

Curriculum Vitae

SAUD SADIG HASSAN

B.Sc (Arch) (Hons), M. Arch, PhD, FSIA, CSEC



1. Personal Details

Name: SAUD SADIG HASSAN	Birth Date: 25 OCTOBER 1953
Nationality: SUDANESE	Marital Status: MARRIED + 3 CHILDREN
Contact Address: P.O.BOX # 1158, Khartoum – 11111, Sudan	
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2. Education

Doctoral Degree

Period From: 1991 To : 1997	Institution: UNIVERSITY OF KHARTOUM, KHARTOUM, SUDAN
Title of the Doctoral Programme: - Ph . D	
Title of the Dissertation: THEORETICAL, PROFESSIONAL AND USER'S PERCEPTION OF PASSIVE THERMAL PERFORMANCE OF MAJOR RESIDENTIAL TRENDS IN GREATER KHARTOUM.	

Master Degree

Period From: 1982 To : 1984	Institution: THE UNIVERSITY OF MICHIGAN, ANN ARBOR, MI, USA
Title of the Graduate Programme: MASTER OF ARCHITECTURE	Specialisation: BUILDING SCIENCE
Title of the Thesis: CONCENTRATION: APPLICATION – INTEGRATION / ADOBE STRUCTURES WITH PRECAST CONCRETE COMPONENTS (DESIGN STUDIO)	

Professional Degree

Period From: 1973 To : 1978	Institution: UNIVERSITY OF KHARTOUM, SUDAN
Professional Title: B. Sc. Arch. (Honors).	

3. Primary Areas of Expertise in Teaching

- ENVIRONMENTAL TECHNOLOGY: CLIMATOLOGY, THERMAL STUDIES, LIGHTING AND ACOUSTICS.
- ARCHITECTURAL GRAPHICS AND BASIC DESIGN.
- ARCHITECTURAL DESIGN STUDIO.
- BUILDING AND CONSTRUCTION TECHNOLOGY.

4. Teaching Experience

Institution (1): KHARTOUM POLYTECHNIC, KHARTOUM, SUDAN (K.P.)

Rank: LECTURER (1984)	Period: 1984 – 1990
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Principal Courses Taught: BUILDING SCIENCE; ARCHITECTURAL DRAWING; CONSTRUCTION TECHNOLOGY (ARCHITECTURE AND BUILDING – 3 YEAR DIPLOMA COURSE).

Administrative & Academic Duties Undertaken:

- HEAD OF DEPARTMENT OF ARCHITECTURE (1985 – 1990).
- HEAD OF CURRICULUM DEVELOPMENT COMMITTEE IN THE LINK PROGRAM; KHARTOUM POLYTECHNIC – NORTH – EAST WALES INSTITUTE FOR HIGHER EDUCATION, WREXHAM, WALES, U.K.

Institution (2): SUDAN UNIVERSITY OF SCIENCE & TECHNOLOGY (FORMERLY K.P.).

Rank: Assnt Prof (1989), Asste Prof (1996)	Period: 1990 – 2004.
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Principal Courses Taught:

- ENVIRONMENTAL TECHNOLOGY; INTEGRATED STUDIES (ARCH. DIPLOMA PROG.)
- ENVIRONMENTAL TECHNOLOGY; ARCH. GRAPHICS; BASIC DESIGN; FINAL YEAR STUDIO (B. sc. ARCH. PROGRAMME).
- DESIGN AND PLANNING; BUILDING CONSTRUCTION (P. GRADUATE DIP. PROG).

Administrative & Academic Duties Undertaken:

- COLLEGE OF ENGINEERING REPRESENTATIVE – COMMITTEE FOR ACADEMIC AFFAIRS (S.U.S.T) – 2002 – 2004.
- HEAD DEPARTMENT OF ARCHITECTURE – 1996 – 1997.

Institution (3): KING SAUD UNIVERSITY – COLLEGE OF ARCHITECTURE & PLANNING, RIYADH, K.S.A.

Rank: ASSOCIATE PROFESSOR	Period: 2004 – 2007.
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Principal Courses Taught:

- LIGHTING AND ACOUSTICS.
- BASIC GRAPHIC SKILLS.
- BUILDING CONSTRUCTION FOR CIVIL ENGINEERING STUDENTS.
- CONSTRUCTION MATERIALS.

Administrative & Academic Duties Undertaken:

- POST-GRADUATE PROGRAMS – COMMITTEE MEMBER.
- MEMBER OF COMMITTEE FOR TRANSLATION OF MASTERS AND DOCTORAL PROGRAMS CURRICULAE.

