



Ayman A. Mohamed Abo Jabal. Ing. PhD.

Personal data

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Date of birth: 5th-09-1968

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EDUCATION

PHD IN CHEMICAL ENGINEERING

31750 Tronoh, Universiti Teknologi PETRONAS
Malaysia, Jan – 2007/ Oct – 2012

**DEGREE IN PLASTIC, RUBBER AND LEATHER TECHNOLOGY
(MSC EQUIVALENT) (Synthetic Polymers and Biopolymers)**

T. G. Masaryka 5555 760 0, Czech Technical University
Czech Republic (1991/96)

OBJECTIVE (S)

To contribute and expand my knowledge of chemical enhanced oil recovery, Project management, polymer synthesis, Material Sciences and engineering, material syntheses and tailor application.

To contribute and expand my knowledge to develop of entrepreneur program, and addresses the needs of R&D, support innovation and creation strategies, research commercialization and technology transfer, currently strengthening my links with the industry partners.

To promote the utilization of intellectual products and innovation and creation to create a business value from innovative solutions, accompanying it's with clients from the innovation idea all the way to selling the intellectual products by providing complex innovation services and strengthens my academician links with the industry partners.

ACADEMIC EXPERIENCE

SUDAN UNIVERSITY OF SCIENCE AND TECHNOLOGY, SUDAN

<http://sustech.edu/>

Assistant Professor. (2007 - present)

Teaching undergraduate students and conducting research.

Conducting lectures for the following courses:

- a. General Chemistry
- b. Physical Chemistry
- c. Polymers Physics
- d. Research and Methodologies
- e. Polymer Materials Testing and Analysis Techniques
- e. Quality Control and Testing Materials
- f. Physical Chemistry
- g. Bio-based raw materials
- h. Reaction Engineering
- i. Project Management
- g. Polymers Propriety And Applications
- h. Quality Control and Testing Materials
- i. Research methodologies

CENTER OF EXCELLENCE FOR ENHANCED OIL RECOVERY (EOR)

<http://www.utp.edu.my/MOR/Enhanced-Oil-Recovery/>

PhD Student as research fellow (2010 - 2012)

Laboratory demonstrator for undergraduate students and conducting research

UNIVERSITY TECHNOLOGY PETRONAS, MALAYSIA

<http://www.utp.edu.my>

PhD Student as research fellow (2007 - 2012)

Teaching undergraduate students and conducting research

FACULTY OF ENGINEERING, SUDAN UNIVERSITY OF SCIENCE AND TECHNOLOGY, SUDAN

<http://www.sustech.edu.sd>

Teaching Assistant (2004 - 2007)

Teaching and laboratory demonstrator for undergraduate students

EXPERIENCE

ABO JABAL INTELLECTUAL PROPERTY FOR TECHNOLOGY TRANSFER AND INNOVATION (AJIPTI),

FOUNDER & CEO (2014 - present)

AJIPTI is innovative company in Sudan, bearing as a focal point for Education - Industry Liaison Office. Where is the unique synthesis between knowledge, innovation and technology together for the purpose of the new collective knowledge generation, formation of asymmetric skills, development of new

emerging technologies and also transfer and development of modern innovations to launch knowledge based society. Creation and development of the business model. Definition and implementation of the growth strategy.

Definition and execution of the strategy to bring the results of the research generated at the Universities of Sudan to the market, in the industrial sectors, by means of contracts for R&D, consultancy services and the protection, valuation and licensing of patents.

General Registrar of Intellectual Property, Ministry of Justice Sudan

AGENT FOR PATENT REGISTRATION & TECHNOLOGY TRANSFER ADVISER (2014 - present) Registration of IP, Strengthen smart partnerships strategy with universities and research centres, with companies and government agencies, and institutions of economic development, and investors for the classification of a wide ribbon of business activity for Scientific Research and building the knowledge based society.

Execution of the strategy to bring the results of the research generated in Sudan Universities (Sudan) to the market, in the industrial sectors, by means of contracts for R&D and consultancy services.

REYADAH CENTER FOR ENTREPRENEURSHIP AND BUSINESS DEVELOPMENT, SUDAN

Consultant (2012 – 2013)

Definition and implementation of the best practice to develop, deliver high quality entrepreneur programs intended to accelerate and enable a step change in the quantity, quality and effectiveness of business creation support innovation and creation strategies.

SARIA INDUSTRIAL COMPLEX

Quality Control Manager (2000 – 2003)

Inspection, materials, production and product development.

