



**IndianOil**  
**INDIAN OIL CORPORATION LTD.**  
**(Research & Development Centre)**  
**FARIDABAD**  
**(Advt. No. R&D/91)**

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Indian Oil Corporation Limited (IndianOil), the transnational energy major, is the highest ranked Indian Company at **98<sup>th</sup> Position** in the prestigious '**Fortune Global 500**' list. For over five decades, IndianOil has remained a leader due to the patronage of over a billion Indians. With one of Asia's largest network of refineries, pipelines, retail outlets and the most trusted range of brands, IndianOil is also redefining its role as a **Maharatna company** with a group of dedicated and ever evolving work force.

Pursuing its journey to realize its new Vision, IndianOil is transforming itself to emerge as **The Energy of India** and to become a **globally admired company**. Recognized as one of the 'Best Employers in India' by the Great Place to Work Institute (GPW), India, Indian Oil has set up a world class R&D Centre at Faridabad which has won recognition for its pioneering research and development work in the areas of lubricant technology, refinery processes, pipeline transportation, bio-fuels and fuel efficient appliances.

Applications are invited from **Indian Nationals** desirous of a career in Research & Development. The Corporation offers excellent opportunities for individual growth and contribution based on performance and potential.

Sl. No	Post Code	Areas	No. of vacancies	Qualification / Experience
1	AT01	Automotive Testing (Research Officer)  (Grade A)	1	<b>Qualification :</b> <ul style="list-style-type: none"> <li>Ph.D / M.Tech. in Mechanical / Automobile / Thermal Engg. / IC Engines from a recognized University / Institute</li> </ul> <b>Experience (desirable) :</b> <ul style="list-style-type: none"> <li>Candidates who have done the dissertation / research work in the field of IC Engines / Automotive Fuels / Emission may only apply.</li> <li>Those with experience in the field of IC Engines will be preferred.</li> </ul> <b>Minimum 65 % marks in graduation as well as in Post-graduation.</b>
2	BT01	Bitumen (Research Officer)  (Grade A)	1  (Reserved for OBC)	<b>Qualification :</b> <ul style="list-style-type: none"> <li>Ph.D in Organic Chemistry</li> </ul> <b>Experience (desirable) :</b> <ul style="list-style-type: none"> <li>Experience in bitumen modification and development of bituminous products</li> </ul> <b>Minimum 65 % marks in graduation as well as in Post-graduation.</b>
3	AD01	Analytical Techniques (Research Officer)  (Grade A)	4  (includes Backlog of 1 SC)	<b>Qualification :</b> <ul style="list-style-type: none"> <li>Ph.D in Organic / Inorganic / Physical / Analytical Chemistry</li> </ul> <b>Experience (desirable) :</b> <ul style="list-style-type: none"> <li>Operation and data interpretation of analytical techniques such as FT-NMR, ICAP, ICP-MS, Chromatographic techniques (GC, HPLC, GPC), etc.</li> <li>R&amp;D experience in the areas of petroleum, polymers, petrochemicals &amp; catalysts.</li> </ul> <b>Minimum 65 % marks in graduation as well as in Post-graduation.</b>
4	IP01	Intellectual Property   Sr. Officer (Grade B)   Dy. Manager (Grade C)	1   1	<b>Qualification :</b> <ul style="list-style-type: none"> <li>Bachelors Degree in Chemistry or Chemical Engineering or Mechanical Engineering or Biotechnology or Polymer Science And</li> <li>Minimum 3 years Degree in Law from recognized University / Institute</li> </ul> <b>Registration (Essential):</b> Candidates <b>must be</b> Patent Agent registered with the Indian Patent Office <b>Experience (Essential) :</b> <ul style="list-style-type: none"> <li><b>Only</b> Experience <b>after</b> the law qualification will be considered.</li> </ul> <u>For Dy. Manager (IP)</u> <ul style="list-style-type: none"> <li>7 years experience in Industries / IP firms of repute in the area of Prosecution for Indian and Foreign applications</li> </ul> <u>For Sr. IP Officer</u> <ul style="list-style-type: none"> <li>3 years experience in Industries / IP firms of repute in the area of IP Analytics</li> </ul> <b>Minimum 65% marks in Bachelors degree and 50 % marks in Law Degree</b>

