

No. KUDSIT/660/SCS I/2025

Dated: 20.01.2026

NOTIFICATION

Kerala University of Digital Sciences, Innovation and Technology invites applications from qualified Indian Citizens for appointment to the following post (on a contract basis) for "Digital Twin-based Intrusion Detection System Using Federated Learning for IoMT" funded by C3iHub of the University. Candidates shall apply online through the Recruitment Portal. The guidelines for the submission of applications are available in the recruitment portal.

DETAILS OF POST, QUALIFICATION, EXPERIENCE ETC. REQUIRE.

I. Sr. Research Engineer

Job code	SRE/012026/660
Name of Post	Sr. Research Engineer
No. of Vacancies	One
Remuneration	Rs.25,000 - 30,000 (consolidated)
Age	Should not exceed 45 years as of the last date for submission of application
Essential Educational Qualification	M.Tech in Computer Science or a relevant field from a recognized University/Educational Institution.
Essential Experience	<ul style="list-style-type: none"> • Minimum 2 years research experience in computer science or a related field. • Experience in developing AI/ML models. • Fair knowledge of Computer Networks. • Strong programming skills in Python, including familiarity with popular ML libraries (e.g., TensorFlow, PyTorch, scikit-learn). • Publications in reputed journals/conferences/edited books. • Familiarity with cyber security and block chain technologies.



Desirable skillset	<ul style="list-style-type: none"> • Familiarity with IoT networks • Familiarity with cryptographic algorithms • Experience in writing technical reports and prototype development • Good communication skill.
Job Description	<ul style="list-style-type: none"> • Develop digital twin based intrusion detection system for IoMT networks domain using AI/ ML and federated learning • Document and communicate findings, including details. • Development prototype of the system. • Write research papers.
Nature of Appointment	On contract basis for 1 Year. However, the term may be extended further based on the performance and project requirements.

II. Software Engineer

Job code	SE/012026/660
Name of Post	Software Engineer
No. of Vacancies	Two
Remuneration	Rs.20,000 - 25,000 (consolidated)
Age	Should not exceed 30 years as of the last date for submission of application
Essential Educational Qualification	M.Sc/M.Tech in Computer Science with specialization in Cyber Security or AI/ML from a recognized University/Educational Institution.
Essential Experience	<ul style="list-style-type: none"> • Experience in developing AI/ML models • Strong programming skills in Python, including familiarity with popular ML libraries (e.g., TensorFlow, PyTorch, scikitlearn). • Minimum 3 months' experience in a similar field. • Good knowledge of computer networks.



Desirable skillset	<ul style="list-style-type: none"> • Familiarity with cyber security problems. • Familiarity with AI/ML algorithms. • Familiarity in developing digital twins. • Hands-on experience with Unity tool is preferred.
Job Description	<ul style="list-style-type: none"> • Network data analysis. • Develop AI/ML based intrusion detection system for digital twin based IoMT networks. • Develop AI/ML model using federated learning. • Document and communicate findings, including details.
Nature of Appointment	On contract basis for 1 Year. However, the term may be extended further based on the performance and project requirements.

Age relaxation for submission of application: 5 years for candidates belonging to SC/ ST and 3 years for OBC candidates.

Mode of Selection: The selection will be based on a test and/or Interview

Venue of Test/Interview: The test /Interview will be conducted in Thiruvananthapuram district only.

Job Location: For all posts will be at Thiruvananthapuram

General Instructions

1. Scanned copy of the documents to prove age, qualifications, experience, etc. should be uploaded along with online application and originals to be produced as and when called for. Applications without attaching the above documents shall be summarily rejected. No further chance will be given for submitting the same.
2. Candidates should ensure that the particulars furnished by him/her are correct in all respects. Anything not specifically claimed in the application against the appropriate field will not be considered at a later stage. No deviation whatsoever from the filled in data will be entertained. In case it is detected at any stage of the recruitment that a candidate does not fulfill the eligibility norms and /or that he/she furnished any incorrect/false information or has suppressed any material fact, his/her candidature will stand cancelled. If suppression of material facts or furnishing of any incorrect/false information is detected even after appointment, his/her service is liable to be terminated.
3. Applications submitted without fulfilling the eligibility and other norms mentioned in this Notification as well as the instructions published in the Recruitment Portal of the University will be summarily rejected.



4. In case any discrepancy / ambiguity in the process of selection, the decision of the University shall be final and binding.
5. Applications submitted without fulfilling the eligibility and other norms mentioned in this notification as well as the instructions published in the recruitment portal of the University will be summarily rejected.
6. Canvassing in any form will entail the cancellation of candidature.

How to Apply:

1. Applications shall be submitted online latest on **05.02.2026**. The application form is available at <https://www.duk.ac.in/careers>.
2. The applications received after the last date fixed or the incomplete applications or the applications without filling the relevant field will be summarily rejected.
3. No interim queries after the submission of the application will be entertained. The candidates will be intimated the schedule of the Test/ Interview through their registered email only.
4. The candidates are advised to check their registered e-mails regularly after the last date fixed for the submission of the application.
5. The University has the right to cancel the advertisement or entire selection process at any stage without assigning reason thereof and the decision of the University shall be final.

Dean (HR)

* This is a computer system (Digital File) generated letter. Hence there is no need for a physical signature.

