

CERRICULUM VITAE

Khalil Abdelrazek Khalil



PERSONAL INFORMATION

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| NAME: | | Khalil Abdelrazek Khalil Abdelmawgoud |
| DATE OF BIRTH: | | 19 th of Nov., 1967 |
| MARTIAL STATUS: | | Married with 5 children |
| NATIONALITY: | | Egyptian |
| POSITION: | Current | Assistant Dean for Research and Graduate Studies, Coordinator of the PhD in Engineering Management Program, College of Engineering, University of Sharjah, Sharjah, United Arab Emirates. |
| | Permanent | Professor of Material Engineering. Faculty of Energy Engineering, Aswan University, Aswan, Egypt. |
| PLACE OF WORK: | | Mechanical Engineering Department, College of Engineering, University of Sharjah, Sharjah, United Arab Emirates. |
| CONTACTS | C. P | 009715544452862 Tel: +971-06-5052610 |
| | Fax | +971 06 5585191 |
| E-MAIL | | kabdelmawgoud@sharjah.ac.ae khalil305@hotmail.com |
| LANGUAGES | | English (very good), Arabic (native) and Chinese |
| COMPUTER SKILLS | | Microsoft office (Word, Excel, PowerPoint), MATLAB, AutoCAD. |
| <ul style="list-style-type: none"> • (Web of Science) Researcher-ID: C-2656-2012 Scopus Author ID: 15837115300 • (Web of Science) ORC-ID: http://orcid.org/0000-0001-7965-5779 • Google Scholar ID: http://scholar.google.com/citations?user=jtatHAKAAAAJ&hl=en&oi=ao | | |

Website:

<http://fac.ksu.edu.sa/kabdelmawgoud/home>**EMPLOYMENT BACKGROUND****ACADEMIC EXPERIENCES**

| Position | Institution | Period | |
|-------------------------|---|-----------|-----------|
| | | From | To |
| Assistant Dean | Assistant Dean for Research and Graduate Studies, Coordinator of the PhD in Engineering Management Program, College of Engineering, University of Sharjah, Sharjah, United Arab Emirates. | 1-9-2018 | Up to Now |
| Professor and Chair | Chairperson, Mechanical Engineering Department, College of Engineering, University of Sharjah, Sharjah, United Arab Emirates. | 1-9-2016 | 31-8-2018 |
| Professor | Mechanical Engineering Department, College of Engineering, King Saud University, Riyadh, Saudi Arabia | 1-6-2014 | 31-8-2016 |
| Associate professor | Mechanical Engineering Department, College of Engineering, King Saud University, Riyadh, Saudi Arabia | 21-8-2010 | 1-6-2014 |
| Assistant professor | Mechanical Engineering Department, College of Engineering, King Saud University, Riyadh, Saudi Arabia | 4-11-2008 | 20-8-2010 |
| Professor | Material Engineering and Mechanical Design Dept., Faculty Of Energy Engineering, Aswan University, Aswan, Egypt | 1-11-2013 | Up to Now |
| Associate professor | Material Engineering and Mechanical Design Dept., Faculty Of Energy Engineering, Aswan University, Aswan, Egypt | 23-5-2008 | 3-11-2008 |
| Assistant professor | Material Engineering and Mechanical Design Dept., Aswan High Institute of Energy, Aswan, Egypt | 1-9-2007 | 22-5-2008 |
| Research professor | School of Advanced Materials Engineering, College of Engineering, Chonbuk National University, Jeonju 561-756, South Korea. | 1-9-2005 | 31-8-2007 |
| Postdoctoral fellow | School of Advanced Materials Engineering, College of Engineering, Chonbuk National University, Jeonju 561-756, South Korea | 1-9-2004 | 31-8-2005 |
| Lecturer and Researcher | Material Engineering and Mechanical Design Dept., Aswan High Institute of Energy, Aswan, Egypt | 28-8-2002 | 31-8-2004 |
| Ph. D Student | A Member of China Scholarship Council, Ph. D. Degree Student in the Powder Metallurgy Institute, Central South University, P. R. China | 1-9-1998 | 27-8-2002 |
| Assistant | Material Engineering and Mechanical Design Dept., Aswan High | 19-1- | 31-8- |

