

Assist. Lecturer: Mohammed Gassab Shamikh



Department of Petroleum Engineering

Reservoir Engineering / Simulation

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Education:

MSc, University of Baghdad , 2002

BSc, University of Baghdad , 1990

Profile:

1996 – 1992	External Instructor at the Laboratories of Petroleum Engineering Department-Baghdad University.
1996 – 2002	Appointment as a Petroleum Engineer at the Petroleum Engineering Department-Baghdad University.
2001 – 2003	Appointment as an Assistant Lecturer at the Petroleum Engineering Department-Baghdad University.
2002 – 2003	Director for Internet Unit at Engineering College-Baghdad University.
2003– 2004	Dean's Assistant for Administrative and Financial Affairs at Second Engineering College-Baghdad University.
2004 – 2005	Lecturer at College for Human Development-Omdurman Islamic University (Engineering Diploma Branch-Sudan).
2005 –2013	Lecturer at College of Engineering-Omdurman Islamic University (Sudan).
2005 –2013	Lecturer at Petroleum Engineering Department – Khartoum University (Sudan).
2013–Until now	Lecturer at Al-Farabi University College-Department of Petroleum Technology Engineering (Iraq)

Teaching

ENGINEERING MATHEMATICS: To develop mathematical skill so that students are able to apply mathematical methods & principals in solving problem from Engineering fields.

NUMERICAL METHODS AND RESERVOIR SIMULATION: This course covers the derivation of basic equations as well as the underlying ideas utilized in the development of reservoir simulators. It describes the development of a basic governing equation, as well as partial differential equations for single-phase and multiphase flow in porous media. The equations are solved using finite difference approximations. The input data requirements and uses of simulation models for history matching and field performance prediction are described. Many of the examples and exercises make use of a spreadsheet, such as Microsoft Excel.

Affiliations/Activities

- ❖ Member of Iraqi Engineers Union.
- ❖ Secretarial Member of the Fourth Engineering and Scientific Conference Held at the College Of Engineering - Baghdad University.
- ❖ Member of the Continuous Education Committee College of Engineering- Baghdad University.