



विद्यया विन्दते अमृतं

# Poorna Prajna Institute of Scientific Research

Promoted and Managed by Admar Mutt Education Foundation (AMEF)  
(Recognized by Department of Scientific and Industrial Research (DSIR), India and Manipal University)  
#167, Bidalur Post, Near International Airport, Devanahalli, Bangalore 562 110

Advertisement/PPISR/March-2014

## Admission to Ph.D. Programme

Applications are invited for Ph.D. programme starting during 2014, from young enthusiastic researchers in the areas of Theoretical Physics, Materials Science and Biological Sciences.

**Eligibility:** Candidates with M.Sc./M.Tech. in Physics, Chemistry, Mathematics, Biology or in other interdisciplinary areas such as Materials Science, Biotechnology, Microbiology, Chemical Sciences, etc. are eligible to apply. The applicants should have qualified in the CSIR-JRF/UGC-JRF/ICMR-JRF/DBT-JRF/JEST examinations or have DST-INSPIRE fellowship.

**Some of the broad areas of research carried out in the various divisions of PPISR are:**

- (i) **Theoretical Physics:** Quantum information, Condensed matter, Foundations of quantum mechanics, Quantum cryptography.
- (ii) **Materials Science:** Heterogeneous catalysis, Mesoporous materials, Biomass conversion, Functional energy nanomaterials, Photocatalytic and photoluminescent materials, Pervaporation separation science, Conducting polymers.
- (iii) **Biological Sciences:** Natural bioactive compounds, Protein chemistry, Structural and functional biology of immune receptors and other medicinally important molecules.

Interested candidates can send their applications to [apply@poornaprajna.org](mailto:apply@poornaprajna.org) or through post to **The Director**, Poorna Prajna Institute of Scientific Research, #04, 16th Cross, Sadashivanagar, Bangalore 560 080.

The institute is recognized by Department of Scientific and Industrial Research (DSIR), GoI, New Delhi and Manipal University, Manipal, Karnataka, as an R&D centre. Faculty members are recognized as Ph.D. supervisors and the students will be registered for their Ph.D. degrees under Manipal University.

The institute has taken up several industry sponsored projects from abroad and India and also from DBT, DST, BRNS, VGST ISRO, etc.

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

Dr Anand B. Halgeri  
Director



## SRM Research Institute SRM University (<http://www.srmuniv.ac.in>)



### JRF Position under a SERB Sponsored Project

SRM University invites applications for the post of Junior Research Fellow to carry out the project entitled '**Dioxygen Reduction using Low Dimensional Materials in the Energy Generation/Storage Device: First Principles Study**', supported by Science and Engineering Research Board (SERB), a statutory body under the Department of Science and Technology (SB/FTP/PS-028/2013).

**Eligibility:** First class M.Sc. in Physics with strong background in Solid State Physics, Quantum Mechanics and/or Computational Physics.

**Desirable:** Good knowledge in Fortran 90, basic of density functional theory and Linux OS.

**Fellowship:** Rs 16,000 per month + HRA.

**Project duration:** 3 years.

Interested candidates should send applications along with their detailed CV (preferably soft copies) **within 20 days** of this advertisement to **Dr Ranjit Thapa**, Principal Investigator – SERB/FT Project, SRM Research Institute, 13th Floor, University Building, SRM University, Kattankulathur 603 203, New Chennai, Tamil Nadu (e-mail: [ranjit.t@res.srmuniv.ac.in](mailto:ranjit.t@res.srmuniv.ac.in)). Candidates called for the interview will be paid second class (sleeper) to and fro train fare by the shortest possible route. Selected candidates should register for the full time Ph.D. programme at the SRM University.