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|--------------|---|---------------|---------------|
| Lecturer | Institute of Energy, Aswan, Egypt | 1997 | 1998 |
| Demonstrator | Material Engineering and Mechanical Design Dept., Aswan High Institute of Energy, Aswan, Egypt | 12-7- 1995 | 19-1- 1997 |

INDUSTRIAL EXPERIENCES

| | | | |
|---|--|--------|--------|
| Planning and follow-up Engineer | Planning and Follow up Dept., Project Affairs, Sugar and Integrated Industries Company | 5/1994 | 7/1995 |
| Workshop Engineer | Sugar and Integrated Industries Company, Gurja Factory, Gurja, Sohaj, Egypt | 7/1993 | 5/1994 |
| Maintenance and Repair Officer Engineer | Egyptian Army | 1/1991 | 7/1993 |

ACADEMIC QUALIFICATION

| Degree and Major Field | Institution | Period | |
|---|---|----------|-----------|
| | | From | To |
| Postdoctoral fellow | School of Advanced Materials Engineering, College of Engineering, Chonbuk National University, Jeonju 561-756, South Korea. | 1-9-2004 | 31-8-2005 |
| Ph. D. Degree in Material Science and Engineering | Powder Metallurgy Institute, Central South University, Changsha, P. R China <i>Thesis title "Factors affecting shape retention during debinding and sintering of injection molded 17-4 ph stainless steel compacts"</i> | 1-9-1998 | 27-8-2002 |
| M. Sc. Mechanical Engineering | Mechanical Design and Production Dept., Faculty of Engineering, Minia Univ., Minia, Egypt. <i>Thesis title "Effect of processing parameters on the mechanical properties of dispersion strengthening Al powder compacts"</i> | 1-7-1993 | 30-7-1996 |
| B. Sc. (Very Good Degree) | Mechanical Design and Production Dept., Faculty of Engineering, Minia Univ., Minia, Egypt | 1985 | 1990 |

ADMINISTRATIVE ACTIVITIES

- Chairperson
- Training coordinator
- Program coordinator
- Supervisor of students' organization or societies
- Task forces at the level of College / University / or Country, etc.
- Others (Specify)

| No. | Activity | Duties | Date | |
|-----|---|---|---------|-----|
| | | | From | To |
| 1 | Chair of the Mechanical Engineering department council, UOS | Leading the discussions to improve the curriculum, assessment of courses, student grades, student projects, and | 09-2016 | Now |

| No. | Activity | Duties | Date | |
|-----|--|--|-----------|-----|
| | | | From | To |
| | | other student and faculty matters. Reviewing, discussing, taking decisions related to ME Program issues. During tenure as department chairman, re-created the department's MSc in Aerospace Engineering and maintained this program until accreditation. | | |
| 2 | A member of College of Engineering Council, UOS | Participated in discussions to improve decisions in department/college levels. Participated in discussions to help in selecting new faculty members in other departments of the college. | 09-2016 | Now |
| 3 | Member of PhD in Engineering Management Committee College of Engineering, UOS | Approval of the supervision request, PhD Courses Load, PhD Seminar course registration and process, Student admission | 09-2016 | Now |
| 4 | Member of College Academic Promotions Committee for Associate professor, UOS | Review promotion applications from the various college departments to determine the extent to which candidates meet the requirements for promotion. | 09-2016 | Now |
| 5 | Member of College of Engineering Faculty promotion sub-committee for full professor, UOS | Prepare a detailed report containing results from the review of applications and the recommendations on whether or not to proceed with the promotion process. | 09-2016 | Now |
| 6 | A member of the advisory board for Institute of Science and Engineering (ISE), UOS | | 09-2016 | Now |
| 7 | Coordinator for Aerospace Engineering MSc Program, Chair of the initial accreditation for Aerospace Engineering. UOS | Prepare the CAA initial report. Revising and Finalizing the initial accreditation report for a degree of master of science in Aerospace Engineering | 01-9-2016 | Now |
| 8 | Chair and Member of the ME Program Curriculum Development Committee, UOS | Reviewing and updating the ME Program curriculum and course syllabi | 01-9-2016 | Now |
| 9 | Head of the Mechanical Engineering team to prepare for ABET accreditation visit, UOS | Personally developed and prepared the department's self-study documents, the statistical analysis for student data and program continuous evaluation and improvement efforts, and the full documentation needed for the accreditation committee visits. Set the standards and monitored the preparation of course files in preparation for the committee visits. Plan, follow and liaise with ME faculty members regarding the ABET accreditation visit. | 01-9-2016 | Now |

