

# CURRICULUM VITAE

## Khalifa Saif Sultan Al-Jabri

Professor and HoD  
Member, The State Council, Oman

### 1. PERSONAL INFORMATION

**Full Name:** Khalifa Saif Sultan Al-Jabri

**Sex:** Male

**Nationality:** Omani

**Date of Birth:** 23<sup>rd</sup> November 1969

**Current Address:** Department of Civil and Architectural Engineering  
College of Engineering  
Sultan Qaboos University  
PO Box 33, Al Khod, Postal Code 123  
Sultanate of Oman

**Permanent Address:** PO Box 38, Falaj Al Qabail  
Sohar, Postal Code 322  
Sultanate of Oman

**Telephone No.:** Office: (+968) 2414 1335  
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**E-mail:** [aljabri@squ.edu.om](mailto:aljabri@squ.edu.om); [kaljabri68@gmail.com](mailto:kaljabri68@gmail.com)

**Marital Status:** Married with six children

**Languages:** Arabic, English

**Appointment Date:** 9<sup>th</sup> September 1991

**Current Rank:** Professor and HoD  
Department of Civil and Architectural Engineering  
SQU

Member, The State Council, Oman (2011-present)

## **2. EDUCATION AND EMPLOYMENT INFORMATION**

### **EDUCATION HISTROY**

**May  
2000**      **Ph. D.** Civil Engineering  
University of Sheffield, UK  
Major: Structural Engineering

**December  
1993**      **MSc(Eng).** Civil Engineering  
University of Sheffield, UK

**October  
1991**      **B.Sc(Eng).** Civil Engineering  
Sultan Qaboos University, Oman

**November  
2009**      National Examination Board for Occupational Health and Safety  
(NEBOSH) International General Certificate (with Distinction)

### **EMPLOYMENT HISTORY**

**2011 - Present**      **Member**  
The State Council, Oman

**09/2011 - Present**      **Head**  
Department of Civil and Architectural Engineering

**05/2011- Present**      **Professor**  
Department of Civil and Architectural Engineering, College of  
Engineering

**2006 - 2010**      **Assistant Dean for Postgraduate Studies and Research**  
College of Engineering

**2006 - 2011**      **Associate Professor**  
Department of Civil and Architectural Engineering, College of  
Engineering

<b>2002 - 2006</b>	<b>Assistant Professor</b> Department of Civil and Architectural Engineering, College of Engineering
<b>2000 –2002</b>	<b>Lecturer</b> Department of Civil Engineering, College of Engineering
<b>1993-2000</b>	<b>Assistant Lecturer</b> Department of Civil Engineering, College of Engineering
<b>1991-1993</b>	<b>Demonstrator</b> Department of Civil Engineering, College of Engineering

### **3. AWARDS AND RECOGNITION**

May 1999	Awarded a certificate of recognition for distinguished young researcher's paper at the 2 <sup>nd</sup> European Conference on Steel Structures (EUROSTEEL99), May 26-29, 1999, Prague, Czech Republic
25/11/2012	Certificate of Appreciation for completing 20 years of services at Sultan Qaboos University from the Vice-Chancellor

### **4. TEACHING AND SUPERVISION**

#### **a) UNDERGRADUATE COURSES**

The following courses were taught:

AREN 5106: Architectural Design VI: Graduation Project II (1)  
 ENGR 3006: Industrial Training I (3)  
 CIVL 3046: Drawing II (1)  
 CIVL 3216: Basic Mechanics (4)  
 CIVL 3086: Mechanics of Materials (6)  
 CIVL 3096: Construction Materials (6)  
 CIVL 3036: Structures I (2)  
 CIVL 4016: Structures II (5)  
 CIVL 5204: Engineering Economics (1)  
 CIVL 4216: Steelwork Design (14)  
 CIVL5270: Introduction to fire Safety Design in Buildings (1)

\*number between brackets indicates the number of times the course being taught

#### **b) SENIOR STUDENT PROJECTS SUPERVISED (UNDERGRADUATE)**

I supervised more than 30 senior student projects

#### **c) Master Thesis Projects**

I supervised and currently supervising and co-supervising 14 MSc students:

- 4 students as main supervisor

- 10 students as co-supervisor

The following table shows the students status:

Student Name	Thesis Title	S/Co-S	Status (O/C)	SD* year	CD* year
Ibrahim Ali Abalushi	Effect of Geogrid Membrane on the Performance of Sabkha Soil	S	C	05	10
Al-Mutasim Al-Abri	The effect of Aggregates Mineralogy on the strength of high performance concrete	Co-S	C	04	09
Dawood A-Abri	Performance of Plastic Pipes Installed in Dune Sand	Co-S	C	04	09
Aysser Ishtieh	Beneficial use of Spent catalyst from Sohar and Mina Al-Fahl Refineries as Cement Replacement in Mortar and Concrete Applications	S	O	09	11
Hamid Al-Kindi	Comparison between designed and provided reinforcement in Villa design from 1996 – 2005: Part I	Co-S	C	04	11
Salem Bait Kora	Comparison between designed and provided reinforcement in Villa design from 1996 – 2005: Part II	Co-S	C	04	11
Sofia Al-Zidjali	Strengthening of Concrete flexural members Using Textile Fibre Reinforced Polymers	Co-S	C	06	11
Zahran Al-Kemyani	Beneficial Use of Spent catalyst from Sohar and Mina Al-Fahl Refineries as Sand Replacement in Mortar and Concrete Applications	S	C	10	12
Sabriya Sulaiyam Al-Said Aamri	Analysis of Buried Plastic Pipes in Dune Sand	Co-S	C	10	12
Mohammed Abd El-Rahman El-Tayeb	Thermal Performance and Insulated Concrete Blocks in Omani Environment	Co-S	C	10	12
Al-Yadhan Al-Harhti	Experimental Investigation of Buried Plastic Pipes in Dune Sand	Co-S	C	10	12
Prashob pillay	Finite Element Analysis of Composite Steel-to-column Connections in Fire	S	C	11	13

\* These are approximate dates

S: Supervisor, Co-S: Co-supervisor, O: Ongoing, C: Completed, SD: Start Date, CD: Completion Date

#### **d) STUDENT ADVISING AND MENTORING**

1.

- Academic Adviser for mixed cohorts, 18 students
- Academic Adviser for cohort 2001, 30 students.
- Academic Adviser for cohort 1998, 25 students.

As the Head of the Department, I am overseeing the academic status of all students in the Department.

2. Member in the E-Mentoring Network for Diversity in Engineering and Science, [www.mentornet.net](http://www.mentornet.net). The main role is mentoring and advising students from different countries from 2006-2010.

3. Advising and following up academic status of postgraduate students (more than 100 students) in the College of Engineering from 2006-2010.

**e) Research Interest**

Fields of interest: Structures, Structural dynamics, Fire engineering, Construction and Sustainable materials. My research interest is focused on five major areas of: (a) studying the behavior of structures in fire in particular beam-to-column connections; (b) use of local and waste materials, and industrial by-products in construction; (c) development of lightweight concrete blocks for thermal insulation in hot climate; (d) design of RC and ferrocement roof panels; (e) rehabilitation and strengthening of structures. And (f) Seismic hazard risk assessment.

**f) TEACHING ACTIVITIES OUTSIDE THE CLASSROOM**

**I) INVITED LECTURES, WORKSHOPS, AND SEMINARS**

1. Technology Transfer Through Education, 22 October 2014, The Arabian Gulf University, Kingdom of Bahrain
2. Sustainable Materials and Buildings for the Sustainable Development, 2 January 2011, Oman Gas Company, Oman
3. Steel Structures, 8 December 2009, Muscat Higher College of Technology, Oman
4. General Laboratory Safety, 18 March 2009, SQU
5. Hazardous Materials: Identification and Management, 26 January 2009, International College for Engineering and Management, Oman
6. Scientific Research in the Sultanate of Oman: the Reality and the Ambitions, 29 April 2008, Sultan Qaboos Centre for Islamic Culture, Oman
7. Behaviour of Buildings in Fire, 3 April 2007, Fire Safety Engineering College, Oman
8. Collapse of Buildings: Causes and Methods of Prevention, 1 February 2006, Marmoul Camp, PDO, Oman
9. Why Buildings Collapse (in Arabic), 12 December 2005, Cultural Club, Oman
10. Health and Safety: the way to a safe life, 19 March 2005, Department of Electrical and Computer Engineering, SQU
11. Hazardous Materials: Identification and Management, 16-18 January 2005, College of Engineering, SQU
12. Steel Structures: The Right Choice for the Industry, 20 March 2004, Department of Civil and Architectural Engineering, SQU
13. Prediction of the Degradation of Connection Characteristics at Elevated Temperature, 7 May 2003, Caledonian College of Engineering, Oman
14. Prediction of the Degradation of Connection Characteristics at Elevated Temperature, 2 October 2002, Department of Civil and Architectural Engineering, SQU

## **5. SERVICE**

### **a) ASSISTANT DEAN FOR POSTGRADUATE STUDIES AND RESEARCH**

- Served as an Assistant Dean for Postgraduate Studies and Research from 2006 - 2010.

### **b) COMMITTEES**

#### **i) National**

1. Member, Industrial Advisory Board, Faculty of Information Technology, Sohar University, 2014 – present
2. Member, Oman-Poland Parliamentary Friendship Committee, the State Council, 2014-present
3. Member, National Committee for Safety and Occupational Health, 2013 – present
4. Member, SQU-Ministry of Heritage and Culture, 2012 – present
5. Member, Education Committee – State Council, 2011 – present
6. Member, National committee for the development of research and innovation, 2009 - 2010
7. Member, Technical Committee for the earthquake monitoring Centre, 2006-2010

#### **ii) University**

1. Chair, Feasibility study and specifications of SQU Central Chemical Store, 2010-2014
2. Member, Adhoc Research violation fact finding committee, 03/2009-09/2009
3. Chair, HSE Code of Practice Committee, 2009-2014
4. Member, Seismic Hazard Assessment of Oman Committee, 2009 – 2015
5. Member, Quality Audit Committee (QAC)- Sub-Committee on Student Learning by Research Program, 09/2008 – 02/2009
6. Member, Adhoc Committee for Setting up criteria for Best Researcher's Award, Best Teaching Award, Best Student's Award and Best Student's Research Award, 09/2008 – 02/2009
7. Member, Board of Postgraduate studies and Research, 2006-2010
8. Member, Safety and Security Committee, 2006-2010
9. Member, University Scientific Equipment Committee, 2003-2004

#### **iii) College**

1. Member, College Board, 2006-2010, 2011-present
2. Member, Executive Committee, 2006-2010, 2011-present
3. Member, College Strategic Planning & Development committee, 2006-2010, 2011-present
4. Academic Promotions Committee, 2011-present
5. Accommodation Committee, 2011-present
6. ABET Accreditation Committee 2011-present
7. Chair, CoE-CoS Open Day, 3 April 2010

8. Chair, College of Engineering Retreat day, 25 March 2010
9. Chair, Safety and Security Committee, 2008-2011
10. Chair, Postgraduate and Research Committee, 2006-2010
11. Chair, Best project evaluation committee in the 3<sup>rd</sup> Students Engineering gathering, 14 April 2008
12. Chair, Adhoc. Committee for Setting up and revising Job Description for Technical Staff, 2008
13. Chair, Health Safety and Environment (HSE) Committee, 2004-2006
14. Member, Technical Staff Committee, 2004-2006
15. Chair, Organizer & Participant, College of Engineering HSE Workshop 2005 (HSEW05), organized by HSE Committee, College of Engineering, 16-18 January, 2005
16. Organizer & Participant, Workshop on electrical safety, organized by Department of Electrical and Computer, College of Engineering, 6 April 2003
17. Member, HSE Committee, 2003-2004
18. Chair, Safety and Technical Staff Committee, 2000-2003

**iv) Department**

1. Chair, Department Board, 2011-present
2. Chair, Accreditation Committee for Civil Engineering Program, 2011-present
3. Chair, Accreditation Committee for Architectural Engineering Program, 2011-present
4. Chair, Recruitment Committee, 2011-present
5. Chair, Academic Promotions Committee, 2011-present
6. Chair, Student-Staff Liaison Committee, 2011-present
7. Chair, Strategic Planning Committee, 2011-present
8. Chair, Curriculum Committee, 2011-present

9. Chair, Student Advising Committee, 2011-present
10. Chair, Examination Committee, 2011-present
11. Chair, International Workshop on Fire Safety Engineering and Management, 2010-2011
12. Member, Organising Committee, 2<sup>nd</sup> International Conference on Coastal Zone Engineering and Management (Arabian Coast 2010), 1-3 November 2010, 2009-2010
13. Member, Examination Committee, 2009-2011
14. Member, Accreditation Committee (Architectural Engineering Program), 2007-2007
15. Chair, Structures Focus Area Group, 2005-2006
16. Member, Organising committee, Third Gulf Conference on Roads, March 6-8, 2006, 2004-2006
17. Chair, Publication and IT committee, Third Gulf Conference on Roads, March 6-8, 2006, 2004-2006
18. Member, Accreditation Committee (Civil Engineering Program), 2000-2006
19. Coordinator, Seminars and publicity, 2000-2006
20. Coordinator, Department Laboratory Committee, 2000-2006
21. Member, Department Student/Staff Liaison Committee, 2000-2002
22. Member, Departmental Translation Committee, 2000
23. Coordinator, Text books order and Library, 2000

