

## **Dr. Mazen Rasekh**

**Electrical Engineering Department, An-Najah National University, Nablus, Palestine**

**Tel: +97(0)92345113 ext . E-mail: [rasekh@palnet.com](mailto:rasekh@palnet.com)**

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### **CURRENT POSITION**

Associate professor, Electrical Engineering Department, An- Najah National University, September 1992 – Present

### **EDUCATION**

Ph.D. Electrical and Electronic Engineering, Cardiff university, Sept.1975 – Oct 1980 (Research Assistant post)

Specialization: Micro Magnetic Devices / Computer Bubble Memories

B.Sc. (First Class Honor ) in Electrical and Electronic Engineering , Cardiff University, UK, Sept 1970 - June 1975

### **ACADEMIC WORK EXPERIENCE**

(1) Senior Lecturer – Associate Professor Department of Electrical And Electronic Eng. AL-Najah National University Oct 1992 - present.

(2) Dean Of Computer Centre – AL Najah National University Oct 1990 – Sept 1992

(3) Dean of Engineering Faculty AL–Najah National University Nov 1983 – Sept 1990  
Responsibilities included the general running of the faculty as well as the development of all newly established departments

(4) Project Manager , Lecturer , Cardiff University Industry Center ( CUIC) and the Department of Electrical & Electronic Engineering , respectively . Nov 1982 – Oct 1983  
Tasks included the continuation of responsibilities mentioned in (2) as well as lecturing and supervising undergraduate and post graduate students.

(5) Research assistant - Cardiff University / Electrical and Electronic Eng. Dept / the wolfson center for magnetic technology. Sept 1975 Oct 1980, funded as follows:

(6) Sept 1975 – Oct 1978: The science research council / UK

(7) Nov 1978 - Oct 1980: The UK department of industry and the ministry of defence through a program called “Advance computer technology program (ACTP) “.

Field of Work: Micro magnetic devices, computer bubble memories

Several papers and patents have been published (in scientific Journals) relating to this work

### **INDUSTRIAL, BUSINESS , AND SOCIAL AFFILIATIONS**

- Chairman of Board of Directors , Tin Works Ltd / Nablus
- Chairman of Board of Directors , Plastic Technology Ltd / Nablus
- Director – Creative Technology Co. (Computer and peripherals)
- Good experience in Capital Markets
- Member, General Assembly -- Palestinian Housing Council
- Member of board of directors of Al-ruwwad school - Nablus

## **Certifications or professional registrations**

Full corporate Member of the Institute of Electrical and Technology Engineers (IET)  
Chartered Engineer (British Engineering Council)

## **COURSES TAUGHT**

### **BACHELOR COURSES:**

- Basic Electrical Engineering
- Electronics I
- Electronics II
- Electronics III
- Advanced Electronics ( Communication Electronics)
- Digital I
- Digital 2
- Lighting Designs

## **PUBLICATIONS**

- (1) A versatile High – Magnification kerr magneto-optic microscope  
J. Of Applied Science 1980
- (2) An investigation of the magnetization distribution and magnetization process in symmetrical 90 degrees Ni-Fe chevron elements – computer bubble memories  
IEE transactions on magnetic, Vol. Mag-17 No., 6 Nov 1981
- (3) Comparison of the magnetization distribution in Ni-Fe I- bars of differing dimensions  
Fifth International thin film conference. Proc. Tel-Aviv. 1981
- (4) A new era in magnetic head design AL-Najah university journal of research
- (5) Ferromagnetic thin film magneto resistive transducer  
Electronic and Power, Mag. Feb 1982

## **PATENTS AND AWARDS**

- (1) Coin Validation System British / European patent. No. 82305086.9
- (2) Novel flat magneto resistive head design ,British / European patent No. 0075413
- (3) Instrument for measuring ( accurately ) magnetic fields  
First Prize – 1980 – Idea for industry – Welsh development agency

## **REFERENCES**

Available upon request

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