

Curriculum Vitae

Name: NADA MAHDI FAWZI ALWAAN

ALGALAWI

Nationality: Iraqi

Address: Al Harthia 213 / 17 / 40 Baghdad Iraq

**Current Position: Prof. in the College of
Engineering/University of Baghdad**

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Education Qualification:

1987 B.Sc. in Civil Eng. / Uni. of Baghdad

1997 M.Sc. in construction materials / Uni. of Baghdad

**Thesis title : Properties of Lightweight Concrete With A View to Thermal
Insulation and Acoustic Impedance**

2006 Ph. D. in construction materials / Uni. of Baghdad

Thesis title : Properties of Compact Lightweight Ferrocement Plates

Key Qualification:

**1987-1993 Engineer in the Uni. of Baghdad, working in design and
construction of building, working in the soil eng. lab. , transportation eng.
lab., concrete technology lab. and sanitary eng. lab. Also teaching
engineering drawing.**

1993-1997 working in the concrete technology lab.

**1997-2003 Teaching construction material, Engineering Geology for the first
year graduate students(practical ,theoretical), Concrete Technology (practical
,theoretical), For second graduate students, Concrete Technology(practical)
for M.Sc. students in the Dept. of Civil Eng. .**

**2003 till now also teaching, Concrete Technology (practical ,theoretical), For
second graduate students, Advanced Concrete Technology and quality control
of construction materials for M.Sc., PhD students with the supervising of
M.Sc. No.(35) PhD thesis's. No.(25) in the Dept. of Civil Engineering.**

Professional Activities:

**Working at the Quality control, update specification, Testing of construction
materials / College of Engineering University of Baghdad. Work as a
consultative in national center for construction labs, Al adreesy center
construction, Ministry of planning, Building research center, Oil research
center.**

Published Papers:

1-Mix design of thermal wall insulation- Journal of engineering -1997

**2- Some dynamic properties of polypropylene fiber reinforced concrete -
Journal of engineering-1998**

**3-Reciprocal effect between oil products and concrete- Arab Universities
Journal of engineering Sciences-No.2, vol.7-2000**

**4-Effect of fine to coarse aggregate ratio on strength and workability- the 4th
engineering conference in Ministry of housing and construction-2002**

**5-Behaviour of polypropylene fiber reinforced concrete under impact loads
and explosive- Journal of engineering-No.3-vol 11 2005**

**6- Flexural behavior of reed reinforced concrete- Journal of engineering No.1
vol.11 2005**

- 7-Some factors affecting the ultrasonic pulse velocity test results of high strength concrete - Journal of engineering No 2 vol 11 2006**
- 8-Product high performance concrete by use different type of local pozolana - Journal of engineering No 1 vol 15 2006**
- 9-Effect of sand ratio on the fresh properties of self compacting concrete –The 6th engineering conference.**
- 10 –Pozolanic activity Index for local feldspar - Journal of engineering 2009**
- 11- (Properties of gypsum with admixture) - Journal of engineering 2010**
- 12-(Behavior of column concrete after exposure to flame fire) - Journal of engineering 2011**
- 13- (properties of reinforced concrete by steel fiber after exposure to oil product) Journal of engineering 2012**
- 14- (Properties of concrete with internal curing) Journal of engineering 2012**
- 15-(Effect of polyethelene high and low density on the properties of concrete) Journal of engineering 2014**
- 16- (Fabricating Anew Rheometer for concrete) Journal of engineering 2014.**
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- 17-(Influence of Internal sulfate attack on some properties of high strength concrete) Journal of engineering No. 8, Vol. 21 Aug. 2015**
- 18-(Some properties of polymer modified self compacting concrete exposed to kerosene and gas oil) Journal of engineering No. 1 Vol 22 Jan. 2016.**
- 19-(The effect of cement and admixture types on the resistance of high performance concrete to internal sulphate attack) Journal of engineering No. 2 Vol 22 Jan. 2016.**
- 20-(Effect of age and concrete cover thickness on steel reinforcement corrosion at splash zone in reinforced concrete hydraulic structures) International Journal of scientific and technology research Vol6 issue 09 sep. 2016.**
- 21- Effect of sustainability materials on properties of self compacted concrete) Al Muhandis Journal , special issue of the first scientific conference on renewable energies to ensure a better environment . .**