| No. | Activity | Duties | Date | |
|-----|---|--|-----------------|------------|
| | | | From | To |
| 10 | Chair and Member of the ad hoc Committee preparing the CAA accreditation self-study report, UOS | Revising and finalizing the reports. Continuously serving as the department's accreditation (and continuous program improvement) coordinator since 2016. | 01-9-2016 | Now |
| 11 | MSc in Aerospace Engineering Program, UOS | Chair of an ad hoc committee identifying suitable equipment to be purchased for the new MS in Aerospace Engineering Program | Fall 2016/2017 | |
| 12 | Hiring faculty for the Aerospace Engineering Program, UOS | Chair of the Faculty members Search Committee: short listing and interviewing candidates. | Fall 2016 | |
| 13 | Course assessment | Prepared the assessment for the many courses | | |
| 14 | Advisory Board Meeting, UOS | Organize and participated as a Chair of the ME department in the 3 rd meeting with the Energy and Mechanical Engineering Advisory Board (EMEAB) | 8 Feb. 2017 | |
| 15 | Attended ABET Exit Meeting as a head of ME department, UOS | ME representative | 22 Nov 2016 | |
| 16 | Attended CAA Exit Meeting ERT for Aerospace MSC program as a head of ME, department, UOS | ME representative | 24 Dec. 2017 | |
| | Member of Graduate students Committee at King Saud University, KSA | Master and PhD students admissions | 2008 : 2015 | |
| | Member of statics, information and ME department report, at King Saud University, KSA | Preparation of the ME department annual report. | 2008: 2015 | |
| 17 | Executive Manager of Quality and Assurance and Accreditation Unit, Faculty of Energy Engineering, Aswan University, Aswan, Egypt. | Executive Manager | March, 2008 | Nov., 2008 |
| 18 | General Secretary of 1 st International Conference of Energy Engineering held in Aswan, Egypt. | General Secretary | 27-31 Dec. 2008 | |

JOINED RESEARCH PROJECTS AND GRANTS

1. PI-Seed Research Project No. 1702040861-P, "Capacitive Deionization Water Desalination Unit, a new design by using nanotechnology". University of Sharjah, Sharjah, UAE.

