



HASAN .A .M AL DABBAS
Assistant professor
Department of Mechanical Engineering
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Key qualifications

Dr. Al-Dabbas specializes in higher education and universities and technical colleges, highly experienced in excess of 35 years in the education sector. Has an excellent knowledge of the educational curriculum and the academy in Jordan and neighboring countries and given his long previous experience in Education at Ministry of Higher Education and scientific research and at president and an educational adviser and cultural counselor in several governmental and private Jordanian universities and education advisor at Wade Sir Training College (UNRWA), in 2008 state of Qatar. He worked as worked as cultural and educational counselor at the Jordanian Embassy in Moscow He supervised more than 3,000 students studying in Russian universities and institutes which enabled him to implement certain programs professionally and educationally efficient, high administrative. Developed a special expertise in the technical and financial matters of higher educational project , it also has a long experience of vocational and technical training and university average and also in government tenders for large projects because it served for many years a member of the Technical Committee of the Central Tenders in Jordanian universities

Dr Dabbas work on several projects with American and Canadian universities in the development of comprehensive education and technical in Jordan through the Higher Council for Science and Technology Amman, and the World Bank and UNDP and UNRWA in Jordan and the region. Thus, he has a good understanding of the educational projects developed and implemented by international financial institutions. Supervised many of the graduation projects and dissertations at universities and institutes in Jordan. It also is the lead author of four books Academy and cultural as well as a long list of papers and technical reports dealing with the Education and Higher Education and Technical in Jordan , he is an active member in many technical committees at the Ministry of Education and Ministry of Higher Education of Jordan, and the Jordanian Engineers Association , and he is the architect Registered in the Jordanian

Engineers Association and the Federation of Arab Engineers , (Professional Engineer) and a member of the American Welding Society and the American Society of engineers of production and manufacturing . Dr. Dabbas has been nominated as a member of a central authority in Jordan Engineers Association for patrols consecutive representative of the Division of Mechanical Engineering.

Employment

- Chairman of the board of directors at Ajloun National University from 2020 until now
- Member of the board of directors at Ajloun National University from 2016-2020
- Former Vice Dean at Faculty of Engineering at Philadelphia University
- Former Head of Mechanical Engineering Department at Philadelphia University
- Faculty member Assistant Professor at the Faculty of Engineering, Department of Mechanical Engineering University of Philadelphia from 2013 until now
- Faculty member Assistant Professor in the College of Engineering and Technology Department of Mechanical Engineering at the University of Jordan as Lecturer from 2011 to 2013
- Education adviser and Member of Teaching Stuff at Wadi Sser Training collage part-time lecturer 2011-2013.

Previous career experience

- Ministry of Higher Education and Scientific Research (1984-2005)
- Zarqa private University cultural and educational counselor (2011-2012)
- Jordanian Embassy Moscow cultural and educational consultant (2008-2011)
- The Hashemite University cultural and educational consultant (2005-2008)
- University of Jordan, cultural and educational counselor (2005-2005)
- Faculty of Engineering Technology Amman (1984-1989)
- .Faculty member in the Department of Mechanical Engineering
- Extension Directorate in consulting and training
- Instructor at Engineering Workshop.

Balqa Applied University (1989-2005)

Ministry of Higher Education Seconded to BAU educational consultant and faculty member at the Faculty of Engineering Technology Amman.

- Managing Director to write a curriculum for the students of the university and junior colleges
- A key member of the committees for the comprehensive examinations of theoretical and practical held by university -level colleges in Jordan

Member Committees at high university graduation projects and junior colleges at the level of . Jordan.

- Ministry of Education and the State of Qatar (1989-1994) Seconded as Instructor at secondary education and comprehensive technical schools.

Ministry of Higher Education Polytechnic Institute Amman (1984-1989) teacher and at the Instructor Department of Mechanical Engineering.

Jordan Armed Forces, Royal Jordanian Air Force Directorate of Maintenance and Engineering Workshops (1982-1984) Aware service.

- Ministry of Education teacher in Vocational schools (1980-1982).

Training courses

U.S Certified Instructor

International Association for Health and Occupational Safety and the Environment (iaoshe)

Has been awarded the U.S Certified Instructor in Technology and Equipment for Mechanical and Physical Technical Treatment

Jordan Institute of Diplomacy program technicians attached t January 7 to February 7, 2007.

National Institute for Training of Trainers AL Balqa Applied University.

Skills development training program for education and training specialist

.Faculty of Engineering Technology April 10 to 20

Computer Skills

Microsoft Windows and Office and the Internet at Faculty of Engineering Technological

Amman in July 2003

Modern teaching methods in Higher Education Faculty of Engineering Technology March 2000

.Amman

BAU unit consulting and training

Methods of training and teaching in modern education

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DAYNA 4322 Michtronics CNC Milling Machines

Faculty of Engineering Technology Amman March 2000.

Boxford LTD CO 160 TCL-190VMC CNC Machines

Balqa applied University Feb 16-Feb 18 2000

-AL Balqa Applied University Unit of Consultation and Training

Automotive Diagnosis and Maintenance Nov 22-Dic 15 1998

Auto CAD 2D, 3D Feb 2-March 7 1999 .

- Comoson College Canada applications of modern technology in computerized machinery 1-28 AB 1999

- Oklahoma State University United States

Methods of teaching and learning in secondary comprehensive high schools and technical institutes May 2 -20 December 1985.

EDUCATION

PhD Peoples Friendship University of Russia Mechanical Engineering 2011

Technology and Equipment for Mechanical and Physical Technical Treatment

M.Sc. National Technical University of Ukraine" Kiev Polytechnic Institute1997.

High Effective Process of Treatment

B.Sc. National Technical University of Ukraine" Kiev Polytechnic Institute 1996.

