Research and Graduate Education Opportunities for KOC Employees

Partnership with USC

KOC endorsed the Viterbi School’s Distance Education through a partnership that will provide its employees with research and graduate education opportunities in engineering.

An agreement was signed through a CCTV between KOC and the University of Southern California (USC) on January 25th. DMD (Exploration & Production Development), Khalid Al-Sumaiti, signed the agreement at the Main Office on behalf of KOC, whereas the Dean of the Viterbi School, Yannis C. Yortsos, signed it in Los Angeles on behalf of USC.

“As the difficulty of meeting the technology challenges increases, we are pleased that the Viterbi School and its distinguished faculty can now provide KOC engineers with an advanced educational program incorporating new technologies. It will enhance our ability to develop needed capabilities in our workforce, while KOC can benefit from their continuous service,” Research & Technology Group Manager, Dr. Adel Al Abbasi, said.

As well, Dean Yortsos said that the agreement with KOC reflected highly on the quality of the school’s petroleum engineering program.

The partnership will be co-directed by USC Professor, Iraj Ershaghi, and Dr. Mohamed Osman of KOC. The research direction will entail the characterization, modeling and forecasting of fractured carbonate reservoirs using high-performance computing to analyze microseismic data, visualize and monitor the reservoir structure and dynamic fluid movement, develop technologies for heavy oil recovery in complex reservoirs, and systematically maximize resource recovery. A special focus will be on smart fields as a vehicle to monitor such complicated reservoirs.