### **c) PROFESSIONAL SERVICE**

#### ***Peer Reviewer for articles submitted to:***

##### **(i) International Journals**

1. Transportation Geotechnics (1, 2014)
2. Proceedings of the Institution of Civil Engineers (ICE) – Ground Improvement Journal (1, 2014)
3. Journal of King Saud University: Engineering Sciences (1, 2014)
4. Advances in Materials Science and Engineering (1, 2013)
5. Proceedings of the Institution of Civil Engineers (ICE) – Structures and Buildings (1, 2013)
6. Scientia Iranica, International Journal of Science and Technology (1)
7. The Arabian Journal of Science and Engineering (2, one May 2014)
8. Journal of Structural Engineering, ASCE (2, one in May 2014)
9. ACI SP (Special Publication): Innovations in Fire Design of Concrete Structures, ACI (1)
10. Environmental Engineering and Management Journal (1)
11. KSCE Journal of Civil Engineering, Springer (3, one in 2014)
12. Fire and Materials (2)
13. The HKIE Transactions (1)
14. Construction and Building Materials (4, one in May 2014)
15. Journal of the Franklin Institute (2)
16. Mechanics of Advanced Materials and Structures (1)
17. Structural Fire Engineering Journal (2)



18. Fire Safety Journal (1)
19. Journal of Materials in Civil Engineering, ASCE (3)
20. Building and Environment (1)
21. Energy and Buildings (2)
22. Engineering Structures (4)
23. Journal of Pure & Applied Sciences, University of Sharjah (2)
24. Environmental Management (2)
25. International Journal of Steel Structures (4), one in 2013
26. The Structural Engineer, Institution of Structural Engineers, UK (2)
27. Advances in Structural Engineering (2) one in 2014
28. Journal of Hazardous Materials (3)
29. Cement and Concrete Composites (2)
30. Resources Conservation and Recycling Journal (2)
31. Journal of Scientific Research and Essays (2)
32. Journal of Structural Engineering and Mechanics (2)
33. The Journal of Engineering Research (TJER) (6)

*(\*) indicates number of papers reviewed*

## **(ii) International Conferences**

1. Symposium and exhibition of Quality Control Laboratories in Structural Projects, 21-23 April 2013, Riyadh, Saudi Arabia (2)
2. 2013 Architectural Engineering Institute (AEI) Conference, 3-5 April 2013, the Pennsylvania State University, Pennsylvania, USA (3)
3. 7<sup>th</sup> Seventh International Conference on Structures in Fire, 6-8 June, 2012, Zurich, Switzerland
4. 11<sup>th</sup> Arab Structural Engineering Conference (11th ASEC), 27-29 October 2009, Dhahran, Saudi Arabia (3)
5. 11<sup>th</sup> International Conference on Optimum Design of High Performance Structures and Materials in Engineering (OPTI2009), 8-10 June 2009, Algarve, Portugal (7)
6. 4<sup>th</sup> International Conference on High Performance Structures and Materials (HPSM2008), 12-14 May 2008, The Algarve, Portugal. (6)
7. 3<sup>rd</sup> International Conference on High Performance Structures and Materials (HPSM2006), 3-5 May 2006, Ostend, Belgium (4)
8. 3<sup>rd</sup> Gulf Conference on Roads, 6-8 March 2006, Muscat, Sultanate of Oman (2)
9. 2<sup>nd</sup> International Conference on High Performance Structures and Materials (HPSM 2004), 31 May – 2 June 2004, Ancona, Italy. (4)

*(\*) indicates number of papers reviewed*

## **(III) Research Proposals/Promotion cases/Academic Programs**

1. Reviewer, research proposal number PDRA2-1027-14030, February 2015, Qatar National Research Fund (QNRF), Qatar
2. Reviewer, promotion case to rank of Professor, January 2015, Mu'tah University, Jordan
3. Reviewer, research proposal number NPRP 7 - 504 - 2 – 193, February 2014, Qatar National Research Fund (QNRF), Qatar

4. Reviewer, promotion case to rank of Professor, February 2014, Caledonian College of Engineering, Oman.
5. Reviewer of Civil Engineering program submitted for approval to the Ministry of Higher Education, March 2014
6. Reviewer of Academic Promotion Cases for Candidates from the Department of Civil and Architectural Engineering and College of Engineering, 2011-present
7. Reviewer of an Engineering Management Master program submitted for approval to the Ministry of Higher Education, November 2013
8. Reviewer, Courses for Structural Fire Engineering at NUST, Pakistan, October 2013.
9. Evaluator, promotion case to an Associate Professor, June 2013, Al-Isra Private University, Amman, Jordan.
10. External Reviewer of a research proposal, The Portuguese Foundation for Science and Technology, Portugal, July 2012
11. Reviewer of a Construction Engineering Program submitted to the Ministry of Higher Education, April 2012
12. Reviewed proposals submitted annually for HM Trust Fund grant (From 2007-2009).

#### **(IV) Postgraduate Programs at SQU**

1. Reviewed postgraduate programs and research proposals that were submitted from different departments to the University administration for approval such as MEng programs by course work, MSc program in Environmental Engineering and MSc program in Chemical Engineering.
2. Reviewed proposals submitted by other Colleges and Centres for new MSc and PhD programs and research grants to the University board of postgraduate studies and research.

#### ***External Examiner/Member Thesis Committee***

##### **(I) Universities/Colleges**

1. **External Advisor and Reviewer:** Fire Safety Engineering and Management Program, 25-27 February 2013, International College of Engineering and Management, Oman (appointed by University of Central Lancashire, UK).
2. **External Assessor:** appointed by Glasgow Caledonian University, Scotland, UK for Civil Engineering and Built Environment Department, Caledonian College of Engineering (CCE), Muscat, Oman. Duties include continuous assessment of student's performance as well as monitoring performance levels and academic standards of the college to ensure they meet the international academic standards. Period: September 2002-August 2007.
3. **External Advisor and Reviewer:** appointed by University of Central Lancashire, Department of Built Environment, UK for Stage 2 validation of BSc (Hons) Fire Safety (Engineering) and BSc (Hons) Fire Safety Management program proposed for Department of Fire Safety Engineering, The Fire Safety Engineering College, Oman. 26-27, March 2007

## **(II) PhD Thesis**

1. **External Examiner:** PhD Thesis  
Mr Rashid Khan  
Department of Mechanical and Industrial Engineering, SQU,  
23 March 2014
2. **External Examiner:** PhD Thesis  
Mr G. S. Venkatasubramani  
Bharathiar University, India, 2008
3. **External Examiner:** PhD Thesis  
Name: Ms Bronwyn Susan van Gool  
James Cook University, Australia, 2007

## **(III) Msc/Meng Thesis**

1. **External Examiner,** MSc thesis examining committee for Mr. Fadhel Ibrahim Eid, 23 October 2014, Department of Information Technology, The Arabian Gulf University, Bahrain.
2. **Internal Examiner and Member,** MSc thesis examining committee for Ms. Prerana Chitrakar, Department of Civil and Architectural Engineering, 30 September 2014.
3. **Member:** MSc thesis examining committee for Mr. Ahmed Mahmood Al-Lawati, Department of Civil and Architectural Engineering, May 2014.
4. **External Examiner,** MSc thesis examining committee for Mr. Ahmed Albi, 27 March 2014, Department of Information Technology, The Arabian Gulf University, Bahrain.
5. **Member:** MSc thesis examining committee for Mr. Prashob Prasad Pillay, Department of Civil and Architectural Engineering, September 2013.
6. **Member:** MSc thesis examining committee for Ms. Ahlam Yahya Al-Anbori, Department of Civil and Architectural Engineering, 2013.
7. **External Examiner,** MSc thesis examining committee for Mr. Yousuf Al-Shijbi, Department of Earth Sciences, College of Science, 2013.
8. **Member:** MSc thesis examining committee for Mr. Aysser Abduljalil Ishtieh, Department of Civil and Architectural Engineering, 2012.
9. **Member:** MSc thesis examining committee for Mr. Al-Yaqdhan Abdullah Al-Harthy , Department of Civil and Architectural Engineering, 2012.
10. **Member:** MSc thesis examining committee for Mr. Khalid Hamood Al Riyami , Department of Civil and Architectural Engineering, 2012.
11. **Member:** MSc thesis examining committee for Ms. Sabriya Sulaiyam Said Al Aamri, Department of Civil and Architectural Engineering, 2012.
12. **Member:** MSc thesis examining committee for Mr. Zahran Saif Salim Al-Kamyani, Department of Civil and Architectural Engineering, 2012.
13. **Chair:** PhD Thesis Examining Committee for Ms. Hanaa Salim Ahmed Al-Sulaimani, Department of Petroleum and Chemical Engineering. 2012
14. **Chair:** MSc thesis examining committee for Ms. Khalida Al-Hakmani, Department of Mechanical and Industrial Engineering. 2011

15. **Chair:** MSc thesis examining committee for Ms. Fatma Al-Azani, Department of Electrical and Computer Engineering. 2010
16. **Member:** MSc thesis examining committee for Mr. Ibrahim Ali Al-Belushi, Department of Civil and Architectural Engineering, 2010.
17. **Chair:** MSc thesis examining committee for Mr. Ibrahim Said Salem Al-Sinani, Department of Petroleum and Chemical Engineering. 2009
18. **Chair:** MSc thesis examining committee for Mr. Bader Salem Al-Ghunaimi, Department of Electrical and Computer Engineering, 2003.

### ***Book/Journal Service***

#### ***Member in the Editorial/Advisory Board for the following Journals:***

1. Guest Editor, Journal of Structural Fire Engineering, Volume 5, Number 1, March 2014.
2. International Journal of Engineering (IJE), 2010 – present
3. International Journal of Civil Engineering, 2009-present
4. Editorial Board, WIT Transactions on Engineering Sciences, 2003-present
5. Journal of Structural Fire Engineering, 2009-present
6. Caledonian Journal of Engineering, 2008-present
7. Journal of Disaster Advances, January. 2008-present
8. International Editorial Board of the Book Series High Performance Structures and Materials, 2003-present.
9. Journal of Scientific Research and Essays, 2006- present.
10. Editorial Review Board, Scientific Journals International, 2007-present.

### ***Consultancy Service***

1. **Al-Jabri, K. S.**, Hago, A. W., Hossam, F., Mohammedzain, Y. (2014) “Study of Cracks in Mass Concrete in Bridge Foundation of Bidbid-Sur Road Section 1, Consultancy Report submitted to ASTADLI-OSKAR JV company, Project No. CR/ENG/CAED/14/01, Department of Civil and Architectural Engineering, SQU, Oman.
2. Review of GSO6/ISO 1920-1 to 7/2007: Testing of Concrete Parts 1 to 7 received for the Director General of Standardization and Measurements, Ministry of Commerce, for possible adaptation as unified code of practice for GCC countries, **March 2007.**
3. Hago, A. W., **Al-Jabri, K. S.**, and Ali Al—Nuaimi, Investigation of the Deterioration of Potable Storage Tanks at Wudam Naval Base, Oman. **November 2003**

### ***Conference/Workshop/meetings Service***

#### ***(I) Member***

1. Planning Committee, ICE Convention for Middle East and Africa, 19-21 October 2015, Sultanate of Oman
2. Organizing Committee, World Congress and Exhibition on Construction and Steel Structure, November 16-18, 2015, Dubai, UAE.
3. International Advisory committee, The First International Conference on Structural Safety under Fire & Blast (CONFAB 2015), 2-4 September 2015, Glasgow, Scotland, UK
4. Advisory Committee, International Conference on Advances in Green Energy, 2014 (ICAGE'14), 17-18 December 2014, Kerala, India
5. Jury Team member for best papers award, Symposium and Exhibition for Quality Control Laboratories in Structural Projects, 21-23 April 2013, Riyadh, Saudi Arabia.
6. International Scientific Committee, 2013 Architectural Engineering Institute (AEI) Conference, 3-5 April 2013, the Pennsylvania State University, Pennsylvania, USA
7. Steering Committee, Organising Committee, Public Relation Committee, 8<sup>th</sup> Gulf Seismic Forum, 3-6 March 2013, Muscat, Oman.
8. Scientific and Technical Advisory Committee, UKIERI Concrete Congress - Innovations in Concrete Construction, 5-8 March 2013, Jalandhar, Punjab, India.
9. Scientific Committee, Seventh International Conference on Structures in Fire, June 6-8, 2012, Zurich, Switzerland.
10. Poster Competition Jury, Track 1: Steel Structures, Connections, and Bolts, Six International Conference on Structures in Fire, 2-4 June 2010, Michigan, USA.
11. Sultanate of Oman Delegate, Round Table Meeting (2): University Research, Robotics and Advanced Manufacturing, Sultanate of Oman & Pittsburgh Friendship, Cooperation & Partnership, 11-12 April 2010, Al-Bustan Palace, Muscat, Oman
12. Workshop on Basic Safety Training, SQU, Spring 2009
13. International Scientific Advisory Committee, 11<sup>th</sup> International Conference on Optimum Design of High Performance Structures and Materials in Engineering (OPTI2009), 8-10 June 2009, Algarve, Portugal.
14. Sultanate of Oman's delegate, 15<sup>th</sup> GCC Science and Technology Research Meeting, 9-10 September 2007, General Secretariat, GCC Council, Riyadh, Saudi Arabia.
15. International Scientific Advisory Committee, 4<sup>th</sup> International Conference on High Performance Structures and Materials (HPSM2008), 12-14 May 2008, Algarve, Portugal.
16. International Scientific Advisory Committee, 10<sup>th</sup> International Conference on Optimum Design of High Performance Structures and Materials in Engineering (OPTI2007), 7-9 May 2007, Myrtle Beach, South Carolina, USA
17. International Scientific Advisory Committee, 3<sup>rd</sup> International Conference on High Performance Structures and Materials (HPSM2006), 3-5 May 2006, Ostend, Belgium.
18. Organising Committee, 3<sup>rd</sup> Gulf Conference on Roads, 6-8 March 2006, Muscat, Sultanate of Oman.

