

Khalid Battal Najim

BSc, MSc, PhD

Professor / University of Anbar / Iraq

Civil Engineering / Sustainable Structural Engineering

Scientific Qualifications

- **PhD in Civil Engineering - University of Nottingham - United Kingdom - title of the thesis:**
Determination and enhancement of mechanical and thermo-physical behavior of crumb rubber-modified structural concrete
- **Master in Civil Engineering - University of Technology - Baghdad - Title of the Thesis:**
Using high performance steel fibrate concrete to improve the impact strength property
- **Bachelor in Civil Engineering - University of Technology – Baghdad**

Non-academic certifications and courses

- Advanced Certificate in English language - University of Nottingham, United Kingdom
- Certificate of proficiency in English Language IELTS
- Certificate in scientific research - University of Derby, United Kingdom
- Certificate in critical academic review - University of Edinburgh, United Kingdom in partnership with ELSVIER
- Many courses of academic performance development and self-development at the University of Nottingham, United Kingdom
- Several courses in quality assurance of universities performance and their international classifications in many countries.
- Simultaneous translation skills development course, Continuing Education Center. University of Anbar.
- A Certificate of Participation in Student Support for the STEM project as part of Ball State University's intercultural exchange between students from the United States and Iraq.
- Participation in the special training course (International Standard Application Course) ISO/IEC17025/2005
- Participation in the training program (writing and publishing skills in international journals for the global researcher and how to obtain financial support for discreet research.

Awards and grants

- First graduated student prize in the bachelor's degree.
- The best poster at the 1st conference of Engineering Science - Iraqi Cultural Attaché, 2011.
- Travel prize- University of Nottingham, United Kingdom, 2012.
- Excellence in Scientific Research - Minister of Higher Education and Scientific Research, Iraq, 2013.
- Prize of completing the PhD in less than 3 years- University of Nottingham, United Kingdom, 2012.
- Certificate of Reviewing- ELSEVIER - Journal of Construction and Building Materials, 2013.

- Certificate of Reviewing- ELSEVIER - Journal of Energy and Buildings, 2013.
- Certificate of Reviewing- ELSEVIER - Journal of Construction and Building Materials, 2015.
- Fellowship of the International Institute of Education - United Nations - New York - United States of America, 2015.

Teaching

The following subjects were taught at the University of Technology and Anbar University as well as the University of Nottingham

1. Numerical Analysis and Computer Applications -University of Technology, Iraq.
2. Concrete Technology- University of Technology, Iraq.
3. Construction Building Materials- University of Anbar, Iraq.
4. Construction of buildings – University of Anbar, Iraq.
5. Strength of Materials- University of Anbar, Iraq.
6. Performance of construction materials-University of Nottingham, United Kingdom
7. English Language/Postgraduate Studies- University of Anbar, Iraq
8. Advanced Concrete Durability/ Postgraduate studies- University of Anbar, Iraq.
9. Advanced Concrete Technology/ Postgraduate Studies- University of Anbar, Iraq.
10. Advanced Concrete Mechanics/ Postgraduate Studies- University of Anbar, Iraq.

Authorized books

1. Hall M R, Najim K B, AND Keikhaei D P, 2012. Chapter 9: Soil stabilization: materials, properties, and techniques. In: HALL M R, LINDSAY R, AND KRAYENHOFF M, ed. Modern earth buildings: Materials, engineering, construction and applications. Wood head Publishing, Cambridge.
2. Khalid B. Najim and Matthew R. Hall ‘sustainable structural concrete, self-compacting and plain rubberised concrete: enhancement and applications’ LAMBERT academic publishing, Germany 2014.

Reviewer in the following international and local journals

1. Construction and Building materials (Elsevier).
2. Proceedings of the ICE-Construction materials (institution of civil engineers/London).
3. Energy and Buildings (Elsevier).
4. Materials and Structures (Elsevier).
5. Structures (Elsevier).
6. Journal of Building Engineering (Elsevier).
7. Building Physics Journal (Elsevier).
8. Journal of Cleaner Production (Elsevier).
9. Materials Today (Elsevier).
10. ACI Materials Journal (American Concrete Institute).
11. Iraqi Journal for Civil Engineering - University of Anbar, Iraq.
12. Engineering and Technology Journal - University of Technology, Iraq.
13. Tikrit Journal for Engineering Sciences - University of Tikrit, Iraq.
14. Anbar journal for Engineering sciences- University of Anbar, Iraq.

Assignments and Administrative positions

- Lecturer, Department of Civil Engineering, College of Engineering, University of Anbar.
- Lecturer, Department of Civil Engineering-Evening Studies, College of Engineering, University of Anbar.
- Associate Dean of for Administrative and Financial Affairs – College of Engineering, University of Anbar.
- Head of Civil Engineering Department- College of Engineering, University of Anbar.
- Associate Dean for Scientific Affairs and Postgraduate Studies- College of Engineering, University of Anbar.
- Director of the Center for Computers and Information Technology.
- Vice-President for Scientific Affairs, University Headquarter.
- Director of Energy Research Center.
- President of Anbar University.

Membership of trade unions and institutions

- Member of Iraqi Engineers Syndicate (Consultant)
- Member of the Iraqi Engineers Association
- Member of the American Concrete Institute (ACI)
- Representative of Anbar University at the American Concrete Institute, Iraq Branch (ACI -Iraqi Chapter)
- Member of the British Institute of Engineers (ICE)
- Member of the Selection Committee candidates for Fulbright scholarship in Iraq in 2016.

Practical experience

- Consultant of the evaluation of concrete structures in the Engineering Advisory Office at University of Anbar.
- Consultant of construction tests and non-destructive tests in the engineering advisory office at University of Anbar.
- Chairman and member of several advisory teams to supervise the implementation of infrastructure projects in Anbar province.
- Chairman and member of several advisory teams for the evaluation of concrete structures in various provinces of Iraq.