

CURRICULUM VITAE

1) PERSONAL DATA :

Name: Fares S.S.AL-Areqi
Date of Birth: 17-11-1970
Position: Mechanical Engineering Department- Faculty of Engineering - ALBAHA University KINGDOM OF SAUDI ARABIA
Sana'a University, Mechanical Engineering Department, Faculty of Engineering- YEMEN.
Work Address: KINGDOM OF SAUDI ARABIA- AL-BAHA University Faculty of Engineering,. Mechanical Engineering Department,
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Tel: (+ 966) 534616206 (mobile)

2)LANGUAGES

1. Arabic: Mother tongue
2. Russian: Good proficiency
3. English: Good

3) KEY QUALIFICATIONS:

Have more than 23 years of experience in the academic and Industrial fields. For academic filed, I have worked for both government and private universities and gained experience in various fields such as training, lecturing and research activities. In industrial fields, I have worked for private sectors as a factory manager as well as manager for engineering consultation firm.

4) EDUCATION AND TRAINING:

- ❑ Associate professor - Mechanical Engineering Department, - Faculty of Engineering- Sana'a University, - YEMEN-2015
- ❑ PhD, Institute of Mechanics and Seismic Stability of Structure (M.T. Urazbayev) of the Academy of Science of Uzbekistan on specialty , Feb., 1999.
- ❑ BSc and MSc, Tashkent Institute of Engineering/ Mechanization /Uzbekistan.

5) EXPERIENCE / EMPLOYMENT RECORD:

A) Academic:

- 2012- to date: Assistant Professor, Mechanical Engineering Department, Faculty of Engineering, AL-BAHA University, KINGDOM OF SAUDI ARABIA.
As an assistant professor at Mechanical Engineering Department, my duties mainly summarized in participating in the following activities:
- Teaching different subjects including:
 - 1- Vibrations and Automation
 - 2- Engineering Economics
 - 3- Engineering drawing
 - 4- Calculus 1
 - 5- Num. Cont. Operating Machines
 - 6- Calculus 2
 - 7- Design of machine 1
 - 8- Engineering Math. 1
 - 9 - Strength of Materials
 - 10- Statics
 - 11- Dynamics
 - 12- Meas. Instruments and Calibration
 - 13- Quality Control
 - 14- Robots
 - 15- Machine Tool Design
 - 16 - metal casting
 - 17- welding
 - 18- Engineering safety
 - Supervising student's final year projects
 - Member of the Quality and Academic Accreditation Committee in the Mechanical Engineering Department
 - Chairman of the annual report committee in the Mechanical Engineering Department
 - Chairman of the Workshops and Laboratories Committee in the Mechanical Engineering Department (formerly).
 - Member of several committees in the Department of Mechanical Engineering

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- 1999- to 20012: Assistant Professor, Mechanical Engineering Department, Faculty of Engineering, Sana'a University.
As an assistant professor at Mechanical Engineering Department, my duties mainly summarized in participating in the following activities:
- Teaching different subjects including:
 - 1- Mechanical vibration
 - 2- Dynamic
 - 3- Engineering drawing
 - 4- Descriptive engineering
 - 5- Properties of materials
 - 6- Material science
 - 7- Design of machine
 - 8- Introduction to maintenance.
 - 9 - Theory of machine
 - Supervising student's final year projects
 - Head of educational affair unit in the faculty of Engineering.
 - Mechanical Labs coordinator
 - Academic advisor for level 4 in mechanical engineering dept.
 - Key member in workshops and seminars committee.
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- 2003 2012: Assistant Professor/ Faculty of Science and Engineering, University of
(Part time bases) Science and Engineering / Yemen

Duties:

- Teaching different subjects including:
 - 1- Dynamic
 - 2- Engineering drawing
 - 3- Air conditioning
 - 4- Descriptive engineering
 - 5- Sound and Light
- Participate in different committees including: quality assurance and scientific committee.
- Academic advisor for level 1 in civil engineering dept.

Jan 1996 Dec. 97 Researcher at Institute of Mechanics and Seismic Stability of Structure (M.T. Urazbayev)of the Academy of Science of Uzbekistan.

B) Non Academic:

6) COMPUTER BACKGROUND:

Feb 00 Sep. 00: General manager for spare parts factory owned by (Star-Technology and Engineering Company).

2001- 2002: General manager for Future Company for electrical consultancies.

Experience in different computer packages including Microsoft office and AutoCAD.

7) PUBLICATIONS:

A) Papers

- 1) Predictive Maintenance of Rotating Machines using Arduino Platform-International Journal for Research in Applied Science & Engineering Technology (IJRASET)-ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429 - Volume 8 Issue IV Apr 2020- Available at www.ijraset.co
- 2) Optimum tuning of the PID controller for stable and unstable systems using nonlinear optimization technique ,journal science and technology, No 1.2may- 2014 ,science and technology university , Sana'a –Yemen.
- 3) Cyclic Oxidation Kinetics and Oxide Scale Morphologies Developed on IN600 Super alloy" Springer may-2011
- 4) The rational of using vehicle powered by Liquid Petroleum Gas (LPG) in Yemen. Engineering Journal, No 1. 2007 , Faculty of engineering, Sana'a –Yemen.
- 5) Numeric studies of vibrations of elastic rollers with parametric changes in bending rigidity. The Journal of Mechanic Problem's, No. 2, 1998. pp49-53, Uzbekistan-Tashkent

- 6) Working out of the algorithms for Numeric studies of vibrations of elastic rollers with parametric changes in bending rigidity,-DAN Republic of Uzbekistan" . No. 1, 1997 pp.23-26
- 7) Provisional patent No. 4415 /.The state committee of Republic of Uzbekistan for science and technology –state patent office
cotton spindle apparatus
" Rasmiy ahborotnoma" No 5 ,1997
- 8) Provisional patent No. 4578 /.The state committee of Republic of Uzbekistan for science and technology –state patent office
damping prop torsional shock of shaft
" Rasmiy ahborotnoma" No 5 ,1997
- 9) working out of the calculation of the dynamic stability of elastic shafts with parametric changes in bending rigidity. III International symposium " Dynamics and technology problems for mechanics of Structures for continuous media, Russia-Moscow – May,1997pp,163-164
- 10) Provisional patent No. 4016 /.The State Committee of Republic of Uzbekistan for science and technology – state patent office
Hydro- friction elastic shaft
Rasmiy ahborotnoma" No 4 ,1996

B) Books:

1. Engineering Drawing (for Ministry of Technical and Vocational Education) , 2011
2. Maintenance of Diesel Engines (for Ministry of Technical and Vocational Education) 2012.
3. Fundamentals and principles of Engineering drawing For students of engineering college - 2012
4. Fundamentals and principles of Engineering drawing For students of engineering college - second edition -2018
5. Fundamentals and principles of Descriptive Engineering For students of engineering college - 2021

CERTIFICATION:

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe my qualifications, and my experience.

Date: 27/01/2022

Dr. Fares Saeed Saeed AL-Areqi
Signature