



INDIAN INSTITUTE OF TECHNOLOGY
KHARAGPUR – 721 302, INDIA
Sponsored Research and Industrial Consultancy

Mr. Rajarshi Banerjee

Administrative Officer (Projects)

ADVERTISEMENT NO. : IIT/SRIC/R/NGS/2026/110, DATED August 25,2026

Applications are invited on plain paper for the following assignment in a purely time bound research project undertaken in the Department of Computer Science and Engineering of this institute for a period of one year from the date of joining with a provision of extension for a maximum period up to four years or termination of the project, whichever is earlier, based on performance.

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| 1. Name of the temporary assignment | : | 1) Research Associate (RA) 1 post/s |
| 2. Name of the temporary research project | : | Secure and Intelligent Indigenous Network Packet Processor on Field Programmable Gate Array with Hardware based Stateful Firewall for Real-time Intrusion Detection/Prevention (Project Code – R/NGS) |
| 3. Name of the Sponsoring Agency | : | Directorate of Futuristic Technology Management (DFTM), Defence Research and Development Organisation, Ministry of Defence |
| 4. Consolidated Compensation (per month) | : | 1) Rs. 67000 /-
(depending on qualification and experience) |

5. Qualifications & Experience :

1) Rs. Research associates may be fixed at a consolidated amount at one of the 3 pay levels given below depending upon the qualification and experience. The Institute/Organization concerned may decide the level in which a particular associate should be placed based on the experience. The Essential Qualification (EQ) for RA is as follows:

Ph.D./MD/MS/MDS or equivalent degree or having 3 years of research, teaching and design and development experience after MVSc/M.Pharm/ME/M.Tech with at least one research paper in Science Citation Indexed (SCI) journal.

Machine learning, with good programming skills in Python to use common machine learning frameworks such as PyTorch. The candidate should be open to apply AI/ML principles to different application domains. /-

The qualifications and experience prescribed are the minimum and mere possession of the same does not entitle a candidate to be called for the interview.

(Rajarshi Banerjee)