2. A member of the research group “**Infectious Diseases (ID) And Anti-Infective Therapy**”. University of Sharjah, Sharjah, UAE.
3. PI, Research Group No. (**RG-1435-001**) entitled (**Synthesis of Electrospun Nanofibers and its Various Applications**), 40,000 USD/Year, 2014:2016. King Saud University, Saudi Arabia.
4. Co-I Research Group IRG NO (**IRG14-11**), 80,000 USD/Year, 2014:2016. **The Highly Cited Research Group Program- Deanship of Scientific Research-King Saud University**, Saudi Arabia.
5. P-I, " Fabrication of Advanced Cardiac Patch Using a Novel Silk Fibroin/Poly (ethylene oxide) Composite Loaded with Piezoelectric Material" Grant funded by National Plan for Science, Technology and Innovation (MARRIFAH), King Abdulaziz City for Science and Technology, Kingdom of Saudi Arabia, Award Number, (15-BIO4042-02). (1,826,490 RS, = 490,000 USD)
6. P-I, Grant funded by National Plan for Science, Technology and Innovation (MARRIFAH), King Abdulaziz City for Science and Technology, Kingdom of Saudi Arabia, Award Number, (11-NAN1460-02). (1,760,000 SR, = 470,000 USD)
7. CO-I, Grant funded by National Plan for Science, Technology and Innovation (MARRIFAH), King Abdulaziz City for Science and Technology, Kingdom of Saudi Arabia, Award Number, (10-ADV1033-02). (1,226,000 SR, = 326000 USD).
8. CO-I, Grant funded by National Plan for Science, Technology and Innovation (MARRIFAH), King Abdulaziz City for Science and Technology, Kingdom of Saudi Arabia, Award Number, (11-ADV2199-02). (1,860,000 SR, = 495,000 USD)
9. CO-I, Grant funded by National Plan for Science, Technology and Innovation (MARRIFAH), King Abdulaziz City for Science and Technology, Kingdom of Saudi Arabia, Award Number, (11-ADV1853-02). (1,593,600 SR, = 425,000 USD)
10. P-I, Grant funded by College of Engineering Research Center, Project No. 23/430, King Saud University, King Saud University, P.O. Box 800, Riyadh 11421, Saudi Arabia. (47,000 SR, = 12,500 USD)
11. P-I, Grant funded by Center of Excellence for Research in Engineering Materials (CEREM), Project No. CEREM-04, King Saud University, King Saud University, P.O. Box 800, Riyadh 11421, Saudi Arabia. (150,000 SR, = 40,000 USD)
12. P-I, Grant of Postdoctoral program, Chonbuk National University Jeonju 561-756, South Korea (2004).
13. CO-I, Korean Research Foundation Grant Funded by Korea Government (MOEHRD) (KRF-2005-210-D00042)
14. CO-I, Regional Research Centers Programs of the Korean Ministry of Education & Human Resource Development through the Center for Healthcare Technology Development.
15. In 1998 I was accepted into the Trans-Century Training Program for Talents by the Ministry of Education of China and the Ministry of Higher Education of Egypt as a scholarship student to complete my Ph. D degree. I entered into the *State Key Laboratory for P/M, Changsha, Hunan, P. R. China*. I have majored in powder metallurgy science especially powder injection molding and mechanical alloying. During this period, I had taken part in a lot of important research work, such as:
 16. National natural science foundation of China key fund
 17. National high-technology development foundation key fund, which all focus on the MIM fundamental theory research.
 18. Founding of the MIM Company of national engineering research center, P. R. China.

ACADEMIC HONOR AND AWARDS

1. ward of Excellence in research, College of Engineering, King Saud University, 2014-2015
2. Award of Excellence in research, College of Engineering, King Saud University, 2013-2014
3. Award of Excellence in research, College of Engineering, King Saud University, 2012-2013

4. Highly downloaded article based on the statistics from Google Scholar "Effect of Hydroxide Ion Concentration on the Morphology of the Hydroxyapatite Nanorods Synthesized Using Electrophoretic Deposition".
5. The most impressive readership results "Advanced Sintering of Nano-Ceramic Materials" has achieved impressive readership results. Published with InTech in the book "Ceramic Materials - Progress in Modern Ceramics". The top downloads are from the following five countries: United States of America – China – India - Iran, Islamic Republic of - United Kingdom.
6. Awarded fellowship from Korean Research Foundations (KRF), to work as Research Professor at School of Advanced Materials Engineering, College of Engineering, Chonbuk National University, Jeonju 561-756, South Korea
7. Awarded postdoctoral fellow, School of Advanced Materials Engineering, College of Engineering, Chonbuk National University, Jeonju 561-756, South Korea
8. Awarded scholarship of Trans-Century Training Program for Talents by the Ministry of Education of China and the Ministry of Higher Education of Egypt as a Ph.D. student
9. Referee for many International ISI journal
10. Invited Speaker in many International conferences and forums

