

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/RP04486G/ 2.45512

Dated:16/02/2024

Advertisement No.: IITD/IRD/051/2024

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 रामेकित वेतन, नवीकरणीय वार्षिक या परियोजना की अवधि तक, जो भी पहले हो, के साथ होगा।

Title of the Project	Design and Development of a prototype for Demonstration of Comprehensive Ocean area Surveillance Technology (COAST) (RP04486G)	
Funding Agency	Ministry of Defence (Navy), Gol	
Name of the Project Investigator	Prof. Arun Kumar [email ID: arunkm@care.iitd.ac.in	
Deptt./Centre	Centre for Applied Research in Electronics (CARE)	
Duration of the Project	Upto:14/09/2025	
Post (s)	Consolidated fellowship / Pay-slab	Qualifications
Sr. Project Scientist (1)	Rs 45,000-48,200-51,400-55,400-59,400-63,400/- p.m. plus HRA @ 24%	M.Tech. 1st class in Electrical/Electronics/Electronics & Communications Engineering with minimum 65% marks in M.Tech. and in the Preceding degree OR B.Tech. 1st Class in Electrical/Electronics/Electronics & Communications Engineering with minimum 65% marks with 3 years of relevant experience. Mandatory expertise required in DSP, AI/ML and their algorithm programming in MATLAB & Python for real-time signal processing. Familiarity with GPU technologies such as CUDA, CuDNN, TensorRT is desirable.
Sr. Project Scientist (1)	Rs.45,000-48,200-51,400-55,400-59,400-63,400/- p.m. plus HRA @ 24%	M.Tech. 1st class in Electrical/Electronics/Electronics & Communications Engineering with minimum 65% marks in M.Tech. and in the Preceding degree OR B.Tech. 1st Class in Electrical/Electronics/Electronics & Communications Engineering with minimum 65% marks with 3 years of relevant experience. Mandatory expertise required in Embedded systems, working knowledge of processor boards like ARM, Arduino, SBC, Raspberry, Pi, Software Development on Embedded/Linux OS/RTOS, programming in C/C++/Python, Implementation of Communication protocols, Interfacing of Peripherals with processor board and data acquisition. Scheduling of DSP programs for real-time signal processing.
Project Scientist (01)	Rs.45,000-48,200-51,400-55,400-59,400-63,400/- p.m. plus HRA @ 24%	M.Tech. 1st class in Electrical/Electronics/Electronics & Communications Engineering with minimum 65% marks in M.Tech. and in the Preceding degree OR B.Tech. 1st Class in Electrical/Electronics/Electronics & Communications Engineering with minimum 65% marks with 3 years of relevant experience. Mandatory expertise in electronics system level design, electronics hardware interfacing, board and system-level testing, analog/ mixed circuit design and simulation. CAD tools like Solid Works/AutoCAD,C/C++/Python/LabView programming. Working knowledge on processor boards like SBC, Raspberry Pi for system development.

The posts may be downgraded as per discretion of the Selection Committee if none of the candidate is found suitable for the post.

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. Arun Kumar at email id:arunkm@care.iitd.ac.in**

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 to Prof. Arun Kumar at email id:arunkm@care.iitd.ac.in

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. एक सेवानिवृत्त सरकारी कर्मचारी के चयन के मामले में उसका वेतन वर्तमान आईआरडी मानदंडों के अनुसार तय किया जाएगा। **The last date for submitting the completed applications by e-mail is 01/03/2024 by 5.00 p.m.**

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16/02/24
सहायक कुलसचिव, आईआरडी

वितरण

- Head of the Deptt./Centres/Units : It is requested that the contents of the Above Advt. be brought to the notice of the staff working in your Deptt./Centre/Unit
- Webmaster, IRD : To put advertisement at IITD website.
- Notice Boards
- Advertisement file
- Prof. Arun Kumar, PI, C.A.R.E.
- Copy to Chairperson, DRC/CRC