

No. KUDSIT/290/AR AD/2021

Technocity, Dated: 20.12.2021

### **NOTIFICATION**

Kerala University of Digital Sciences, Innovation and Technology invites applications from qualified Indian Citizens for appointment to the following posts (on contract basis) for School of Computer Science& Engineering of this 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 REQUIRED**

I.

<b>Job Code</b>	: <b>SRACCSS/122021/290</b>
<b>Name of Post</b>	: <b>Senior Research Associate (Social Cybersecurity)</b>
<b>No. of Vacancies</b>	: <b>01 no.</b>
<b>Remuneration</b>	: <b>Rs.35,000 /- (Consolidated)</b>
<b>Age</b>	: Should not exceed <b>40 Years</b> as on the last date for submission of Application.
<b>Essential Educational Qualification</b>	M. Tech in CSE/Electronics Engineering /Instrumentation Engineering from a recognized University/Educational Institution.
<b>Essential Experience</b>	Minimum 2-year experience in Computer Networks/Data Analytics/Cyber-physical Systems/Cybersecurity/Social Networks/ experience in working with Machine/Deep Learning frameworks. Programming knowledge in Python and C. Graduates with quality publications/internship experience will be given preference. This is a research and development position.
<b>Nature of Appointment</b>	Initially for 1 year on contract basis.

II.

<b>Job Code</b>	: <b>RACCSS/122021/290</b>
<b>Name of Post</b>	: <b>Research Assistant (Social Cybersecurity)</b>
<b>No. of Vacancies</b>	: <b>01 no.</b>
<b>Remuneration</b>	: <b>Rs.18,000/(Consolidated)</b>
<b>Age</b>	: Should not exceed <b>35 Years</b> as on the last date for submission of Application.
<b>Essential Educational Qualification</b>	B.Tech/ M. Tech in CSE/Electronics Engineering /Instrumentation Engineering from a recognized University/Educational Institution. preferably in the areas of IoT Networks/Edge Computing/Social Networks/Cybersecurity

<b>Nature of Appointment</b>	Initially for 1 year on contract basis.
------------------------------	---

III.

<b>Job Code</b>	: <b>RACRI/122021/290</b>
<b>Name of Post</b>	: <b>Research Associate ( CRICTR)</b>
<b>No. of Vacancies</b>	: <b>02 no.</b>
<b>Remuneration</b>	: <b>Rs. 30,000/-(Consolidated)</b>
<b>Age</b>	: Should not exceed <b>40 Years</b> as on the last date for submission of Application.
<b>Essential Educational Qualification</b>	M. Tech in CSE/Electronics Engineering /Instrumentation Engineering from a recognized University/Educational Institution.
<b>Essential Experience</b>	M. Tech graduates with proven knowledge of Sensor Networks/Internet of Things/Cyber-Physical Systems (CPS)/Cybersecurity/Social Networks. Candidates with M . Tech and quality publications/internship experience will be given preference. This is a research and development position.
<b>Nature of Appointment</b>	Initially for 1 year on contract basis.

IV.

<b>Job Code</b>	: <b>RANS CRI/122021/290</b>
<b>Name of Post</b>	: <b>Research Assistant (Network Security)</b>
<b>No. of Vacancies</b>	: <b>01 no.</b>
<b>Remuneration</b>	: <b>Rs.18,000/-(Consolidated)</b>
<b>Age</b>	: Should not exceed <b>35 Years</b> as on the last date for submission of Application.
<b>Essential Educational Qualification</b>	B.Tech/ M. Tech in CSE/Electronics Engineering /Instrumentation Engineering from a recognized University/Educational Institution preferably in the areas of IoT Networks/Cloud-Edge Computing/Social Networks
<b>Essential Experience</b>	Nil
<b>Nature of Appointment</b>	Initially for 1 year on contract basis.

V.

<b>Job Code</b>	: <b>RACSCRI/122021/290</b>
<b>Name of Post</b>	: <b>Research Associate (Cyber Security)</b>
<b>No. of Vacancies</b>	: <b>01 no.</b>
<b>Remuneration</b>	: <b>Rs.30,000/-(Consolidated)</b>
<b>Age</b>	: Should not exceed <b>40 Years</b> as on the last date for submission of



	Application.
<b>Essential Educational Qualification</b>	M.Tech in CSE/Electronics Engineering from a recognized University/Educational Institution.
<b>Essential Experience</b>	<ul style="list-style-type: none"> <li>• Good understanding of cyber security, malware analysis, deep learning and machine learning techniques.</li> <li>• Proficiency in python.</li> <li>• Experience in conducting cyber security lab sessions.</li> </ul>
<b>Desirable Experience</b>	Research publications in reputed journals or conferences, familiarity with adversarial machine learning, experience in hardware security.
<b>Nature of Appointment</b>	Initially for 1 year on contract basis.

