



NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA

[An Institute of National Importance under Ministry of Education, Govt. of India]

Sector 1, Rourkela, Sundergarh Dist., Odisha 769 008

SPONSORED RESEARCH INDUSTRIAL CONSULTANCY CONTINUING EDUCATION

NITR / SR / 2024 / Advt.- 23PH070 / L / 002

dt.12/04/2024 Ref: FTS 5415AA **SR-R03**

Advertisement for Recruitment of Project Position

Candidates who fulfill the below mentioned criteria may submit the application form before the last date. Engagement will be purely on temporary / contractual basis and co-terminus with the completion of the project. Candidates are advised to go through the advertisement details carefully before applying.

1.	Title of the Project:	Quark-gluon plasma observables in a strong magnetic background		
2.	Project Code with Duration (Closing Date):	SR/23/PH/070	15/03/2027	
3.	Funding Agency Details:	SERB	-	
4.	Department / Centre:	Dept. of Physics and Astronomy		
5.	Name of the PI with details:	Prof. Subhash Chandra Mahapatra		
		mahapatrasub@nitrrkl.ac.in	subhashmahapatra@gmail.com	
		0661-246 2822	8447916423	-
6.	Details of the Post(s):	7. Educational Qualification & Working Knowledge		
Junior Research Fellow (JRF)		Essential Qualification (s):		Desirable Qualification:
<i>(Name of the Post(s))</i>		MSc Physics with 65 % or CGPA 7 with Valid NET/GATE.		1. It would be desirable if the candidate has taken a course on general relativity and quantum field theory.
01 (One)	03 Year(s), 00 Month(s)	Candidates who are in the final year of M.Sc. are also eligible to apply provided they have valid NET/GATE.		2. The candidate must be comfortable in coding. Experience with the Mathematica software would be desirable.
<i>(No. of Post(s))</i>	<i>(Tenure of Post)</i>	Experience / Software / Skillset:		3. The candidate must know how to write in Latex.
Year 1 & 2		-NA-		
INR 37,000.00 /- per month (+) HRA @ NA % (if applicable)		Job Description:		
Year 3		1. To investigate how the magnetic field affects QCD observables at strong couplings using the gauge/gravity duality.		
INR 42,000.00 /- per month (+) HRA @ NA % (if applicable)		2. To construct consistent magnetised gauge/gravity models.		

Online Interview details: **26/04/2024 9.00 AM** Link will be sent to the shortlisted candidates by e-mail.

Application link for eligible candidate(s): [NIT Rourkela Homepage](#) ⇒ [FACULTY & STAFF](#) ⇒ [SRICCE](#) ⇒ [Career](#) ⇒ [Notices](#)

The candidate(s) are required to send the complete filled and signed application (soft copy) with documents regarding educational qualification indicating percentage of marks / division (mark-sheets and / or certificates), research papers (if any), work experience certificate (if any) etc., This may be built as a single PDF file and sent by email with "Advertisement No." on the subject link to the above mentioned e-mail IDs. NO hard copies of application(s) are required to be sent to the Institute.

Last date for submitting the Application: 24/04/2024

The period of experience in a discipline / area of work, wherever prescribed, shall be counted after the date of acquiring the minimum prescribed educational qualifications for that position. Mere possession of minimum qualification does not guarantee invitation to the interview. Candidates will be short listed based on merit and need of the project. Selection / Joining will be cancelled in case of any suppression of information / document submitted.

NIT Rourkela reserves the right to fix higher criteria for short-listing of eligible candidates from those satisfying advertised qualification and requirement of the project post. Only short-listed candidates will be informed for Online interview. In case, any clarification is required on eligibility regarding the above post, the candidate may contact in the above mentioned details.

Age Guideline:

The upper age limit for applying for the award of project position shall be 28 years, which is relaxed up to 5 years in the case of candidates belonging to Schedule Castes / Schedule Tribes / PWD and Female applicants whereas 3 years in the case of OBCs (Non-creamy layer candidates). Upper age limit shall be reckoned as on the last date of receipt of applications.

Any other terms & conditions governed as per guidelines issued by the funding agency for the engagement of above position as amended from time to time shall be in force towards this temporary recruitment.

Sd/-
Asst. / Dy. / Jt. Registrar (SR)

Copy to:

- PI : Prof. Subhash Chandra Mahapatra , Dept. of PH
- Chairman, DRC, Dept. of PH
- Head of the Department / Centres / Units ➡ It is requested that the contents of the above advertisement be brought to the notice of the staff(s) / student(s) working in your Deptt. / Centre / Unit.
- Dealing Seat (SR – Project Recruitment) ➡ To publish advertisement at NITR website.
- Advertisement File