5	SE01	Solar Energy  Dy. Manager Research (Grade C)/ Sr. Research Officer (Grade B)	1	<p><b>Qualification :</b></p> <ul style="list-style-type: none"> <li>Ph. D in Science / Engineering <b>OR</b> M.Tech. in any branch of Engineering</li> </ul> <p><b>Experience (Essential) :</b></p> <p><u>For Ph.D</u> – 6 years for Grade ‘C’/ 2 years for Grade ‘B’</p> <p><u>For M. Tech.</u> – 8 years for Grade ‘C’/ 3 years for Grade ‘B’</p> <p>In any one or more of the following areas of Solar Energy :</p> <ul style="list-style-type: none"> <li>Solar Laboratory establishment and operation of equipments such as sun simulator, texturing mechanisms, etc., <b>OR</b></li> <li>Solar module / cell characterization, testing &amp; evaluation, processing &amp; fabrication, knowledge of various relevant standards, knowledge of electrochemistry, processing, fabrication &amp; testing of batteries, fuel cells &amp; electrolyzers etc. <b>OR</b></li> <li>Solar PV system design, yield calculation, knowledge of inverters, batteries, remote monitoring equipments etc. Proficiency in DPR and writing specifications, BoMs, statistical analysis, etc. <b>OR</b></li> <li>Solar thermal material research and solar thermal system installation with knowledge of optical concentration, heat transfer, thermal power plants, steam turbines, thermal storage etc., <b>OR</b></li> <li>Solar hydrogen generation &amp; utilization through both solar thermal as well as solar PV route. <b>OR</b></li> <li>Solar (PV &amp; thermal) product development.</li> </ul> <hr/> <p><b>Minimum 65 % marks in graduation as well as in Post-graduation</b></p> <p><b>Preference will be given to candidates with :</b></p> <ul style="list-style-type: none"> <li>Higher qualifications</li> <li>Publications/ patents to credit at international levels</li> <li>Notable achievements at work</li> <li>Work experience in international laboratory</li> </ul>
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**APPLICANTS WHO HAVE SUBMITTED THEIR Ph. D THESIS & M.TECH DISSERTATION MAY ALSO APPLY. HOWEVER AT THE TIME OF INTERVIEW THEY MUST HAVE BEEN AWARDED PH. D/ M. TECH DEGREE.**

**Upper Age Limit (as on 31/01/2012):**

	<b><u>Ph. D</u></b>	<b><u>M. Tech</u></b>	<b><u>Law</u></b>
Gr. A	32 years	28 years	NA
Gr. B	35 years	32 years	32 years
Gr. C	38 years	36 years	35 years

**Selection Methodology:** The applicants meeting the prescribed eligibility criteria / experience requirement shall be required to attend Personal Interview.

**Placement:** Selected applicants will be placed in the pay scale of Rs. 24,900-50,500/- (Gr. A) / Rs. 29,100 – 54,500/- (Gr. B) / Rs. 32,900 – 58,000/- (Gr. C). Besides Basic Pay and industrial pattern of DA, the other allowances/benefits include HRA, Medical Facilities, Performance Related Pay, Gratuity, Contributory Provident Fund, Employees’ Pension Scheme, Group Pension Accident Insurance , Tatkal Sahayata Yojana, Leave Travel Concession, Contributory Superannuation Benefit Fund Scheme, House Building Advance, Conveyance Advance/Maintenance Reimbursement, Professional Updation Allowance, Home Desk-Top PC, Children’s Education Allowance etc. as per rules.

