CURRICULUM VITA

Full Name: Ghazwan Noori Saad Jreou
Nationality: Iraqi
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Education:

1984 – 1988: University of Baghdad, college of engineering, B.Sc. PME

1993 – 1994: : University of Baghdad, college of engineering, petroleum and mining Eng. Dept., M.Sc. engineering courses (two terms).
1994 – 1996: University of Baghdad, college of engineering, petroleum and mining Eng. Dept. M.Sc. Thesis Project (Contract granted from NOC).

Thesis title **" A PHASE BEHAVIOR COMPOSITIONAL MODEL TO INVESTIGATE MISCIBILITY CONDITIONS FOR JAMBOUR CRETACEOUS OIL RESERVIOR".**

2002 – 2004: : University of Baghdad, college of engineering, petroleum Engineering Deaprtment. Ph.D Courses (two terms).

2005 – 2007: : University of Baghdad, college of engineering, petroleum Engineering Deaprtment. Ph.D Dissertation Project (Contract granted from SOC).

Ph.D Dissertation Title " **A Study For Increasing Productivity From AB Formation Unit in South Rumaila Oil Field By Designing A Horizontal Wells Network" .**

Training: (Methodical Application)

- Summer of 1988 in water wells drilling company, Irrigation Ministry, Design & Development of Water Wells Department.

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ACTIVITIES:-

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1993-   1996: North Petroleum Company (NPC)/Granted a scholarship for M.Sc. Degree Study in Petroleum Engineering / constructing a compositional model (MIS-MODEL) that deals with PVT analysis, phase analysis & predicting M.M.P.

- The experimental work of M.Sc. research was done at the petroleum development and research center of OM (PVT & Coring Analysis Laboratory).

1996 – 1997: part time, scientific activities and teaching in different places.

1998 - 1999 : Contacts with PRC (Tripoli / Libya) was established for joint proposal of compositional modeling activities.

2005 – 2007: South oil company (SOC) / Granted a scholarship for Ph.D. degree study in petroleum engineering / A reservoir study with simulation software technique about south Rumail oil field, deals with the main reservoir of the oil field incorporated all field activities, history matching, analysis and prediction behavior for increasing oil production from AB formation unit by implementing of A Horizontal Wells Network.

2- Tasks and committees
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3- Academic:

Full Time: Assist Lecturer

April (1997) - Sep. (2001): Technical Higher Center for Trainer Development in Zletin (Libya).
                    Duties include:
- Lecturing.
- Supervision.
- Discussion of Engineering Projects.

Jan (2008) –Follow up: - **Full Time.**

University of Kufa - College of Engineering.

- Lecturing Engineering Courses (Fluid Mechanics, Engineering Drawing, extractive metallurgy, Mathematic II, Engineering mathematics, Engineering Mathematics and numerical analysis).

Sep. (2009) – Jun (2010):- Part Time.
University of Baghdad – College of Engineering / Petroleum Engineering Department.
- Gas Technology
- Introduction to Matlab software applications.

Sep. (2012) – Jun (2013). Part Time.

University of Basra- College of Engineering, Petroleum Eng.Dep.
- Reservoir Engineering II.
- Production Engineering I.
- Principal of Petroleum Engineering.

- **Technical interests :-**
- Reservoir simulation (Training with Win boast, CMG, Simbest, Exodus 4.2, FEKETE,…..other companies).
- Preparing of computer phase behavior programs (by visual basic)
- Multi-phase fluid flow modeling.

Memberships:

-Iraqi Engineering Union Member since 1988.
-Society of Petroleum Engineering Member since 1998.

Researches:-
There are a lot of published papers, most of them deals with petroleum engineering (Reservoir Engineering activities), published in different journals and conferences.

Seq.	Title	Scientific magazine	Year of issuance
1.	A phase Behavior Compositional Model for Jambour Cretaceous Oil Reservoir.	Journal of Engineering College Baghdad - Iraq	1997
2.	Investigation and optimization of Miscibility Conditions for Jambour Cretaceous Oil Res.,	7th MPC 2002, Tripoli, Libya.	2001
3.	The Development of Interaction Coefficients for Jambour Cretaceous Oil Reservoir.	Journal of Engineering College Baghdad - Iraq	1998
4.	Hydrocarbon Minimum Miscibility Pressure Correlation's for Jambour Cretaceous Reservoir.	Journal of Engineering College Baghdad - Iraq	1998
5.	Development of Phase Envelope For Reservoir Fluids With EOS Compositional Prediction Method. Under Evaluation.	Arabian Engineer Journal, Syria 2001.	2001
6.	Rapid Method to Investigate Miscibility Condition By Slim – Tube Apparatus.	7th MPC 2002, Tripoli, Libya.	2001
7.	Optimum Condition for Oil and Gas Separation by Compositional EOS Modeling.	Engineering journal - Jordan	2000
8.	Miscibility Optimization By Neural Network Modeling.	8th MPC 2002, Tripoli, Libya.	2003
9.	Application of Neural Network in the Identification of the Cumulative Production from AB unit in Main pays Reservoir of South Rumaila Oil Field.	The Chemical and Petroleum Engineering Journal	2009
10.	Determination of reservoir pressure by application of Neural Network (A Case Study).	1st Conference for Pure and Applied Sciences – Kufa University	2008
11.	Risk Analysis Application to the Petroleum Field Development A Southern Iraqi Oil Field - case study.	2nd Conference for Pure and Applied Sciences – Kufa University	2009
12.	Modelling of Reservoir Producing from Commingled Irreconcilable Layers	11th MPC 2010, Tripoli, Libya	2010
13.	Increasing of Oil field Production by Adopting of Horizontal Wells Networks – Case Study Part II	2nd Scientific conference for Zarqa university – Jordan	2010

14.	A study of increasing south rumaila oil field production by application of horizontal Injection well- (A case study)	IJET-IJENS Vol: 12 No: 01	2012
15.	Reservoir pressure mapping by application of Neural Network – case study.	Post ponded	
16.	Application of neural network to optimize oil field production, field development - view point.	Asian transaction on Engineering	2012
17.	Representation of reservoir behavior by using of electrical circuits simulation analog	Under research	
18.	Preliminary simulation study for Nasiriya Oil field	IJET-IJENS Vol:13 No:05	2013