19. Technical Committee, 1<sup>st</sup> National Conference on Design and Construction practices in Hot and Arid Regions (DCPHAR), 22<sup>nd</sup> March 2004, Oman.
20. International Scientific Advisory Committee, 2<sup>nd</sup> International Conference on High Performance Structures and Materials (HPSM 2004), 31 May – 2 June 2004, Ancona, Italy.
21. Consultancy team, investigating the Deterioration of Potable Storage Tanks at Wudam Naval Base, Oman. November 2003.
22. Workshop on electrical safety, organized by Department of Electrical and Computer, College of Engineering, 6 April 2003.

## **(II) Keynote / Invited Speaker**

1. The Arabian Gulf University, Bahrain, 22 October 2014
2. International Conference on Structural Fire Safety and Design, 2-3 July 2013, Islamabad, Pakistan.
3. Symposium and Exhibition for Quality Control Laboratories in Structural Projects, 21-23 April 2013, Riyadh, Saudi Arabia.
4. Oman Gas Company, 2 January 2011.
5. Optical Communications and Sensing Workshop, 17 January 2010, SQU, Oman.
6. 1<sup>st</sup> International Conference on Recycling and Reuse of Materials ICRM 2009, 17-19 July 2009, Kottayam, India.
7. 5<sup>th</sup> International Symposium on Steel Structures (ISSS'09), 12-14 March 2009, Seoul, South Korea.
8. Directorate General of Specifications and Standardization, Ministry of Commerce and Industry, 22 October 2009.
9. Sultan Qaboos Centre for Islamic Culture, 29 April 2008.
10. 4<sup>th</sup> International Symposium on Steel Structures, 16-18 November 2006, Seoul, South Korea.
11. 3<sup>rd</sup> International Conference on High Performance Structures and Materials (HPSM2006), 3-5 May 2006, Ostend, Belgium.
12. 1<sup>st</sup> National Conference on Design and Construction practices in Hot and Arid Regions (DCPHAR), 22<sup>nd</sup> March 2004, Oman.
13. 2<sup>nd</sup> International Conference on High Performance Structures and Materials (HPSM 2004), 31 May – 2 June 2004, Ancona, Italy.

## **(III) Session Chair**

1. Session II, Workshop in Seismic Hazard Assessment for Oman, 22 February 2015, SQU, Muscat, Oman
2. Session 7a: Steel Structures (II), 8<sup>th</sup> International Conference on Structures in Fire – SIF'2014, 12 June 2014m Shanghai, China.
3. Session 6C: Innovative Building Materials, 2013 Architectural Engineering Institute (AEI) Conference, 4 April 2013, the Pennsylvania State University, Pennsylvania, USA
4. Session 6, Symposium and Exhibition for Quality Control Laboratories in Structural Projects, 23 April 2013, Riyadh, Saudi Arabia.

5. Session 2b: Seismic Networking, 8<sup>th</sup> Gulf Seismic Forum, 4 March 2013, Muscat, Oman.
6. Session 9, International Workshop on Fire Safety Engineering and Management (IWFSEM2011), 9 March 2011, Muscat, Oman
7. Recycling and Reuse of Polymers – I, 1<sup>st</sup> International Conference on Recycling and Reuse of Materials ICRM2009, 17 July 2009, Kottayam, India.
8. Session 3B-1: Civil Engineering – Structures V, The Third International Conference on Modeling, Simulation and Applied Optimization (ICMSAO'09), January 22, 2009, Sharjah, UAE.
9. Teaching Technologies and Engineering Education, International Conference on Engineering Professional Ethics and Education (ICEPEE'08), 13 -15 May 2008, Kuala Lumpur, Malaysia.
10. High performance concretes (II) and Adhesion and Adhesives session, 3<sup>rd</sup> International Conference on High Performance Structures and Materials (HPSM2006), 3-5 May 2006, Ostend, Belgium.
11. Intelligent Transportation Systems (ITS); 3<sup>rd</sup> Gulf Conference on Road, 6-8 March 2006, Sultan Qaboos University, Oman.
12. Traffic Operations and Safety; 3<sup>rd</sup> Gulf Conference on Road, 6-8 March 2006, Sultan Qaboos University, Oman
13. Session 5E: Concrete and Construction Materials I, 2<sup>nd</sup> International Conference on Structural Engineering, Mechanics and Computation (SEMC 2004), 5-7 July 2004, Cape Town, South Africa.
14. Technical Session I: Concrete Design and Construction Practices, 1<sup>st</sup> National Conference on Design and Construction practices in Hot and Arid Regions (DCPHAR), 22<sup>nd</sup> March 2004, Oman.

#### **(IV) Chair**

1. Organizing Committee, Fifth International Conference on Estuaries and Coasts (ICEC 2015), November 2–4, 2015, Muscat, Sultanate of Oman
2. Organizing Committee, International Workshop on Fire Safety Engineering and Management (IWFSEM2011), 7-9 March 2011, Muscat, Oman.
3. Workshop on Safety, College of Engineering, SQU, 26 January 2009.
4. Publication and IT Committee, 3<sup>rd</sup> Gulf Conference on Roads, 6-8 March 2006, Muscat, Sultanate of Oman.
5. College of Engineering HSE Workshop 2005 (HSEW05), organized by HSE Committee, College of Engineering, SQU, 16<sup>th</sup>-18<sup>th</sup> January, 2005.

#### **d) SERVICE TO THE PUBLIC**

1. Interview in Oman TV on the organization of International Workshop on Fire Safety and Management, 7<sup>th</sup> March 2011, Oman
2. Interview in Oman TV on the use of copper slag as a construction material, Bridges program, 3<sup>rd</sup> August 2009, Oman.
3. Presented a lecture on behalf of SQU at a colloquium to discuss Scientific Research in Oman: present situation and future plans, organised by Sultan Qaboos Center for Islamic Culture, 29 April 2008.
4. Lecture delivered to public on the causes of deterioration and collapse of buildings at the cultural club, Muscat, 12 December 2005 and at Marmoul Camp., PDO, 1<sup>st</sup> February 2006.
5. Attended Regional Conference on Recent Trends in Maintenance Management, 2<sup>nd</sup> October 2005, Hotel Crown Plaza, Muscat
6. Attended, 1-day seminar on Health Impact Assessment (HIA) Capacity-Building in Oman, Ministry of Health and World Health Organisation (WHO), Radisson SAS, 2<sup>nd</sup> May 2005
7. Acted as seminars and publicity coordinator for the Department of Civil and Architectural Engineering since Fall 2000 inviting academics and practicing engineers to give seminars in the department.
8. Organizing Seminars at the University in collaboration with the Industry which were attended by practicing Engineers and Academics
9. Initiating contacts with industrial Companies for training and recruiting students graduated from the department.
10. Delivering lectures to academic colleges such as Caledonian college of Engineering and Fire Safety Engineering College
11. Attended, the Fifth Gulf Engineering Symposium: Gulf Engineer and Future Prospects, 18-20 February 2001, Muscat, Oman
12. Attended, Symposium on the Vocational Training in GCC Countries, November, 2001
13. Member in the scientific committee of the first national conference in concrete practice in hot climate, organized by Caledonian College of Engineering, March 2004
14. Organised Seminar on "Elkem Microsilica for Durable and High Strength Concrete", Organised by Elkem Materials and Arabian Trading Est. and Sultan Qaboos University, Sultan Qaboos University, 9 May 2004.

#### **e) SCIENTIFIC AND PROFESSIONAL SOCIETIES**

**Fellow Member**, International Congress of Disaster Management (FICDM): 2008-present

Institution of Structural Engineers (IStructE): 1993-2012

American Society of Civil Engineers (ASCE): 2000-2003



## 6. SCHOLARLY ACHIEVEMENTS

### a) REFEREED JOURNAL PAPERS

1. Waris, M. B., Alia, N., and **Al-Jabri, K.** “Use of recycled tire in concrete for partial aggregate, replacement”, APCBEE Procedia 2014, in press
2. El-Hussain, I., Deif, A., Mohamed, A.M.E., **Al-Jabri, K.**, Gareth, B., and Yaqoup, H. “Deterministic Seismic Hazard Assessment Close to a Gas Field in Northern Oman”, Arab J Geosci 2014, in press.
3. Al-Jabri, K., and Shoukry, H. “Use of nano-structured Waste Materials for Improving Mechanical, physical and Structural Properties of Cement Mortar”, Construction and Building Materials 2014, 73:636-644.
4. El-Hussain, I., Mohamed, A.M.E., Deif, A., Al-Rawas, G., **Al-Jabri, K.**, and Pekman, G., “Delineation of a Paleo-channel Utilizing Integrated Geophysical Techniques at Port of Duqm Area, Sultanate of Oman”, J. Geophys. Eng. 2014, 11 (18pp).
5. El-Hussain, I., Deif, A., **Al-Jabri, K.**, Mohamed, A.M.E., El-Hady, S., Al-Habsi, Z., “Efficiency of Horizontal-to-Vertical Spectral Ratio (HVSr) in Defining the Fundamental Frequency in Muscat Region, Sultanate of Oman: a Comparative Study”, Arab J Geosci 2014, 7(6): 2423–2436.
6. El-Hussain, I., Deif, A., **Al-Jabri, K.**, Mohamed, A.M.E. Al-Rawas, G., Toksoz, M.N., Sundararajan, N., El-Hady, S., Al-Hashmi, S., Al-Toubi, K., Al-Saifi, M., Al-Habsi, Z., “Seismic Microzonation for Muscat Region, Sultanate of Oman”, Nat Hazard 2013, 69:1919-1950
7. Deif, A., El-Hussain, I, **Al-Jabri, K.**, Toksoz, N., El-Hady, S., Al-Hashmi, S., Al-Toubi, K., Al-Shijbi, Y., Al-Saifi, M., “Deterministic seismic hazard assessment for Sultanate of Oman”, Arab J Geosci 2013, 6:4947-4960.
8. **Al-Jabri, K.**, Baawain, M., Taha, R., Al-Kamyani, Z. S., Al-Shamsi, K., and Ishtieh, A., “Potential use of FCC spent catalyst as partial replacement of cement or sand in cement mortars”, Construction and Building Materials 2013, 39:77-81.
9. Alshamsi, K., Baawain, M., **Aljabri, K.**, Taha, R., and Al-kamyani, Z., “Utilizimg Waste Spent Catalyst in Asphalt Mixtures”, Precedia – Social and Behavioral Sciences 2012, 53:326-334.
10. El-Hussain, I., Deif, A., **Al-Jabri, K.**, Toksoz, N., El-Hady, S., Al-Hashmi, S., Al-Toubi, K., Al-Shijbi, Y., Al-Saifi, M., and Kuleli, S., “Porbabilistic Seismic Hazard Maps for the Sultanate of Oman”, Nat Hazard 2012, 64:173-210.
11. Taha, R., Al-Kamyani, Z., **Al-Jabri, K.**, Baawain, M., and Al-Shamsi, K., “Recycling of waste spent catalyst in road construction and masonry blocks”, Journal of Hazardous Materials 2012, 229-230:122-127.
12. **Al-Jabri, K S.**, and Al-Jahwari, F. K., “Advanced Finite Element Modelling of Flexible End-Plate Beam-to- Column Joints in Fire”, Journal of Structural Fire Engineering 2012, 3(1):71-80.
13. **Al-Jabri, K. S.**, Al-Saidy, A. H., Taha, R., and Al-Kemyani, A. J., “Effect of Using Wastewater on the Properties of High Strength Concrete”, Procedia Engineering 2011, 14: 370-376.

