**Arab Republic of Egypt**

# Assiut university

**Faculty of Engineering**

**Mining and Metallurgical Engineering Department**

**Curriculum Vita**

**Name : Abdel Naser Mohamed Abdel Rahman**

**Date of Birth : 27/11/1959**

**Place of Birth : Elmotea - Assiut**

**Nationality : Egyptian**

**Marital Status : Married**

**Children : Four**

**Major Area : Mining Engineering (Geological Engineering)**

**Scientific Transcript**

**\* B. Sc. *“Mining and Metallurgical Engineering”,* Faculty of Engineering, Assiut University, May 1982.**

**\* M. Sc.  *“Mining Engineering”,* Faculty of Engineering, Assiut University, August 1990, Title of Thesis:**

 ***“Geological Engineering Assessment of the area East Sohag, Upper Egypt”.***

**\* Ph. D. *“Mining Engineering, Mining Geology”,* Faculty of Engineering, Assiut University, February 1998. Title of Thesis:**

 ***“Variation of Geotechnical Properties of Rocks in Relation to Microgeological Factors”.***

**Career Transcript**

* **Member of Egypt Engineers Syndicate from 1983 until now.**
* **Member of the Arab Mining & Petroleum Association from 1998 until now.**
* **Demonstrator in Mining & Metallurgical Engineering Department, Faculty of Engineering, Assiut University, From 1983 to 1990.**
* **Assistant Lecturer in Mining & Metallurgical Engineering Department, Faculty of Engineering, Assiut University, From 1990 to 1998.**
* **Assistant Professor in the Mining & Metallurgical Engineering Department, Faculty of Engineering, Assiut University, From February, 1998 to February 2013.**
* **Consulting member in the Engineering Consulting Center of Assiut University from 1998 to February 2013.**
* **Visiting Researcher in the Institute of Environmental Systems, Kyushu University, Japan from February to August 2000.**
* **Consultant of the New Cities; Assiut and Sohag for the discovery and geotechnical assessment of quarrying and building materials between 2007 and 2010.**
* **Geotechnical Consultant of the raw materials which use in the construction of the Assiut New Barrage.**
* **Assistant Professor in the Petroleum Engineering Department, Faculty of Engineering, Zawyah University, Libya From February, 2013 till now.**

**Scientific Activities**

**1- Teaching:**

* **Assist in teaching the following undergraduate courses from 1983 to 1997**

**“Descriptive Geometry” for Preparatory year, “Plan Surveying” for First year Mining and Civil, “Geological Engineering” for First year Mining and Civil, “Mining Geology I” for Third Year Mining, “Mining Geology II” for Fourth year Mining, “Geostatistics” for the Fourth year Mining; from 1998 until now.**

* **Teaching of the Following courses:**
	+ - **Engineering Geology: course for the First year Mining.**
		- **Engineering Geology: course for the First year Civil.**
		- **Mining Geology "I”: course for Second year Mining.**
		- **Mining Geology "II”: course for the Third year Mining.**
		- **Mining Project: for the Final year undergraduate students including training in laboratories or in field besides the preparing of the project thesis.**
		- **Physical Geology for the Petroleum and Geological Engineering students.**
		- **Structural Geology for the Petroleum and Geological Engineering students.**
		- **Geological Engineering I and II for the Geological Engineering students.**
		- **Geotechnical Site Investigation for the Geological Engineering students.**
		- **Preparing and Supervising Field Geological Engineering course.**
* **Supervising graduating Project in Geotechnical Engineering Division.**
* **Reviewing and evaluating Graduating Projects.**

