



### ***Excellent Opportunity in IndianOil for Geoscientists and Petroleum Engineers***

IndianOil is India's flagship national oil company with business interests straddling the entire hydrocarbon value chain - from refining, pipeline transportation and marketing of petroleum products to exploration & production of crude oil & gas, marketing of natural gas and petrochemicals. It is the highest ranked Indian company in the Fortune's prestigious Global 500 list.

In line with the Vision to be the Energy of India and a globally admired energy company, IndianOil is consolidating its business across the petroleum value chain and Exploration and Production (E&P) is one of the drivers of growth in the coming years. The E&P portfolio of the Corporation consists of 8 domestic and 7 overseas blocks. Out of the 15 blocks, 3 are under production, 6 under discovery, 2 under exploration and 4 under development phase.

To pursue its E&P dream, IndianOil is looking for ***Experienced Professionals*** for temporary engagement to provide technical support and guidance to E&P team of IndianOil.

The details of the academic & professional requirement, other eligibility criteria and also the terms & conditions of temporary engagement are given below:

#### **1. Geologist: 2 positions (1 unreserved and 1 reserved for OBC (NCL)) Post Code: E&P/1**

##### Job description 1

<b>Name of the position</b>	<b>Consultant Geologist</b>
<b>Place of posting</b>	New Delhi
<b>Age Limit</b>	Maximum 65 years as on 30.09.2016
<b>Job Purpose</b>	To provide technical support / guidance to Geoscientists of E&P Dept. towards self sufficiency
<b>Educational Qualification</b>	Post graduate in Applied Geology/ Geology from a reputed & recognized Institute / University in India or abroad
<b>Experience</b>	<ol style="list-style-type: none"><li>1. Working experience of minimum 25 years in upstream oil &amp; gas industry in India covering the whole spectrum of exploration, development and production asset.</li><li>2. Having hands on experience in using various software available in the industry for Oil &amp; Gas exploration viz. Petrel, Decision Space or equivalent software prevailing in the industry.</li><li>3. Minimum 15 years professional experience of petroleum exploration including:<ol style="list-style-type: none"><li>a. Broad exposure on structural geology of the reservoir textures and structures.</li><li>b. Experience of 2D and 3D seismic data interpretation, sequence stratigraphic</li></ol></li></ol>

	<p>analysis, sedimentary facies and depositional environment analysis.</p> <p>c. Analysis of well log data and its integration with seismic and geological data</p> <p>d. Experience of estimation of resources, reserves under various categories (Society of Petroleum Engineering/Petroleum Resource Management System etc)</p> <p>e. Experience and exposure of evaluation of exploration, discovered and produced assets (conventional/ unconventional) of various basins in India and around the world</p> <p>f. Understanding of Indian and international Production Sharing Contracts (PSCs) and Joint Operating Agreements(JOAs).</p>
<b>Job Functions</b>	<ol style="list-style-type: none"> <li>1. Day-to-day monitoring of existing assets and apprising the management for mitigating the sub-surface risks involved.</li> <li>2. Developing project specific monitoring system for producing assets and non producing assets.</li> <li>3. Review of contracts and licenses related to energy, environment, etc.</li> <li>4. To build up the technical capability of geoscientists of E&amp;P group</li> <li>5. Geological evaluation of asset acreages including comprehensive geological mapping, interpretation of seismic data and Well Log data, Integration of geophysical &amp; well data (well log correlation at regional and reservoir scale).</li> <li>6. Evaluation of appraisal and development plans.</li> <li>7. Job specific inputs on various contracts, hardware and software related to G&amp;G.</li> </ol>
<b>Emoluments</b>	Negotiable
<b>Period of Engagement</b>	Two years with a provision for extension by one more year

