

## Curriculum Vitae (C.V.)



### Dr. Sarkawt A. Hassan

Name: Sarkawt Asaad Hasan

### EDUCATION

BSc in Civil Engineering/University of Salahhden-Erbil 1991  
MSc in Structural Engineering/University of Salahhden-Erbil, 1994  
PhD in Civil Engineering/ Nottingham University – UK, 2011

Professional Title: Consultant Engineer – Lecturer  
Nationality: Iraqi  
Gender: Male  
Birth Date: 01/07/1968  
Place of Birth: Erbil / Iraq  
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Language spoken: English: Fluently , Arabic: Fluently, Kurdish: Fluently

### SUMMARY OF QUALIFICATIONS

Over 28 years experience in the Civil Engineering Field , Computer Software Field , and during my works at the projects sites , Salahhden University , Erbil Polytechnic University, Z&A Consultancy Bureau and UNDP:

- Earned a PhD degree in civil Eng (Structural).
- Earned a MSc degree in civil Eng (Structural).
- Performing Researches in RC Structures
- Administration experience in the university.
- Structural design experience.
- Tendering experience.
- Using the computer soft wares to a wide extent in the civil engineering field.
- Structural Consultancy experience

### Published Papers

Hasan, S.A., Elliott, K.S. , Ferreira, M.A. **2011**, 'An Experimental Investigation on the Moment Continuity of Precast Concrete Beam-Column Connections under Gravity Loads', *Proceedings of fib Symposium, Concrete Engineering for Excellence and Efficiency*, Prague.

Hasan, S.A., Ferreira, M.A., Elliott, K.S. **2011**, 'A Theoretical Investigation on the Moment Continuity of Precast Concrete Beam-Column Connections under Gravity Loads', *Proceedings of fib Symposium, Concrete Engineering for Excellence and Efficiency*, Prague.

Hasan, S.A. Bahman Omar Taha, " A COMPARATIVE STUDY OF THE SEISMIC PROVISIONS BETWEEN IRAQI SEISMIC CODES 2014 AND 1997 FOR KURDISTAN REGION/IRAQ", *Eurasian Journal of Science & Engineering*, 2018, V. 4 Issue 1, ,p180-194

Hasan, S.A. Ahmed, Muhammed M., " Finite Element Analysis of Reinforced Concrete Deep Beams", *JZS Journal of Zankoy Sulaimani*, 2000, V. 4 Issue 1, ,p51-68

### PROFESSIONAL EXPERINCE

**Responsible for :**

- Teaching of many engineering subjects (under-Graduate Level):-  
*Reinforced Concrete Design Structures , Strength of materials*  
*Construction Technology Estimation , Civil Drawing*  
*Computer Software (Visual Basic) Eng. Drawing , Mathematics*  
*Computer Civil Eng. Applications (ETABS, MS Project, AUTOCAD,...)*
- Teaching of **Bridge Engineering Module** at the MSc Level (2014-2015)
- **Administration Works: -**  
Served as an assistant of the head of the Construction Technology Department 2004-2007.

**Structural Design for:**

- Ministry of Health– Erbil
- Ministry of Human Rights– Erbil
- Eng. College– Koya University
- The Foundation of the New Central Erbil Market – Erbil (Sahat Nishtiman)
- Dream city – 45 house samples
- Barzan Hospital.
- Shaqlaw Hotel.
- Guest House - Xanaqen. (For Ministry Of Work & Housing)
- Conference Complex – Xanaqen. (For Ministry Of Work & Housing)
- Islamic Union Complex (For Ministry Of Work & Housing)
- Stadium. (For Ministry Of Work & Housing)
- Indoor Sport Hall-Barzan (For Ministry Of Work & Housing)
- Erbil Airport Terminal.
- Administration Building – Erbil Park. (For Local Authority )
- Swimming Center Pool – Erbil Park. (For Local Authority )
- Directorate of Taxes –Dohuk (For Local Authority )
- Directorate of Taxes – Erbil (For Local Authority )
- Banks – three different projects (For Local Authority )
- Multipurpose Hall - Ainkawa
- Elevated Steel Water Tank - Salahdden University
- Erbil Airport observation Tower.
- Rizqar Closed Swimming Pool.
- Caring & Cultural Center for Children – Erbil
- City Star Hotel
- Ainkawa, Zhako, Kirkuk, Sulimania, Karbala and Najaf Middle East Bank Buildings
- Hewa Holding Projects 2008
- Six buildings in Erbil International Airport (EIA) 2009
- Quality Control Building 2009
- Alan Tower Apartment 2009
- Bahra Mall 2010
- New Toyota Exhibition Building 2010
- New Zeland Flats ( 5 different buildings) 2011
- Census Directorate Building 2011
- Soran Traffic Police Head Quarter 2011
- Abu Shahab Hotel 2012
- Passport Directorate Building 2012
- Residency Directorate Building 2012