4. Teaching Experience (Cont'd)

Institution (4): SUDAN UNIVERSITY OF SCIENCE AND TECHNOLOGY	
Rank: PROFESSOR (2009)	Period: 2007 - Present
Principal Courses Taught: (POST GRADUATE DIP. & MASTER PROGRAMS IN CONSTRUCTION – INTERIOR ARCHITECTURE TECHNOLOGY & MANAGEMENT). <ul style="list-style-type: none"> • COMMUNICATION & PRESENTATION • CODES AND STANDARDS • SHORT COURSES (INTERIOR & EXTERIOR FINISHES; BUILDING MAINTENANCE & REHABILITATION). 	
Administrative & Academic Duties Undertaken: <ul style="list-style-type: none"> • GENERAL MANAGER – ENGINEERING ADMINISTRATION • ACADEMIC CONSULTANT AND COURSE COORDINATOR. 	

5. Professional Experience

Employer (1): TEDMAN CONSULTANTS, KHARTOUM, SUDAN.	
Position: ARCHITECT & PARTNER	Period: 1978 – 1992
Project Types: ARCHITECTURAL DESIGN AND TECHNICAL DOCUMENTATION FOR CONSTRUCTION CONTRACTS; RESIDENTIAL PROJECTS; COMMERCIAL BUILDINGS (SUDANESE NATIONAL BANK, SAUDI SUDANESE BANK); GRAND HOTEL SERVICE COMPLEX; BURRI SPORTS CLUB & STADIUM, MEREDIAN HOTEL REHABILITATION.	
Other Activities: SITE SUPERVISION AND PROJECT MANAGEMENT, ORGANIZATIONAL CONSULTATION.	

Employer (2): CENTRE FOR TECHNOLOGY, ENGINEERING CONSULTATION AND STUDIES (CENTECS), KHARTOUM, SUDAN.	
Position: SENIOR ARCHITECT – SECTION HEAD	Period: 1992 – 2000
Project Types: TECHNICAL AND FEASIBILITY STUDIES, PROJECT PROMOTION AND DESIGN, PREPARATION OF STRUCTURE AND MASTER PLANS: NATIONAL NEW UNIVERSITY PLANNING, DESIGN PROJECT: MINISTRY OF FOREIGN AFFAIRS, DIWAN AZZAKAT, HOSPITALS, SUDAN AIRWAYS CO. HEAD QUARTERS (SEE DETAILS).	
Other Activities: ORGANIZED TRAINING FOR STUDENTS OF ARCHITECTURE & CIVIL ENG., AND NEW GRADUATE ARCHITECTS. COMPANY PROMOTION AND DEVELOPMENT.	

5. Professional Experience (Cont'd)

Employer (3): NEWTECH INDUSTRIAL & ENGINEERING GROUP, SUDAN	
Position: ARCHITECTURAL CONSULTANT	Period: 2002 – 2004.
Project Types: DESIGN AND PREPARATION OF PROJECT TENDER DOCUMENTS FOR INDUSTRIAL, COMMERCIAL, PUBLIC AND OFFICE BUILDINGS.	
Other Activities: PROJECT – PROMOTION STUDIES AND ORGANIZATIONAL DEVELOPMENT	

Institution(4): CENTECS, Co. KHARTOUM; CONSULTANT ENGINEERS GROUP, KHARTOUM	
Position: ARCHITECTURAL CONSULTANT	Period: 2007 – current.
Project Types: NEW PLANNED BUILDINGS FOR DIFFERENT CAMPUSES OF UNIVERSITIES, REHABILITATION AND MAINTENANCE. MAIN PROJECTS: NEW ADMINISTRATION BUILDING, STAFF HOUSING MEDICAL COMPLEX. COLLEGES OF SCIENCE AND PHARMACOLOGY, COMMERCIAL TOWERS..	

Other Activities:

ADMINISTRATIVE: COMMITTEES MEMBERSHIPS, MEMBER OF THE BOARD OF THE DEANS, CONSULTATION TO OTHER INSTITUTIONS.

ACADEMIC: TEACHING (BASIC SKILLS AND DESIGN IN ARCHITECTURE) SUPERVISION (B. SC.ARCH. GRADUATION PROJECTS, AND M. SC. THESES SUPERVISION).

6 . P u b l i c a t i o n s**Books:**

- **An Approach to Architecture Studio**, Academic Library, Khartoum 1999 reprinted 2012.
- **Basic Architectural Science, Vols 1 & 2**, Academic Library, Khartoum 2000.
- **An Introduction to the Construction Industry** (Building Construction Series), (Jointly), the Authors, Khartoum, 2004.
- **Construction of Substructure Works** (Building Construction Series), (Jointly), the Authors, Khartoum, 2004.
- **Construction of Internal and External Works** (Building Construction Series, (Jointly), the Authors, Khartoum, 2005.
- **A Profile of Mosque Architecture in Khartoum**, Dar Alasala, Khartoum, 2005.
- **Architectural working drawings**, King Saud University Press, Riyadh, K.S.A, 2007.
- **Lighting and Acoustics in Architecture**, King Saud University Press, Riyadh, K.S.A. 2007.
- **Structural Drawings and Specification** (Building Construction Series), (Jointly), the Authors, Khartoum, 2007.
- **Construction of superstructure works** (Building Construction series), (Jointly), The Authors, Khartoum, 2007.
- **Design Technology in Architecture** (Accepted for publication: 25/03/2008), Sudan University Press, Khartoum, Sudan. (Published 2010).