#### Job description 2

<b>Name of the position</b>	<b>Consultant Geologist</b>
<b>Place of posting</b>	New Delhi
<b>Age Limit</b>	Maximum 65 years as on 30.09.2016
<b>Job Purpose</b>	To provide technical support/guidance to Geoscientists of E&P Dept. towards self sufficiency
<b>Educational Qualification</b>	Post graduate in Applied Geology/ Geology from a reputed & recognized Institute / University in India or abroad
<b>Experience</b>	<ol style="list-style-type: none"> <li>1. Working experience of minimum 25 years in upstream oil &amp; gas industry in India covering the whole spectrum of exploration, development and production asset.</li> <li>2. Having hands on experience in using various software available in the industry for Oil &amp; Gas exploration viz. Petrel, Decision Space or equivalent software prevailing in the industry.</li> <li>3. Minimum 15 years professional experience of petroleum exploration including: <ol style="list-style-type: none"> <li>a. Broad exposure on structural geology of the reservoir textures and structures.</li> <li>b. Experience of 2D and 3D seismic data interpretation, sequence stratigraphic analysis, sedimentary facies and depositional environment analysis.</li> <li>c. Analysis of well log data and its integration with seismic and geological data</li> <li>d. Experience of estimation of resources, reserves under various categories (Society of Petroleum Engineering/Petroleum Resource Management System</li> </ol> </li> </ol>

	<p>etc)</p> <p>e. Experience and exposure of evaluation of exploration, discovered and produced assets (conventional/ unconventional) of various basins in India and around the world</p> <p>f. Understanding of Indian and international Production Sharing Contracts (PSCs) and Joint Operating Agreements(JOAs).</p>
<b>Job Functions</b>	<ol style="list-style-type: none"> <li>1. Exploring the new opportunities for acquisition of assets.</li> <li>2. Critical review of the block / basin data available with the National Data Repository (NDR) for selection &amp; bidding for the domestic blocks</li> <li>3. Geological evaluation of asset acreages including comprehensive geological mapping, interpretation of seismic data and Well Log data, Integration of geophysical &amp; well data (well log correlation at regional and reservoir scale).</li> <li>4. Prospect assessments, volumetric assessment, reserves estimation, risk analysis &amp; ranking of the prospects,</li> <li>5. Evaluation of results of geophysical prospecting and recommending for acquisition, retention, or release of assets.</li> <li>6. Evaluation of appraisal and development plans.</li> <li>7. Job specific inputs on various contracts, hardware and software related to G&amp;G.</li> </ol>
<b>Emoluments</b>	Negotiable
<b>Period of Engagement</b>	Two years with a provision for extension by one more year

## 2. Geophysicist: 1 position (Unreserved)

Post Code: E&P/2

<b>Name of the position</b>	<b>Consultant Geophysicist</b>
<b>Place of posting</b>	New Delhi
<b>Age Limit</b>	Maximum 65 years as on 30.09.2016
<b>Job Purpose</b>	To provide technical support/guidance to Geoscientists of E&P Dept. towards self sufficiency
<b>Educational Qualification</b>	Post graduate in Applied Geophysics / Geophysics from a reputed & recognized Institute / University in India or abroad
<b>Experience</b>	<ol style="list-style-type: none"> <li>1. Working experience of minimum 25 years in upstream Oil &amp; Gas sector in India or abroad specially in the area of Oil &amp; Gas exploration with at least 5 years of experience in field.</li> <li>2. Having hands on experience in using various software available in the industry for Oil &amp; Gas exploration viz. Petrel, Decision Space or equivalent software prevailing in the industry.</li> <li>3. Minimum 15 years professional experience of petroleum exploration including: <ol style="list-style-type: none"> <li>a. Wide exposure and experience on Acquisition, Processing &amp; Interpretation (API) of 2D/ 3D seismic data.</li> <li>b. Structural and Stratigraphic interpretation of seismic data, reservoir characterization, static modeling using software like Petrel, Decision Space or equivalent software prevailing in the industry.</li> <li>c. Broad understanding of Indian and international Production Sharing Contracts (PSCs) and Joint Operator Agreement (JOAs).</li> </ol> </li> </ol>

<b>Job Functions</b>	<ol style="list-style-type: none"> <li>1. Quality control and management of 2D and 3D seismic data acquisition, processing &amp; interpretation.</li> <li>2. 2D and 3D seismic data interpretation (attribute analysis, seismic to well tie, horizon &amp; fault mapping, velocity modeling, prospect generation, risk evaluation, QC at various stages, Integration of seismic &amp; well data).</li> <li>3. Advanced Quantitative Interpretation techniques such as seismic AVO analysis, Seismic Inversion, Reservoir Characterization, etc.</li> <li>4. 2D &amp; 3D seismic data acquisition- field planning, survey design and implementation</li> <li>5. 2D &amp; 3D seismic data processing- planning of processing sequence and finalization of processing parameters.</li> <li>6. Designing of technical specifications for various tender documents.</li> <li>7. Inputs on up-gradation of hardware and software in Interpretation Centre.</li> </ol>
<b>Emoluments</b>	Negotiable
<b>Period of Engagement</b>	Two years with a provision for extension by one more year