14. Al-Saidy, A.H., and **Al-Jabri, K.S.** "Effect of Damaged Concrete Cover on the Behavior of Corroded Concrete Beams Strengthened with CFRP Sheets", Composite Structures 2011, 93(7): 1775-1786.
15. Hassan, H. F., and **Al-Jabri, K.**, "Laboratory Evaluation of Hot Mix Asphalt Concrete Containing Copper Slag Aggregate", Journal of Materials in Civil Engineering 2011, 23(6): 879-885.
16. **Al-Jabri, K. S.**, "Modelling and Simulation of Beam-to-Column Joints at Elevated Temperature: A Review", Journal of the Franklin Institute 2011, 348(7): 1695-1716
17. Taha, R., Al-Harthy, A. S., and **Al-Jabri, K. S.**, "Use of Production and Brackish Water in Concrete", International Journal of Sustainable Water & environmental Systems 2010, 1(2):39-43.
18. **Al-Jabri, K. S.**, and Al-Alawi, S. M. "An Advanced NN Modelling of the Rotational Behaviour of Semi-rigid Composite Joints in Fire Using the Back-propagation Paradigm", International Journal of Steel Structures, 2010, 10(4):337-347.
19. **Al-Jabri K. S.**, Al-Saidy, A. H., and Taha, R. "Effect of Copper Slag as a Fine Aggregate on the Properties of Cement Mortars and Concrete", Construction and Building Materials Journal 2011, 25:933-938.
20. Taha, R. A., **Al-Jabri, K.S.**, and Al Wahaibi. T., "Development of Cementitious Materials from Wastes and By-products Generated in Oman", Journal of Materials Science and Engineering 2011; 5(4).
21. **Al-Jabri, K. S.**, and El-Hussain, I. "Towards a Seismic Hazard Assessment in Oman", International Journal of Civil Engineering 2010; 2(1):61-79.
22. Al-Saidy, A.H., Al-Harthy, A.S., **Al-Jabri, K.S.**, Abdul-Halim, M., Al-Shidi, N.M., "Structural Performance of Corroded RC Beams with CFRP Sheets", Composite Structures 2010, 92:1931-1938.
23. Alnuaimi, A.S., Hago, A.W., **Al-Jabri, K.S.**, Al-Saidy, A.H., "Investigation on the Flexural Behaviour of Ferrocement Pipes and Roof Panels Subjected to Bending Moment", Structural Engineering and Mechanics 2009, 33(4):503-527
24. **Al-Jabri, K. S.**, Hisada, M., Al-Oraimi, S. K., and Al-Saidy, A. H. "Copper Slag as Sand Replacement for High Performance Concrete", Cement and Concrete Composites 2009; 31:483-488
25. **Al-Jabri, K. S.**, Al-Alawi, S. M., Al-Nuaimi A. S., and Al-Saidy, A. H., "An Artificial Network Model For Semi-Rigid Joints Behaviour in Fire", Advanced Steel Construction 2009; 5(4):452-464
26. Shirh, A., Adeeb, R. and **Al-Jabri, K. S.**, "Finite Element Analysis of Flush End-plate Bare Steel Connection at Elevated Temperature". Advances in Structural Engineering 2009; 12(3):311-324
27. **Al-Jabri, K. S.**, Hago, A. W. Taha, R., Alnuaimi A. S., and Al-Saidy, A. H., "Strength and Insulating Properties of Building Blocks Made from Waste Materials", Journal of Materials in Civil Engineering 2009, 21(5):191-197.
28. **Al-Jabri, K. S.**, Hisada, M., Al-Saidy, A. H., and Al-Oraimi, S. K. "Performance of High Strength Concrete Made with Copper Slag as a Fine Aggregate", Construction and Building Materials 2009, 23:2132-2140.
29. Al-Saidy, A. H., Klaiber, F. W., Wipf, T. J., **Al-Jabri, K. S.**, and Al-Nuaimi, A. S., "Parametric Study on the Behaviour of Steel-Concrete Composite Girders

- Strengthened with Carbon Fiber Reinforced Polymer Plates”, Construction and Building Materials 2008, 22:729-737.
30. Al-Nuaimi, A., **Al-Jabri K. S.**, and Hago A. “Comparison between Solid and Hollow Reinforced Concrete Beams” Materials and Structures 2008; 41:269-286
  31. **Al-Jabri, K. S.**, Davison, J. B., and Burgess, I. W., "Performance of Beam-to-Column Joints in Fire - A Review", Fire Safety Journal 2008, 43:50-62.
  32. **Al-Jabri, K. S.**, “Fire Public Awareness in Oman”, Journal of Scientific Research and Essay 2007, 2(8):468-475.
  33. **Al-Jabri K. S.** “Behavior of Steel-framed Buildings in a Fire”, Steel Structures 2007, 7:227-237.
  34. **Al-Jabri K. S.** and Al-Alawi S. M. “Predicting the Behaviour of Semi-rigid Joints in Fire using an Artificial Neural Network”, Steel Structures 2007, 7:209-217.
  35. Al-Harthy, A. S., Abdel Halim, M., Taha, R., and **Al-Jabri, K. S.**, "The Properties of Concrete Made of Fine Dune Sand", Construction and Building Materials 2007;21:1803-08.
  36. Taha, R. A., Al-Nuaimi, A. S., **Al-Jabri, K. S.** and Al-Harthy, A. S., "Evaluation of Controlled Low Strength Materials Containing Industrial By-Products", Building and Environment 2007;42:3366-72.
  37. Alnuaimi, A. S., **Al-Jabri, K. S.** and Hago, A. W., “Direct Design of T-Beams for Combined Load of Bending and Torsion”, The Journal of Engineering Research 2007, 4(1):23-36.
  38. **Al-Jabri, K. S.**, Taha, R. A., Al-Hashmi, A. and Al-Harthy, A. S., "Effect of Copper Slag and Cement By-Pass Dust Addition on Concrete Properties", Construction and Building Materials 2006; 20:322-331.
  39. **Al-Jabri, K. S.**, Seibi, A. and Karrech, A., "Modelling of Un-stiffened Flush End-plate Bolted Connections in Fire", Journal of Constructional Steel Research 2006, 62:151-59.
  40. Hassan, H. F. and **Al-Jabri, K. S.**, "Effect of Organic Fibers on Open-Graded Friction Course Mixture Properties", International Journal of Pavement Engineering 2005; 6(1):67-75.
  41. **Al-Jabri, K. S.**, Burgess, I. W., and Plank, R. J, “Spring-Stiffness Model for Flexible End-Plate Bare-steel Joints in Fire”, Journal of Constructional Steel Research 2005; 61:1672-91.
  42. **Al-Jabri, K. S.**, Hago, A. W., Al-Nuaimi, A. S. and Al-Saidy, A. H., "Concrete Blocks for Thermal Insulation in Hot Climate", Cement and Concrete Research 2005, 35:1472-79.
  43. **Al-Jabri, K. S.**, Burgess, I. W., Lennon, T. and Plank, R. J, “Moment-Rotation-Temperature Curves for Semi-Rigid Joints”, Journal of Constructional Steel Research 2005; 61:281-303.
  44. Hago, A. W., **Al-Jabri, K. S.**, Al-Nuaimi, A. S., Al-Moqbali, H. and Al-Kubaisy, M. A. "Ultimate and Service Behaviour of Ferrocement Slab Panels" Construction and Building Materials 2005; 19(1):31-37.

45. **Al-Harthy, A. S.**, Taha, R., Abu-Ashour J. and **Al Jabri, K.**, "Effect of Water Quality on the Strength of Flowable Fill Mixtures", Cement and Concrete Composites 2005; 27:33-39.
46. **Al-Jabri, K. S.**, "Component-Based Model of the Behaviour of Flexible End-Plate Connections at Elevated-Temperatures", Composite Structures 2004; 66(1-4):215-21.
47. Taha, R., Al-Rawas, A., **Al-Jabri, K.**, Al-Harthy, A., Hassan, A. and Al-Oraimi, S., "An Overview of Waste Materials Recycling in the Sultanate of Oman", Resources Conservation and Recycling 2004, 41:293-306.
48. **Al-Jabri, K. S.**, Burgess, I. W., and Plank, R. J., "Prediction of the Degradation of Connection Characteristics at Elevated Temperature", Journal of Constructional Steel Research 2004, 60: 771-81.
49. **Al-Jabri, K. S.**, Hago, A. W., Al-Nuaimi, A. S and Al-Mahrouqi, S. "Analysis of Fire Data in Oman", Science and Technology 2003, 8:120-29.
50. **Al-Jabri, K.**, Taha R., Al Harthy A., Al-Oraimi, S. and Al-Nuaimi, A., "Use of Cement By-Pass Dust in Flowable Fill Mixtures", Cement, Concrete, and Aggregates 2002, 24(2):53-57.
51. **Al-Jabri, K.**, Taha, R. and Al Ghassani, M. "Use of Copper Slag and Cement By-Pass Dust as Cementitious Materials", Cement, Concrete, and Aggregates 2002; 24(1):7-12.
52. **Al-Jabri, K. S.**, Burgess, I. W., Lennon, T., and Plank, R. J., "The Performance of Frame Connections in Fire", ACTA Polytechnica 1999; 39(5):65-75.
53. **Al-Jabri, K. S.**, Lennon, T., Burgess, I. W., and Plank, R. J., "Behaviour of Steel and Composite Beam-Column Connections in Fire", Journal of Constructional Steel Research 1998; 46(1-3):Paper No. 180.
54. Qamaruddin, M, **Al-Jabri, K. S.**, and Al-Oraimi, S., "Earthquake Response of Multistorey Masonry building with Friction Base Isolation", Bull. Ind. Soc. Earth. Techn. 1996; 33(3):215-27 [Paper No. 358].

#### ***b) Magazine and Newspaper Articles***

1. **Al-Jabri, K.**, "Development and Parliamentary Work in Oman during the Last Four Decades", Oman Council Magazine, November 2012, pp. 22-25.
2. Ramaswamy, M., **Al-Jabri, K. S.**, "Plug That Leak", Climate Control Middle East, January 2010; 5(1):44-48.
3. **Al-Jabri, K. S.**, "Using Copper Slag as a Construction Material", Oman Observer, August 1, 2009, Oman.
4. **Al-Jabri, K. S.**, "Using Copper Slag as a Construction Material" (in Arabic), Alwatan, Vol. 39: Issue 9498, August 1, 2009, Oman.
5. Ramaswamy, M., **Al-Jabri, K. S.**, "CDM and the Green Movement in the Middle East", Climate Control Middle East, May 2009; 4(5):20-23

#### **d) BOOK CHAPTERS**

1. **Al-Jabri, K. S.**, “The Use of Industrial Wastes Materials and By-products on Cement Production”, Chapter 9, In: *High Temperature Processes in Chemical Engineering*, Lackner, M. (Editor.), ProcessEng Engineering GmbH, Vienna, May 2010.

#### **e) CONFERENCE PROCEEDINGS**

1. **Al-Jabri, K. S.**, “Recycling of Industrial by-products in the Construction Field in Oman – An Overview“, The International Conference on Environmentally Friendly Civil Engineering Construction and Materials, 13 – 14 November 2014 Manado, Indonesia.
2. **Al-Jabri, K. S.**, Prashob, P., Waris, M. B., and Pervez, T., “3D Finite Element Modelling of Beam-Column Flexible End-plate Composite Connections at Elevated Temperatures”, In: Proceedings of 8<sup>th</sup> International Conference on Structures in Fire, V. K. Kodur et al. (Editors), June 11-13, 2014, Shanghai, China, pp.869-876.
3. **Al-Jabri, K.**, Al-Kamyani, Z. Taha, R., Baawain, M., Al-Shamsi, K. and Al-Saidy, A. H. “Effect of Spent Catalyst as a Fine Aggregate on the Properties of Concrete”. In: Proceedings of The 2013 Architectural Engineering Institute (AEI) Conference, Chimay J. Anumba, and Ali M. Memari (Editors),: April 3-5, 2013, Pennsylvania, USA, pp. 662-669.
4. Taha, R. A., Al-Nasseri, H. A., **Al-Jabri, K.S.**, Al-Nuaimi, A. S., and Al-Harthy, A. S. “Production of Nano-sized Particles from Cement Kiln Dust”, UKIERI Concrete Congress: Innovations in concrete Construction, 5-8 March, 2013, India.
5. Taha, R. A., Al-Nasseri, H. A., **Al-Jabri, K.S.**, Al-Nuaimi, A. S., and Al-Harthy, A. S. “Use of Milled Cement Kiln Dust in Cement Mortars”, Third International Conference on Construction in Developing Countries (ICCIDC-III) : Advancing Civil, Architectural and Construction Engineering & Management, July 4-6, 2012, Bangkok, Thailand.
6. Al-Saidy, A. H., **Al-Jabri, K. S.**, Al-Harthy, A. S., and Al-Zedjali, S. M. “Textile Reinforced Mortar for Strengthening Reinforced Concrete Beams.”, In: ECCM15 – 15<sup>th</sup> European Conference on Composite Materials, 24-28 June 2012, Venice, Italy
7. **Al-Jabri, K.**, Al-Kamyani, Z. Taha, R., Baawain, M., Al-Shamsi, K. and Al-Saidy, A. H. “Performance of Concrete Made with Spent Catalyst as Cement Replacement”. fib Symposium STOCKHOLM 2012: Concrete Structures for Sustainable Community, 11-14 June 2012, Stockholm, Sweden.
8. **Al-Jabri, K.**, Al-Kamyani, Z. Taha, R., Baawain, M. and, Al-Shamsi, K. “Use of Spent Catalyst as an Additive Cementitious Material in Concrete and Masonry blocks”. ACI-KC 3<sup>rd</sup> International Conference and Exhibition, 8-10 May, 2012, Kuwait
9. **Al-Jabri, K. S.**, Al-Saidy, A. H., Ambu Ali, Y. Y., and Al-Kamyani, Z. “Effects of Elevated Temperatures on Properties of Concrete Made with Local Aggregates, ACI-KC 3<sup>rd</sup> International Conference and Exhibition, 8-10 May, 2012, Kuwait.
10. **Al-Jabri, K. S.**, Al-Azri, M., Al-Ismaili, A., and Al-Jahwari, F. “Finite Element Analysis of Beam-to-Column Joints at Elevated Temperatures”, 6<sup>th</sup> International Symposium on Steel Structures; 3-5 November 2011, Seoul, South Korea.