GARA TANNERY OTROKOVICE IN CZECH REPUBLIC

Production Manager (1996 – 1998)

Technologist, Planning and developing of Technological procedure for the production.

PUBLISHED JOURNAL PAPERS:

1. Norizan Alia, Mohanad El-Harbawi , **Ayman Abo Jabal** a, Chun-Yang Yin b,* “Characteristics and oil sorption effectiveness of kapok fiber, sugarcane bagasse and rice husks: Oil removal suitability matrix, Environmental Technology”., Volume 99999, Issue 1, 2011.
2. Hani Kh. Idris, M. Azmi Bustam, **Ayman Abo Jabal** and Saikat Maitra., Some Studies on the Synthesis of Iron Nanoparticles, Indoceram :Indian Ceramic Review, 46 (3). pp. 53-60, 2010
3. **Ayman Abo jabal**, Isa M. Tan, Zakaria Man, Saikat Maitra, a kinetic analysis of the degradation of grafted anionic polyacrylamide gel under nonisothermal

condition, Journal of Engineering Science and Technology, Vol. 4, No. 4 (2009) 364 – 373

4. **Ayman Abo Jabal**, Isa M. Tan, Zakaria Man and Saikat Maitra., Studies on the non-isothermal degradation kinetics of grafted anionic polyacrylamide gel, Caledonian Journal of Engineering Volume 04, Number 02, July-December 2008.
5. Totok Binanto., Bambang Ariwahjoedi ., **Ayman Abo Jabal**., “Recent developments in modeling of MONITORING IN THE ANAEROBIC BIOREACTOR SYSTEM”., Journal of Engineering Science and Technology, Vol. 3, No. 3 (2008) 278 – 292, © School of Engineering, Taylor’s University College.
6. Elraies, K. A. Tan, I. Fathaddin, M., and **Abo jabal, Ayman**. (2009). “Development of a New Polymeric Surfactant for Chemical Enhanced Oil Recovery”., Petroleum Science and Technology, UK. Paper ID, LPET-2009-0342. R1.

PUBLISHED CONFERENCE PAPERS:

1. **Abo Jabal**., Isa, M Tan., Zakaria, Man., Saikat, Matra., “Rheological behavior of polyacrylamide and polyacrylic acid for enhanced oil recovery”., ESTCON, 2010, KLCC, Kuala Lumpur.
2. **Ayman, Abo Jabal**., Isa, M Tan., Zakaria, Man., Modified anionic polyacrylamide gel for improved oil recovery, NPC, UTP, 2008.

ACCEPTED CONFERENCE POSTERS

1. **Ayman Abojabal**, “Modified anionic polyacrylamide gel for enhanced oil recovery”., professional/papers/s spec, 2009.
2. **Ayman Abojabal**., ‘Modified anionic polyacrylamide gel for enhanced oil recovery’, professional/papers/s spec, 2008.

MEDALS AWARD

1. **Ayman, Abo Jabal**., Isa, M T., Zakaria, Man., Gold medal awarded, Chemical stability limits of polyacrylamide polymers used in Oil Recovery Processes, EDX, UTP, 2009.
2. **Ayman, Abo Jabal**., Isa, M T., Zakaria, Man., Silver medal awarded, “Modified anionic polyacrylamide gel for enhanced oil recovery” EDX, UTP, 2008.
3. **Ayman, Abo Jabal**., Isa, M T., Zakaria Man., Bronze medal awarded., “Modified anionic polyacrylamide gel for improved oil recovery”, EDX, UTP, 2007.

REFERENCES:

- 1- Prof. Dr. Mehmet Raif Birol Demiral, Director of Curriculum Reservoir Engineering at NExT Schlumberger Schlumberger, email: BDemiral@slb.com
- 2- Associate prof. Dr. Abdalla Belal, Postgraduate study Director Hail University, Saudi Arabia E mail: abdallabelal@hotmail.com
- 3- Professor Noaman El-Khatib
Universiti Teknologi Petronas, Malaysia
E mail: noaman_elkhatib@petronas.com.my
- 4- Professor Saikat Maitra Government College of Engineering and Ceramic Technology, Kolkata-700010, India E mail: maitrasaikat@rediffmail.com
- 5- Professor Peter Saha, Tomas Bata University in Zlín, Czech Republic mail: klasek@ft.utb.cz
- 6- Professor klasek Antonin, Tomas Bata University in Zlín, Czech Republic email: klasek@ft.utb.cz