

## Dr. Shallal Naif Mahdi

### Lecturer / Department of Petroleum Engineering



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### Education:

- PhD, University of UTC&IFP , 1991 Year
- MSc, University of Nantes , 1987 Year
- BSc, University of Baghdad/College of Engineering , 1974 Year

### Profile:

Appointed in Basra Petroleum Co. (BPC) as petroleum engineer and worked for more than 35 yrs. in all Iraqi oil and gas fields as Petroleum engineer and expert in all technical and managerial positions in the Extraction Sector for exploring, drilling and production functions including reservoirs and fields developments including man power development technically and managerial sides.

Academically, I worked as a lecturer first for two yrs. (1993- 1995)at College Of engineering of Baghdad Univ., also I worked as appointed lecturer in Alfarabi University College since 2017 till now.

### Teaching

I was a lecturer and director of National Committee of Drilling Cadres of Iraq(Continuous enlivenment)

and then academic lecturer for many courses for petroleum engineering like Drilling engineering / Petroleum economics and then Principles of petroleum engineering / Petroleum properties and for a short period Analytical chemistry.

### Publications

**Tens of Ministry and National Conferences and researches, where exterior publishing was not allowed. Here below are some of latest:**

- 1- **“The Iraqi petroleum production policy 2020-2030, between the constraints of both, the possible and the ambitious”.oct.2020,Sij , Usteraly**
- 2- **“Difficulties of Explorationests in decision making under complex constraints of Technical/Economical and Geopolitical environment of risk and uncertainties”, Alfarabi Univ.College Journaloct.2020**
- 3- **“Characterization of Rheological Behavior of Non-Newtonian Oil Well Drilling Muds at Low Shear Rates ”,Oct. 2020Sij, Australy..**
- 4- **“ Difficulties of Explorationests in decision making under complex constraints of Technical/Economical and Geopolitical environment of risk and uncertainties “,The First Scientific Conference of Exploration 21-22 November, 2018, Ministry of Oil of Iraq.**

### Research Focus

**Petroleum engineering and oil economy, Clean energy. Drilling automation and Artificial Intelligence in petroleum industry are the basic of my research focus , but, Physical astronomy and beginning of life on earth and human intelligence and evolution have part of my science and historic interests.**

### **Affiliations/Activities**

**Artificial intelligence is the most subject still under cooperation with Iraqi local universities and colleges to build academic base as for a delayed subject, while still contagious activity of many affiliation boards, like Iraqi Engineering board and Petroleum Engineering experts committee and others.**