11. **Al-Jabri, K.**, Ishtieh, Y., Al-Kamyani, Z. Taha, R., Baawain, M. and, Al-Shamsi, K., “Use of FCC Spent Catalyst as Partial Replacement of Cement or/and Fine Aggregates in Cement Mortars”, In: International Symposium on Cement & Concrete Materials (ISCCM 2011), 7-9 November 2011, Ningbo, China.
12. **Al-Jabri, K. S.**, Al-Saidy, A. H., Taha, R., and Al-Kemyani, A. J., “Effect of Using Wastewater on the Properties of High Strength Concrete”, In: The Twelfth East Asia-Pacific Conference on Structural Engineering and Construction (EASEC-12), 24-26 January 2011, Hong Kong Special Administrative Region, China.
13. **Al-Jabri, K. S.**, and Cevik, A., “A New Formulation for Rotation of Bare-steel Joints at Elevated Temperatures Using Genetic Programming”, In: Proceedings of the International Conference on Computing in Civil and Building Engineering, W. Tizani (Editor), 30 June-2 July, 2010, Nottingham, UK, Nottingham University Press, Paper 207, p. 413.
14. **Al-Jabri, K.**, and Al-Jahwari, F., “Finite Element Analyses of Flexible End-plate Connections between Steel Beams and Columns at Elevated Temperatures”, In: Sixth International Conference on Structures in Fire (SiF'10), Kodur, V., and Franssen J-M (Editors), June 2-4, 2010, Michigan, USA, pp. 687-693.
15. **Al-Jabri, K. S.**, Taha, R., and Al-Saidy, A. H., “Effect of Using Non-Fresh Water on the Mechanical Properties of Cement Mortars and Concrete”, In: The Third International fib Congress and PCI Annual Convention & Exhibition, May 29 – June 2, 2010, Washington D. C., USA, Paper No. 55 (paper on CD).
16. Taha, R., Al-Harthy, A. S., and **Al-Jabri, K. S.**, “Use of Production and Brackish Water in Concrete”, In: International Engineering conference on Hot Arid Regions (IECHAR 2010), Akash, B. A., and Abu Abdo, A. M. (Editors), March 1-2, 2010, Al-Ahsa, Kingdom of Saudi Arabia, pp. 127-132.
17. **Al-Jabri, K. S.** “Recycling of Copper Slag as a Construction Material”, In: Proceeding of the 1st International Conference on Recycling and Reuse of Materials (ICRM 2009), Paper No. IL90 (Full paper in CD), 17-19, July 2009, Kottayam, India
18. Al Alawi, A., Ramaswamy, M., Al-Jahwari, F. and **Al Jabri, K. S.**, “A Feasibility Study to Use Solar Cooling System in one of the Typical Schools in Sultanate of Oman”, In: Proceedings of the 4th International Exergy, Energy and Environment Symposium (IEEES-4), 19 – 23 April 2009, Sharjah, U.A.E.
19. **Al-Jabri, K. S.** and Al-Alawi, S. M., “AN ANN Model for Predicting the Behaviour of Semi-rigid Composite Joints at Elevated Temperature”, In: Proceedings of the 5<sup>th</sup> International Symposium on Steel Structures; Choi, M. et al. (eds.), 12-14 March 2009, Seoul, South Korea, pp. 292-298.
20. **Al-Jabri, K. S.** “Analysis of Semi-rigid Joints in Fire using Different Numerical Modelling Methods”, In: Proceedings of the Third International Conference on Modelling, Simulation and Applied Optimization (ICMSAO'09); Kucuk et al. (Editor), January 20-22, 2009, Sharjah, United Arab Emirates.
21. **Al-Jabri, K. S.**, Ramaswamy, M., Al Alawi, A., and Al-Jahwari, F. “Strategies for the Development of Sustainable Buildings in the Sultanate of Oman”. In: Proceedings of the Pravara International Conference on Emerging Trends in Engineering, 20<sup>th</sup> - 22<sup>nd</sup> December 2008, Loni, India
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- Beams”, In: Concrete Repair, Rehabilitation and Retrofitting II, Alexander et al. (Editors), 2009 Taylor and Francis Group, London, pp. 1243-1248.
23. Al Alawi, A., Ramaswamy, M., **Al Jabri, K. S.**, and Gutgesell, H. “A feasibility Study to Operate a Primary Health Unit in Oman using Green Energy”, International Conference on Harnessing Technology: Challenges and Opportunities in GCC states, 12-13 October 2008, Muscat, Oman.
  24. **Al-Jabri, K. S.**, and Al-Shuaili, S. “Higher Education and Scientific Research in the Sultanate of Oman: the Present Situation and the Future Strategies”, In: Proceedings of the International Conference on Professional Ethics and Education 2008 (ICEPEE’08), 13-15 May 2008, Kuala Lumpur, Malaysia, pp. 214-221.
  25. Rahman, A., Shrih, A., and **Al-Jabri, K. S.**, “Computational Analysis of Flush End-plate Bare Steel Connection under Fire Conditions”, In: 11<sup>th</sup> International Conference on Inspection, Appraisal, Repairs and Maintenance of Structures, 14-17 November 2007, North Cyprus, pp. 293-302.
  26. **Al-Jabri, K. S.** and Al-Alawi, S. M., “Modelling the Moment-Rotation-Temperature Response of Flexible End-plate Composite Joints Using Artificial Neural Networks”, In: Proc. 6<sup>th</sup> International Conference on Steel and Aluminium Structures (ICSAS07), Beale R.G. (Editor), 24-27 July 2007, St Catherine's College, Oxford University, Oxford, UK.
  27. Al-Saidy, A. H., Al-Harthy, A. S., **Al-Jabri, K. S.**, and Abdul-Halim, M., “Repair/Strengthening of Corrosion Damaged Concrete Beams with Fiber Reinforced Polymers Sheets”, In: 8<sup>th</sup> International Symposium on Fiber Reinforced Polymer Reinforcement for Concrete Structures”, University of Patras, Patras, Greece, July 16-18, 2007.
  28. **Al-Jabri, K. S.**, Al-Alawi, S. M., Al-Saidy, A. H., and Alnuaimi A. S., "An Artificial Network Model For Predicting the Behaviour of Flexible End-plate Bare-steel Joints in Fire", In: Pacific Structural Steel Conference 2007, Steel Structures in Natural Hazards, 13-16 March 2007, Wairakei, New Zealand, pp. 213-218.
  29. **Al-Jabri, K. S.** “An Overview of the Behaviour of Steel-framed Composite Buildings in Fire”, In: Hyo-Nam Cho et al. (editors), Proceedings of the 4<sup>th</sup> International Symposium on Steel Structures, 16-18 November 2006, Seoul, South Korea, pp. 367-78.
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#### f) المراجع باللغة العربية

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2. **الجابري, خليفة بن سيف,** " خصائص الخرسانة المصنوعة من ركام محلي عند درجات الحرارة العالية " ندوة ومعرض مختبرات الجودة في المشروعات الإنشائية, 21-23 ابريل 2013 م, الرياض, المملكة العربية السعودية, ورقة رقم 85.
3. **الجابري, خليفة,** "دور البرلمان في خدمة قضايا العلوم والتكنولوجيا", التقرير البرلماني, مجلس الدولة, العدد 27, نوفمبر 2014, صفحة 62-63.

#### g) CONFERENCE ABSTRACTS

1. El-Hussain, I., Deif, A., Mohamed A.E., **Al-Jabri, K.,** Gareth, B., and Yaqoup, H., "Seismic Hazard Assessment at A PDO Site in Northern Oman", 8<sup>th</sup> Gulf Seismic Forum, 3-6 March 2013, Muscat, Oman.
2. Eser çasti, Karin Sesetyan, Ufuk Hancilar, El-Hussain, I. Al-Rawas, G., **Al-Jabri, K.,** and Deif, A., "Seismic Risk Analysis of Buildings in Muscat, Oman", 8<sup>th</sup> Gulf Seismic Forum, 3-6 March 2013, Muscat, Oman.
3. Al-Ismaili, A., Al-Azri, M., Al-Jahawari, F. and **Al-Jabri, K.,** "Finite Element Analysis of Beam-to-Column Joints at Elevated Temperatures", International Workshop on Fire Safety Engineering and Management (IWFSEM2011), March 7-9, 2011, Muscat, Oman.
4. A., Al-Azri, M., Al-Ismaili, Al-Jahawari, F. and **Al-Jabri, K.,** "Finite Element Modelling of T-stub Assembly in Fire", International Workshop on Fire Safety Engineering and Management (IWFSEM2011), March 7-9, 2011, Muscat, Oman.
5. Al-Lawati, S., Al-Lawati, A., Pervez, T., Al-Jahawari, F. and **Al-Jabri, K.,** "Design of Fire Resistant and Energy Efficient Laminate Composite Door for SQUH Operation Theater", International Workshop on Fire Safety Engineering and Management (IWFSEM2011), March 7-9, 2011, Muscat, Oman.
6. Khoukhi, M., **Al-Jabri, K.,** and Mandour, A., "Airflow Simulation and Smoke Movement in High Rise Buildings", International Workshop on Fire Safety Engineering and Management (IWFSEM2011), March 7-9, 2011, Muscat, Oman.
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8. El-Hussain, I., Deif, A., Al-Hashmi, S., Al-Toubi, K., Al-Shijbi, Y., Al-Saifi, M., and **Al-Jabri, K.,** "Preliminary Study: Probabilistic Seismic Hazard assessment for Sultanate of Oman", Gulf Seismic Forum 2010, March 1-4, 2010, Abu Dhabi, United Arab Emirates.
9. **Al-Jabri, K. S.,** "Numerical Modelling of the Behaviour of Semi-rigid Joints in Fire", Conference on Numerical Analysis and Optimization, 6-8 April 2008, Sultan Qaboos University, Oman.

10. **Al-Jabri, K. S.**, and Cevik, A., “Modelling of bare-steel joints at elevated temperatures using genetic programming”, International Conference on Analysis and Applications (ICAA2010), 24-26 April, 2010, Muscat, Oman.

#### ***h) TECHNICAL REPORTS***

1. **Al-Jabri, K. S.**, Dutta, J., Hago, A. W., and Al-Sheraida, O.S, 2014, Development of a New Soil-Cement Block using Produced Water from PDO Oil Fields: Literature Review, First Progress report submitted to Petroleum Development Oman (PDO), Project No. CR/ENG/CIVL/14/09, Department of Civil and Architectural Engineering, Sultan Qaboos University, Oman, December 2014.
2. **Al-Jabri, K. S.**, Hago, A. W., Yahia Zain, and Hossam Hassan, “Report On Methods to Control Cracking in Mass Concrete for Bridge Abutments of Bibid-Sur Road Section 1”, Final Report, Consultancy Grant No. CR/ENG/CIVL/14/01, February 2014, Department of Civil and Architectural Engineering, Sultan Qaboos University, Oman.
3. El-Hussain, I., Baptisa, A., Omira, R., Deif, A., Mohamed A.E., **Al-Jabri, K.**, Al-Rawas, G., and Al-Habsi, Z., “Tsunami Hazard Assessment for the Oman Liquefied Natural Gas Site”, Final Report submitted to Oman Liquefied Natural Gas Company (OLNG), June 2014, Earthquake Monitoring Centre, Sultan Qaboos University, Oman.
4. El-Hussain, I., Deif, **Al-Jabri, K;** A., Al-Hashmi, S., Al-Toubi, K., Al-Shijbi, Y., Al-Saifi, M., and Al-Habsi, Z., “Geophysical Surveys at Port of Duqm Sabkha Area” Final Report, Research Grant No. CR/DVC/EMC/13/01, May 2013, Earthquake Monitoring Centre, Sultan Qaboos University, Oman.
5. El-Hussain, I., Deif, **Al-Jabri, K;** A., Al-Hashmi, S., Al-Toubi, K., Al-Shijbi, Y., Al-Saifi, M., and Al-Habsi, Z., “Deterministic Seismic Hazard Assessment for Site 6 at Yibal Oil Field” Final Report, Research Grant No. CR/DVC/EMC/12/01, June 2012, Earthquake Monitoring Centre, Sultan Qaboos University, Oman.
6. El-Hussain, I., Deif, **Al-Jabri, K;** A., Al-Hashmi, S., Al-Toubi, K., Al-Shijbi, Y., Al-Saifi, M., and Al-Habsi, Z., “Mitigation of Seismic Risk by Microzonation in Muscat Area, Sultanate of Oman: Phase II”, 2<sup>nd</sup> Report, Grant No. 22409017, 2012, Earthquake Monitoring Centre, Sultan Qaboos University, Oman.
7. Taha, R., Bawain, M., **Al-Jabri, K.**, Al-Shamsi, K., and Al-Futaisi, A., “Beneficial Applications of Spent Catalysts and Charcoal Generated by Mina Al-Fahl and Sohar Refineries”, Final Report, Research Grant No. CR/ENG/CIVL/09/01, December 2011, Department of Civil and Architectural Engineering, Sultan Qaboos University, Oman.
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9. El-Hussain, I., Deif, **Al-Jabri, K;** A., Al-Hashmi, S., Al-Toubi, K., Al-Shijbi, Y., Al-Saifi, M., “Seismic Hazard Assessment for Oman, Phase I: Deterministic and