TEACHING EXPERIENCE

Courses I'm capable to teach

Teaching the following courses to the undergraduate students at:

- A) **University of Sharjah, UAE**, during the period from September, 2016 up to now.
 1. Engineering Graphics Design
 2. Introduction to Mechanical Engineering
 3. Strength of Materials

- B) **King Saud University, Saudi Arabia**, during the period from September, 2008 up to September 2016.
 1. Engineering Materials,
 2. Mechanics of Materials,
 3. Polymers Engineering.
 4. Mechanical Engineering for petroleum students.
 5. Graduate Projects

- C) **South Valley University and Aswan University, in Egypt**, during the period from September, 1995 up to September 2008.
 1. Workshop Technology,
 2. Production Engineering,
 3. Theory of Machine,
 4. Applied Mechanics,
 5. Mechanical Drawing,
 6. Project Management and Operations Research,
 7. Mechanics of Materials.

Also I had the opportunity to teach the following courses to the post graduate students at:

- A) King Saud University, Saudi Arabia
 1. Powder Metallurgy
 2. Nanocrystalline Materials.

- B) Faculty of Energy Engineering, Aswan University: Egypt. during the period from September, 2002 up to date.
 1. Metal Forming
 2. Advanced Material Engineering
 3. Tribology

4. Advanced casting Technology.

I also had the opportunity to teach under graduate students in the school of Advanced Martial Engineering, Chonbuk National University, Jeonju, S. Korea, during the period from September, 2005 to Aug., 2006 one course titled “An introduction into Material science and engineering”. And also I had the opportunity to teach one course about Powder Metallurgy to the post graduate students in the same University.

Development of Teaching and Learning Activities

22 teaching years at university level most of them are in credit hours system.

Update the course content of all courses that I have taught and applying various methods in teaching and learning (Smart Board, PowerPoint presentations, Projects, etc.). Combination between modern and conventional tools and methods has been used to achieve Program and Course Outcomes for all courses. Various methods are not only applied in delivering the course but also how to assess students’ performance. As a chairperson, I reviewed and modified the course syllabus of the mechanical engineering courses that I taught. I also helped other colleges through discussions in the department council meetings to update the courses they teach. Topics to be covered, textbooks, references, and learning outcomes were reviewed and modified. A mapping between course learning outcomes and program learning outcomes was also done for those courses. There is also an interactive communication with students via Blackboard and other online media.

Academic Advising.

Help students in course selection, academic planning and orientation. Meet with students on academic probation to discuss their selection of courses and receive a pin code. Assist students in making changes to their courses during the add/drop periods and recommend to students dropping/ adding/ changing/ repeating courses to ensure that they follow the study plan correctly. As a Chairman, I serve as an additional advisor to all students whenever the need arise.

MEMBERSHIP OF SCIENTIFIC COMMITTEES

1. Member of American Society for Mechanical Engineers (ASME) Membership number is 102072154
2. Member of American Ceramic Society (ACs)
3. Member of International Society of Electrochemistry (IES) Member ID: 14505
4. Member of Egyptian Syndicate for Engineers (ESE)

COMMUNITY AND UNIVERSITY SERVICES

I participated in the following (Mark as appropriate):

- Public lectures and seminars

 Organizing workshops
 Newspapers articles

 Consultancy or expert services
 Others (Specify)

| No | Activity | Beneficiaries | Date |
|----|--|--|---------------------|
| 1 | <ul style="list-style-type: none"> • Student supervision, I am a supervisor and co-supervisor for a number of M.Sc. and Ph. D Students, • Supervision on Post-graduation Diploma | Aswan university, Aswan, Egypt, and King Saud University, Riyadh Saudi Arabia. | Recently and before |
| | Supervision on the graduation projects | University of Sharjah, UAE | 2016 |

