



Indian Institute of Technology INDORE

IET-DAVV Campus, Khandwa Road, INDORE, 452 017 (MP), India

Telefax: +91-731-236 1482; 236 4182

Website: www.iiti.ac.in

Postdoctoral Fellowship, JRF, Visiting Researcher and Research Assistantship under DST sponsored ALICE Project entitled “ALICE Upgrade, Operation and Utilization”

The Indian Institute of Technology Indore invites applications for Postdoctoral Fellow (PDF), Junior Research Fellow (JRF) and Visiting Researchers in its High Energy Physics Experimental program under ALICE experiment at LHC, CERN, Geneva. The PDF positions are initially for one-year duration and may be extended to another year subjected to satisfactory performance of the candidates. JRF positions may be extended leading to a complete Ph.D. work. The research work involves ALICE detector upgradation and data analysis related to the possible formation of Quark-Gluon Plasma (QGP) created in heavy-ion collisions.

Eligibility Criteria:

1. **Post-Doctoral Fellow:** Ph.D. in Experimental High Energy/Nuclear Physics/Particle Physics, with experience in data analysis using ROOT based analysis tools. Those who are about to submit the Ph.D. thesis or have submitted and yet to get the degree are also eligible to apply.
2. **Junior Research Fellow:** 1st class M.Sc. degree in Physics (NET/GATE).
3. **Short term Visiting Researcher:** Ph.D. in the area of Heavy-Ion collisions (theory and experiment)

Fellowships:

PDF: Rs. 36,000.00/Rs. 38,000.00/Rs. 40,000.00 + 20% HRA p.m. (as per the DST norms and candidate's experience)

JRF: Rs. 25,000/- p.m. + 20% HRA and Rs. 28,000.00 p.m. + 20% HRA after 2-years.

Visiting Researchers: Consolidated fellowship as decided by the selection committee, looking into the candidate research experience.

How to Apply: The applicants can send their updated CV (with email address and cell phone number), copies of all academic certificates to the following address preferably by email. Shortlisted candidates will be called for seminar and/interview and will be informed by email ONLY. **There is no last date to this application. It is open till we get suitable candidates. Positions will be filled up, when suitable candidates are found. For visiting researchers, walk-in interview can be scheduled, when suitable applications are found.**

Address for Correspondence:

Dr. Raghunath Sahoo
Associate Professor and
Principal Investigator, ALICE Project
Indian Institute of Technology Indore (IITI)
Discipline of Physics, PoD-1E (510)
Simrol, Khandwa Road
Indore-453552, M.P., India
Ph: +91 (0) 7324-306736 (office)
Cell: +91 8989122921

Email: "Raghunath Sahoo" <raghunath@iiti.ac.in>
raghu@mail.cern.ch
Homepage: www.iiti.ac.in/~raghunath/