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  12. Taha, R., **Al-Jabri, K.**, Al-Aghbari, M., and Hassan, H. “ Use of Palm Fibers in Civil Engineering Construction”. Final Report, Research Grant No IG/ENG/CAED/04/08, January 2010, Department of Civil and Architectural Engineering, Sultan Qaboos University, Oman.
  13. Al-Saidy, A., Al-Harthy, A. S., Abdel-Halim, A., **Al-Jabri, K** and Rasvi, S. “Rehabilitation of Concrete Flexural Members in Oman using Fibre Reinforced Polymers”, Final Report, Research Grant No. IG/ENG/CAED/04/03, Department of Civil and Architectural Engineering, Sultan Qaboos University, Feb. 2008.
  14. Hago, A. W. and **Al-Jabri, K.** “Development of Lightweight Concrete with Emphasis on Thermal Insulation”, Final Report submitted for Internal Research Project No. DOPSAR/R/ENG/99/06, Department of Civil and Architectural Engineering, Sultan Qaboos University, Sep. 2005.
  15. **Al-Jabri, K. S.** and Taha, R., "Use of Oman's Copper Slag as Cementitious Material", Final Report submitted for Internal Research Project No. DOPSAR/R/ENG/01/05, Department of Civil and Architectural Engineering, Sultan Qaboos University, Jan. 2004.
  16. Hago, A. W., Alnuaimi, A. S., and **Al-Jabri, K. S.**, "Investigation of the Deterioration of Potable Storage Tanks at Wudam Naval Base", Report submitted to Ministry of Defence, Deng/CAE/2003, November, 2003, Department of Civil and Architectural Engineering, Sultan Qaboos University, Oman.
  17. Ali Al-Harthy, Ramzi Taha, Mohammed Abdel Halim and **Khalifa Al-Jabri**, "Beneficial Use of Dune Sand and Slag Cement in Concrete", Final Report submitted to Petroleum Development of Oman (PDO), July 2002, Department of Civil and Architectural Engineering, Sultan Qaboos University, Oman.
  18. **Al-Jabri, K. S.**, Burgess, I. W., and Plank, R. J, “Postulation of the Elevated-Temperature Moment-Rotation Characteristics for the Connections within the Cardington Frame”, Research Report DCSE/00/F/1, Jan. 2000, Department of Civil and Structural Engineering, University of Sheffield, UK.
  19. **Al-Jabri, K. S.**, Burgess, I. W., and Plank, R. J, “The Performance of Frame Connections in Fire”, Research Report DCSE/99/F/4, April. 1999, Department of Civil and Structural Engineering, University of Sheffield, UK.
  20. **Al-Jabri, K. S.**, Burgess, I. W., and Plank, R. J, “Material and Geometrical Properties for Elevated-Temperature Beam-Column Connection Tests”, Research Report

- DCSE/98/F/5, Nov. 1998, Department of Civil and Structural Engineering, University of Sheffield, UK.
21. **Al-Jabri, K. S.**, Burgess, I. W., and Plank, R. J, “Behaviour of Steel and Composite Beam-to-Column Connections in Fire” Research Report DCSE/97/F/7 (two volumes), Nov. 1997, Department of Civil and Structural Engineering, University of Sheffield, UK.
  22. **Al-Jabri, K. S.**, Burgess, I. W., and Plank, R. J, “Developments in Research into the Behaviour of Bare-steel and Composite Beam-to-Column Connections and Ambient and Elevated Temperatures”, Research Report, May 1996, Department of Civil and Structural Engineering, University of Sheffield, UK.

#### ***i) OTHERS***

1. **Al-Jabri, K. S.**, “Basic Laboratory Safety”, Workshop on Basic Safety Training, 15 March 2011, SQU.
2. **Al-Jabri, K. S.**, “Basic Laboratory Safety”, Workshop on Basic Safety Training, 21 November 2010, SQU.
3. **Al-Jabri, K. S.**, “Basic Laboratory Safety”, Workshop on Basic Safety Training, 24 October 2010, SQU.
4. **Al-Jabri, K. S.**, “Basic Laboratory Safety”, Workshop on Basic Safety Training, 15 March 2010, SQU.
5. **Al-Jabri, K. S.**, “Basic Laboratory Safety”, Workshop on Basic Safety Training, 6 December 2009, SQU.
6. **Al-Jabri, K. S.**, “Basic Laboratory Safety”, Workshop on Basic Safety Training, 26 September 2009, SQU.
7. **Al-Jabri, K. S.**, “Basic Laboratory Safety”, Workshop on Basic Safety Training, SQU, 18 May 2009
8. **Al-Jabri, K. S.** “Hazardous Materials: Identification and Management”, Workshop on Safety, College of Engineering, SQU, 29<sup>th</sup> January 2009.
9. **Al-Jabri, K. S.**, “Scientific Research in the Sultanate of Oman: the Reality and the Ambitions” (in Arabic), Paper presented on behalf of SQU in a colloquium organised by Sultan Qaboos Center for Islamic Culture, 29 April 2008.
10. **Al-Jabri, K.S.**, and Al-Harthy, S. ”Scientific Research in the Sultanate of Oman and the Future Plans” (in Arabic), report submitted for 15<sup>th</sup> Meeting of Science and Technology Committee in GCC Countries, 9-10 September 2007, Riyadh, KSA.
11. **Al-Jabri, K. S.** “Hazardous Materials: Identification and Management”, College of Engineering HSE Workshop (HSEW2005), College of Engineering, SQU, 16<sup>th</sup>-18<sup>th</sup> January 2005.

#### ***j) CONFERENCE PARTICIPATION***

1. The International Conference on Environmentally Friendly Civil Engineering Construction and Materials, 13 – 14 November 2014 Manado, Indonesia.
2. 8<sup>th</sup> International Conference on Structures in Fire, June 11-13, 2014, Shanghai, China

3. XXXV Reduction of Earthquake Losses in the Extended Mediterranean Region (RELEMR) Meeting 2013, 28-31 October 2013, Malaga, Spain. **(invited)**
4. International Conference on Structural Fire Safety and Design, 2-3 July 2013, Islamabad, Pakistan. **(invited)**
5. Symposium and Exhibition for Quality Control Laboratories in Structural Projects, 21-13 April 2013, Riyadh, Saudi Arabia. **(invited)**
6. 2013 Architectural Engineering Institute (AEI) Conference, April 3-5, 2013, Pennsylvania, USA.
7. 8<sup>th</sup> Gulf Seismic Forum, 3-8 March 2013, Muscat, Oman.
8. World Congress in Engineering Education 2013, 7-9 January 2013, Doha Qatar.
9. fib Symposium STOCKHOLM 2012: Concrete Structures for Sustainable Community, 11-14 June 2012, Stockholm, Sweden.
10. ACI-KC 3rd International Conference and Exhibition, 8-10 May, 2012, Kuwait.
11. Regional Conference on Quality Management and Enhancement in Higher Education, 20-21 February 2012, Muscat, Oman
12. 7<sup>th</sup> Gulf Seismic Forum, 22-25 January 2012, Jeddah, Saudi Arabia
13. IOR-ARC Workshop on Cost Effective Housing Technology, 17-18 October 2011, Colombo, Sri Lanka
14. International Workshop on Fire Safety Engineering and Management (IWFSEM2011), March 7-9, 2011, Muscat, Oman
15. The Twelfth East Asia-Pacific Conference on Structural Engineering and Construction (EASEC-12), 24-26 January 2011, Hong Kong Special Administrative Region, China.
16. 13<sup>th</sup> International Conference on Computing in Civil and Building Engineering and the 17<sup>th</sup> International EG-ICE Workshop on Intelligent Computing in Engineering, 30 June-2 July, 2010, Nottingham, UK
17. Sixth International Conference on Structures in Fire (SiF'10), June 2-4, 2010, Michigan, USA.
18. The Third International fib Congress and PCI Annual Convention & Exhibition, May 29 – June 2, 2010, Washington D. C., USA
19. International Conference on Analysis and Applications (ICAA2010), 24-26 April, 2010, Muscat, Oman.
20. 1st International Conference on Recycling and Reuse of Materials (ICRM 2009), 17-19, July 2009, Kottayam, India.
21. 4<sup>th</sup> International Exergy, Energy and Environment Symposium (IEEEES-4), 19 – 23 April 2009, Sharjah, U.A.E
22. 5<sup>th</sup> International Symposium on Steel Structures, 12-14 March 2009, Seoul, South Korea. **(invited)**
23. Third International Conference on Modelling, Simulation and Applied Optimization (ICMSAO'09), January 20-22, 2009, Sharjah, United Arab Emirates.
24. MIF fellows meeting, 27-29 July, 2008, The Matsumae International Foundation, Tokyo, Japan
25. Japan Concrete Institute (JCI) Annual Convention, 9-11 July 2008, Fukuoka, Japan.
26. International Conference on Engineering Professional Ethics and Education (ICEPEE'08), 13 -15 May 2008, Kuala Lumpur, Malaysia

27. Conference on Numerical Modelling and Optimization, 6-8 April 2008, SQU, Muscat, Oman
28. International Conference on the strategy of Scientific Research in Oman, 21-22 October 2007, Oman
29. 6<sup>th</sup> International Conference on Steel and Aluminium Structures (ICSAS07), 24-27 July 2007, Oxford, UK
30. 8<sup>th</sup> Pacific Structural Steel Conference, 13-16 March 2007, Wairakei, New Zealand
31. 4<sup>th</sup> International Symposium on Steel Structures, 16-18 November 2006, Seoul, South Korea
32. 3<sup>rd</sup> International Conference on High Performance Structures and Materials (HPSM2006), 3-5 May 2006, Ostend, Belgium. **(invited)**
33. 3<sup>rd</sup> Gulf Conference on Road, 6-8 March 2006, Sultan Qaboos University, Oman
34. Regional Conference on Recent Trends in Maintenance Management, 2<sup>nd</sup> October 2005, Hotel Crown Plaza, Muscat, Oman
35. 2<sup>nd</sup> International Conference on Structural Engineering, Mechanics and Computation (SEMC 2004), 5-7 July 2004, Cape Town, South Africa.
36. 2<sup>nd</sup> International Conference on High Performance Structures and Materials (HPSM 2004), 31 May – 2 June 2004, Ancona, Italy.
37. 1<sup>st</sup> National Conference on Design and Construction Practices in Hot and Arid Regions (DCPHAR), Caledonian College of Engineering, 22 March 2004.
38. 9<sup>th</sup> Arab Structural Engineering Conference (9ASEC), Nov. 29-Dec. 1, 2003, Abu Dhabi, UAE.
39. International Conference on Advances in Structures (ASSCCA'03), 22-25 June 2003, Sydney, Australia.
40. 3<sup>rd</sup> European Conference on Steel Structures (eurosteel 2002), 19-20 September 2002, Coimbra, Portugal.
41. First International Conference on High Performance Structures and Composites (HPSM2002), March 2002, Seville, Spain.
42. Symposium on the Vocational Training in GCC Countries, November, 2001.
43. The Fifth Gulf Engineering Symposium: Gulf Engineer and Future Prospects, 18-20 February 2001, Muscat, Oman.
44. International Conference on Steel Structures of the 2000's, 11-13 September 2000, Istanbul, Turkey.
45. Second European Conference on Steel Structures, 26-29 May 1999, Prague, Czech Republic.
46. Second World Conference on Steel in Construction, 11-13 May 1998, San Sebastian, Spain.
47. March 1996 – Sept. 1999, Steel In Fire Forum (STIFF): bi-annual informal meetings discuss the recent developments in fire engineering field. In the meetings several presentations were delivered.
48. Eleventh World Conference in Earthquake Engineering, Acapulco, Mexico, June 23-28, 1996.
49. Conference on the Transfer of Technology to Local Industries, Oman, March, 1992.

