

PETROTECH SOCIETY

'Petrotech Research Fellowship'

Objectives:

The Governing Council of Petrotech Society in its meeting held on 19th June 2006 had approved for grant of 7 Doctorate Fellowship for pursuing research for leading to award of PhD and facilitating closer link between the industry and academia

Following are the main objectives of the scheme:

- i. To focus on research work as per the **need** of industry
- ii. Industry has infrastructure and other facilities to facilitate research work whereas academia has 'talent' but do not have the adequate infrastructure and facilities for conducting research work. Both working together will create a right synergy for Society.
- iii. Students and academia have great exposure to academics but not have much exposure to the practical aspects of the industry. The endeavour would be to supplement the efforts and work with the strength of each other for more meaningful research work.

Methodologies :

- i. Petrotech Society will forward 'Petrotech Research Fellowship' scheme to the identified organizations engaged in the Hydrocarbon Sector such as ONGC, IOCL, BPCL, HPCL, OIL, GAIL, CPCL, EIL, RIL, Cairn etc with a request to identify the research project which may lead to award of Ph.D and also identify the university/institute who will be interested to take up this research project having the experienced Guide and student with the requisite qualification and attainment for taking up this research project.
- ii. A copy of the Scheme will also be sent to the identified Universities/institutes teaching petroleum sciences/engineering or any subject relevant to the hydrocarbon sector with a request to identify research project alongwith a Guide and student who fulfill the requirement for registration as PhD students and take up with the organizations working in the Hydrocarbon sector, who are willing to extend necessary support with regard to Guide from the industry and also the

facilities of R&D Lab etc and giving exposure to practical aspects of industry relevant to research work.

- iii. The industry should be able to provide Guide necessary support, guidance and make available the R&D facility to the selected Petrotech Research Fellows.
- iv. University/Institute will be required to identify a Professor as Guide and identify students for recommendations to the industry and the Petrotech Society for Award of Petrotech Research Fellowship who fulfill the laid down criteria as per the rules.
- v. The Professor functioning as Guide should have adequate exposure, interest and time in the research topic with the responsibility to ensure that the research project is completed in time.
- vi. The Petrotech Research Fellow should also have the requisite aptitude and commitment for taking up the research work with the intention to complete the assignment and acquire Ph.D. in time.
- vii. Both the Guides and the Petrotech Fellow should be able to devote minimum 3 years i.e. till the submission of the PhD thesis.
- viii. Universities/Institutes should be recognized by UGC and other Statutory Bodies for grant of PhD degree.
- ix. The Petrotech Research Fellows should be willing to spend considerable time as may be required in the field in connection with the research work in the industry.

Eligibility:

Students should have passed M.Sc/M.Phil/M.Tech in any subject relevant to the Hydrocarbon sector from the recognized University/Institute. The students should fulfill the laid down criteria for registration as PhD student of that University/Institute. Preference will be given to those who had passed UGC/NET examination.

Criteria for selection

On the basis of topics suggested by the various organizations in the industry and response received from the universities/institute with reference to the suggested research projects giving recommendations of Professor as Guide and the students for grant of Petrotech Research Fellowship, the proposals will be submitted for consideration of the Petrotech Research and Fellowship Committee. The committee will take into consideration the relevant experience of the Guide, the educational attainment of the students and the relevance of research project to the Hydrocarbon industry before giving its approval.

Tenure of Fellowship:

The tenure of Petrotech Research Fellowship will be of three years and the Petrotech Fellow is expected to complete his research thesis during this period and submit to the Institute/University. However the following will be renewed on yearly basis depending upon the progress of the research project and the recommendations of the Guides.

Age Limit

The Petrotech Fellow should not be more than 35 years of age for grant of fellowship. However, the committee may relax the age limit in the most deserving and exceptional cases.

Stipend

The consolidated emoluments will be Rs 15,000 per month for first year, Rs15,500 for second year and Rs 16,000 in the third year. The performance will be reviewed by both the Guides on completion of each year and report submitted to Petrotech and to the Institute/University. The Petrotech Fellow will be allowed to continue only after satisfactory completion of assignments his overall performance, discipline and conduct and initiatives in the research work. The Petrotech Research Fellowship is subject to the condition that he should not draw any salary/stipend from any other sources.

