

Rajiv Gandhi Institute of Petroleum Technology (RGIPT)
Ratapur Chowk, Rae Bareli- 229316, Uttar Pradesh, India
 (An Institute of National Importance Established under the Act of Parliament)

FACULTY RECRUITMENT (ROLLING ADVERTISEMENT)

Advt. No.: RGIPT/RBL/Faculty/01/2014-15

The Government of India, through the Ministry of Petroleum and Natural Gas (MoPNG), has set up the Rajiv Gandhi Institute of Petroleum Technology (RGIPT), Rae Bareli, U.P. on the lines of IITs by Act 54/2007 of the Parliament of India with an empowerment to award degrees and conduct front-end research. RGIPT is promoted by six leading Oil PSUs in India (ONGC, IOCL, OIL, GAIL, BPCL and HPCL), in association with Oil Industrial Development Board (OIDB) and is positioned as a World Class Institution. Currently, RGIPT offering following programmes:

- (a) B. Tech. in Petroleum Engineering, (c) M. Tech. in Petroleum Engineering
 (b) B. Tech. in Chemical Engineering (d) M. Tech. in Chemical Engineering
 (e) PhD in Petroleum Engineering, Chemical Engineering, Physics, Chemistry, Electrical Engineering, GIS, Geo-Physics (all at Rae Bareli), (f) MBA in Petroleum & Energy Management (Currently at NOIDA). In subsequent years, RGIPT will offer more programs in the complete spectrum of hydrocarbon and energy value chain.

Applications are invited from individuals who would enjoy the excitement of setting up 'A World Class Education & Research Institution'. The positions are available at Professor (P), Associate Professor (ASP), Assistant Professor in the regular cadre (AP) and Assistant Professor (on Contract) (APC) basis. Other positions (OP) available are: Distinguished Faculty, Adjunct Faculty, Honorary Faculty, Visiting Faculty, Joint Appointment with Industry, Faculty on Deputation, and Faculty on Contract. These 'other' positions do not necessarily require a PhD, but experience is given a big credit. Emoluments for these will be decided liberally and on a case to case basis.

Candidates, who are submitting their PhD theses and are likely to complete their defense in the next twelve months, can also apply. If PhDs are not available, such as in Computer Science and Engineering and Petroleum Engineering, High class Master's Degree candidates, with experience, may be considered on a contract basis. They will need to register for PhD within a year. Experience in experimental work and /or industry should be cited in details:

Positions	Areas
Professor, Associate Professor, Assistant Professor, Assistant Professor (On Contract) (In Petroleum Engineering OP also)	Petroleum Engineering, Chemical Engineering, Computer Science & Engineering, Mechanical Engineering
Professor, Associate Professor, Assistant Professor, Assistant Professor (On Contract), OP	Geology, Geophysics
Professor, Associate Professor	Physics, Chemistry
Assistant Professor, Assistant Professor (On Contract)	Mathematics
Assistant Professor, Assistant Professor (On Contract)	English Teaching

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Applicants should have a Doctoral Degree preferably from IITs / IISc / ISM / BHU / IIM / NIT / Central University / TISS or equally renowned institutions in India and abroad, with an excellent academic record along with experience in research/development/industry. They should have 1st division or GPA of 6.5 in the degree immediately preceding Ph.D. degree.

Candidates in Chemical Engineering, Mechanical Engineering, etc should be willing to work in areas related to petroleum and energy such as Enhanced Oil Recovery, Artificial Lift, Drilling operations. They will be provided with requisite training in India or abroad for the purpose.

AREAS OF SPECIALIZATION IN VARIOUS DISCIPLINES

Chemical Engineering: Chemical Reaction Engineering, Thermodynamics, Catalysis, Transport Phenomena, Separation Processes, Process Dynamics and Control, Simulation and Optimization, Energy and Related Areas, Computer-aided Design, Petroleum Refining Operations, CFD, Rheology, Process Engineering, Chemical Process Safety, Process Intensification, Risk Analysis and Plant design.

Computer Science & Engineering: All areas of Computer Science.

