuzzy Modelling System to Predict the Compressive Strength of Concrete. <i>Proc. of national seminar on fuzzy theory and Fuzzy: From Theory to Applications</i>, pp: 1-16, (CD-ROM).</p>
<p>5. Abbas M Abd, Ameruddin Ismail. &Zamri Bin Chik. 2009. Integrated management system (IMS): performance assessment model in construction projects. <i>Proc. International conference on quality, productivity and performance measurement (ICQPPM'09) 16-18 November 2009</i>, pp: 1-11, (CD-ROM).</p>
<p>6. Abbas M. Abd, Amiruddin Ismail. &Zamri Bin Chik. 2008. Integrated management system for construction projects. <i>Proc. Intern. seminar on civil & infrastructure engineering 2008 (ISCIE '08) for Environmental Sustainability, 11-12 June</i>, pp: 1-9, (CD-ROM).</p>
<p>7. Amiruddin Ismail, Abbas M. Abd, Suhad M. Abd and Zamri Bin Chik. 2008. Delay analysis for construction projects. <i>Proc. Intern. Technical Conference 2008 (ITC'08) for Engineering development and advances towards the future, 21-23 October</i>, pp: 1-10.</p>
<p>8. Amiruddin Ismail, Abbas M. Abd. &Zamri Bin Chik. 2008. Assessing and managing risk environment for construction project. <i>Proc. Intern. Conf. on construction and building technology ICCBT 2008, 16-20 June</i>, ISBN 978-967-305-153-3, pp: 165-172.</p>
<p>9. Suhad M. Abd, Abbas M. Abd, M. F. M. Zain and Amiruddin Ismail. 2008. Analytical procedure to manage the productivity of concreting process. <i>Proc. Intern. Technical Conference 2008 (ITC'08) for Engineering development and advances towards the future, 21-23 October</i>, pp: 1-7.</p>

B- Publication in international scientific journals

<p>10. Abbas M. Abd ,Suhad M. Abd, Amiruddin Ismail and M. F. M. Zain. 2008. Utilization of value engineering to optimize concreting productivity. <i>ANSI Journal of applied science</i>. 8(19): 3479-3484.</p>
<p>11. Amiruddin Ismail, Abbas M. Abd and Zamri Bin Chik. 2007. Modelling of risk assessment for integrated project management system in construction. <i>ARPJ Journal of Engineering and Applied Sciences</i>, 2(6):37-43.</p>
<p>12. Amiruddin Ismail, Abbas M. Abd and Zamri Bin Chik. 2008. Approach to analyze risk factors for construction projects utilizing fuzzy logic. <i>ANSI Journal of applied science</i>.8(20): 3738-3742.</p>
<p>13. Amiruddin Ismail, Abbas M Abd, ZamriChik and MFM Zain. 2009. Performance assessment modelling for the integrated management system in construction projects. <i>European Journal of Scientific Research</i> 29(2): 269-280.</p>
<p>14. Suhad M. Abd, Abbas M. Abd, MFM Zain and Amiruddin Ismail. 2008. Development of productivity assessment methodology for concreting process. <i>ARPJ Journal of Engineering and Applied Sciences</i>. 3(5): 1-7.</p>
<p>15. Jasim M Abbas, Abbas M. Abd.2012. The axial performance of deep foundation. <i>European Journal of Scientific Research</i>. 74(4): 574-582.</p>
<p>16. Abbas M abd, Suhad M Abd. 2014. . Neuro-fuzzy model to evaluate ready-mix concrete properties. <i>Int. J. Engg. Res. & Sci. & Tech (IJERST)</i>, V 3, No 1, P 24-33.</p>
<p>17. Abbas M Abd. 2015. BUILDING PROJECTS RISKS SOURCES: CONCEPTUAL</p>

FUZZY ASSESSMENT APPROACH. INTERNATIONAL JOURNAL OF ENGINEERING SCIENCES & RESEARCH TECHNOLOGY (IJESRT), V 4, No 1, P 325-332.

C- Publication in local scientific journals

18. Abbas M. Abd. 2007. Delay analysis for construction projects. (*DJAR*) *Diyala journal for applied researches*. 3(1): 102-123

19. Abbas M. Abd. 2007. Analyze and development concreting productivity using work study. (*DJAR*) *Diyala journal for applied researches*. 3(1): 102-123.

20. Abbas M. Abd. 2004. Teams internal relationships rules in the success of construction project. *Journal of Fateh*. 20: 273-283.