## VI.

<b>Job Code</b> <b>Name of Post</b> <b>No. of Vacancies</b> <b>Remuneration</b> <b>Age</b>	<b>: SRACEPIA/122021/290</b> <b>: Senior Research Associate(Biometrics &amp; AR/VR)</b> <b>: 02 nos.</b> <b>: Rs. 35,000/-(Consolidated)</b> <b>: Should not exceed 40 Years</b> as on the last date for submission of Application.
<b>Essential Educational Qualification</b>	M.Tech in Electronics Engineering from a recognized University/Educational Institution.
<b>Essential Experience</b>	<ul style="list-style-type: none"> <li>• At least 3-years relevant research experience in Biometrics.</li> <li>• Good understanding of image processing, deep learning and machine learning techniques. Proficiency in MATLAB and Python.</li> </ul>
<b>Desirable Experience</b>	Research publications in reputed journals or conferences, familiarity with AR/VR, experience in biometric device development.
<b>Nature of Appointment</b>	Initially for 1 year on contract basis.

## VII.

<b>Job Code</b> <b>Name of Post</b> <b>No. of Vacancies</b> <b>Remuneration</b> <b>Age</b>	<b>: RICRI/122021/290</b> <b>: Research Interns (Cyber Security)</b> <b>: 01 no.</b> <b>: Rs. 15,000/- (Consolidated)</b> <b>: Should not exceed 30 Years</b> as on the last date for submission of Application.
<b>Essential Educational Qualification</b>	M.Tech in CSE/Electronics Engineering from a recognized University/Educational Institution.



<b>Essential Experience</b>	<ul style="list-style-type: none"> <li>• Good understanding of cyber security, malware analysis, deep learning and machine learning techniques.</li> <li>• Proficiency in python.</li> </ul>
<b>Desirable Experience</b>	Research publications in reputed conferences, familiarity with adversarial machine learning.
<b>Nature of Appointment</b>	Initially for 1 year on contract basis.

#### VIII.

<b>Job Code</b>	: <b>RSCV/122021/290</b>
<b>Name of Post</b>	: <b>Research Scientist ( Computer Vision )</b>
<b>No. of Vacancies</b>	: <b>01 no.</b>
<b>Remuneration</b>	: <b>Rs. 50,000/- (Consolidated)</b>
<b>Age</b>	: Should not exceed <b>40 Years</b> as on the last date for submission of Application.
<b>Essential Educational Qualification</b>	Ph.D with M.Tech from a recognized University/Educational Institution.
<b>Essential Experience</b>	<ul style="list-style-type: none"> <li>• Knowledge of Computer Vision/Image Video Processing and having publications in Computer Vision conferences/Journals .</li> <li>• This is a research and development position. Exposure to Conda, Octave and PyTorch is essential .</li> </ul>
<b>Nature of Appointment</b>	Initially for 1 year on contract basis.

#### IX.

<b>Job Code</b>	: <b>RSSS/122021/290</b>
<b>Name of Post</b>	: <b>Research Scientist-( Sixth Sense)</b>
<b>No. of Vacancies</b>	: <b>02 nos.</b>
<b>Remuneration</b>	: <b>Rs.50,000 -65,000/- (Consolidated)</b>
<b>Age</b>	: Should not exceed <b>40 Years</b> as on the last date for submission of Application.
<b>Essential Educational Qualification</b>	M. Tech in CSE or IT or ECE or EEE with at least 60 % of marks /M.Sc. in Computer Science or MCA with at least 60% marks from a recognized University/Educational Institution.
<b>Essential Experience</b>	Minimum of 4 years of Research and Development experience in Machine Learning in Industry or reputed R&D Labs.
<b>Desirable Experience</b>	Good publication records, research papers published in well-known journals or top conferences. Contributions in research communities/open-source domains



<b>Job Skills</b>	Experience in working with open-source machine learning libraries such as Sklearn, Pandas, and Numpy. Experience with a deep learning framework such as Tens or Flow. Strong programming knowledge in Python. Experience in working with Linux Operating System and Tools.
<b>Nature of Appointment</b>	Initially for 1 year on contract basis.

X.

<b>Job Code</b>	: <b>RDESS/122021/290</b>
<b>Name of Post</b>	: <b>Research and Development Engineer( Sixth Sense )</b>
<b>No. of Vacancies</b>	: <b>03 nos.</b>
<b>Remuneration</b>	: <b>Rs. 30,000-45,000/- (Consolidated)</b>
<b>Age</b>	: Should not exceed <b>40 Years</b> as on the last date for submission of Application.
<b>Essential Educational Qualification</b>	B. Tech in CSE or IT or ECE or EEE/M.Sc. in Computer Science/MCA with at least 60% marks from a recognized University/Educational Institution.
<b>Essential Experience</b>	Minimum of 2 years of Development experience in Machine Learning in Industry or reputed R&D Labs.
<b>Desirable Experience</b>	Contributions in research communities/open-source domains
<b>Job Skills</b>	Experience in working with open-source machine learning libraries such as Sklearn, Pandas, and Numpy. Experience working with deep learning frameworks such as Tens or Flow. Strong programming knowledge in Python. Experience working with Linux Operating System and Tools.
<b>Nature of Appointment</b>	Initially for 1 year on contract basis.

