



# Certificate

of Paper Admission, Publication & Presentation

International Conference of  
Artifical Intelligence, Data Science and Digital Transformation In  
The Oil and Gas Industry

Dear MR. / MS. Sina Shakouri, Maysam Mohammadzadeh-Shirazi

Hereby this is to certify that your paper entitled as:

**A review of the application of machine learning methods in the estimation of formation damage  
caused by different processes in oil and gas production**

Has been admitted to be published in proceedings of the conference upon opinion of the reviewer committee and has been presented in this congress held on February 21-22 ,2023 in Iran University of Science and Technology with permission of ISC from ministry of science, research and technology of Iran. we ask The Almighty your ever-increasing success in knowledge and research areas.



Conference Secretary  
Dr. Seyed Mojtaba Hosseini Nasab