Geology and Geophysics: Stratigraphy and Sedimentology, Structural Geology, Petroleum Geology, Gravity and Magnetism, Exploration Seismology, Rock Physics, Well-Log analysis

Physics, Chemistry: All relevant areas.

Mathematics: Mathematical Modeling, Fluid Mechanics, CFD

Mechanical Engineering: Fluid Mechanics and Thermal Systems, Solid Mechanics, Energy Systems, CFD, Nanotechnology, Solar Energy and Other forms of energy.

Petroleum Engineering: Reservoir engineering, Production engineering, Drilling engineering, Cementing and Work over Operations, Offshore Technology, Natural Gas Engineering, Artificial Lift and Numerical Reservoir Simulation.

HSS: English Teaching

ESSENTIAL QUALIFICATIONS AND EXPERIENCE

Evidence of scholarly publications of research papers from PhD thesis in peer reviewed international journals is a vital requirement. Please mark such publications in your list of publications with a note (PhD work) at the end of the citation. For those applying for positions higher than Assistant Professor, evidence of having obtained substantial research grants, guiding thesis of post-graduate students, and independent research (beyond the publications from PhD thesis) published in peer reviewed international journals are vital requirements. These requirements may be waived for those from industry and appointed on contractual basis.

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Positions wise minimum qualification and professional experience details are as follows:

Positions	Minimum Qualification
Professor	PhD degree (or Fellowship for MBA faculty) with first class (or 7 out of 10 GPA) at the preceding degree with consistently good academic record in the appropriate branch of Engineering/ Technology/Applied Science/Management (or other relevant Management related disciplines) as the case may be, with a minimum of 10 years post-PhD experience in teaching/industry/research, out of which a minimum of 4 years must be at the level of Associate Professor and/or equivalent senior level position comparable to that of Associate Professor.
Associate Professor	Same as that of Professor except that the prescribed experience should be a minimum of 6 years after PhD in teaching/research/industry out of which at least 3 years must be at the level of Assistant Professor and/or equivalent senior level position comparable to that of an Assistant Professor.
Assistant Professor	Same as that of Professor except that the prescribed experience should be minimum of 3 years in teaching/research/industry after PhD
Assistant Professor (On contract)	Same as that of Assistant Professor with less than 3 years of relevant Post- PhD Experience.

The details of pay band and grade pay are given below (as per IIT Pay Scales):

Post	Pay Band	Minimum Pay fixed	Grade Pay
Professor	37400-67000	48000.00	10500.00
Associate Professor	37400-67000	42800.00	9500.00
Assistant Professor	15600-39100	30000.00	8000.00
Assistant Professor (on Contract)	15600-39100	20140.00	6000.00

(Minimum Pay+AGP=Basic Pay)

Pay of Assistant Professor (On Contract): Initially PB3: Rs. 15600-39100 with seven non-compounded advance increments. (Minimum Basic + AGP: Rs. 20140+ Rs. 6000). After completion of one year the AGP will be increased to Rs. 7000).

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The pay carries all other allowances as admissible to a Central Government employee stationed at Rae Bareli. The fringe benefits, such as HRA, LTC, medical reimbursement, education allowance for children, contribution towards Pension Scheme (CPF), reimbursement of telephone bills, book grants, initiation seed money for research (On BOG Approval), financial support towards national and international conferences etc shall be permitted as per the Institute norms.

PROCESS OF APPLICATION SUBMISSION:

The form duly filled should be sent only by post or electronic mail (e-mail) at the address given below. A hard copy can also be sent but it should conform to the format specified in the application form. The applications should be sent in an A-4 size envelope super scribed as- 'Application for the Post of in RGIPT'. Applications received up to 5th January, 2015 shall be considered for the first phase of recruitment. Application should reach on following address:

Registrar,
Rajiv Gandhi Institute of Petroleum Technology (RGIPT),
Ratapur Chowk
Rae Bareli- 229316 (U.P), INDIA
Phone: +91-535-2704243, 2704203
E mail: faculty.rgipt@gmail.com

(However this is a Rolling Advertisement. Hence, applicants can send their application at any time and depending upon RGIPT needs and availability of suitable candidates, interviews will be conducted periodically)

NOTES AND GUIDANCE FOR APPLICATION PROCEDURE:

1. Experience in the domain areas of the RGIPT is desired. The domain areas include all aspects of Petroleum (Oil & Gas) upstream, midstream and downstream, non- conventional energy sources.
2. List your proposed, ongoing and completed research projects.
3. Write a short paragraph on the teaching philosophy and strategy you plan to pursue. List national and international conferences you have attended and your role in them.
4. If physically challenged, please provide all the details with relevant certificates. The faculty and staff positions call for training at the operating oil production units, on shore and offshore, and refineries for all disciplines.
5. Institute reserves the rights to fill or not to fill any or all the posts advertised.

