Department of Physics
Indian Institute of Technology Roorkee

Advt. No.IITR/Estt.(A) /PDF(2016)/1827, Dated: 03-02-2016

ADVERTISEMENT FOR POST DOCTORAL FELLOWSHIP POSITION

The department of Physics at the Indian Institute of Technology (IIT) Roorkee invites applications from outstanding and enthusiastic researchers for the post doctoral position to work on a project focused on **'Quarkonia Suppression in evolving medium'** by Professor Binoy Krishna Patra (Deptt of Physics, IIT Roorkee) and Professor Ajit Mohan Srivastava (Institute of Physics, Bhubaneswar)

The prospective candidate is expected to have a strong background on theoretical high-energy nuclear/ particle physics with specialization in relativistic heavy-ion collisions.

Last date of application submission is March 16, 2016.

Minimum Qualifications and Experience:
The prospective candidate should have following qualifications i.e. at least two SCI publications and Ph.D. in the area of theoretical high-energy nuclear/ particle physics with specialization in relativistic heavy-ion collisions. Familiarity with the phenomenology of heavy-ion collisions is a prerequisite.

Candidates who have recently submitted their doctoral thesis are also eligible to apply subject to the condition that they will furnish the proof of award of Ph.D. at the time of interview.

Duration and Fellowship amount:
The duration of the fellowship will be of two years extendable to three years, if necessary. The candidate is expected to join the Department as soon as offer letter has been released. The fellow will receive a consolidated fellowship as below in addition with the contingency grant of Rs. 20,000/- per annum.
First Year: Rs. 50,000/- per month
Second Year: Rs. 55,000/- per month

How to Apply:
Candidates can apply with cover letter, curriculum vitae, list of publications (with the most significant publications highlighted), research statement describing past research and plans for future research by both regular and e-mail, to:

Professor and Head
Department of Physics
Indian Institute of Technology Roorkee
Roorkee - 247667
INDIA
Email: physi@iitr.ac.in with a cc to binoy.purva@gmail.com
Phone: +91-1332-285179 (office)

Notes:

(i) All the post doctoral fellows (PDF) will be registered as IIT Roorkee students for availing the facilities of accommodation, hospital, medical insurance scheme, computer centre, library sports, etc. They will also be governed by the leave rules as applicable to the post graduate students.

(ii) The candidates called for discussion/interview will be paid II-AC train fare from their place of residence/work and back by the shortest route within India.

About the Department:

The Department of Physics from its modest beginning in 1960 has now grown in to an active center of quality teaching and research. Today it stands as one of the leading departments in the country, well known for its excellence in teaching and research. The department runs a B. Tech program on Engineering Physics, two year M.Sc. (Physics) and M. Tech. (Solid State Electronic Materials) programs apart from catering the teaching of core Physics courses to undergraduate engineering students.

The faculty of the department are actively engaged in different areas of research viz. Atmospheric Physics, Atomic and Molecular Physics, Condensed Matter Physics, Nuclear Physics, Optics and Theoretical High Energy Physics.

The Department organizes national and international conferences from time to time. The research activity in the department is well recognized by CSIR, AICTE, DST and ISRO and a number of research projects funded by these agencies are always in progress in the department.

.

For more details, please visit:

http://www.iitr.ac.in/departments/PH/pages/index.html

About the Institute:

IIT Roorkee has its roots in the Roorkee College, which was set up in 1847. It was renamed as the Thomason College of Civil Engineering in 1854. The College laid the foundation of modern engineering education and the use of Civil Engineering practices in the infrastructure development of the country. The irrigation infrastructure in the form of dams and canals, roads and highways, railway, bridges, etc. in the country, all have been the outcome of the engineering education imparted in this, the only engineering institution in the country, at that point of time. It got elevated as the first technical University of the country in 1948 through the University of Roorkee Act, 1947 passed by the United Provinces Legislature. University of Roorkee also became the first institution in the country to offer postgraduate programs in engineering and technology in 1955. On September 21, 2001, the University was converted into an IIT by the Government of India through an Act of Parliament and recognized as an Institution of National importance. Roorkee is the entry point of Uttarakhand state. It is on the way to Mussoorie and Haridwar from Delhi. IIT Roorkee has a beautiful green campus. Various sports facilities including Billiards, Swimming, Hockey, Football, and Yoga are available in the Campus. The Institute provides 100% accommodation to faculty members. A good C.B.S.E. School is available in the Campus which provides admission to the children of newly joining faculty members throughout the year.

For more details, please visit: www.iitr.ac.in

15.2.16

Professor and Head
Department of Physics
IIT Roorkee

प्रोफेसर एवं अध्यक्ष / Prof. & Head
भौतिकी विभाग / Department of Physics
भारतीय प्रौद्योगिकी संस्थान रुड़की
Indian Institute of Technology Roorkee
रुड़की / Roorkee-247 667 (INDIA)