Proforma

Companies open to your department

Company :	Exxonmobil
Company Name :	Exxonmobil
Nature Of Business :	
Designation :	Engineer
Tentative Job Location :	Bangalore

Description :

Seeking candidates to work on challenging engineering problems for our upstream business that focus on exploration, development, and production of hydrocarbons through development and application of computational modeling and analysis.

Responsibilities:

Â· Research and develop advanced computational, numerical, or data science tools for solving challenging problems in the oil and gas industry

Â· Build computational numerical models and perform simulations using proprietary and vendor tools to provide design guidance necessary to solve business problems

Â· Work with computational scientists and engineers to develop and deliver computational tools, models, algorithms, and software to support our upstream business

Â· Design, build, and execute parametric and uncertainty analysis studies using simulation models

Â· Create tutorials, documentation, training material, and case studies

Requirements:

Â· Master's degree in one of the following disciplines: Chemical Engineering, Mechanical Engineering, Civil Engineering, Materials Engineering, Aerospace Engineering, Computational and Data Sciences or related disciplines.

Â· Experience in developing, applying, and analyzing physics-based models and simulations and developing related algorithms.

Â· Excellent communication skills and willingness to work in a collaborative environment is required

Â· Programming experience in MATLAB, Python, C, or C++ is an advantage

Â· Knowledge of optimization, statistical analysis, or machine learning techniques is an advantage

Â· Knowledge of general numerical analysis and methods for solving differential equations is an advantage.

Â· Knowledge of commercial and open source software packages such as ABAQUS, FLUENT, OpenFOAM is an advantage

Eligibilty :

Department	BT	BS	MT	Double	Major	dual	dualB	dualC	Mdes	MBA	Phd	MSc	MSR
AE	N	-	Y	N		Y	Y	Y	-	-	N	-	Y
BSBE	N	-	N	N		N	N	N	-	-	N	-	N
CE	N	-	Y	N		Y	Y	Y	-	-	N	-	Y
CHE	N	-	Y	N		Y	Y	Y	-	-	N	-	Y
CSE	N	-	N	N		N	N	N	-	-	N	-	N
EE	N	-	N	N		N	N	N	-	-	N	-	N
ES	-	N	Y	-		Y	-	Y	-	-	N	-	-
ME	N	-	Y	N		Y	Y	Y	-	-	N	-	Y
MSE	N	-	Y	N		Y	Y	Y	-	-	N	-	Y
PHY	-	N	-	N		N	N	N	-	-	N	N	-
CHM	-	N	-	N		N	N	N	-	-	N	N	-
MTH	-	N	-	N		N	N	N	-	-	N	N	-
ECO	-	N	-	N		N	N	N	-	-	N	-	-
DES	-	-	-	-		-	-	N	N	-	N	-	-
IME	-	-	Y	-		-	Y	Y	-	Y	Y	-	-
CGS	-	-	-	-		-	-	-	-	-	N	-	N
HSS	-	-	-	-		-	-	-	-	-	N	-	-
EEM	-	-	N	-		-	N	-	-	-	N	-	-
MSP	-	-	Y	-		-	-	-	-	-	N	-	-
NET	-	-	N	-		-	N	-	-	-	N	-	-
PSE	-	-	N	-		-	N	-	-	-	N	-	N
Stats	-	-	-	-		-	-	-	-	-	N	N	-

Cost to Company : **11.94 LPA**

Package Details :	**11.94 LPA**
Bond :	False
Medical Requirements :	
Resume Shortlist :	True
Resume Shortlist Criteria:	N/A
Aptitude Test:	True
Aptitude Test Duration:	1hr
Group Discussion:	False
Technical Test:	True
Technical Test Duration:	1hr
Technical Interview:	True
Technical Interview Duration:	45min
Number of Techincal Interview Rounds:	2
HR Interview:	True
HR Interview Duration:	30min