

इंडियन इंस्टीट्यूट ऑफ टेक्नोलॉजी दिल्ली
हौज खास, नई दिल्ली -110016
(औद्योगिक अनुसंधान एवं विकास इकाई)
INDIAN INSTITUTE OF TECHNOLOGY DELHI
Hauz Khas, New Delhi-110016
(Industrial Research & Development Unit)

No. IITD/IRD/RP04209G/ 64349

Dated: 5/08/2022

Advertisement No.: IITD/IRD/168/2022

Applications from Indian nationals are invited for Project Appointment under the following project. Appointment shall be on contractual basis with consolidated pay, renewable yearly or upto the duration of the project, whichever is earlier. निम्नलिखित परियोजना के तहत भारतीय नागरिकों से आवेदन आमंत्रित किए जाते हैं। अपॉइंटमेंट, अनुबंधित आधार पर समेकित वेतन, नवीकरणीय वार्षिक या परियोजना की अवधि तक, जो भी पहले हो, के साथ होगा।

Title of the Project	Development of Novel Aptamers for CTCs and its use in impedimetric multiplexed microfluidic chip for Early Diagnosis and Prognosis of Metastatic Carcinomas (RP04209G)	
Funding Agency	Science and Engineering Research Board (SERB)	
Name of the Project Investigator	Prof. Sandeep Kumar Jha [email ID:sandeepkja@gmail.com]	
Deptt./ Centre	Centre for Biomedical Engineering (CBME)	
Duration of the Project	Upto:26/12/2024	
Post (s)	Consolidated fellowship / Pay-slab	Qualifications
Jr. Research Fellow (1)	Rs.31,000/-p.m. plus HRA @ 24%	<p>EQ: Candidate should have M.Sc. or M.Tech in Biotechnology/Biochemistry/Chemistry/relevant engineering disciplines. The candidate should have first division in postgraduate degree. M.Sc.candidates should have valid NET/GATE qualification.</p> <p>Required Skills: i) Experience in generating aptamers OR work experience in working on circulating tumor cells or animal cell culture and handling OR experience in molecular biology assays, PCR, multiplexed PCR and good hands-on experience with microbiology/cell culture in BSL2 and above setup. Candidates not having these skillsets need not apply</p> <p>ii) Experience in circuit design, PCB designing and fabrication, Microcontroller programming, Mikro C and C programming, LabVIEW interfacing, Raspberry/Arduino programming, signal acquisition and conditioning, online signal filtering, Solidwroks and CAD designing, 3D printing.</p> <p>iii) Having worked on biosensor technology with optical transducer system and any publication as first/joint author shall be added advantage. Candidates with good track record during the project may further be considered for enrolment to regular Ph.D. program of the institute.</p> <p>*The requirement of NET/GATE examination for the selection to the post of JRF/SRF may be relaxed for the candidates who have graduated from Centrally Funded Technical Institutes (CFTIs) with a CGPA of more than 8.000 (80% aggregate marks).</p>

The candidates who are interested to apply for the above post should download Form No. IRD/REC-4 from the IRD Website (<http://ird.iitd.ac.in/rec>) of IIT Delhi and submit the duly filled form with complete information regarding educational qualifications indicating percentage of marks/division, details of work experience etc. by e-mail with advertisement No. on the subject line to Prof. Sandeep Kumar Jha at email id: sandeepkja@gmail.com No candidate, who is already employed at the Institute / IRD permanently, shall be interviewed unless his/her application has been forwarded by their concerned establishment/sections.

IIT Delhi reserves the right to fix higher criteria for short-listing of eligible candidates from those satisfying advertised qualification and requirement of the project post and their name will be displayed on web link (<http://ird.iitd.ac.in/shortlisted>) alongwith the online interview details. 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 Prof. Sandeep Kumar Jha at email id: sandeepkja@gmail.com

5% relaxation of marks may be granted to the SC/ST Candidates. In case of selection of a retired/superannuated government employee, his/her salary will be fixed as per prevailing IRD norms. अनुसूचित जाति / अनुसूचित जनजाति के उम्मीदवारों को अंकों की 5% छूट दी जा सकती है. The last date for submitting the completed applications by e-mail is 31/08/2022 by 5.00 p.m.

सहायक कुलसचिव, आईआरडी

वितरण

- Head of the Deptt./Centres/Units :
- Webmaster, IRD :
- Notice Boards
- Advertisement file
- Prof. Sandeep Kumar Jha, PI, Centre for Biomedical Engineering (CBME)
- Copy to Chairperson, DRC/CRC
- Dr. Harshita Bhatnagar, RD Coordinator, (R&D) Wing

It is requested that the contents of the Above Advt. be brought to the notice of the staff working in your Deptt./Centre/Unit To put advertisement at IITD website.