**Tabulated Curriculum Vitae**

Emeritus Professor Dr. Eng. Mohamed A. Rifai

Born December 9th 1937 Alexnandria - Egypt

Tel: 01003077035 / 002-02-2741222

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1951-1956 Secondary school - Alexandria

1956-1961 Faculty of Engineering, Production Engineering Dept. – Alexandria

1961-1962 Production Engineer, Public Transport Authority – Alexandria

1962-1967 Scholarship for PH.D, Iron & Steel Institute – Moscow

1967- 1973 Lecturer, Faculty of Engineering, Al Azhar University

1977-2013 Professor, Faculty of Engineering, Al Azhar University

2013 Emeritus Professor, Faculty of Engineering, Al Azhar University

**Consultations**

1967-1977 Powder Metallurgy unit, SABI for Precision Engineering – Egypt

1970- 1971 Design and manufacturing supervision of a new LOCK production line Al Ahram Lock Company – Egypt

1973 Study for production of Missile Nozzles from Carbon, National Research Center– Egypt

1973-1974 Study for development and Production of an improved Breaking system, Volvo – Sweden

1974 Visiting Professor, Institute of Technology, Trondheim – Norway

1974 Development of the Production line of Hard Alloys – Norway

1980 Visiting Professor, Metallurgy Dept. Head, Faculty of Petroluem and Mining, Elfateh University – Libya

1980 Material study for production of high pressure pumps, El Breiga Petroleum Company, Libya

1988 Study for the production of Penetrators – Ministry of Military Production - Egypt

1993 Study on Orthopaedic Prosthesis – Al Azhar University

1994 - 2022 Perform numerous studies on biomaterials, design and production of orthopedic/dental fixation and reconstruction.

Studies on Maxillofacial Fixation and Dental implants – Al Azhar University Study the chalanges of developing the automotive industry – El Nasr Automotive

**Teaching activities**

1967 - 2012 Production Engineering, Metallurgy, properties of material – corrosion protection, poweder metallurgy and modern materials

**Research activities**

Numerous public research in the fields of production engineering- powder metallurgy- military special products and Bio materials

 **Transaltions**

1968-1969 2 books in the fields of powder metallurgy and metal cutting

 Co-Author Workshop Machine Technology

**Conferences**

1965-2001 Participation in numerous International and Local conferences

1985 Energy conservation in metallurgical industry in Egypt

1994 Estimation of GHG emissions in Eygpt up to the year 2020 world resource review vol.6

1995 UNEP greenhouse gas abatement costing studies case studies on Egypt

**Social activites**

Member of the board of directors, Nasr City Sporting club

Member of the board of directors, Egyptian Modern Pentathlon Federation

Lions Clubs International, Head of Egypt Chapter