

- 1975-1978 Assistant Professor, Dept. of Mathematical Sciences, University of Petroleum and Minerals, Dhahran, Saudi Arabia.
- 1973-1975 Assistant Professor, Dept. of Math.- Stats.- Computer Science, University of Jordan, Amman, Jordan

COURSES TAUGHT:-

1. **Undergraduate:** A wide range of Mathematics courses, in addition to Business Math., Engineering Maths., Basic, Fortran, Statistics and Game Theory.
2. **Graduate:** Differential and Riemannian Geometry, Topology.

IMPORTANT COMMITTEES:

- A. Head of the Curriculum revising Committee for two different study plans in the Department of Mathematics, Statistics and Computer Science for the period 1982-90.
- B. Member of the graduate studies committee in the Faculty of Science for the Period 1985-88.
- C. Head of the Joint Committee for developing a study plan and designing premedical courses for the Faculty of Medicine students by the Faculty of Science Departments.
- D. member of the Committee in charge of translating into English the Bulletin of the Faculty of Science during the summer of 1985
- E. Member of the UAE University team of advisors touring the High Schools every winter in a scouting and recruiting operation to encourage the high school graduates to enroll in the college of science.
- F. Head of Quality control and scientific Research committees, Faculty of Science, Philadelphia University.

RESEARCH AND PUBLICATIONS

A. Books:-

In the summer of 1989 a two-member team comprising the Chairman of the department of Mathematics and myself was chosen to design the syllabus and write the materials for four different remedial courses in Mathematics – two for Arts and Business students and two for Science students in the Pre-freshman Year. The work culminated in two monographs published by the UAE University Press under the titles:

1. Introduction to College Mathematics (Science Students).
2. Fundamentals of Mathematics (For Business and Arts Students).

B. Papers:-

18 Published, and 2 in progress

C. Research Conferences :-

Attended and participated in several research conferences and training meetings throughout different parts of the world. In addition I took part in seminars, Colloquiums and joint research teams.

RESEARCH INTERESTS (SOME IN PROGRESS):

1. Finsler Space of the Relativistic Lagrangian Function.
2. Timelike Isometries for Finsler Spaces.
3. Completeness of Submanifolds of Finsler Spaces
4. Local and Global extensions of Finsler Spaces
5. The Inverse Problem in a Riemannian Manifold setting

DISTINCTIVE WORKS DONE:

- 1973-1975: Organized and supervised a senior- freshman mathematics students' mutual academic learning process, where seniors help freshmen in their calculus endeavor rotationally in tutorial sessions in my presence. Enjoyed by both parties. As for the seniors, it developed into an effective course in Mathematics Department at the University of Jordan called " Mathematics as an experience for the Undergraduate Students'.
- 1975-1978: Worked on a committee for the enhancement of the orientation students in science and engineering with academic capabilities at the University of Petroleum and Minerals, Dhahran, Saudi Arabia.
- 1978-1980 I have taught computer science – BASIC and FORTRAN. Also History and Skills in Mathematics as a graduate course for high school teachers at Minnesota State University.

- 1980-1981 I was selected from the Mathematics Department along with three other faculty members from other Science Departments at Rose-Hulman Institute of Technology to run two 2- week sessions in a program called “ TIP” for very gifted, nationally selected, high school graduates being groomed as possible outstanding future scientists.
- 1981-1991 I was awarded the United Arab Emirates University Shield for outstanding supervision of the mathematics Society and its social and academic activities for 1981-1984. Have been a member of the Counselling and Student Advisory Committee and a general Advisor for female students in the Faculty of Science at the University of the United Arab Emirates. Also helped supervise and check the General High School mathematics Examinations for 1984 and 1985 and joined the continuing education program for high school teachers in the U.A.E. in 1981-1983 as a community service.
Awarded Dean’s Medal for distinguished service to the Faculty of Science, UAE University 1991.
- 1992-1995 Revised the academic curriculum for the Air Force Air College. Set the study and training plan for three years. Established an evaluation procedure for cadets and instructors / training staff. Studied and evaluated the results of the different patches of cadets with a comparison analysis.
- 1996-2004 Organized a network of statistical data for the Police Headquarter in Abu Dhabi, linked with the various police stations. Regular study and analysis of crimes and traffic Accidents statistics. Submit recommendations to the General Director of Police Head Quarter on regular basis.

ADMINISTRATIVE WORK:

1. Member of the Dean’s Advisory Board for Students and Faculty Affairs.
2. Head of students Advising and Counselling Unit for the Faculty of Science, and representative of the Dean of Science on the Committee for interfaculty student transfers decisions, by – laws revisions and recommendations to the Vice Chancellor of the University.
3. Chairman of some Academic Departments.
4. Vice Dean / Chairman of Basic Sciences and Maths. Dept.

PROFESSIONAL ORGANIZATIONS:

Member of American Mathematical Society, Mathematical Association of America, Arab American University Graduates.

HONORARY RECOGNITION:

Awarded Dean's Medal for distinguished service to the Faculty of Science, U.A.E University, 1991.

My name was selected to be in "Who is Who in the World" for 1992.

HOBBIES:

Travel. Tennis, soccer and chess.

LANGUAGES

1. Fluent Arabic and English.
2. Reading and Understanding ability

COMMUNITY SERVICES:

1. helped supervise the second year final test in Mathematics for Al Ain Community College during 1984-89.
2. Helped Supervise and check the General High School Mathematics examinations for the years 1984, 1985 and joined the continuing education program for high school teachers in the U.A.E in 1981-83 as a community service.
3. I was chosen by the University as a member of a term from Mathematics Department to give talks in a Colloquium held for Mathematics officials and supervisors in the Ministry of Education in the fall for 1989. The talks focused on High School Mathematics fundamentals and the best ways to help the teachers and students alike to approach, comprehend and deal with Mathematics.

REFERENCES:

1. Prof. John K. Beem, Dept. of Math Sciences, University of Missouri, Columbia, Mo, 65211, USA Tel (314)882-6221.
2. Prof. M. Zuhair Nashed, Dept . of Math. Sciences, University of Delaware, Newark, DE 19716 , USA Tel . (302) 451-1877
3. Prof. Marwan Kamal,president of Philadelphia University (00962) – 2- 6374444
4. Mr. Peter Broekhuizen, Director of STATS (Specialist Training and Technical Services) P.O. Box 25335, Tel, 347799, Fax 314038, Abu Dhabi, U.A.E
5. Maj. General Khalil D. Badran , Director General Financial and Services Directorate , Abu Dabi Police GHQ, P.O. Box 253, Abu Dhabi, UAE. Tel (00971)-2-4462191