| No | Activity | Beneficiaries | Date |
|----|---|--|---------------------------------|
| | Examiner for a PhD student Diab Khalaf Allah , Egyptian, Thesis Title: Novel Nanofibrous Materials as Photocatalyst and non-Precious Electrodes for Enhancement Fuel Cells Technology. | Minia University, Minia, Egypt | 5 th of January 2017 |
| | Examiner for a PhD student Mujtahid Kasafina, Indonesian, Title: SYNTHESIS AND CHARACTERIZATION OF BIODEGRADABLE POLY (LACTIC ACID) AND ITS ENGINEERING APPLICATION | King Saud University, Riyadh, Saudi Arabia | /4/20 2013 |
| | Examiner for a MSc student, Nur Hadi Sukma Wlu, Indonesian, Title: Effect of Microwave Sintering on Barium Ferrite Ferromagnetic Nanoparticles Processed Via Sol-Gel Route. | King Saud University, Riyadh, Saudi Arabia | /6/20 2011 |
| | Examiner for a MSc student Saleh Bin Abath Alawtaibi, Title: Preparation and Characterization of Nanofibers Based on Cellulose Derivatives via Electrospinning Technology and Their Use as Drug Carrier | King Saud University, Riyadh, Saudi Arabia | January , 2013 |
| | Examiner for a MSc student, Ayman Abdallah AlMotlaq, Title: Effect of Stacking Fault Energy in Cu-Al Alloys on Mechanical Behavior and Texture Evolution | King Saud University, Riyadh, Saudi Arabia | /5/27 2012 |
| | A member of organizing committee for International Conference on Materials Science and Research” during November 16-18, 2017 at Dubai, UAE. | International Conference on Materials Science and Research | November 16-18, 2017 |
| | A member of evaluation committees for assistant professor and full professor promotion in Egyptian Supreme Council for Universities | Egyptian Supreme Council for Universities | 2016-2019 |
| | Papers Evaluation | <p><u>I'm a reviewer for the following Journals:</u></p> <ol style="list-style-type: none"> 1. Acta Biomaterialia 2. Arabian Journal of Chemistry 3. Biomaterials 4. Chemical Engineering Journal 5. Ceramics International 6. Colloids and Surfaces A: Physicochemical and Engineering Aspects 7. European Polymer Journal 8. International Journal of Refractory Metals and Hard Materials 9. Journal of Alloys and Compounds 10. Journal of Advanced Research 11. Journal of King Saud University: Engineering Sciences | |

| No | Activity | Beneficiaries | Date |
|----|----------|--|------|
| | | 12. Materials and Design 13. Materials Chemistry and Physics 14. Materials Letters 15. Materials Science & Engineering A 16. International Journal of Applied Ceramic Technology 17. American Ceramic Society | |

- عمل ضابطا احتياطيا بالقوات المسلحة فى الفترة من يناير 1991 وحتى يوليو 1993 فى ورش المركبات الخاصة بالقوات المسلحة المصرية.
- عمل مهندساً بشركة السكر والصناعات التكاملية المصرية فى الفترة من 1993 وحتى 1995
- عضو اللجنة الفنية التى قامت بفحص وإعداد التقرير الفنى عن حادثة سرقة كابلات موضوع القضية رقم (969) لسنة 2008 جنح مركز اسوان لفحص الاحراز المضبوطة ومطابقتها بالاصل المنزوعة منها بمنطقة السد العالى
- عضو اللجنة الفنية التى كلفت بفحص وإعداد تقرير فنى عن الوحدة النهرية بهيئة ميناء السد العالى موضوع القضية رقم 1261 لسنة 2007
- تسجيل حلقة تليفزيونية عن صناعة الالومنيوم فى مصر تم إذاعتها بالقناة الثامنة فى عام 1998
- نشر مقال بجريدة اليوم السابع بعد ثورة 25 يناير بعنوان "ناشط صناعى" يدعو فيه الشباب لكى تنشط فى مجال الصناعة كما هو الحال فى المجال السياسى. <http://www.youm7.com/News.asp?NewsID=371947>
- فى مجال خدمة المجتمع المذكور شريك موسى ومستشار هندسى لشركة غرب ديروط للصناعات الهندسية (وديكو) والتى تهتم بانتاج القطع الهندسية المصنعة من المطاط والبلاستيك والوكيل الوحيد لشركة اروبان الايطالية لانتاج اجهزة تحلية ومعالجة المياه. <http://www.wdeico.com>
- عضو بوحدة المعامل والتدريب والإستشارات الهندسية بكلية هندسة الطاقة جامعة أسوان - مصر

