

# 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/20/Apr/2016

## **Applications are invited for Ph. D student position in an DST- sponsored project**

Applications are invited for Ph. D student position at PPISR from young enthusiastic researchers for the DST-sponsored for the period of three years. The title of the project is **“Design and Development of Stable Metal Organic Frameworks (MOFs) with Multiple Functional Sites for Catalysis”**.

**Project details:** Selected MOFs will be involved in heterogeneous catalyst design and development of the chemical process for biomass conversion and fine chemical synthesis. The selected candidate will be trained to synthesize new MOFs, their property testing with different in-house analytical techniques such as XRD, Gas sorption (BET), AAS, FTIR, UV-Vis, Chemisorption etc and handle the flow reactors, product analysis using gas chromatograph. PPISR has **the state of the art facilities** to conduct the above research.

**No of positions:** One

**Project duration:** 3 Years

(After six months, the person will be registered for Ph.D. programme based on his/her performance and interest).

**Remuneration:** Rs. 16,000/- PM Fixed

**Eligibility:** Candidates must have M.Sc. degree with general or inorganic/physical/ organic chemistry specialization with a good academic record.

Interested candidates can send their Bio-data to  
**[sureshk@poornaprajna.org](mailto:sureshk@poornaprajna.org)**

For more information, please visit **<http://www.ppizr.res.in/suresh.html>**

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