أ.د. السيد محمد جمعة

أستاذ هندسة خزانات البترول بكلية الهندسة – جامعة الأزهر بالقاهرة.

حاضر د. سيد جمعة في قسم هندسة البترول وتكنولوجيا الغاز بكلية الهندسة بالجامعة البريطانية بمصر لعشرة أعوام كما حاضر أيضا بقسم هندسة البترول بكلية الهندسة والتكنولوجيا بجامعة المستقبل بمصر كما حاضر لطلاب هندسة البترول بكلية الهندسة جامعة القاهرة نظام الساعات المعتمدة بالإضافة إلى تدريسه بجامعته الأم جامعة الأزهر للفرق الثانية والثالثة والرابعة هندسة البترول وكذلك تدريسه لطلاب الدراسات العليا بهندسة البترول.

شارك د. سيد جمعة في الإشراف والحكم على العديد من رسائل الماجستير والدكتوراه بهندسة البترول جامعة الأزهر وجامعة السويس .

قام د. سيد جمعة بالمشاركة في الإشراف على طلاب هندسة البترول أثناء تدريبهم بحقول البترول بمصر.

كما قام د. سيد جمعة بتنظيم رحلات تدريبية للطلاب بمعهد بحوث البترول.

ويقوم بالإشراف على مشروع التخرج لطلاب بكالوريوس هندسة البترول.

كما قام د. سيد جمعة بالتعاون مع باحثين من جامعة الأزهر وجامعة السويس وجامعة القاهرة والجامعة البريطانية بمصر وجامعة المستقبل بمصر وجامعة تكساس A&M بالولايات المتحدة الأمريكية مما له أثر كبير في تعزيز العلاقات بين الجامعات.

شارك في تقديم العديد من الأبحاث (تربو على 50 بحثا) في المجلات العلمية المرموقة التي تساهم في رفع المكانة العلمية لجامعة الأزهر من ناحية وريادة جمهورية مصر العربية من ناحية أخرى.

د. سيد جمعة تدور أبحاثه حول تقييم حالة حقول البترول بمصر وتقديم الحلول لزيادة إنتاجها. كما يهتم في أبحاثه بتطبيق تقنيات الذكاء الاضطناعي في مجالات هندسة البترول والغاز الطبيعي. كما لديه الخبرة لعمل علاقات رياضية للتنبؤ بخواص سوائل وصخور الخزانات وغيرها .

د. سيد جمعة له خبرة كبيرة بتقييم مخزون البترول والغاز وكيفية زيادة إنتاج البترول والغاز. كما لديه خبرة بتحليل بيانات اختبارات الآبار ومحاكاة الخزانات البترولية وطرق الإنتاج الثانوية والثالثية وغير ذلك.

د. سيد أيضا لديه خبرة لا بأس بها في مجال تحليل البيانات والإحصاء والبرمجة.

د. سيد أيضا لديه الخبرة في التعامل مع بعض البرامج البترولية التجارية مثل PETREL, ECLIPSE, SAPHIR

د. سيد يعمل مراجعا (Reviewer) لبعض المجلات العلمية كما عمل (Guest Editor for MDPI Journals)

Prof. Sayed Gomaa

Professor of Petroleum Reservoir Engineering at the Faculty of Engineering - Al-Azhar University in Cairo, Egypt.

For ten years, Prof. Sayed Gomaa lectured at the Department of Petroleum Engineering and Gas Technology, Faculty of Engineering, the British University in Egypt. He also lectured at the Department of Petroleum Engineering, Faculty of Engineering and Technology, Future University in Egypt. He also lectured for petroleum engineering students at the Faculty of Engineering, Cairo University, the

credit hour system, and taught at Al-Azhar University for the second, third, and fourth grades. He also taught for graduate students.

Dr. Sayed shared in supervising and judging many master's and doctoral theses in petroleum engineering at Al-Azhar University and Suez University.

Dr. Sayed supervised petroleum engineering students during their training in the oil fields in Egypt.

As Dr. Sayed organizes training trips for students at the Egyptian Petroleum Research Institute.

He supervises the graduation project for students of the Bachelor of Petroleum Engineering.

As Dr. Sayed Gomaa, in cooperation with researchers from Al-Azhar University, Suez University, Cairo University, the British University in Egypt, Future University in Egypt, and Texas A&M University in the United States of America, which has had a significant impact in strengthening relations between universities.

He participated in submitting many papers (more than 50 papers) in high-impact scientific journals that contributed to raising the scientific rank of Al-Azhar University on the one hand and the leadership of the Arab Republic of Egypt on the other hand.

Dr. Sayed Gomaa's research revolves around assessing the condition of oil fields in Egypt and providing solutions to increase their production. He is also interested in his research in applying artificial intelligence techniques in oil and natural gas engineering aspects. He also has experience in developing mathematical correlations to predict the properties of fluids and rocks in reservoirs and others.

Dr. Sayed has extensive experience in evaluating oil and gas reserves and how to increase oil and gas production. He has experience in well test analysis, reservoir simulation, water flooding, and EOR.

Dr. Sayed has significant experience in data analysis, geostatistics, and computer programming.

Dr. Sayed also has experience in dealing with some commercial petroleum software such as PETREL, ECLIPSE, SAPHIR

Dr. Sayed worked as a reviewer for some scientific journals and as a guest editor.

صفحته على بوابة google scholar

https://scholar.google.com/citations?user=495PM-kAAAAJ&hl=en&oi=ao

صفحته على بوابة ResearchGate

https://www.researchgate.net/profile/Sayed-Gomaa

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بعض الأبحاث العلمية ل أ.د. سيد جمعة

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أمثلة من بعض المجلات العلمية التي قام بالنشر فيها:

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https://www.nature.com/srep/

Fuel

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American Chemical Society (ACS Omega)

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Journal of King Saud University - Engineering Sciences

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