PROFESSIONAL TRAINING COURSES

1. Effective College Teaching, Deanship of Skills Development, King Saud University, Riyadh, Saudi Arabia, 22 – 23 /12/2012.
2. Developing Teaching e-Portfolio, Deanship of Skills Development, King Saud University, Riyadh, Saudi Arabia, 24 /12/2012.
3. BlackBoard, King Saud University, Riyadh, Saudi Arabia, 23 /3/1433 H.
4. Theory of Learning. Deanship of Skills Development, King Saud University, Riyadh, Saudi Arabia, Jan. 2013.
5. Secure and comfortable learning environment, Deanship of Skills Development, King Saud University, Riyadh, Saudi Arabia, Jan. 2013
6. Proficiency of professional teaching, Deanship of Skills Development, King Saud University, Riyadh, Saudi Arabia, Jan. 2013
7. Feedback is a tool to learn better, Deanship of Skills Development, King Saud University, Riyadh, Saudi Arabia, Feb. 2013
8. Design and construction of the course, Deanship of Skills Development, King Saud University, Riyadh, Saudi Arabia, March. 2013
9. Evaluation of learning outcomes, Deanship of Skills Development, King Saud University, Riyadh, Saudi Arabia, March. 2013.

10. CDI as an effective way for water Desalination, Milano, Italy 30/4/2012 to 5/5/2012
11. Time Managements, Faculty and leadership Development Project, period from 15/4/1994 to 17/4/2008. South Valley University, Egypt.
12. Strategic Planning, Faculty and leadership Development Project, period from 23/3/2008 to 25/3/2008, South Valley University, Egypt.
13. Quality Assurance and Accreditation, Faculty and leadership Development Project, period from 20/1/2008 to 22/1/2008. South Valley University, Egypt.
14. Developing Management Competencies, Faculty and leadership Development Project, period from 17/6/2007 to 19/6/2007, South Valley University, Egypt.
15. Teaching Evaluations, Faculty and leadership Development Project, period from 3/6/2007 to 5/6/2007 South Valley University, Egypt.
16. Planning and Follow up Projects by Primavera Project Planner Software, DOS, Windows, Excel, Project Affairs, Sugar and Integrated Industries Company. Egypt
17. Design, Production and Maintenance of Gears, Hwamdia Equipment Factory (HEF), Period From 22/10/1994 To 27/10/1994, Egypt
18. Welding Technology, Cairo University, Faculty of Engineering, Period From 15/10/1994 To 20/10/1994, Egypt
19. Static and Dynamic Balancing of Rotating Equipment, Hegazy For Industrial Service (HIS), Period From 12/11/1994 To 16/11/1994. Egypt