Articles in Refereed Professional Journals:

- **Khartoum: A profile of Urban Housing** (Joint Research), Habitat Group, ETH, Zurich, Switzerland, 1995.
- **Fundamentals of Engineering Drawing** (Jointly), Technical Paper Series No. 4, Sudan University Publications, 2002.
- **Engineering Drawing Technology** (Jointly), Technical Paper Series No. 5, Sudan University Publications, 2003.
- **Evaluation of Housing Thermal Environment in Hot-Arid Regions**, Journal of Science and Technology, Vol. 5, No. 2, June 2004, PP. 89-106, Khartoum.
- **Recommendations for Housing Planning and Design in the Hot-Arid Region of Khartoum**, Journal of Science and Technology, Vol. 6, No. 1, January 2005, PP. 6-17, Khartoum.
- **Education and Training in the Field of Building Technology**, Building Technology Magazine, Vol. 5, September 2004, P.P. 46-58, Riyadh, K.S.A.
- **An Evaluation of the Thermal Environment in Some Housing Trends in Greater Khartoum**, Building and Road Research Journal, University of Khartoum, Vol. 6, December 2004, P.P. 30-37, Khartoum.
- **A Review of Assessment Methods of Passive Thermal Performance of the Built Environment**, Sudan Engineering Society Journal, Vol. 51, No. 43, January 2005, PP. 55-65, Khartoum.
- **Visionary Architecture: On the Influence of Socio-Economic Changes on the Dialectics of Architecture and Urban Future**, Journal of Science and Technology, Vol. 7, No. 2, June 2006, P.P. 1-18, Khartoum.
- **On Architectural Education – with a Review of Architectural Education in Sudan**, Journal of King Abdulaziz University – Environmental Design Sciences, (accepted 3/9/2005), Jeddah, K.S.A.
- **An Evaluation of the Acoustical Behavior of Some Lecture Rooms in King Saud University**, college of Architecture and planning Research center, Art. No. 9/1429 accepted 31/12/2007, published 2008, King Saud University Press. Riyadh, K.S.A.
- **Traditional Methods of Minaret Construction in Khartoum**, Journal of Science and Technology, Vol9 No.2 June 2008 pp1-17 Khartoum.
- **Environmental Education** (Jointly), Sudan University Publications, 2009

6 . P u b l i c a t i o n s (Cont'd.)

Papers Submitted to Scientific & Professional Meetings:

- **Traditional construction methods of minarets in Khartoum**, Mascot 10/2012 (under processing).
- **Curricula Design Challenges in Engineering Education**, Abu Dhabi, 9 / 2003.
- **Engineering Codes: The Sudan Experience** Cairo, 9 / 2003.
- **An Evaluation method for passive thermal performance**, Riyadh, 11 / 2002.
- **Architectural education**, Khartoum, 10 / 2002.
- **Training in Arab Engineering Consultancy Firms**, Damascus, 9 / 2001.
- **Recommendations for thermal Design & Planning**, Khartoum, 4 / 2001.
(See details).

Unpublished Reports

- Developing an Architectural Science Laboratory for Khartoum Polytechnic, German Aid, Khartoum, 1985.
- Developing Carpentry Workshops For Refugees Self Aid In Eastern Sudan, ILO, Khartoum, 1986.
- Curricula Development and Evaluation Reports (1991-2003).
- Master and structure plans for new universities (1993-2007) Reports and progress evaluation.

7 . P r o f e s s i o n a l M e m b e r s h i p

Organisations:

- SUDAN ENGINEERING COUNCIL (SEC)
- SUDANESE INSTIUTE OF ARCHITECTS (SIA)
- ARAB CONSULTANCY FIRM BEARU, ARAB ENGINEERS FEDERATION.

Since:

CONSULTANT ARCHITECT, 2002.
FELLOW, 2002 – COUNCIL MEMBER, 2001 – 2004.
CONSULTANT IN ARCHITETURE, 2000.

8 . O t h e r A c t i v i t i e s

2003 – Course On Engineering Contracts, Tendering And Arbitration, Arab Consultancy Firms Bearau And Sudan Engineering And Architectural Firms Federation.

- 1997 – First Prize: Design Competition For Sudan Airways Co. Head Quarters.
- 1984 – First Prize: Energy Conscious Design Competition (U. Of Mich), U.S.A.

Theses and Dissertations Supervision (Ph.D. M Sc And Post Graduate diplomas).

Internal and External Examiner for Ph.D. M Sc Theses and Bachelor programs in architecture and construction.

Design and Evaluation of Curricula: Bachelor and Masters programs in architecture and construction.

Member of Academic committees, design teams, Architectural Competitions Jury Committees Representative of the Ministry of Higher Education in the Sudan Engineering Council.

Member of Committee for revision of planning and design of King Khalid University Campus – Abha, K.S.A.

Referee for research and scientific papers/articles in journals and conferences.