***k) RESEARCH VISIT/ FELLOWSHIP/ SHORT COURSE/ TRAINING COURSE/ WORKSHOP ATTENDANCE***

1. Seismic Hazard Assessment for Oman, 22 February 2015, SQU, Oman
2. Training Course in Conflict Management, 13-14 April 2013, Muscat, Oman
3. Workshop conducted by Springer and Edanz in How to Publish a Scientific Journal Article, 23th February 2013, Muscat, Oman.
4. Training Course in Tsunami Modelling, 19-23 January 2013, Muscat, Oman
5. Ethics In Engineering Education Course, 7 January 2013, Doha, Qatar
6. Career Development for Engineering Leaders, Course, 7 January 2013, Doha, Qatar.
7. Training Workshop on Technopreneurship for South Countries”, 2-6 December 2012, Khartoum, Sudan.
8. Research visit, Earth, Atmospheric and Planetary Sciences Department, Massachusetts Institute of Technology (MIT), USA, 25 – 29 June 2012.
9. Invited Researcher, GEM North Africa 2<sup>nd</sup> Workshop, 3-4 May 2012, Tunis.
10. Situational Leadership Training Program, 10-11 March 2012, SQU, Oman
11. ABET Program Assessment Workshop, 14-15 February 2012, SQU, Oman.
12. Research visit, Kandilli Observatory and Earthquake Research Institute, Bagazici University, Istanbul, Turkey, 25-29 July 2011.
13. Invited Visiting Professor, Yahia Faris University, Al-Medea, Al-geria, 7-11 May 2011.
14. Strategies of Effective Communication, 30 April- 3 May, 2011, SQU, Oman
15. Workshop on Waste Management in Sohar Industrial Port, 20 September 2010, Sohar, Oman.
16. Continuous Improvements with KAIZEN, 23 – 24 May 2010, SQU. Oman.
17. Herrmann Brain Dominance Instrument (HBDI) Program, 14 March 2010, SQU, Oman
18. Knowledge Management, Short Course, 6-9 March 2010, SQU, Oman
19. Optical Communications and Sensing Workshop, 17 January 2010, SQU, Oman.
20. NEBOSH International General Certificate Course, 8-22 November 2009, Dubai, UAE
21. Seismic Hazard Assessment and Site Effects, Short Course, 31 January – 4 February, 2009, Earthquake Monitoring Centre, Sultan Qaboos University, Oman
22. Workshop on Safety, 26 January 2009, College of Engineering, Sultan Qaboos University, Oman
23. Becoming an Effective Supervisor Workshop, 24-25 January 2009, Sultan Qaboos University, Oman
24. Research Fellowship, The Matsumae International Foundation, Japan, June-August, 2008
25. Visiting Professor, Department of Civil Engineering, Tohoku University, Japan, June-August, 2008
26. Seminar on Intelligent and Sustainable Buildings, organised by Directorate General of Specifications, Ministry of Commerce and Industry, 22 October 2008, Muscat, Oman.
27. S & T Training Course for Researchers in OIC Countries, 27/08-7/09, 2007, Science Academy of Malaysia, Kuala Lumpur, Malaysia
28. Seminar on Strategic Planning in Universities, 26 February 2007, Sultan Qaboos University



29. 2-months Course on Teaching online course, 17-09-2005 to 24-11-2005, Centre of Educational Technology, Sultan Qaboos University, Oman
30. Seminar on "Health Impact Assessment (HIA) Capacity-Building in Oman", Ministry of Health and WHO, Radisson SAS, 2<sup>nd</sup> May 2005.
31. College of Engineering HSE Workshop (HSEW2005), College of Engineering, 16<sup>th</sup>-18<sup>th</sup> January 2005.
32. Seminar on "Elkem Microsilica for Durable and High Strength Concrete", Organised by Elkem Materials and Arabian Trading Est. and Sultan Qaboos University, Sultan Qaboos University, 9 May 2004.
33. CAE Strategic Plan Workshop, Department of Civil and Architectural Engineering, Al-Sawadi Beach Hotel, 8 April 2004.
34. Short Course on Occupational Safety and Health in the Workplace, 24-26 May, 2003.
35. Workshop on Electrical Safety, College of Engineering, SQU, 6, April 2003.
36. Design of Earth Retaining Structures to BS 8002, 15 Sept. 1999, University of Bradford, UK.
37. Fire Engineering Design of Steel Structures (Master Level Module), 2 – 4 March 1998, The University of Sheffield, UK

## **I) PRESENTATIONS**

1. Recycling of Industrial by-products in the Construction Field in Oman – An Overview The International Conference on Environmentally Friendly Civil Engineering Construction and Materials, 13 – 14 November 2014 Manado, Indonesia.
2. Technology Transfer Through Education, The Arabian Gulf University, Bahrain, 22 October 2014.
3. 3D Finite Element Modelling of Beam-Column Flexible End-plate Composite Connections at Elevated Temperatures”, 8<sup>th</sup> International Conference on Structures in Fire, June 11-13, 2014, Shanghai, China,
4. Design of Structures for Fire Safety (**Keynote Presentation**), International Conference on Structural Fire Safety and Design, 2 July 2013, Islamabad, Pakistan
5. خصائص الخرسانة المصنوعة من ركام محلي عند درجات الحرارة العالية ندوة ومعرض مختبرات الجودة في المشروعات الإنشائية 23 أبريل 2013 م، الرياض، المملكة العربية السعودية
6. Effect of Spent Catalyst as a Fine Aggregate on the Properties of Concrete, The 2013 Architectural Engineering Institute (AEI) Conference, 4 April, 2013, Pennsylvania, USA
7. Research in the Sultanate of Oman, Current Status and Future Strategies, University of Sudan for Science and Technology, 6 December 2012., Khartoum, Sudan (**invited Presentation**).
8. Performance of Concrete Made with Spent Catalyst as Cement Replacement. fib Symposium STOCKHOLM 2012: Concrete Structures for Sustainable Community, 12 June 2012, Stockholm, Sweden.
9. Use of Spent Catalyst as an Additive Cementitious Material in Concrete and Masonry blocks”. ACI-KC 3rd International Conference and Exhibition, 9 May, 2012, Kuwait.

10. Effects of Elevated Temperatures on Properties of Concrete Made with Local Aggregates, ACI-KC 3rd International Conference and Exhibition, 8 May, 2012, Kuwait.
11. Behaviour of Materials and Building in Fire, National Laboratory for Construction Materials, 10 May 2011, Al-geria (*invited Presentation*).
12. Development of Concrete Blocks for Thermal Insulation in Hot Climate, National Laboratory for Construction Materials, 10 May 2011, Al-geria (*invited Presentation*).
13. Behaviour of Materials and Building in Fire, Department of Engineering and Technology, 9 May 2011, Yahia Faris University, Al-geria (*invited Presentation*).
14. Development of Concrete Blocks for Thermal Insulation in Hot Climate, Department of Engineering and Technology, 8 May 2011, Yahia Faris University, Al-geria (*invited Presentation*).
15. Basic Laboratory Safety, Workshop on Basic Safety Training, 15 March 2011, SQU, Oman.
16. Effect of Using Wastewater on the Properties of High Strength Concrete, Session CT1: Concrete Technology 1, The Twelfth East Asia-Pacific Conference on Structural Engineering and Construction (EASEC-12), 26 January 2011, Hong Kong, China.
17. Sustainable Materials and Buildings for the Sustainable Development (**Invited Presentation**), 2 January 2011, Oman Gas Company, Oman.
18. Basic Laboratory Safety, Workshop on Basic Safety Training, 21 November 2010, SQU, Oman.
19. Basic Laboratory Safety, Workshop on Basic Safety Training, 24 October 2010, SQU, Oman.
20. Materials Recycling Opportunities for the Construction Industry in Oman, Workshop on waste management in Sohar Industrial Port, 20 September 2010, Sohar, Oman.
21. A New Formulation for Rotation of Bare-steel Joints at Elevated Temperatures Using Genetic Programming, Session: Evolutionary and Adaptive 2, International Conference on Computing in Civil and Building Engineering, 2 July, Nottingham, UK.
22. Effect of Using Non-Fresh Water on the Mechanical Properties of Cement Mortars and Concrete, Session: MAT3:Concrete Materials, The Third International fib Congress and PCI Annual Convention & Exhibition, May 31, 2010, Washington D. C., USA.
23. An Overview of Postgraduate Studies and Research in the College of Engineering, University Day, 2 May 2010, Muscat, Oman.
24. College of Engineering Strategic Plan 2009-2013, College of Engineering Retreat Day: Postgraduate Studies and Research, 25 March 2010, Muscat, Oman.
25. Basic Laboratory Safety, Workshop on Basic Safety Training, 15 March 2010, SQU, Oman.
26. Modelling of bare-steel joints at elevated temperatures using genetic programming, International Conference on Analysis and Applications (ICAA2010), 24-26 April, 2010, Muscat, Oman.
27. Use of Optical Sensing in Structures and Civil Infrastructure, Optical Communications and Sensing Workshop, 17 January 2009, SQU, Oman.
28. Steel Structures, **invited presentation**, Muscat Higher College of Technology, 8<sup>th</sup> December 2009, Oman.

29. Basic Laboratory Safety, Workshop on Basic Safety Training, 6 December 2009, SQU, Oman.
30. Basic Laboratory Safety, Workshop on Basic Safety Training, 26 September 2009, SQU, Oman.
31. Recycling of Copper Slag as a Construction Material”, 1st International Conference on Recycling and Reuse of Materials (ICRM 2009), 19 July, 2009, Kottayam, India
32. Basic Laboratory Safety, Workshop on Basic Safety Training, 18 May 2009, SQU.
33. A Feasibility Study to Use Solar Cooling System in one of the Typical Schools in Sultanate of Oman”, 4th International Exergy, Energy and Environment Symposium (IEEES-4), 22 April 2009, Sharjah, U.A.E
34. AN ANN Model for Predicting the Behaviour of Semi-rigid Composite Joints at Elevated Temperature”, 5<sup>th</sup> International Symposium on Steel Structures; 12th March 2009, Seoul, South Korea.
35. Hazardous Materials: Identification and Management”, Workshop on Safety, 29<sup>th</sup> January 2009, College of Engineering, SQU,.Oman
36. Analysis of Semi-rigid Joints in Fire using Different Numerical Modelling Methods, Third International Conference on Modeling, Simulation and Applied Optimization (ICMSAO’09), January 20-22, 2009, Sharjah, United Arab Emirates.
37. Postgraduate Studies and Scientific Research in the College of Engineering: Opportunities and Challenges, College of Engineering Retreat Day, 21 November 2008, Al-Nadha Resort, Barka, Oman
38. Sustainable Materials and Buildings for the Sustainable Development (**Invited Presentation**), Seminar on Intelligent and Sustainable Buildings, Directorate General of Specifications and Standards, Ministry of Commerce and Industry, 22 October 2008, Muscat, Oman.
39. MIF fellows presentation, Tokyo meeting, 28 July 2008, The Matsumae International Foundation, Tokyo, Japan
40. Higher Education and Scientific Research in the Sultanate of Oman: the Present Situation and the Future Strategies, International Conference on Engineering Professional Ethics and Education (ICEPEE’08), 13 -15 May 2008, Kuala Lumpur, Malaysia
41. Postgraduate Studies and Scientific Research in the College of Engineering: an Overview; College of Engineering Celebration in the Open Day, 3 May 2008, SQU, Oman
42. Scientific Research in the Sultanate of Oman: the Reality and the Ambitions (**Invited Presentation**), Sultan Qaboos Center for Islamic Culture, 29 April 2008.
43. Numerical Modelling of the Behaviour of Semi-rigid Joints in Fire”, Conference on Numerical Analysis and Optimization, 8 April 2008, Sultan Qaboos University, Oman
44. Scientific Research in the Sultanate of Oman and the Future Plans” (in Arabic), 15<sup>th</sup> Meeting of Science and Technology Committee in GCC Countries, 9-10 September 2007, Riyadh, KSA
45. S & T Research Profile in Oman, S & T Training Course for Researchers in OIC Countries, 27/08-7/09, 2007, Science Academy of Malaysia, Kuala Lumpur, Malaysia

