

# Curriculum Vita

## Personal

Name: **Yasser Mohamed Tawfic Ali**

Date of birth: April 12-1967

Address: 801 Zahra Nasr City, Cairo, Egypt

Status: Married and having three Children

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## Education

**1- B. Sc. degree, July 1990, very good.**

M.T.C. Department of Chemical and nuclear Engineer, Cairo, Egypt.

**2- M. Sc. degree, June 2003**

Faculty of Eng. Department of Chemical Engineer, Cairo University, Cairo, Egypt.

**3- Diploma of Chemical Captain Career course, 8 April -28 Sept. 2006 U. S. A.**

**4- Consultant Engineer** in the field of production of fertilizer and insecticide (2008).

**5- Ph. D degree ( Effects of metal oxide nanoparticles and matrix interface on nanocomposite properties )**

## Publications

1- "Development of an empirical correlation for heat transfer in fluidized bed heaters"  
Castella :28-VI-2004. **Y.M.Tawfik, M.M.k.** Fouad, **A.** Soliman, S.S. EL Shishini.

2-"Characterization of  $\text{Co}_x\text{Zn}_{1-x}\text{Fe}_2\text{O}_4$  nanoparticles synthesized by sol-gel method" Y.M.Tawfik, E.Abader, E.Sabahy,

3-Effect of metal oxide nanoparticle on EPDM rubber.

Y.M.Tawfik, E.Abader,

## Work Experience and Training:

Working as operator engineer in (Phosphours Trichloride factory) United company for chemical and pharmaceutical products (June 1992)

Working as engineer Project manager in (Organo Phosphours Compound factory) United company for chemical and pharmaceutical products (June 1993)

Working as researcher engineer in (Phosphours Oxychloride factory) United company for chemical and pharmaceutical products (June 1994)

Working as operator engineer in (Niclosamide factory) United company for chemical and pharmaceutical product (June 1995).

Working as operator engineer in N<sub>2</sub>,O<sub>2</sub> plant in United Company for chemical and pharmaceutical products.

Working as quality control engineer United company for chemical and pharmaceutical products (June 1997)

Attendance of a short training for 6 week about **(instrumental analysis ( SEM, TEM, ICP-MS, XRD, IR) Application technology in industry and environment)**

Organized by chemical Institute, Egypt, ( **Nov. 2000**).

Working as lecturer for the chemical and protection courses in the chemical Institute, (**Oct. 2006 to Dec. 2008**).

### **Leadership Positions:**

Taking a position as the head of the chemical laboratories, (**july1999 to Jan2006**)

Taking a position as the head of chemical course and nuclear radiation measurement course in the chemical institute, (jun.2007 to dec.2008)

Working as quality control and research development in AL-BADDAH company for solid surface and cultural marble ( in JEDDAH ) 2011

Working as production manger company for solid surface and cultural marble ( in AL AFIFY ) 2011

Working as research and development in AL-Tayseer chemical company ( in JEDDAH ) 2012.

Consulting engineering in Egyptian National Railways ( 2016- 2021)

### **Other activities:**

Attendance of average 2 weeks in Hanover fair, Germany, (**8-19 Jan 1992**).

Attendance of U.K. Engineering field Activities, U.K, and (**10-25 Jun. 1995**).

### **Teaching activities (Higher institute of engineering and technology dammitta)**

1-Water desalination , industrial technology in chemical engineering ,corrosion science and engineering, Electroplating, principal of engineering design, reactor design, polymer processing, nanotechnology, quality and quality control,(2017-2023)

### **Current areas of interest**

- 1- *Polymers preparation, modification, characterization and its applications.*
- 2- *Nanoparticles and nanocomposite for technological and engineering applications.*

### **Computer Skills**

- 1- Microsoft (Windows, WinWord, PowerPoint, Excel).
- 2- SPSS
- 3- PREMAVERA

### **Languages:**

English Very Good (writing, listening and speaking)