ATTENDING CONFERENCES, SEMINARS AND MEETINGS

1. TechConnect World Summit and Innovation Showcase 2013 Conference, which has been hold on May 12th to May 16th, 2013 in Washington DC, USA.
2. International Conference on Structural Nano Composites, 2-4 July 2012, Centre for Automotive Technology, Cranfield, University, Cranfield, Bedfordshire MK430AL, UK.
3. International Conference on Electrospinning 2012 (Electrospin 2012), which has been hold on May 29th to June 1st, 2012 in Jeju, Korea.
4. Advanced Technologies Forum 2011, The 2nd International Advanced Technologies Forum, November 28 – 30, 2011, Confernce Hall – Building 36 – KACST Headquarter. King Abdullah Road, Riyadh, Saudi Arabia.
5. The Saudi International Advanced Materials Technologies Conference, October 17-19, 2011, Confernce Hall – Building 36 – KACST Headquarter. King Abdullah Road, Riyadh, Saudi Arabia.
6. Advanced Technologies Forum 2009, The International Information, Communication and other Advanced Technologies Forum, April 26–28, 2009, King Faisal Conference Hall, Riyadh, Saudi Arabia.
7. The International Conference For Nanotechnology Industries, The Leading Technology of 21st Century, King Abdullah Institute for Nanotechnology, April 5-7-2009, King Saud University, Riyadh, Saudi Arabia.
8. International Conference of Mechanical and Automotive Technologies 2006, ICMAT 2006, Jinsoodang Chonbuk National Univ., April 1-4, 2006, Jeonju, S. Korea,
9. 4th Korean-Sino conference on Advanced Manufacturing Technology, Oct 31- November 3, 2005 Jeonju, South Korea.
10. The 3rd International conference on Advanced Forming and Die Manufacturing Technology (AFDM2006) 4-6 September, 2006, Haeundae, Busan, Korea <http://www.kstp.or.kr/AFDM2006>
11. 2006 POWDER METALLURGY World Congress and Exhibition (PM2006), Busan, Korea from September 24 to September 28, 2006. <http://www.pm2006.org>
12. The 2nd Young Scientist Symposium for Healthcare, September 30, 2006 Jeonju, South Korea.

13. International Conference of Mechanical and Automotive Technologies 2005, ICMAT 2005, Jinsoodang Chonbuk National Univ., June 1-3, 2005, Jeonju, S. Korea, <http://www.icmat2005.com/>
14. 4th International Engineering Conference (IEC2004), Faculty of Engg. Mansoura Univ., 20 –22 April 2004. http://conf.mans.edu.eg/back_conf/040422_iec4/
15. PIM2000 organized by Innovative Material Solution Inc. and The Pennsylvania State Univ., State college, PA, USA, March 20-22, 2000.
16. Al-Azhar University Engineering Fourth International Conference (AEIC), Cairo, December 16-19, (1995).

RESEARCH AREA AND SCIENTIFIC ACTIVITIES

1. Research Area

- Materials
Nanomaterials (nanofibers, nanostructured), Composite Materials, Nano Ceramic Processing, Biomaterials
- Techniques
Powder Metallurgy, Hot Isostatic Pressing, Cold Isostatic Pressing, Powder Injection Molding, Spark Plasma Sintering, High Frequency Induction Heat Sintering, Electrospinning of nanofibers.

2. Publications

2. 1. BOOK CHAPTERS

1. Book title: Ceramic Materials - Progress in Modern Ceramics (ISBN 978-953-51-0476-6) Chapter title: Advanced Sintering of Nano-ceramic Materials Authors: Khalil Abdelrazek Khalil, InTech Open Access Company, Book edited by: Dr. Feng Shi.
2. Book title: Biopolymer Composites in Electronics - (ISBN 978-0-12-809261-3) Chapter title: Electrical Conductivity Behavior of Biopolymer Composites, Authors: H. S. Abdo, A. A. Elzatahry, H. F. Alharbi, and Khalil Abdelrazek Khalil, ELSEVIER, 2017, Pages 13–25. Book edited by: K. K. Sadasivuni, et. al.

2.2. Translated Books

| No. | Title | Publisher |
|-----|---|--|
| 1 | إنتاج الطاقة الحيوية والوقود الحيوى من النفايات والكتلة الحيوية- 2016 | King Saud University Press |
| 2 | مواد الخلايا الشمسية - تقنيات التطوير Solar Cell Materials - Developing Technologies 2017 | King Saud University Press <u>Affiliated to University of Sharjah</u> |

2.3. PATENTS

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