Curriculum Vita

Personal Information

Name Fayyadh Faisal Saleh Bin Taleb
(Faculty of Science) University of Aden) – Yemen.

Address **Zayied City**- Giza. Egypt. (Residence).
Telephone (+201026295520) Egypt.
(+967-771803799)

Email fayadh_gold@hotmail.com

Nationality Yemeni
Date of birth 13th of March 1976
Gender Male
Marital status Married

Education

University Degrees

April-2011 to March 2015

- ***M.Sc. Chemical Science***

Department of Industrial Chemistry (Material Chemistry and Advanced Materials), School of Chemical Sciences. Universiti Sains Malaysia, USM (Penang, Malaysia).

Sept- 1997 to July-2002

- ***B.Sc. Chemistry and Biology***

Faculty of Sciences and Education. University of Aden (Aden, Yemen).

Last Work Experience

July-2017 to Feb 2020

- Teaching : Academic Session 2016/2017, Semester I; General Chemistry –I (Theory) and Inorganic Chemistry –I (Practical). For First Level.
- Semester-II; General Chemistry –II; and Inorganic Chemistry –II (Practical). First Level.
- Industrial Chemistry -1. Academic Session (2016/2017).

Research Topic

Lignin Extracted from Black Liquor of Oil Palm Empty Fruit Bunch (EFB) Fiber as a raw material used in the Formulation of Environmental Friendly Drilling Mud additives as a Thinner and thickener. Synthesis and Characterization of LignoPEX Copolymer from Black Liquor of Oil Palm Empty Fruit Bunch (EFB) Fiber for the Formulation of Low Pressure and low temperature LPLT), and High Pressure and High Temperature (HPHT) for enhancing the drilling mud properties.

July-2003 to October 2010

- *Head of Department (Chemistry of blood and hormones) at Aden Diagnostic Center (Aden, Yemen).*
  - Main activities and responsibilities:
- Medical tests (blood sugar, lipids, hormones levels, and other blood tests related diseases)
- Diagnosis of cancer and tumors in the blood.
- Hb and protein electrophoresis.
- Fundamental of Q.C in the Medical Laboratories

Awards

Patent-03- 2014 (WIPO)

- *A method For Producing A Thermal Stable Fluid Loss Reducing Agent For Water-Based Drilling Fluid.*

Owners: Mohamad Nasir Mohamad Ibrahim and ***Fayyadh Faisal Saleh Bin Taleb.***
Priority number no: ***PI 2014700629 (Malaysia) and WIPO (WO 2015/142156 A1and A8).***

18-11-2015

- Gold Medal in the 8th international invention fair in the medal east hosted by the Kuwait Science Club, Kuwait- November, 2015.

30-12-2015

- Prize of Arab Youth Council for Integrated Development for Scientific research (Egypt).

Publication

02-2012

- ***Application of lignin from oil palm biomass as a fluid lost reducer.*** *(Advanced Material Research Vols. 463-464, pp 822-826)*

Authors: Fayyadh Fasial Saleh Bin Taleb and Mohamad Nasir Mohamad Ibrahim.
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Databases

- *Research Gate*

https://www.researchgate.net/profile/Fayyadh_Bin_Taleb/stats/report/weekly/2020-07-19

Courses & workshops

January- 2012

- *Occupational Safety and Health. (Universiti Sains Malaysia, Penang, Malaysia).*

Novmber-2008

- *Practical Training in Medical labs (Al-Berg Laboratory, Cairo, Egypt).*

December-2014

- *Research Colloquium: 'A New Fluid-Loss Reducer for Water-Based Mud', iPharm, School of Chemical Sciences. Penang, Malaysia.*

Conferences:

Jan-2013

- ***2nd*** *International Conference on Integrated Petroleum Engineering and Geosciences (ICIPEG) (Kuala Lumpur, Malaysia).*

June-2012

- ***2nd*** *International conference on Advanced Material Research (ICAMR)*
  (Chengdu, China).

January- 2012

- *International Conference for Young Chemists (ICYC)*
  (Penang, Malaysia).

Research interests

Possible R&D in the following areas:

- Forensic Chemistry and applications
- Nanotechnology in the Forensic Science (Nano-forensics) and Nano-Chemistry.
- DNA Profiling (DNA fingerprinting) & forensic fingerprint.

- Biomaterials and - chemicals based on Lignin
- Nanostructured biomaterials
- Extraction of lignin from Coconut Fibers and OPEFB or any biomass waste to using as a raw material for many possible applications.
- Drilling fluid additives & Drilling fluids for oil drill deep well Operation
- Chemicals for enhanced oil recovery (Polymers in EOR)
- Polymers as anti-corrosion, adhesives technology. etc. purposes

Languages

- *Native Arabic*
- *English (Very Good).*

Computer Skills

MS office applications (word, PPT, Excel, etc.)