46. Modelling the Moment-Rotation-Temperature Response of Flexible End-plate Composite Joints Using Artificial Neural Networks , 6<sup>th</sup> International Conference on Steel and Aluminium Structures (ICSAS07), 24-27 July 2007, Oxford, UK
47. Behaviour of Buildings in Fire (**invited Presentation**), Open Day, Fire Safety Engineering College, 3<sup>rd</sup> April 2007
48. An Artificial Network Model For Predicting the Behaviour of Semi-rigid Joints in Fire, Pacific Structural Steel Conference 2007, Steel Structures in Natural Hazards, 13-16 March 2007, Wairakei, New Zealand,
49. An Overview of the Behaviour of Steel-framed Composite Buildings in Fire, 4<sup>th</sup> International Symposium on Steel Structures, (**invited presentation**) 16-18 November 2006, Seoul, South Korea.
50. An Artificial Network Model For Predicting the Moment-rotation Response of Flush End-plate Bare-steel Joints in Fire (**invited presentation**), 4<sup>th</sup> International Symposium on Steel Structures, 16-18 November 2006, Seoul, South Korea.
51. Copper slag as fine aggregate for high performance concrete, 3<sup>rd</sup> International Conference on High Performance Structures and Materials (HPSM2006), (**invited presentation**) 3-5 May 2006, Ostend, Belgium.
52. Collapse of Buildings: Causes and Methods of Prevention, 1<sup>st</sup> February 2006, Marmoul Camp., PDO, Oman
53. Causes of Deterioration and Collapse of Buildings (in Arabic), 12 December 2005, Cultural Club, Muscat, Oman
54. Health and Safety: the way to a safe life, lecture presented to final year students in the Department of Electrical and Computer Engineering, ECCE 4080 seminars and fieldwork course, 19 March 2005.
55. Hazardous Materials: Identification and Management, College of Engineering HSE Workshop 2005 (HSEW05), 16<sup>th</sup>-18<sup>th</sup> January 2005, College of Engineering, SQU.
56. 3-D Finite Element Modelling of Flush End-plate Bare-steel Connections at Elevated Temperatures, 2<sup>nd</sup> International Conference on Structural Engineering, Mechanics and Computation (SEMC 2004), 5-7 July 2004, Cape Town, South Africa
57. Numerical Modelling of Beam-to-Column Connections at Elevated Temperature”, (**invited presentation**), 2<sup>nd</sup> International Conference on High Performance Structures and Materials (HPSM 2004), 31 May – 2 June 2004, Ancona, Italy.
58. "Steel Structures: The Right Choice for the Industry", lecture presented for third year Drawing II Students, Department of Civil and Architectural Engineering, March 2004.
59. "Development of Concrete Blocks for Thermal Insulation in Hot Climate: Why and How?", (**invited presentation**), 1<sup>st</sup> National Conference on Design and Construction Practices in Hot and Arid Regions(DCPHAR), Caledonian College of Engineering, 22 March 2004.
60. Towards a Rational Approach to the Design of Steel-Framed Buildings in Fire, 9<sup>th</sup> Arab Structural Engineering Conference, Nov. 29 – Dec. 1, 2003, Abu Dhabi, UAE.
61. Numerical Modelling of the Behaviour of Bare-Steel and Composite Flexible End-plate Connections at Elevated Temperatures, International Conference on Advances in Structures (ASSCCA'03), Sydney, Australia, 22-25 June 2003.
62. Prediction of the Degradation of Connection Characteristics at Elevated Temperature”, 7<sup>th</sup> May 2003, Caledonian College of Engineering, Al-Hail, Oman.

63. "Prediction of the Degradation of Connection Characteristics at Elevated Temperature", 2<sup>nd</sup> October 2002, Department of Civil and Architectural Engineering, Sultan Qaboos University, Oman
64. "Prediction of the Degradation of Connection Characteristics at Elevated Temperature", 3<sup>rd</sup> European Conference on Steel Structures (eurosteel 2002), 19-20 September 2002, Coimbra, Portugal.
65. "Numerical Modelling of the Behaviour of Flush End-plate Connections at Elevated Temperatures", First International Conference on High Performance of Structures and Composites (HPSC 2002), 11-13 March 2002, Seville, Spain.
66. "Recent Developments in the Behaviour of Steel and Composite Connections in Fire", International Conference on Steel Structures of the 2000's, 11-13 September 2000, Istanbul, Turkey.
67. "The Performance of Frame Connections in Fire", 2<sup>nd</sup> European Conference on Steel Structures (eurosteel'99), 26-29 May 1999, Prague, Czech Republic.
68. "Behaviour of Steel and Composite Beam-Column Connections in Fire", Second World Conference on Steel in Construction, 11-13 May 1998, San Sebastian, Spain.
69. "Developments in the Behaviour of Connections at Elevated Temperature", Sheffield University, Feb. 1998.
70. "Behaviour of Steel and Composite Beam-to-Column Connections in Fire", Steel in Fire Forum (STIFF), University of Manchester, Sept. 1997.

#### **m) POSTERS**

1. **Al-Jabri, K. S.**, Potential Use of Industrial By-Products as A Construction Material, College of Engineering – National Innovation Centre Exhibition, 22 April 2014, Rusail Industrial Estate, Oman.
2. **Al-Jabri, K.**, and Al-Jahwari, F., "Finite Element Analyses of Flexible End-plate Connections between Steel Beams and Columns at Elevated Temperatures, Sixth International Conference on Structures in Fire (SiF'10), June 2-4, 2010, Michigan, USA,
3. **Al-Jabri, K.**, and Tasneem, P., "An Overview of Research Profile in the College of Engineering", 10<sup>th</sup> SQU Day, May 2, 2010, SQU, Oman
4. Research Project in the College of Engineering, 9<sup>th</sup> SQU Day, 2<sup>nd</sup> May 2009, SQU, Oman.
5. An overview of postgraduate studies and research in the college of Engineering, 9<sup>th</sup> SQU Day, 2<sup>nd</sup> May 2009
6. Component Model for Flexible End-plate Connections in Fire, 4<sup>th</sup> SQU Day, 1<sup>st</sup> May 2005.
7. 3-D Finite Element Modelling of Flush End-plate Connection in Fire, 4<sup>th</sup> SQU Day, 1<sup>st</sup> May 2005.
8. Use of Dune Sand in Concrete Mixes, 2<sup>nd</sup> SQU Day, April 2002.
9. Development of Lightweight Concrete Blocks for Thermal Insulation, 2<sup>nd</sup> SQU Day, April 2002.
10. Use of Copper Slag and Cement By-Pass Dust as Cementitious Materials, 2<sup>nd</sup> SQU Day, April 2002.

11. Worldwide Development of Friction Seismic Isolation scheme for Masonry Buildings, Eleventh World Conference in Earthquake Engineering, Acapulco, Mexico, June 23-28, 1996.

## **n) FUNDING**

### **Grants and Contracts**

No	Title of the Project	Agency	Research Team	S Date	C Date	Amount USD (RO)
1.	Development of a New Soil-Cement Block using Produced water from PDO Oil Fields (CR/ENG/CIVL/14/09)	PDO	Khalifa Al-Jabri (PI) J. Dutta A.W. Hago	2014	18 months	120,200 (US\$312520)
2.	Investigation of Water Leak in Basement Floor of Ibri Courts Complex (CR/ENG/CIVL/14/10)	The Council of Administrative Affairs for the Judiciary Appealing Courts	Khalifa Al-Jabri (PI) A.W. Hago Yahia Zain	2014	5 Months	20,000 (US\$52,000))
3.	Study of Cracks in Mass Concrete in Bridge Foundation of Bidbid-Sur Road Section (CR/ENG/CIVL/14/01)	ASTALDI -OZKAR JV Company	Khalifa Al-Jabri (PI) A.W. Hago Yahia Zain Hossam Hassan	2014	2 weeks	4,760 (US\$12,376)
4.	Geophysical and Geological Surveys at Area B and C at Port of Duqm (CR/DVC/EMC/14/01)	SEZAD	Issa El-Hussain (PI) Ahmed Deif Khalifa Al-Jabri And others	2014	4 months	123,145 (US\$320,177)
5.	Geophysical and Geological Surveys at Area A at Port of Duqm (CR/DVC/EMC/13/04)	SEZAD	Issa El-Hussain (PI) Ahmed Deif Khalifa Al-Jabri And others	2013	3 months	72,948 (US\$189,665)
6.	Tsunami Hazard and Risk Assessment at OLNG Plant in Ghailala (CR/DVC/EMC/13/01)	OLNG	Issa El-Hussain (PI) Ahmed Deif Khalifa Al-Jabri And others	2013	8 months	90,000 (US\$234,000)
7.	Seismic Surveys at Port of Duqm Sabkha Area (CR/DVC/EMC/13/01)	Port of Duqm Company	Issa El-Hussain (PI) Ahmed Deif Khalifa Al-Jabri And others	2013	2 months	RO 35000 (US\$ 91,000)
8.	Deterministic Seismic Hazard Assessment for Site 6 at Yibal Oil Field	PDO External	Issa El-Hussain (PI) Ahmed Deif Khalifa Al-Jabri And others	April 2012	June 2012	RO 15,940 (US\$41,400)
9.	ECO-House Project	TRC External	Awni Shabaan (PI) Ali Al-Harthy Khalifa Al-Jabri, and Others	2010	2013	RO 120,000 (US\$ 300, 000)
10.	Effect of Local Aggregates on the	SQU	Khalifa Al-Jabri (PI)	01/10	01/12	RO 8,208

	Properties of Concrete at Elevated Temperatures (IG/ENG/CAED/10/01)	Internal	Prof. Ramzi Taha Abdullah Al-Saidy			(US \$21,264)
11.	Synthesis of Nano-Particles from Cement Kiln Dust and Copper Slag for Use in Cement (IG/ENG/CAED/10/02)	SQU Internal	Prof. Ramzi Taha (PI) Khalifa Al-Jabri Abdullah Al-Saidy	01/10	01/12	RO 9,121 (US \$23,630)
12.	Beneficial Applications of Spent Catalysts and Charcoal Generated by Mina Al-Fahl and Sohar Refineries (CR/ENG/Civil/09/01)	Oman Refineries and Petrochemicals Company LLC	Prof. Ramzi Taha (PI) Khalifa Al-Jabri Khalid Al-Shamsi Ahmed Al-Futaisi Mahad Baawain	09/09	09/11	RO 110,400 (US \$286,010)
13.	Seismic Risk Assessment in Oman (AS/DVC/EMC/09/01)	Ministry of Finance External	Issa El-Hussain (PI) Khalifa Al-Jabri (Co-PI) And others	08/09	08/11	RO 400,000 (US \$1,036,000)
14.	Use of Car Washing Wastewater in Concrete	SQU Internal	Khalifa Al-Jabri (PI) Abdullah Al-Saidy Ramzi Taha Salem Al-Oraimi	01/08	12/10	5,785 RO (\$ 14,988 USD)
15.	A Feasibility Study to Use Solar Hot Water Systems in One of the Government referral Hospitals	SQU Internal	Khalifa Al-Jabri (P.I) Ali Al-alawi, (PDO) M. Ramaswamy, (M. of Health)	01/08	12/09	RO 4631 (US \$12,000)
16.	Noise Measurements in Muscat	SQU Internal	Issa Al-Harthy (P.I.) Khalifa Al-Jabri	01/07	12/09	RO 6,300 (US \$16,300)
17.	Investigation of the behaviour of beams encased in Ferrocement panels	SQU Internal	Ali Al-Nuaimi (P.I.) Khalifa Al-Jabri (Co. PI) A. W. Hago Abdulla Al-Saidy	01/06	12/08	RO 10,000 (US \$25,000)
18.	3-D finite element modelling of beam-to-column connections at elevated temperatures	SQU Internal	Khalifa Al-Jabri (P.I.) A. Seibi Ali Al-Nuaimi Abdullah Al-Saidy	01/05	12/07	RO 5,500 (US \$13,750)
19.	Rehabilitation of concrete flexural members in Oman using fibre reinforced polymers	SQU Internal	Abdullah Al-Saidy (P.I.) Khalifa Al-Jabri Ali Al-Harthy M. Abdulhalim Salem AlRasvi	01/04	12/06	RO 6,240 (US \$15,600)
20.	Use of Palm fibres in Civil Engineering Construction	SQU Internal	Ramzi Taha (P.I.) Khalifa Al-Jabri Hossam F. Hassan Mohammed Al-Aghbari	01/04	12/05	RO 7,380 (US \$18,450)
21.	Development of lightweight concrete blocks using natural materials available in Oman	SQU Internal	Khalifa Al-Jabri (P.I.) A. W. Hago Ali Al-Nuaimi Abdullah Al-Saidy	01/03	12/05	RO 4,118 (US \$10,295)
22.	Design of prestressed concrete beams using direct design method	SQU Internal	Ali Al-Nuaimi (P.I.) Khalifa Al-Jabri A. W. Hago Abdullah Al-Saidy	01/02	12/04	RO 10,000 (US \$25,000)
23.	Beneficial use of dune sand and slag-cement in concrete	PDO External	Ali Al-Harthy (P.I.) Ramzi Taha	01/02	12/02	RO 10,000 (US \$25,000)

			Mohammed Abdulhalim Khalifa Al-Jabri			
24.	Use of Oman's copper slag as cementitious materials	SQU Internal	Khalifa Al-Jabri (P.I.) Ramzi Taha	01/01	12/02	3,625 RO (US \$9,063)
25.	Development of lightweight concrete blocks with emphasis on thermal insulation	SQU Internal	A. W. Hago (P.I.) Khalifa Al-Jabri M. Qamaruddin Ali Al-Harthy	01/99	12/03	RO 2000 (US \$ 5,000)
<b>Total</b>						

#### ***o) RESEARCH IMPACT AND SIGNIFICANCE***

- No. of Scopus citations = 523 Citations in 382 documents
- h-index in Scopus = 15
- No. of Google Scholar citations = 850
- h-index in Google Scholar = 18
- i10-index in Google Scholar = 23  
(Data accessed: 11 March 2015)
  
- My paper “Moment-Rotation-Temperature Curves for Semi-Rigid Joints” is among one of the top 10 cited papers in the Journal of Constructional Steel Research (2005-2010).
- My paper “Modelling of unstiffened flush end-plate bolted connections in fire” is among one of the top 10 cited papers in the Journal of Constructional Steel Research since 1<sup>st</sup> January 2010 to 2012.
- My paper “Performance of beam-to-column joints in fire-A review” is among one of the most cited articles in the Fire Safety Journal in 2012.