

KUDSIT/68/SO AD/2023

03.02.2023

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 fourth semester of their Masters are eligible to apply for the internship.

Accordingly, DUK invites applications from students who meet the above criteria for paid internships 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 4 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. The internship may start on February 10, 2023, and the duration will be 05 months. The students will be paid a stipend of Rs.10,000 (Rupees Ten Thousand Only) per month.

I. Centre for Digital Transformation in Culture

	Name of Post	: Research Intern CDTC
	Remuneration	: Rs.10,000 (Rupees Ten Thousand Only) per month
	No. of Vacancies	: 04 Nos
	Qualifications	:Fourth Semester MSc students of Digital University, Kerala are eligible to apply for the internship
	Period of Engagement	: 05 Months
a	Name of Project	: AI systems
	Mandatory Requirements	: Must have experience with AI, Deep Learning, Keras, Pytorch, and Tensorflow.
b	Name of Project	: Image Processing
	Mandatory Requirements	: Must have experience with Image Processing, Deep Learning, Keras, Pytorch, and Tensorflow. Desirable knowledge in CNN, Transformer
	Name of Project	: Learning management system
		: Must have experience in MOODLE programming, Server side scripting, full stack



c	Mandatory Requirements	development using PHP, Desirable Experience in any of the following: JavaScript framework/library knowledge of JS is preferred, experience in MySQL and database manipulation
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II. Centre of Excellence in Pattern and Image Analysis/ School of Computer Science and Engineering

	Name of Post	: Research Intern CEPIA
	Remuneration	: Rs.10,000 (Rupees Ten Thousand Only) per month
	No. of Vacancies	: 03 Nos
	Qualifications	: Fourth Semester MSc students of Digital University, Kerala are eligible to apply for the internship
	Period of Engagement	: 05 Months
a	Name of Project	: Design of Deep Learning architecture
	Mandatory Requirements	: Theoretical knowledge in Graph Theory, Deep Learning, and Machine learning algorithms, Experience in Python/ Matlab, Keras, Pytorch, and Tensorflow
b	Name of Project	: Diagnosis of Neurodegenerative Diseases
	Mandatory Requirements	: Basic knowledge of Neurodegenerative diseases Deep knowledge of Image Processing systems Experience in Deep learning algorithms in Python OR Matlab

III. Centre of Excellence in Pattern and Image Analysis/ School of Computer Science and Engineering

	Name of Post	: Research Intern CEBC
	Remuneration	: Rs.10,000 (Rupees Ten Thousand Only) per month
	No. of Vacancies	: 02 Nos
		: Fourth Semester MSc students of Digital



	Qualifications	University, Kerala are eligible to apply for the internship
	Period of Engagement	: 05 Months
a	Name of Project	: Alzheimer's classification
	Mandatory Requirements	: Knowledge of brain MRI/ Image Processing techniques Experience in Deep Learning and Machine Learning algorithm
b	Name of Project	: Image Saliency
	Mandatory Requirements	: Must have knowledge in Python, CNN, Transformer

IV. Virtual Resource Centre for Language Computing/ School of Computer Science and Engineering

	Name of Post	: Research Intern VRCLC
	Remuneration	: Rs.10,000 (Rupees Ten Thousand Only) per month
	No. of Vacancies	: 02 Nos
	Qualifications	: Fourth Semester MSc students of Digital University, Kerala are eligible to apply for the internship
	Period of Engagement	: 05 Months
a	Name of Project	: NLP
	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 cdtc@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



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



KERALA UNIVERSITY OF DIGITAL SCIENCES, INNOVATION AND TECHNOLOGY

(formerly IIITMK)

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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	
Residential Address	
Age, Date of Birth and Sex	
Gender	
Email id	
Mobile Number	
MSc/ MTech Stream	
Percentage of Marks (Upto last published)	
Specialization /Technical skill set	
Details of your Mini Project	

