

Simulation/ Computer Laboratory

Software/Application	Scope/ Usage	Courtesy – Under Licence From
PIPESIM, OFM, ECLIPSE, PETREL	<ul style="list-style-type: none"> • Reservoir Simulation • Production forecast • Production Analysis • Integrated Reservoir Management • EOR Study 	Schlumberger Information Solution
ECRIN (SAPHIR, TOPAZE, DIAMANT, EMERULDE, RUBIS)	<ul style="list-style-type: none"> • Well Test Analysis • Production Analysis • Reservoir Simulation • Production Logging Analysis 	KAPPA Petroleum Exploration & Production Software Training & Consulting
FRACPRO	<ul style="list-style-type: none"> • Hydraulic Fracturing Design • Hydraulic Fracturing Analysis 	CARBO Ceramics
STIMPRO	<ul style="list-style-type: none"> • Acidizing design • Optimization of Acidizing • Data Analysis 	CARBO Ceramics
INTERACTIVE PETROPHYSICS	<ul style="list-style-type: none"> • Geo-steering • Cement Evaluation • Rock Physics • Monte Carlo • Wellbore Stability 	Lloyd's Register (LR)
SENDRA	<ul style="list-style-type: none"> • Petrophysical Analysis 	PRORES AS
IPM SUITE <ul style="list-style-type: none"> • PROSPER • GAP • PVTP • MBAL • REVEAL • RESOLVE • HARDLOCK 	<ul style="list-style-type: none"> • Reservoir Simulation • Production Forecasting • Reserve Estimation • Monte Carlo Simulation • PVT Analysis • Hydraulic Fracturing • Material Balance • Multiphase Flow 	Petroleum Experts Limited have donated IPM Suite educational licenses, equivalent of approximately £ 1,874,554.24 UK Sterling to the department/ University