21. Abbas M. Abd. 2012. Fuzzy modeling approach for COP assessment system. 1st conference on engineering sciences, University of Diyala, Iraq.

22. Abbas M. Abd, Suhad M Abd. 2012. Resources sustainability planning model using hierarchical approach for construction project. (*DJES*) *Diyala journal for Engineering Sciences*. In press

23. Abbas M Abd, SAAD SH. SAMMEN, 2014. ARTIFICIAL NEURAL NETWORK MODEL FOR MANAGING AND FORECASTING WATER RESERVOIR DISCHARGE (HEMREN RESERVOIR AS A CASE STUDY). *Diyala Journal of Engineering Sciences*, V 7, No. 04, pp. 132-143

AWARDS AND INTELLECTUAL PROPERTY

1. **SILVER AWARD:** this work win the silver award in the 20th Invention, Innovation & Technology Exhibitionitex'09 KL, Malaysia. Under the category of Building and Construction.

2. **COPYRIGHT DECLARATION:** ESIMS- Expert System for Integrated Management System. Compact disk volume number 2555-41F4.

3. **TRADEMARK APPLICATION:** the trademark "ESIMS" under calss 42, and application date is 03/12/2009. no. 09021284. received according the document of Universiti Kebangsaan Malaysia (National University Of Malaysia) with number TM/C04.40.A1/OP/OFR/03199/HMK which issued in 7th December 2009.

4. **PATENT:** under the title "Expert System for the Integrated Management System ES-IMS". Patent was approved on 24/03/2010 with the Malaysia Patent Office (MYIPO). The application number is PI 2010001296.

PROFESSIONAL ASSOCIATION MEMBERSHIPS

Member of SUCOMB, research group (Sustainable Construction Materials and Building Systems) UKM University, Malaysia.

Member of IACSIT, International Association of Computer Science and Information Technology, Singapore.

Member of SUTRA, Sustainable Urban Transportation Research Center, UKM University, Malaysia.

REVIEWER FOR THE INTERNATIONAL AND LOCAL JOURNALS:

1. Journal of Business Process Management. Emerald Group Publishing Limited, UK.
2. Journal of Engineering Construction and Architectural Management. Emerald Group Publishing Limited, UK.
3. IBM Journal of Research and Development, IBM Thomas J. Watson Research Center Yorktown Heights, N.Y. 10598 USA.
4. International Journal of Computer Theory and Engineering (IJCTE)
5. Journal of Construction Engineering and Economics (RCME). Routledge, Taylor & Francis group.
6. Journal of Management in Engineering (ASCE). American society for civil engineering.
7. American Journal of Environmental Sciences · Science Publications
8. Diyala Journal of Engineering Sciences, University of Diyala, college engineering
9. Engineering and development Journal, Al-Mustansiriya University, college engineering

MANAGEMENT OF CONSTRUCTION PROJECT AND ENGINEERING CONSULTATIONS

A- Project Executing Manager for Diyala University Projects :

1. Central Hall (for 1000 persons).
2. New buildings for the Faculty of Basic Education.
3. Building maintenance of Engineering College.
4. Maintenance of Basic Education College -Old Building.
5. Constructing of festivals hall in basic Education College.
6. Maintenance of 6 Buildings in Education College.
7. Maintenance of Arabic Department Building.
8. Maintenance of English Department College Building.
9. Constructing of Streets and Pavements in Education College.
10. Constructing of Main Gate in Education College.
11. Constructing of physical Unit in Education College.
12. Constructing of 60 Apartments building in Diyala Univ.
13. Constructing of Engineering College faculty building

B- Consultations within Engineering Consulting Bureau Diyala University: (2000-2012)

Member of designing and Consulting team for the projects:

1. Residential Building in Saad camp.
2. Ides Department Building.
3. Blood Bank Building.
4. Medical Comity Building.

5. Engineering Laboratory Building.
6. Law College building
7. Medicine College buildings
8. Basic Education College building
9. University Town (60 House)
10. Infrastructure for Diyala University (Electrical- water network- waste water network- communication network)
11. Cultural Center Building for Diyala University.
12. Agriculture faculty building.
13. Computer center.
14. Sewage system for Diyala University.
15. Pharmacy college.
16. Dental college
17. College of arts.
18. Chief quantity estimator in consultant bureau.
19. Construction management consultant in the bureau.
20. Cost analyzer in the bureau.
21. Responsible of Visible study for the bureau.