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6. It should be noted that the mere possession of minimum qualifications does not entitle a candidate to be called for interview. The institute may restrict the number of such candidates to a reasonable limit on the basis of qualifications and experience, which may be higher than the essential qualifications prescribed here in above.
7. Attempt will be made to invite each short-listed candidate for a day's visit to deliver a seminar and discuss teaching and research plans. AC Train fare (up to 2nd Class) shall be reimbursed on the production of tickets.
8. All positions are open to Indian Nationals, NRIs (as per Government regulations).
9. All positions are also open to foreign nationals on a contractual basis that can be renewed with mutual consent. Government of India approval and visa regulations will apply.
10. The selection committee at its discretion may relax the minimum requirements in case of outstanding candidates for each of the posts advertised.
11. Without any compromise on qualification, experience and competence, reservation at entry level will be applicable as per Government of India norms.
12. We have very liberal rules related to Exchange visits with other institutions, Sabbatical and consultancy, etc. A very strong research ambiance is planned along with national and international conferences.
13. Higher initial pay to exceptionally qualified and deserving candidates may be considered.
14. Candidates in India, if invited, have to personally appear for interview, while those abroad may be interviewed by audio/video link. Candidates invited for interview shall be paid Economy Class air fare within India from place of duty/residence or the nearest airport to city of interview and back by the shortest route. No taxi fare or board and lodge will be provided.
15. Applicants who are employed in Government, Semi-Government Organizations or Institutions should send their applications through proper channel else they will be required to produce a No Objection Certificate (NOC) from their employer at the time of interview.
16. RGIPT provides ample opportunities for both fundamental and applied research, development and consulting. The funding for R&D will, to a significant extent, be from Oil and Gas companies, MoPNG and the usual funding agencies like DST, CSIR as well as Global Foundations and International Agencies. A Substantial initial grant for R&D would be provided by RGIPT on approval by B.O.G. We would specially encourage joint research with other colleagues at RGIPT and other institutions nationally and internationally.

Ph.D. Thesis Title (For candidates holding/ doing Ph.D.)with year of award and awarding institute					
No. of Papers Published in journals		(a) International		(b) National	
No. of Papers Presented in Conferences		(a) International		(b) National	
No. of Papers Published based on Ph.D. Thesis		(a) International		(b) National	
List of three of your most important publications					
Employment Record	Give below the details of current and two immediate past employments (if any)				
Organization/ University	From	To	Designation	Academic/ Industrial	Emoluments (Gross/Basic)
Teaching experience (no. of years), also mention if full time or as teaching assistant					
If you have earlier applied to RGIPT, give year					
Research Interests (Only key words):					
Research activity (Select whichever applicable) : Upstream/Downstream/Non Conventional energy/Renewable energy/Others:					
If any research project grant: Give details PI/Co-PI, Amount, Funding agency, time duration and if transferable					
No. of conferences/workshops organized					

Key words for domain specific research planned at RGIPT			
Any case of indiscipline/crime reported or pending in court			
Extra Curricular activities-Sports, NCC, NSS etc.			
Check list for application enclosures (Tick mark, if attached)			
Write-up of research underway		Research project planned at RGIPT	
Copy of Mark sheet/Certificate of academic qualifications		Synopsis of Master's Thesis	
Synopsis of Ph.D. Thesis		Teaching Philosophy	
Category certificate, if applicable		Copy of passport/Voter identity/PAN card	
Copy of 5 important publications			

Application Form

To,
Registrar,
Rajiv Gandhi Institute of Petroleum Technology,
Ratapur Chowk,
Rae Bareli – 229316 (U.P)

Affix a recent passport
size photograph duly
attested by the
candidate

Advertisement No. : _____

(Please fill in your own handwriting, Use extra sheets if necessary)

Application No:
(To be filled by Office)

Post Applied for:

1. Name:

(Dr. /Prof. /Mr. / Ms.)