### 3. Reservoir Engineer: 1 position (Unreserved)

Post Code: E&P/3

<b>Name of the position</b>	<b>Consultant - Reservoir Engineer</b>
<b>Place of posting</b>	NEW DELHI
<b>Age Limit</b>	Maximum 65 years as on 30.09.2016
<b>Job Purpose</b>	To provide technical support/guidance to Geoscientists of E&P Dept. towards self sufficiency.
<b>Educational Qualification</b>	Graduate/Post Graduate in Petroleum Engineering/Technology from reputed and recognized institute / University in India or Abroad.
<b>Experience</b>	<ol style="list-style-type: none"> <li>1. Working experience of minimum 25 years in upstream in Oil &amp; Gas sector in India or abroad in the area of Oil &amp; Gas exploration/development/production.</li> <li>2. Having hands on experience on reservoir software available in the industry for Oil &amp; Gas exploration viz. Eclipse or equivalent software prevailing in the industry.</li> <li>3. Minimum 15 years professional experience of reservoir engineering including: <ol style="list-style-type: none"> <li>a. Practical experience and expertise in hydrocarbon reservoir engineering / modeling / simulation and proficiency in related software.</li> <li>b. Additional experience of unconventional reservoirs e.g. Shale Oil and/or Gas, Oil Sands, Coal Bed Methane (CBM) etc.</li> </ol> </li> </ol>
<b>Job Functions</b>	<ol style="list-style-type: none"> <li>1. Review and analysis of wells, well testing and well surveys.</li> <li>2. Coordination of reservoir management activities with other functions of E&amp;P</li> <li>3. Carry out estimation of reserves/ resources, generation of production profiles and field development strategies under different scenario of reservoir.</li> <li>4. Evaluation of existing field development plans and it's optimization</li> <li>5. Review and interpretation of Geotechnical data during field development planning.</li> </ol>

	6. Estimation of project life and facility requirement and it's timing. 7. Prediction and evaluation of IOR and EOR. 8. Assistance in reservoir simulation studies. production profiles and field development strategies under different scenarios of reservoir. 9. Support in static and dynamic reservoir modeling. 10. Planning of stimulation in low permeability reservoirs.
<b>Emoluments</b>	Negotiable
<b>Period of Engagement</b>	Engagement on per day basis as and when required (minimum engagement of 100 days in a year) for two years with a provision for extension by one more year

### Selection Process

- Candidates will be shortlisted based on relevance of their experience and educational qualification provided they meet the eligibility criteria mentioned in respect of each position.
- Shortlisted candidates will finally be selected through a process of Personal Interviews (PI) by an expert panel.

### Procedure to apply

- Interested candidates for the above mentioned positions are required to download the application form from [www.iocl.com](http://www.iocl.com)
- Most recent passport size photograph should be pasted on the application form.
- Duly filled in application form, along with proof towards date of birth, educational qualification and experience is required to be scanned as .pdf file.
- Forward the fully filled application form, along with other documents as mentioned above through e-mail at **recruitenp@indianoil.in**
- Candidates must have an active e-mail id, which must remain valid for at least next one year. All future communications with the candidates will take place through e-mail only.
- If more than one application is received from a candidate, most recent (current) application will be considered as final.
- Candidates not found to be meeting the prescribed eligibility criteria or any candidate submitting false / incorrect information shall be rejected during any stage of selection process.

Last date of receipt of application, completed in all respect, is October 17, 2016. Application received after the last date shall not be considered.

It is clarified that the above positions are for purely adhoc appointments against the specific project / programme for the maximum period specified and will not confer any right to any other post or vacancies in Indian Oil Corporation Ltd., nor will entitle the appointee to any preference for appointment against a permanent vacancy or otherwise for regularization on a permanent basis.