**2- Experience:**

* **Teaching for students from 1984 until now in some universities.**
* **Mapping, studying and teaching of Engineering Geological maps.**
* **Sampling and testing of Geological Rock, ore and mineral Units ( 1985 -till now).**
* **Treatment of results and rock sections (thin sections and polished sections) using the software applications.**
* **Preparing and Supervising Field Geological Engineering course from February 2013 until now.**
* **Using the Image Analysis Systems in preparing and studying sections.**
* **Uses of X-Ray Diffraction applications to assess the mineralogy of samples collected and prepared.**
* **Electronic Scanning Microscope Training Periods ( 1990 & 1997 ).**
* **Preparing of approved and accepted proposal for the Engineering Educational Development Project EEDP ( 1995 - 1997).**
* **Share in solving problems faced the tunneling project in Japan with the Collages in the Institute of Environmental Systems, Kyushu University during 2000.**
* **Discovering and geological engineering assessment of quarry or mine ores, rocks or soils and building or ornamental raw materials.**
* **Evaluation and assessment of raw materials which use in constructing Assiut New Barrage.**
* **Teaching in the Petroleum Engineering Department ( includes Petroleum, Geological and Geophysical Engineering Divisions ), Faculty of Engineering, Zawyah University, Libya from February 2013 until now.**
* **Coordinator of the Geological Engineering Division, Petroleum Engineering Department, Faculty of Engineering, Zawyah University, Libya from February 2013 until now.**

**3- Languages: ( English + French ).**

**List of Publications**

**1- “Engineering geological assessment of area East of Sohag, Upper Egypt”, 28th International Geological Congress, Abstracts, Washington, D. C. USA, July 9-19, 1989.**

**2- “Engineering Geological Assessment of Eocene-Quaternary Sequence, East of Sohag, Upper Egypt”, International Conference on Geoscience in URBAN Development, Abstracts, 11-15 August 1993, Beijing, China.**

**3- “Geotechnical assessment of the Lower Eocene limestones, East of Sohag, Upper Egypt” , The 4th Mining, Petroleum and Metallurgy Conference, Faculty of Engineering Assiut University, Assiut, Egypt, 5-7 February, 1994**

**4- “Geotechnical properties of rocks in relation to microgeological factors: [1] Petrography”, The 6th International Mining, Petroleum, and Metallurgical Engineering Conference, Faculty of Engineering, Cairo University, Cairo, Egypt, February, 20-24, 1999.**

**5- “Geotechnical properties of rocks in relation to microgeological factors: [2] Texture coefficient”, Proceedings of the 6th International Mining, Petroleum, and Metallurgical Engineering Conference, Faculty of Engineering, Cairo University, Cairo, Egypt, February, 20-24, 1999.**

**6- “Core drillability of some Egyptian rocks: [1] effect of operational conditions”, Proceedings of the 7th International Mining, Petroleum, and Metallurgical Engineering Conference, Faculty of Engineering, Assiut University, Assiut, Egypt, February, 10-12, 2001.**

**7- “Formation of blockfields in the Hirao granodiorite and effects of tunneling work on the natural environment”, Proceedings of the 7th International Mining, Petroleum, and Metallurgical Engineering Conference, Faculty of Engineering, Assiut University, Assiut, Egypt, February, 10-12, 2001.**

**8- “Core drillability of some Egyptian rocks: [II] effect of physical and microgeological properties”, Journal of Engineering Sciences, Vol. 29, No. 3 (2/2), September 2001**

**9- "Using diamond core drilling parameters for identifying the rock type to be drilled ", Journal of Engineering Sciences, Vol. 30, No. 4, pp 1011-1025, October 2002**

**10- "Geotechnical properties of Egyptian Alabasters", Under publication.**

**11- "The geotechnical evaluation of Nubian Sandstones from Upper Egypt", Under preparation.**

**12- "Effect of the micro-geological factors on the engineering properties of Egyptian travertine", under preparation.**

 **The Author**

 ***Dr. Abdel Naser M. Abdel Rahman***

 **Assisst. Prof. of Engineering Geology,**

 **Mining Eng. Dept., Faculty of Eng.,**

 **Assiut Univ., Assiut, Egypt.**