

SAEED PAKSERESHT



Date of Birth: 1966

Position: Research and Technology Director, National Iranian Gas Company-2006-now

Employment History:

- Deputy Director of Engineering & Process Development Division, Research Institute of Petroleum Ind. 2003-2006
- Head of Process Development Dept Research Institute of Petroleum Ind. 2001-2003
- Head of Gas Process Section and Senior Engineer, 1994-2001
- University Lecturer, 1995-2002

Education: PhD in Chemical Engineering, Sharif University of Technology

Special Capabilities & Work Experiences:

- R & D Project Management
- Natural gas Upgrading Processes
- Pre-Feasibility and Feasibility Study of the Chemical Processes
- Conceptual design, Basic design and Equipment design of Chemical Processes and process integration
- Design and Construction of Engineering Pilot Plants
- Modeling and Simulation of chemical processes and equipment
- Separation Processes by Adsorption Techniques

Some of the main projects:

- Feasibility Study for Constructing A Condensate Refinery in South Pars
- Feasibility Study and Site Location evaluation for Constructing A Extra-heavy Oil Refinery in South of Iran
- Conceptual and Basic Engineering Design for a Iron-based GTL Pilot Plant
- Conceptual and Basic Engineering Design for a Cobalt-based GTL Pilot Plant
- Conceptual Design and Preparing Tender Document for a semi Commercial Cobalt-based GTL Plant
- Feasibility Study and Preparing Tender Document for Condensate De-mercaptanization Process in South Pars
- Preparing Several Proposals for De-mercaptanization Process (DMD & DMC) for Oil, Gas and Petrochemical Plants (incl. Bid Boland Gas Refinery, South Pars Phases 4 and 5)
- Feasibility Study for Constructing A Commercial Scale GTL Plant in Assaluyeh
- Dynamic Simulation for A Commercial Scale of GTL Plant
- Mathematical Modeling for OCM Reactor
- Optimization of OCM Kinetic Model Parameters
- Experimental test for Optimizing the Operating Conditions in OCM Reaction to Produce Ethylene
- Simulation, Design and Construction a Simulated Moving Bed in Polite Scale to Xylene Separation
- Nitrogen Separation from Natural Gas by Adsorption Process
- Dynamic Simulation and Experimental Evaluation for Air Separation by PSA Process

Publications (Papers and Seminars):

More than 30 Papers and Lectures in Iranian and International Journals and Congresses

Award and Honor:

- Honored to receive superior student rank among the Ph.D. student in Chemical Engineering Department in Sharif University of Technology in 1999
- Honored to receive superior staff rank in oil Ministry in the festival of superior staff (Shahid Rajaei) in 2000.