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A. K. CHOUDHURY SCHOOL OF INFORMATION TECHNOLOGY
UNIVERSITY OF CALCUTTA

এ. কে. চৌধুরী স্কুল অফ ইনফরমেশন টেকনোলজি

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Applications are invited from eligible candidates for 2 Project Fellow positions in the project entitled "Reconfigurable Machine Learning Accelerator Design and Development for Avionics Applications". Funded by **Defense Research and Development Organization (DRDO)**, Govt. of India under the guidance of Prof. Amlan Chakrabarti, A.K. Choudhury School of Information Technology, University of Calcutta

Eligibility and Desirable Criteria:

1. **Junior Research Fellow (Specialization: Digital Signal Processing)**

   Fellowship Amount per/month: Rs. 31,000 + 24% HRA

   Eligibility: Candidate should posses *M.Tech/M.E. in Information Technology* or *M.Tech./M.E. in Computer Science and Engineering* or *M.Tech. in Radiophysics and Electronics* or *M.E. Electronics and Telecommunication Engineering* or *M.Tech. in VLSI Design* or *M.Sc. Electronic Science (or Equivalent)* from an UGC/AICTE recognized University/Institute

   Age: Below 35 years

   Desirable: Research Experience in Digital Signal Processing. Having Knowledge in Python, Jupyter Notebook, Google Colaboratory, CUDA enabled GPU, MATLAB, Vivado HLS, Eagle (PCB layout), Arduino programming (Arduino UNO).

2. **Junior Research Fellow (Specialization: FPGA Design)**

   Fellowship Amount per/month: Rs. 31,000 + 24% HRA

   Eligibility: Candidate should posses *M.Tech/M.E. in Information Technology* or *M.Tech./M.E. in Computer Science and Engineering* or *M.Tech. in Radiophysics and Electronics* or *M.E. Electronics and Telecommunication Engineering* or *M.Tech. in VLSI Design* or *M.Sc. Electronic Science (or Equivalent)* from an UGC/AICTE recognized University/Institute

   Age: Below 35 years

   Desirable: Research Experience in FPGA Design. Having Knowledge in Python, Google Colaboratory, Vivado HLS, Programming FPGA boards (PYNQ, Zynq Ultrascale etc., Testing and Verification of FPGA Design.

Candidates are required to submit two sets of applications furnishing biodata including research experience on plain paper with copies of testimonials to the **Director, A.K. Choudhury School of Information Technology, JD-II, Sector-III, Saltlake, Kolkata-700106** or through email at: ***hodakcsit@gmail.com*** on or before **18th December, 2021.**

Amlan Chakrabarti, Professor & Director, A.K. Choudhury School of I.T.,
University of Calcutta, India