**Concessions/Relaxations:**

- Reservation of posts for SC/ST/OBC (Non-Creamy Layer) / PH (degree of disability 40% or above) as per Govt. Directives.
- Reservation of Ex-servicemen shall be applicable as per Govt. Directives.
- Age relaxation by 5 years for SC/ST, 3 years for OBC applicants and 10 years for PH applicants.
- Age relaxation by 5 years for applicants domiciled in Jammu & Kashmir between 1.1.1980 and 31.12.1989.
- Exemption from payment of application fee for SC/ST/ PH applicants.

### **General Instructions:**

- Qualification should have been obtained **only through regular course** (not through distance mode or part time).
  - Applicants must have consistent good academic record. Applicants having published work in national/international journals of repute should submit details with application.
  - Wherever CGPA/OGPA/DGPA or letter grade in a degree is awarded, its equivalent percentage of marks must be indicated in the application as per norm adopted by the University/Institute.
  - Applicants presently employed in Govt. Deptt / PSUs / Autonomous Bodies must apply through proper channel or submit 'No Objection Certificate' at the time of interview.
  - Applicants belonging to OBC category but coming in Creamy Layer will not be entitled to the benefit of reservation and should apply as general category candidate.
  - Incomplete applications not supported by attested copies of relevant documents in support of age, qualifications (Mark sheet/degrees), experience and caste certificate (in case of SC/ST/OBC/PH), not fulfilling the eligibility criteria or those received after the last date of receipt of applications shall not be considered and treated as "Rejected".
  - Minimum percentage of marks in the qualifying examination prescribed above is relaxed for SC/ST/PH category applicants.
  - The period of experience for the above posts shall be reckoned as on **31/01/2012**.
  - General and OBC applicants are required to send a NON-REFUNDABLE crossed Demand Draft for Rs. 300/- (Rupees three hundred only) as application fee drawn on State Bank of India, Faridabad (Code 10449) in favour of INDIAN OIL CORPORATION LTD., R&D CENTRE payable at Faridabad. Write name and address on the reverse of Demand Draft. MO / IPO or any other mode of payment or DD drawn on banks other than SBI will not be accepted.
  - Outstation applicants called for interview will be reimbursed 3 tier AC Rail fare or actual Bus fare by the shortest route, provided the distance travelled is not less than 30 km on production of actual rail/Bus ticket from mailing address/place of present posting.
  - **Applicants should satisfy themselves about their eligibility for the post applied.**
  - **Applicants applied for the posts earlier but not called for interview need not apply.**
  - **Applicants called for interview earlier but not selected may apply provided they have increased their credentials by gaining further research experience in reputed Labs. OR by way of publishing in reputed journals.**
  - The decision of the management in all matters relating to eligibility, acceptance or rejection of the application, mode of selection will be final and Management will not entertain any enquiry or correspondence in this regard.
  - IOC reserves the right to cancel any/all vacancies without assigning any reason thereof. The no. of vacancies is likely to increase or decrease keeping in view with the requirements.
  - Candidates not found to be meeting the prescribed eligibility criteria shall be **rejected** at any stage of the selection process.
  - Candidate must apply for **one post only**. Applications for more than one post are liable to be **rejected**.
  - Write name of the post at the top left hand corner of the envelope.
  - Canvassing of any kind shall disqualify the candidate.
- The vacancies and reservation indicated above is tentative and may increase or decrease in the relevant categories at the absolute discretion of management and in compliance with Presidential Directives on reservation at the time of appointment.**

**LAST DATE OF RECEIPT OF APPLICATIONS: 16.03.2012**

**How to apply :** Only those applicants who fulfill the eligibility criteria should submit typed/computer printed applications strictly in the prescribed format (attached) to Chief Human Resource Manager, Indian Oil Corporation Limited, Research and Development Centre, Sector 13, Faridabad-121007 (Haryana) **only by ordinary post** so as to reach latest by 16.03.2012. **Applications with incomplete and without attachments / wrong particulars and those who do not meet the prescribed eligibility criteria as per advertisement or received after the due date will entail rejection and the DD will not be refunded.**

[Download application form](#)

### **CONTACT PERSON:**

Pritish Vats,  
Employee Relations Officer  
Contact No: 0129 -2225691