Contingent and Equipment Grants:

Petrotech Research Fellowship will carry a contingent grant of Rs 50,000 per annum i.e. the total consolidated amount of Rs 1.5 lakhs for the entire period of 3 years fellowship. The contingent grant may be utilized for journeys undertaken as an essential part of research work and also for purchase of books other material required in connection with the research including services of technical attendant etc. However, the expenditure on this account will be incurred on the approval of the Guide and submission of the relevant bills/voucher. Utilized grant may be carried forward to next year.

House Rent Allowance (HRA)

In addition to fellowship, the Petrotech Fellow will be entitled to HRA of Rs 3500 per month if having his own arrangements and Rs 1500 per month if he has been provided hostel accommodation.

Leave

The Fellow may avail 30 days leave with stipend for each completed year of his tenure or on pro-rata basis for any fraction of a year. The leave due can be carried over to the next year. However, not more than 90 days leave can be accumulated at any time during the tenure of fellowship and not more than 30 days can be availed of at the end, i.e. prior to the completion of the tenure.

Responsibility of the Institute/University and the Organization

- i. University/Institute will ensure that Professor recommended as Guide has adequate experience and exposure to guide the students for PhD degree.
- ii. The Guide will recommend students keeping in view their aptitude and commitment for the proposed research work.
- iii. While recommending students alongwith their detailed bio data and educational attainment, it should be ensured that they are eligible for registration as PhD student.
- iv. The Guide will have the administrative control over the Petrotech Research Fellows with regard to discipline, conduct and progress in the research work fund for fellowship will be placed at the disposal of the university/institute work.
- v. Guide will ensure that the disbursement of stipend is made to Fellows in time.
- vi. The Guide will closely watch the progress being made by the Fellow and also his conduct and commitment for pursuing the research work.
- vii. Both the Guides from the Academia and organization will work out the research plan and methodology etc and review the progress on half yearly basis.
- viii. There will be periodical interaction between the two Guides with regard to the scope, methodology and progress of research work from time to time.
- ix. The Guides will give the periodical report to Petrotech Society on half yearly basis.
- x. The organization will ensure that Guide identified has the aptitude, time and competence to guide the Fellows for research work leading to PhD degree.
- xi. The Fellows will be given adequate practical exposure relevant to the research work.
- xii. Fellows will be provided necessary R&D facilities and access to information and other data relevant to research work.
- xiii. Guides will inform immediately the Petrotech Society in case of any hold-up and problem.

General Guidelines

- i. Funds for grant of Petrotech Research Fellowship will be utilized only for the grant of Fellowship and not for any other purposes.
- ii. Funds will be transferred to the University/Institute only after the selection of Petrotech Research Fellowship.
- iii. Proper accounting will be maintained with regard to receipt and expenditure of this fund as required under the relevant rules of University/Institute. Proper bills/vouchers etc should be obtained and kept for record.
- iv. Both the Guides are required to work together and guide the Petrotech Research Fellows for meaningful completion of the research project leading to award of PhD.
- v. In the event of any dispute and disagreement on any point, the final authority will be the Petrotech Society.
- vi. Petrotech Research Fellowship will be governed by the rules and regulations of the University/Institute with regard to discipline, attendance etc except what has been provided in this scheme.
- vii. The exercise for identifying the research project and obtaining the recommendations from the University/Institute with regard to Petrotech Research Fellowship will be carried out on annual basis.
- viii. Since the objectives of this Scheme is to encourage, motivate and support the research project pertaining to Hydrocarbon Sector, Corporate Sector, Government organizations and other Statutory Bodies will be invited to join the Petrotech Society being the catalyst for promoting the research work. The total cost of the research project leading to the award of PhD for a period of 3 years would be around **Rs 10 Lakhs**, the organizations will be approached to sponsor the research project jointly. Accordingly, required to contribute a sum of **Rs 5 lakhs** in advance towards this research project and **5 lakhs** will be contributed by Petrotech Society. This joint research project will be giving the joint name i.e. **"ONGC-PETROTECH Research Fellowship" or 'IOC-PETROTECH Research Fellowship' etc.**