DIGITAL UNIVERSITY KERALA

Curating a responsible digital world

Kerala University of Digital Sciences,
Innovation and Technology (Digital University)
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NOTIFICATION

In line with the **Earn While You Learn** scheme, the Digital University of Kerala has launched paid Internship Programs for the students in the following Research Projects/ Labs being implemented by the University. The students of DUK who are in the third semester of their Master's and Students who completed Master's from IIITM-K in the previous year are eligible to apply for the internship.

Accordingly, DUK invites applications from DUK and IIITM-K students who meet the above criteria for internship in Image and Pattern Recognition, Natural Language Processing, Digital Transformation in Culture, and Brain Computing. Interested candidates may apply for the internship in the application form attached with a detailed resume within 7 days from the date of notification to the concerned Project Coordinators. The candidate should be able to implement research problems and contribute to developing solutions for real-world, large-scale problems. For students who completed their Master's, a stipend of Rs. 15,000 will be paid and for students in 3rd semester, Rs 5,000 will be paid as a stipend. The internship can be extended to 4th semester with a stipend of Rs. 10,000 if their performance is satisfactory in the third semester.

1.	**Centre:** Centre for Digital Transformation in Culture **No. of Posts:** 4 Nos.	
	Name of Post: Research Intern **CDTC** **Period of Engagement:** 3 months	
	a.	**Project Name : AI systems**: **Mandatory Requirements:** Must have experience with AI, Deep Learning, Keras, Pytorch, and Tensorflow.
	b.	**Project Name : Image Processing**: **Mandatory Requirements:** Must have experience with Image Processing, Deep Learning, Keras, Pytorch, and Tensorflow. Desirable knowledge in CNN, Transformer
	c.	**Project Name : Learning management system:** **Mandatory Requirements:** Must have experience in MOODLE programming, Server side scripting, full stack development using PHP, Desirable Experience in any of the following: JavaScript framework/library knowledge of JS is preferred, experience in MySQL and database manipulation

2.	**Centre:** Centre of Excellence in Pattern and Image Analysis/ School of Computer Science and Engineering **No of posts:** 3 Nos.	
	Name of Post: Research Intern **CEPIA** **Period of Engagement:** 3 months	
	a.	**Project Name : Design of Deep Learning architecture** : Theoretical knowledge in Graph Theory, Deep Learning, and Machine learning algorithms, Experience in Python/ Matlab, Keras, Pytorch, and Tensorflow
	b.	**Project Name : Diagnosis of Neurodegenerative Diseases:** Basic knowledge of Neurodegenerative diseases Deep knowledge of Image Processing systems Experience in Deep learning algorithms in Python OR Matlab

3.	**Centre:** Centre of Excellence in Brain Computing/ School of Computer Science and Engineering **No of posts:** 2 Nos.	
	Name of Post: Research Intern **CEBC** **Period of Engagement:** 3 months	
	a.	**Project Name : Alzheimer's classification** **Mandatory Requirements:** Knowledge of brain MRI/ Image Processing techniques Experience in Deep Learning and Machine Learning algorithm
	b.	**Project Name : Image Saliency**: Knowledge in Image Processing **Mandatory Requirements:** Must have knowledge in Python, CNN, Transformer

4.	**Centre:** Virtual Resource Centre for Language Computing/ School of Computer Science and Engineering **No of Posts:** 2 Nos	
	Name of Post: Research Intern **VRCLC** **Period of Engagement:** 3 months	
	a.	**Project Name: N L P :** Mandatory Requirements: Knowledge in Machine Translation and Learning, Experience in Python

How to Apply?

Interested candidates meeting the eligibility requirements may send a soft / scanned copy of the application below in the prescribed format as an attachment **by mail** to the Co-ordinator at " cebc@duk.ac.in with subject as: Research Intern – Post Number and Category, eg:. "Research Intern – 3.a". Coordinator has the privilege to cancel the posts if eligible candidates are not found.

Registrar

KERALA UNIVERSITY OF DIGITAL SCIENCES, INNOVATION AND TECHNOLOGY

(formerly IIITMK)

Technopark Phase 4, Kuracode, Mangalapuram,

Thonnakkal P.O., Thiruvananthapuram – 695 317, Kerala

Phone: 0471-2788000, Website: www.duk.ac.in, E-mail: info@duk.ac.in

Application Form for Paid Internship

Name of Candidate	
Name of the Post	
Project Name and Number	
Name of the Centre	
Address	
Age and Sex	
Email id:	
Mobile Number :	
MSc/ MTech Stream	
Current Course and Semester Percentage of Marks (Upto last published) (for ongoing students)	

Year of Study and completion at IIITMK/ DUK	
Specialization /Technical skill set	
Details of your Mini Project	
Details of your Major Project	