

# Poornaprajna Institute of Scientific Research

Devanahalli, Bangalore, Karnataka

Promoted and Managed by Admar Mutt Education Foundation (AMEF)

(Recognized by Department of Scientific and Industrial Research (DSIR), Govt. of India and Manipal University)



ADVT/PPISR/01/DEC/2016

## **Applications are invited for Research Engineer/ Research Fellow position in Industry sponsored projects**

Applications are invited for Research Engineer/ Research Fellow position at PPISR from young enthusiastic researchers for the sponsored project for the period of one year.

The title of the project is “**Design and development of catalyst and process for natural gas/LPG conversion into valuable chemicals**” sponsored by GTC Technology Inc, USA. GTC is now a long term collaborator of PPISR with a successful completion of the 5-year collaborative project on *p*-xylene synthesis by selective toluene methylation which was announced by GTC globally as GT-TolAlk Technology. The present project on natural gas/LPG conversion is successfully running with duration from 2016 to 2019.

No of positions: **02**

Duration: **1 Year** (extendable based on performance)

**General research details:** Selected candidates will be involved in heterogeneous catalyst design and development of the chemical process of converting hydrocarbons into value added products with a cost effective route. The selected candidate will be trained to prepare new catalysts, their property testing with different in-house analytical techniques such as XRD, AAS, FTIR, UV-Vis, chemisorption, physisorption etc and handle the fixed bed flow reactors, product analysis using gas chromatograph. PPISR has the state of the art facilities to conduct the above research.

**Remuneration:** B.Tech. Rs. 16,000/- PM and M.Tech. & M.Sc. Rs. 20,000/- PM (consolidated)

**Eligibility:** Candidates must have M. Tech./B.Tech. (Chemical Engineering) or M.Sc. degree with general or organic/ inorganic/physical chemistry specialization with a good academic record.

Interested candidates can send their Bio-data to  
**shanbhag@poornaprajna.org/ gvshanbhag@gmail.com**  
**sanjeevpm@poornaprajna.org**

**Date of Interview:** First week of January, 2017 (exact date will be informed).

**Venue:** PPISR, City Campus, Sadashivnagar, Bengaluru-560080

For more information about the institute, please visit [www.ppizr.res.in](http://www.ppizr.res.in)

**(Dr. Anand B. Halgeri)**  
Director, PPISR