Laser Technology .

AREAS OF INTEREST

Teaching

Static

Dynamics

Mechanical Engineering Design

Applied Mechanics

Strength of Material

Technical Drawing & AUTO CAD 2D, 3D

Mechanical systems for Architecture

Production Operation and Manufacturing Process

CAD/CAM

Theory of Machines and Mechanisms

Gears & Thread Designing and Applications

CNC Machines

Automatic System of Industrial Management

Welding Technology and Machine Components

Machine shop Technology

Publication

Comparative Investigation of Mechanical Characteristics and Microstructure in Maraging Steel Fabricated via DMLS and CNC Techniques

Hasan ALDabbas, Abhishek Agarwal, Masengo Ilunga, Ibrahim M. Aladwan, Omar Badran, Ibrahim I. Ikhries

RESEARCH THE EFFECT OF THE FRACTIONAL NUMBER SLOTS OF POLE ON WIND TURBINE GENERATION USING THE ENHANCED SPOTTED HYENA OPTIMIZATION ALGORITHM Ibrahim M. Aladwan¹ , **Hasan Abdelrazzaq AL Dabbas** , Ayman. M. Maqableh , Sayel M. Fayyad , Oleksandr Miroshnyk , Taras Shchur , Vadym Ptashnyk

Juriy Nikolayevitch Kuznetsova, Penka Milkova Nedeltchevab, **Hasan Al-Dabbasc**
Computer Modeling and Study of Force Characteristics of Eccentric Drill Chuck

Mohammad Quqazeh, **Hasan .A.Aldabbas**, Monzer.M. Krishan, Nabil Musa
Characteristics and Analysis for Mechanical Instrumentation Used to Measure Fluid Viscosity

International Journal of Innovative Science and Modern Engineering (IJISME) ISSN: 2319-6386, Volume-4 Issue-3, March 2016

Equality New Trend In Drilling And Milling Technologies

Hasan AL Dabbas, Abu-nidzhimRamzi Hassan, Ahmed I. Ateyat

Hasan AL Dabbas ,Dr.Abu-nidzhim Ramzi Hassan, Ahmed I. Ateyat COMPARISON BETWEEN DRILLING AND MILLING TECHNOLOGIES

Nabil W. Musa¹, V. I. Gulyayev, L. V. Shevchuk, Hasan Aldabas

Whirl Interaction of a Drill Bit with the Bore-Hole Bottom

Nabil W. Musa, a*V. I. Gulyayev b, G. M. Ivanchenko c, Yu. A. Zaets b, Hasan Aldabas. Transformation of seismic discontinuous waves by hyperboloid interfaces in anisotropic elastic media

Hasan AL Dabbas

Study of Efficiency Eccentric Drilling-Milling Chuck

International Journal of Materials, Mechanics and Manufacturing, Vol. 3, No. 1, February 2015

Principle of manufacturing of instrumental precise clamping
chucks for a high-speed processing

Kirovogradskiy National Technical University.

Bulgaria – 2006.

- Study for the chuck stiffness features of eccentric milling chucks, 2006.

- Computer Generated Simulation and Study for Main

Characteristics of Eccentric Drilling-Milling Chuck // Machines, technologies, materials 2007, Sofia (Bulgaria).

-System-and-Structural Approach on Synthesis of Wide-Range Eccentric Drilling-Milling Chucks.

-Manufacturing principle of tool sensitive clamping chucks for high-velocity processing

-Study of working capacity of eccentric drill-and-milling chuck

- Computer Modeling and Study of Characteristics of Eccentric Drill Chuck

Using Laser Technology In Mechanical Engineering ,Amman

Fifth International Mechanical Engineering Conference

Authorship Technical

- Comprehensive engineering drawing for engineering and technical college students
2024 291p Arabic

- Engineering Drawing using Computer Auto CAD 2010 320p Arabic

- Engineering Drawing for Air Conditioning Refrigeration and Sanitary
(Manual & Using Computer) 2005 – 358p Arabic

Cultural Authorship

- Brochures in World Cinema 2003 188p Arabic

- Seat in front of the Screen 1987 65p Arabic

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Conferences

Conference Chair Fourth International Conference on Advances in Mechanical, Industrial and Mechatronics Engineering (ICAMIME 2020) which will be held during July 9-10, 2020 in Hammamet, Tunisia.

Conference Chair Third International Conference on Advances in Mechanical, Industrial and Mechatronics Engineering which will be held during 19th to 20th April 2019 in Tunis, Tunisia

Conference Chair International Conference on Trends in Mechanical 2017)Engineering and Manufacturing (ICTMEM 2017) Bangkok Thailand

Conference Chair Second International Conference on Advances in Mechanical, Industrial and Mechatronics Engineering (ICAMIME 2017) Tunis

Conference Chair International Conference on Advances in Mechanical, 2016 Industrial and Mechatronics Engineering (ICAMIME 2016) Istanbul.

Professional activities

Chairman of the Board of Directors Ajloun National University

-JEA professional engineer and consultant member

-Chairman of Committees professional and specialized engineering such as the practice of the profession and the Cultural and Social Committee in the Engineers Association and the Professional Associations Complex

-A member of the central team in the Division of Mechanical Engineering Member of the - committees for arbitration and conflict resolution in the engineering Engineers Association Vice president and member of the jury for engineering graduation projects in Jordanian universities

-Honorary Member of American Society of Manufacturing and Production Engineers.

American Welding Society member

Preparatory Committee for the International Conference of Mechanical Engineering fifth and sixth member

State Committee for the exam Community Colleges Comprehensive Exam member AL Balqa Applied University .

PERSONAL

Married Fife Dependent

Trilingual Arabic English and Russian