(Surname)

(Middle)

(First)

2. Father's/ Husband's Name _____

3. Date of Birth

4. Nationality

5. Sex

6. Present Position (Designation, Organization and Total Emoluments)

7. Salary/Total Emoluments Expected at RGIPT, Rae Bareli, U.P.

8. Area of Specialization:

Current Area of Research:

9. Marital Status: Married / Single

14. Details of employment in reverse chronological order:

(Please attach proof of experience, attach extra sheet if required):

Period of Employment		Period of each employment in year/ month	Designation	Name and address of Employer	Scale of Pay and Basic pay/ Gross Pay	Brief Description of Duties/ Responsibilities
From	To					

15. Referees: (Please mention the name of your PhD Supervisor)

Name :	Name :
Designation:	Designation:
Address :	Address :
Email :	Email :
Phone No :	Phone No :
Fax :	Fax :

16. Details of family members (please indicate who are presently dependent upon you):

Relation	Name & Age	Dependent	Current Occupation (Working/Studying)	Suffering from any disease?	Give details if you or any of your dependents suffering from any of the following ailments: (a) Hypertension (b) Diabetes (c) Heart disease (d) STD/ISD, (e)AIDS (f)Infectious Skin Disease (g) Reanl Disorder (h) Thalassaemia or (i) Br. Asthma?
Self		Self		Yes/No	Smoking (Yes/ No) Other ailments(Pls. specify):
Father		Yes/No		Yes/No	
Mother		Yes/No		Yes/No	
Ú] [~•^		Yes/No		Yes/No	
Son(s)		Yes/No		Yes/No	
Daughter(s)		Yes/No		Yes/No	
Others					

For items 17 through 23 use separate sheets for each sub-heading in the format indicated. All annexures should be consecutively arranged and must bear your name and signature.

17. Previous Experience (in reverse chronological order)

A. Research Experience (excluding research done for M. Tech/Ph.D. Degrees)

Duration	Organization	Area(s)

B1. Teaching Experience

Duration	Organization	Area(s)

B2. Courses Taught

Course No. & title	Level (UG/PG)	Number of Times	Developed by you?

C. Thesis (M. Tech/Ph.D.) Supervision (at all the organizations that you have worked with)

S. No.	Name	Year of Completion	Title of Thesis	Co-guides (if any)

D. Sponsored Projects

Period	Sponsoring Organization	Title of Project	Amount of Grant	Co-Investigators (if any)

E. Consultancy

Period	Organization	Nature of Work	Co-Investigators (if any)

F. Industrial Experience

Period	Organization	Title of Project and Nature of Work	Co-guides (if any)

G. Administrative Experience

Period	Organization	Nature of Responsibility	Designation

18. Publications (Enclose reprint of the best papers (about five) in your judgment)

A. Papers in Referred Journals (List those published and accepted separately)

S. No.	Author(s)	Year	Title	Complete Reference of Journal

B. Papers published in Conference Proceedings

S. No.	Author(s)	Year	Title	Name and Place of Conference

C. Papers Presented in Conferences But Not Published

S. No.	Author(s)	Year	Title	Publisher

D. Books (List those published and in press separately)

S. No.	Name	Year of Completion	Title of Thesis	Co-guides (if any)

19. Awards and Recognitions.
20. Any Other Relevant Information.
21. Names and Addresses including Email, Fax, Tel. No., of at least three professional referees (at least one of them should be familiar with your recent work). Mention how each one knows you.
22. Please write separately the highlights of your professional work during the last three years.
23. If applying from abroad, please mention your visa history from beginning to present; also mention whether you have applied for US green card.

Note: A separate list of enclosures item-wise with page numbers should precede the enclosures.

DECLARATION

I, _____, hereby declare that all the details submitted above are true to the best of my knowledge and belief.

Date:

(Signature of applicant)

Place:

Enclosures (Please list the documents attached):