XI.

<b>Job Code</b>	: <b>PSCEPIA/122021/290</b>
<b>Name of Post</b>	: <b>Project Scientist I (CEPIA)</b>
<b>No. of Vacancies</b>	: <b>01 no.</b>
<b>Remuneration</b>	: <b>Rs. 40,000/- (Consolidated)</b>
<b>Age</b>	: Should not exceed <b>45 Years</b> as on the last date for submission of Application.
<b>Essential Educational Qualification</b>	B.Tech. (IT/CS)/ MCA/M.Sc. in Computer Science/PGDIT from a recognized University/Educational Institution
<b>Essential Experience</b>	At least 10-years of relevant experience in project handling in <b>Java/J2EE</b> in commercial /research applications Progressive experience in iterative <b>Software Development Life Cycle (SDLC)</b> and Agile methodology using Java, <b>J2EE</b> technologies/ Experience in developing web services and integrating it with the enterprise application.



<b>Desirable Experience</b>	Prior research experience in any two of the following areas: (a) Pattern Recognition (b) Digital Image Processing (c) Cognitive Computing and (d) Data Analytics.
<b>Job Skills</b>	SPRING, JSP, STRUTS, HIBERNATE, JDBC, WEB SERVICES. MYSQL, ECLIPSE, JIRA, SOAP UI, MAVEN, GITLAB etc.
<b>Nature of Appointment</b>	Initially for 1 year on contract basis.

## XII.

<b>Job Code</b>	: <b>RSCEBC/122021/290</b>
<b>Name of Post</b>	: <b>Research Scientist (CEBC)</b>
<b>No. of Vacancies</b>	: <b>01 no.</b>
<b>Remuneration</b>	: <b>Rs. 40,000/- (Consolidated)</b>
<b>Age</b>	: Should not exceed <b>40 Years</b> as on the last date for submission of Application.
<b>Essential Educational Qualification</b>	M. Tech/ME/MSc Computer Science / MCA from a recognized University/Educational Institution with good academic performance and Research Experience.
<b>Essential Experience</b>	At least 5-years of relevant research experience in Natural Language Processing and Speech Recognition. Good understanding of Deep learning and machine learning techniques
<b>Desirable Experience</b>	Knowledge of BCI and BCI data acquisition techniques for language processing
<b>Job Skills</b>	Ability to understand, design, and implement research problem. Document Review Functional and Technical Specifications.
<b>Nature of Appointment</b>	Initially for 1 year on contract basis.

## XIII.

<b>Job Code</b>	: <b>RACEBC/122021/290</b>
<b>Name of Post</b>	: <b>Research Assistant (CEBC)</b>
<b>No. of Vacancies</b>	: <b>01 no.</b>
<b>Remuneration</b>	: <b>Rs. 25,000/- (Consolidated)</b>
<b>Age</b>	: Should not exceed <b>40 Years</b> as on the last date for submission of Application.
<b>Essential Educational Qualification</b>	M Tech / ME / MSc Computer Science / MCA from a recognized University/Educational Institution.
<b>Essential Experience</b>	Minimum one-year experience as programmer in industry/scientific organization/ teaching
<b>Desirable Experience</b>	Good programming skills. Strong background in machine learning and deep learning networks, Image Processing
<b>Job Skills</b>	Ability to implement research problems using Python, Matlab.



**Age Relaxation for submission of application:**

- i. 5 years for candidates belonging to SC/ ST and 3 years for OBC candidates

**Mode of Selection:**

- i. The selection will be based on an interview.

**Venue of Interview:**

The Interview will be conducted at Thiruvananthapuram only.

**General Instructions:**

- I. 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.
- II. Candidates, who are in the service of the Government of India or any of the State Governments, etc. while applying, should obtain a No Objection Certificate from their Head of Office or Department and keep it with them. If candidates fail to produce the No Objection Certificate as and when called for, his/her candidature will stand canceled.
- III. 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 canceled. 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.
- IV. 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.
- V. Canvassing in any form will entail the cancellation of candidature.

**How to Apply:**

- i. Applications shall be submitted online latest on **04.01.2022** The application form is available at <https://www.duk.ac.in/careers>.
- ii. The application fee will be Rs. 200 /- for all the posts (Fee will be exempted for SC/ST/Differently-abled Candidate). The mode of payment is available in the recruitment portal.
- iii. The applications received after the last date fixed or the incomplete applications or the



applications without filling the relevant field will be summarily rejected.

- iv. No interim queries after the submission of the application will be entertained. The candidates will be intimated the schedule of the Interview through their registered email only.
- v. The candidates are advised to check their registered e-mails regularly after the last date fixed for the submission of the application.
- vi. 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.

**Registrar**

