



Kerala University of Digital Sciences, Innovation and Technology (Digital University Kerala) (formerly IIITM-K)

VRITIKA (Training and Skill Internship)

'VRITIKA' is the call for initiation and practice in science through the Training and Skill Internship. This program aims to provide opportunities to promising PG students from universities and colleges to get exposure and research skill development experience. These internships will primarily be facilitated by organizations/institutions/laboratories of national importance such as IITs, IISc, IISERs, NITs, CSIR, ICAR, ICMR etc. For more details, visit the following links:

<https://acceleratevigyan.gov.in/programs/abhyas/vritika> & <http://serb.gov.in/abhyaas.php>

Call for Research Internship - Accelerate Vigyan (Vritika) - Physical mode

Deep Learning for Computer Vision

How to apply?

- **Step 1:** The candidate shall apply for the Internship program by filling out the following Google Form: <https://forms.gle/vv3mYchTKoER36G96>
- **Step 2:** Fill out the above Google form with the requested details and upload the scanned copies of the certificate and no objection certificate (from HoD/Head of the institution) by Monday, 04th August 2023.
- **Step 3:** Take the printout of the filled Google form (received in your registered Email) and sign at the bottom of all pages.
- **Step 4:** Email the scanned copy of the signed registration form to sinnu.thomas@duk.ac.in

Details of Internship

- **Duration** – 14th August 2023 to 15th September 2023. (4 Weeks).
- **Venue:** School of Computer Science and Engineering, Digital University Kerala (formerly IIITM-K), Thiruvananthapuram- 695317.
- **Number of Interns** Required – 05.
- **Last Date for application/registration:** 04th August 2023.
- List of selected students for the internship shall be announced on or before **10th August 2023**.
- **Reporting date** for the selected students – 14th August 2023 (DUK, Thiruvananthapuram)

Selection Process

- The list of shortlisted students for the written test/interview shall be announced on or before 7th August 2023.
- Tentative date of written test/interview (online mode): 8th August 2023.
- The applicants must produce a letter of authentication from their Supervisor/Head of the Department/Head of the Institute indicating their association with the Institute and a "No Objection Certificate (NOC)" for allowing their student to undergo training in the workshop if selected. There is no dedicated format for the same; however, it must be obtained on the institute/university letterhead.

Who can apply?

- Regular PG (MTech/ME/MS/MSc) and PhD level. Specialization is Computer Science/ IT/ECE/EEE/Statistics/Mathematics.
- Preference would be given to candidates with good mathematical (Linear Algebra and Probability Theory) and programming (Python/Tensorflow/Pytorch/Caffe) skills and having knowledge about Deep Learning and Computer Vision.
- **No stipend will be provided for the internship**
- **Accommodation:** Selected interns will be accommodated in the University hostel rooms (if available) with catering facilities. If unavailable, the participants need to make self-arrangements for their stay outside the DUK premise, which the organizers may reimburse. TA will be reimbursed for the train or bus's lowest fare from their host institution to/from DUK.

Terms and Conditions

1. The supervisor to whom the interns are assigned would be assigning them tasks/ assignments as per the research modules designed.
2. The intern should work accordingly and prepare a work report to be submitted after completion of the internship.
3. Interns not completing the work within the requisite period will not be issued any certificate.
4. The IPR of the research work will be reserved by the institute which cannot be used by the intern without permission of the concerned authority.
5. The intern should abide by the rules and regulations of the institution and laboratory protocols.
6. The internship period shall not be extended beyond four weeks.

Address for correspondence

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