- Nationality Directorate Building 2012
- Art Directorate Building 2012
- Best-Western Hotel Building 2012
- Dohuk 132/33/11kV GIS SUBSTATION 2013
- 132/33/11kV BARDARASH AIS SUBSTATION 2013
- 132/33/11kV BARDARASH AIS SUBSTATION 2013
- Khormala Power Plant Gantry Foundation 2013
- In additions to more than 40 Private Commercial Buildings (2003 -2014).

**C) UNDP - [ Structural Design Engineer]**

**(2000-2003)**

- A) Preparing the proposals and tender documents for more than 20 projects in the Transmission line , Power sub-stations, common capacity roof. The work included :
- 1- Preliminary survey
  - 2- Planning
  - 3- Structural design including the drawings
  - 4- Preparing BoQ
  - 5- Preparing tender documents.
- B) Following up under construction projects.
- C) Preparing As-built drawings for the sub-stations

**D) CAD CENTER – Erbil**

**[ Center Manager & Civil Designer ]**

**(1998-2000)**

The center achieved many structural design for Erbil government projects , like :-

- Cultural Center for Salahdeen University ( UNESCO )
- Joman Hospital ( WHO )
- Dentistry College ( WHO )
- Multi Story buildings in Erbil (2 Projects.) ( For Private Sectors )
- Schools ( UNESIF )
- Two Story Swimming Pool ( in Sari-Rash )
- Large spans two-way ribbed slabs in Harem Bank Project ( Local Authority )
- Precast Bridge Girders ( Local Authority )

**E) Civil Eng. Department, Salahdeen University – Erbil**

**[Assistant Lecturer]**

**(1994-2000)**

**Responsible for:**

**Teaching of many engineering subjects:-**

Eng. Administration	Eng. Economy	Methods of Construction	Estimation
Concrete Design	Civil Drawings	Computer Soft wares (Auto-CAD, Basic, and	
FORTRAN)			
Eng. Drawings	Geometric Descriptive		

**Training Work courses :**

Training of the local authority staff on using the computers in their works (Ms-Dos, Windows, Excel, Word, Auto CAD, Surfer,.....)

**Administration Works: -**

Served as an assistant of Civil Eng. Department Head 1999-2000  
Served as a head of computer center in the civil department 1999-2000

**Civil Design Works: -**

Working as a Designer in the Consulting Bureau of the College, for the projects:  
Processing Plant Factory in Harer ( FAO )

**Computer Works :**

Served as a Data-Base Programmer in the Examination Committees for several years .

**Researches :**

Performing a researches regarding FINITE ELEMENT analysis of reinforced concrete members.

***F) Civil Eng. Department, Salahdeen University – Erbil  
[ MSc Student ]***

***(1992-1994)***

***G) KRA Organization (NGO)  
[ Civil site Engineer ]***

***(1992)***

Supervising construction of the projects :-

- Joman Hospital – Erbil
- Dargala Health Center - Erbil .

**APPLICATION SOFTWARE AND COMPUTER PROGRAMMING PROFICIENCY**

• STAAD Pro	(Structural Design)
• Auto-CAD	( Eng. Drawing)
• Microsoft Project	(Project Management)
• Microsoft Office	( Excel, Word , Access, Power Point , .....)
• Dbase IV	( Database Programming)
• Fortran , Visual Basic	(Programming Languages)